Appendix A

SWMU Status Table

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
AOC 4	Asbestos Installation (Plant-wide)	Admin Closure	2003	N	N	N	N
AOC 9	Site-Wide, Underground Storage Tanks	Admin Closure	2003	N	N	N	N
SWMU 100	Waste Accumulation Area, (Bldg 12-42)	Admin Closure	2003	N	N	N	N
SWMU 101	Waste Accumulation Area, Bldg 12-59	Admin Closure	2003	D&D	N	N	N
SWMU 102	Bldg 12-68 Batch Master, Northeast Corner	Admin Closure	1997, 2003	N	N	N	N
SWMU 104	Waste Accumulation Area, (Bldg 12-82)	Admin Closure	2003	N	N	N	N
SWMU 105	Waste Accumulation Area, (Bldg 12-84)	Admin Closure	2003	N	N	N	N
SWMU 107	Bldg 16-5, Flammable Liquid Storage	Admin Closure	2003	N	N	N	N
SWMU 111	Bldg 11-36 Solvent Tanks	Admin Closure	2001	N	N	N	N
SWMU 112	Bldg 11-36 Solvent Tanks	Admin Closure	2001	N	N	N	N
SWMU 114	Bldg 11-36 Scrubber System	Admin Closure	2001	D&D	N	N	N
SWMU 115	Bldg 11-36 Carbon Filter	Admin Closure	2001	D&D	N	N	N
SWMU 116	Bldg 11-36 Sludge Filters	Admin Closure	2001	D&D	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 124	Bldg 11-50 Waste water Treatment System	Admin Closure	2001	N	N	N	N
SWMU 125	Bldg 12-43 HE Contaminated Charcoal Boxes	Admin Closure	2001	N	N	N	N
SWMU 126	Miscellaneous HE Contaminated Waste Dumpsters	Admin Closure	2001	N	N	N	N
SWMU 127	Miscellaneous Non-hazardous Waste Dumpsters	Admin Closure	2001	N	N	N	N
SWMU 128	Portable HE Waste water Tanks	Admin Closure	2001	N	N	N	N
SWMU 129a	HE Contaminated Sludge Containers, Bldg 11-44	Admin Closure	2001	N	N	N	N
SWMU 129b	HE Contaminated Sludge Containers Bldg 12-43	Admin Closure	2001	N	N	N	N
SWMU 131	Portable Waste Oil Storage Tanks (Bldg 12-35)	Admin Closure	2001	N	N	N	N
SWMU 132	Vacuum Guzzlers	Admin Closure	2001	N	N	N	N
SWMU 134	Bldg 11-29 Silver Recovery	Admin Closure	2001	N	N	N	N
SWMU 137	Bldg 12-41, Paint Shop Waste water Tank	Admin Closure	2003	N	N	N	N
SWMU 138	Zone 12 Paint Shop Sandblaster Collection Cone	Admin Closure	2001	N	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 141	Classified Waste Incinerator	Admin Closure	2001	N	N	N	N
SWMU 142	Miscellaneous Hood and Filter Systems, 24 Bldgs	Admin Closure	2001	N	N	N	N
SWMU 59	Landfill East of Pad 11-13 (Duplicate of SVS 5)	Admin Closure	2003	N	N	N	N
SWMU 62	Landfill 11	Admin Closure	2004	N	N	N	N
SWMU 65	Landfill 14 (Duplicate of SVS 6)	Admin Closure	2003	N	N	N	N
SWMU 76	Firing Site 18	Admin Closure	2001	N	N	N	N
SWMU 77	Firing Site 23, Filter/Exhaust System	Admin Closure	9/19/2001	N	N	N	N
SWMU 83	Bldg 4-8, Container Storage Bldg, Asbestos Staging Area	Admin Closure	2001	N	N	N	N
SWMU 85	MOCA Waste Accumulation Area, Bldg 12-16	Admin Closure	2001	N	N	N	N
SWMU 88	11-41 Compressor Bldg Waste Accumulation	Admin Closure	2003	N	N	N	N
SWMU 89	Waste Accumulation Area, Bldg 12-2 North Hall	Admin Closure	2003	N	N	N	N
SWMU 90	Waste Accumulation Area, Bldg 12-9	Admin Closure	2003	N	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 91	Waste Accumulation Area, Bldg 12-9 Solvent Storage Shed	Admin Closure	2003	N	N	N	N
SWMU 92	Waste Accumulation Area, Bldg 12-9 (outside)	Admin Closure	2003	N	N	N	N
SWMU 93	Waste Accumulation Area, Bldg 12-111 Paint Shop	Admin Closure	2003	N	N	N	N
SWMU 94	Waste Accumulation Area, Bldg 12-R-13 (outside)	Admin Closure	2003	N	N	N	N
SWMU 95	Waste Accumulation Area, Bldg 12-18 (outside)	Admin Closure	2003	N	N	N	N
SWMU 96	Waste Accumulation Area, Bldg 12-21	Admin Closure	2001	N	N	N	N
SWMU 98	Bldg 12-38 Solvent Storage	Admin Closure	2003	N	N	N	N
SWMU 99	Waste Accumulation Area, Bldg 12-41	Admin Closure	2003	N	N	N	N
Unassigned	Unlined Landfill/Landfill 10 North of Firing Site 1	Admin Closure	2004	N	N	N	N
Pemitted Unit 53	Igloo 4-72 Storage	Active		N	N	N	N
SVS 4	Old Pistol Range	Active		N	N	N	N
SWMU 28	Active Burn Tray	Active		NA	N	N	N
SWMU 29	Active Burn Tray	Active		NA	N	N	N
SWMU 30	Active Burn Tray	Active		NA	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 31	Active Burn Tray	Active		NA	N	N	N
SWMU 32	Active Burn Tray	Active		NA	N	N	N
SWMU 33	Active Burn Tray	Active		NA	N	N	N
SWMU 34	Active Burn Tray	Active		NA	N	N	N
SWMU 35	Active Burn Tray	Active		NA	N	N	N
SWMU 36	Active Burn Tray	Active		NA	N	N	N
SWMU 69	Firing Site 4	Inactive		N	N	N	N
SWMU 72	Firing Site 10	Active		N	N	N	N
SWMU 74	Firing Site 21	Active		N	N	N	N
SWMU 75	Firing Site 22	Active		N	N	N	N
SWMU 78	Firing Site 24, Concrete Sump	Active		N	N	N	N
AOC 1	Transformer Leak (Bldg 11-14A)	3		Excavation	Y	Y	N
AOC 10a	Bldg 12-43A Pesticide Rinse Area	3		Excavation	Y	Y	N
AOC 10b	Bldg 12-51 Pesticide Rinse Area	3		N	Y	Y	N
AOC 11	Fire Training Area Burn Pits	3		Excavation	Y	Y	N
AOC 12	Paint Shop/ Solvent Pit (Bldg 12-5D)	3		N	Y	Y	N
AOC 13a	Former Cooling Tower in Zone 12 (Pad)	3		Excavation	Y	Y	N
AOC 13b	Former Cooling Tower in Zone 12 (Piping/Soil)	3		Excavation	Y	Y	N
AOC 14	Battery Storage Area (Bldg 12-18)	3		N	Y	Y	N
AOC 15	DDT Release (Bldg 12-35)	3		Excavation	Y	Y	N
AOC 3a	Former Boiler House Areas	3		N	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
AOC 3b	Zone 11 Former Boiler House Areas	3		N	Y	Y	N
AOC 5	Electrical Equipment Bone Yard Near Bldg 12-5	3		N	Y	Y	N
AOC 7a	Bldg 11-36 Sulfuric Acid Spills	3		N	Y	Y	N
AOC 7c	Bldg 12-64 Sulfuric Acid Spills	3		Excavation	Y	Y	N
AOC 8a	Pad 11-12 Solvent Leaks	3		N	Y	Y	N
AOC 8b	Pad 11-13 Solvent Leaks	3		N	Y	Y	N
AOC 8c	Bldg 11-17 Solvent Leaks	3		N	Y	Y	N
AOC 8d	Pad 11-22 Solvent Leaks	3		N	Y	Y	N
AOC 8e	Bldg 11-36 Solvent Leaks	3		N	Y	Y	N
SVS 2	Parallel Depressions Bldg 11-26	3		N	Y	Y	N
SVS 3 (SWMU 67)	Carbon Black Burial Area near Bldg 10-7	3		N	Y	Y	N
SVS 5	Landfill East of Pad 11-13	3		N	Y	Y	Y
SVS 6	Unnumbered Zone 7 Landfills	3		N	Y	Y	Y
SVS 7a&b	Magazine Demolition Debris Landfills (Zones 4 & 5)	3		N	Y	Y	Y
SVS 8	Abandoned Zone 10 Landfill	3		Excavation	Y	Y	Y
SWMU 1	Drainage Ditch (Bldg 12-17)	3		Excavation	Y	Y	N
SWMU 10	Pantex Lake	3		N	Y	Y	N
SWMU 103	Former Battery Storage Area, (Bldg 12-81)	3		N	Y	Y	N
SWMU 113	Overflows from Bldg 11-36 Collection System/Sump	3		D&D /	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 117	High Explosives Settling Tank	3		D&D / Excavation	Y	Y	N
SWMU 118	Equalization Basin	3		D&D / Excavation	Y	Y	N
SWMU 119a	High Explosives Filters	3		D&D	Y	Y	N
SWMU 119b	High Explosives Filters	3		D&D	Y	Y	N
SWMU 12	Drainage Ditch Near Former 11-14 Pond	3		Excavation	Y	Y	N
SWMU 120a	Carbon Filters	3		D&D	Y	Y	N
SWMU 120b	Carbon Filters	3		D&D	Y	Y	N
SWMU 121	High Explosives Settling Tank	3		D&D / Excavation	Y	Y	N
SWMU 122a	Equalization Basin	3		D&D / Excavation	Y	Y	N
SWMU 122b	Bldg 12-24N & Bldg 12-43 Upland Soil	3		Excavation / In Situ Treatment	Y	Y	N
SWMU 123	Concrete Sump & Waste water Treatment Unit	3		D&D	Y	Y	N
SWMU 13	Former Solar Evaporation Pond (Bldg 11-51)	3		N	Y	Y	N
SWMU 135	Leaching Bed (Bldg 12-44E)	3		N	Y	Y	N
SWMU 136	Subsurface Leaching Bed (Bldg 12-59)	3		D&D	Y	Y	N
SWMU 14*	Explosive Burn Pad 1 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 143a	Former Waste Drum Storage Areas (Bldg 10-9)	3		N	Y	Y	N
SWMU 143b	Former Waste Drum Storage Areas (Bldg 10-7)	3		N	Y	Y	N
SWMU 144	Zone 10 TNT Settling Pit (Bldg 10-13)	3		Excavation	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 145	Zone 10 TNT Settling Pit (Bldg 10-17)	3		Excavation	Y	Y	N
SWMU 146	Zone 10 TNT Settling Pit (Bldg 10-26)	3		Excavation	Y	Y	N
SWMU 147	Bldg 11-13 TNT Settling Pit	3		Excavation	Y	Y	N
SWMU 148	Bldg 11-17 TNT Settling Pits	3		Excavation	Y	Y	N
SWMU 149	Bldg 11-26 TNT Settling Pit	3		N	Y	Y	N
SWMU 15*	Explosive Burn Pad 2 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 150	Bldg 11-12 TNT Settling Pit	3		Excavation	Y	Y	N
SWMU 16*	Explosive Burn Pad 3 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 17*	Explosive Burn Pad 4 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 18*	Explosive Burn Pad 5 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 19*	Explosive Burn Pad 6 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 2	Drainage Ditch (Bldg 12-43)	3		Ditch Lining	Y	Y	Y
SWMU 20*	Explosive Burn Pad 7 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 21*	Explosive Burn Pad 7A (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 22*	Explosive Burn Pad 8 (including ash disposal trench)	3		Soil Cover	Y	Y	Y

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 23*	Explosive Burn Pad 9 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 24*	Explosive Burn Pad 10 (including ash disposal trench)	3		Soil Cover	Y	Y	Y
SWMU 25*	Explosive Burn Pad 11 (Including Wash Rack)	3		Soil Cover	Y	Y	N
SWMU 26*	Explosive Burn Pad 12	3		Soil Cover	Y	Y	N
SWMU 27*	Explosive Burn Pad 13	3		Excavation	Y	Y	N
SWMU 3	Drainage Ditch (Bldg 11-44)	3		Excavation	Y	Y	N
SWMU 37	Burning Ground Landfill 1	3		Engineered Cover	Y	Y	Y
SWMU 38	Burning Ground Landfill 2	3		Engineered Cover	Y	Y	Y
SWMU 39	Burning Ground Landfill 3	3		Engineered Cover	Y	Y	Y
SWMU 4	Drainage Ditch (Bldg 11-50)	3		N	Y	Y	N
SWMU 40	Burning Ground Landfill 4	3		Engineered Cover	Y	Y	Y
SWMU 41	Burning Ground Landfill 5	3		Engineered Cover	Y	Y	Y
SWMU 42	Burning Ground Landfill 6	3		Engineered Cover	Y	Y	Y
SWMU 43	Burning Ground Landfill 7	3		Engineered Cover	Y	Y	Y
SWMU 44	Burning Ground Landfill 8	3		Engineered Cover	Y	Y	Y
SWMU 45	Explosive Burn Cage	3		D&D / Excavation	Y	Y	N
SWMU 46	Explosive Burn Cage	3		D&D	Y	Y	N
SWMU 47	Chemical Burn / Evaporation Pits	3		SVE System	Y	Y	N
SWMU 48	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N
SWMU 49	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 50	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N
SWMU 5-01a	Drainage Ditch(es) (Bldg 12-5)	3		Excavation	Y	Y	N
SWMU 5-01b	Drainage Ditch(es) (Bldg 12-5B)	3		Excavation	Y	Y	N
SWMU 5-02a	Drainage Ditch (Bldg 12-51)	3		N	Y	Y	N
SWMU 5-02b	Drainage Ditch (Bldg 12-67)	3		Excavation	Y	Y	N
SWMU 5-02c	Drainage Ditch (Bldg 12-110)	3		N	Y	Y	N
SWMU 5-04a	Bldg 12-19 Drainage Ditches	3		Excavation	Y	Y	N
SWMU 5-04b	Bldg 12-73 Drainage Ditches	3		Excavation	Y	Y	N
SWMU 5-05	Drainage Ditch (Bldgs 12-21 & 12-24)	3		Ditch Lining	Y	Y	Y
SWMU 5-06a	**Drainage Ditch (Bldg 12-44E)**	**3**		**Excavation**	**Y**	**Y**	**N**
SWMU 5-06b	Drainage Ditch (Bldg 12-81)	3		Excavation	Y	Y	N
SWMU 5-07	Bldg 12-41 Drainage Ditch	3		Excavation	Y	Y	N
SWMU 5-08	Drainage Ditch (Bldg 11-36)	3		Excavation	Y	Y	N
SWMU 5-09a	Drainage Ditch (Bldg 11-17)	3		N	Y	Y	N
SWMU 5-09b	Drainage Ditch (Bldg 11-20)	3		N	Y	Y	N
SWMU 51	Burning Ground Solvent Evap. Pans	3		D&D	Y	Y	N
SWMU 5-11	Main Perimeter Ditch	3		N	Y	Y	N
SWMU 5-12a	Main Perimeter Ditch	3		Excavation	Y	Y	N
SWMU 5-12b	Perimeter Drainage Ditch from Zone 12 to SWMU 5-15	3		N	Y	Y	N
SWMU 5-13a,b,c	Drainage Ditches to Playa 1	3		Excavation	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 5-15 a&b	Drainage Ditch to Playa 4	3		N	Y	Y	N
SWMU 52	Burn Racks and Flashing Pits	3		D&D / Excavation	Y	Y	N
SWMU 54	Landfill 3	3		Excavation/ Engineered Cover	Y	Y	Y
SWMU 55	Landfill 4	3		N	Y	Y	Y
SWMU 56	Landfill 5	3		N	Y	Y	Y
SWMU 57	Landfill 6	3		Excavation	Y	Y	Y
SWMU 58	Landfill 7	3		N	Y	Y	Y
SWMU 6	Playa 1	3		N	Y	Y	N
SWMU 60	Landfill 9	3		N	Y	Y	Y
SWMU 61	Landfill 10	3		N	Y	Y	Y
SWMU 64	Landfill 13	3		Administrative Soil Cover	Y	Y	Y
SWMU 66	Landfill 15	3		N	Y	Y	Y
SWMU 68a	Original Landfill	3		N	Y	Y	Y
SWMU 68b	Landfill 1	3		Administrative Soil Cover	Y	Y	Y
SWMU 68c	Landfill 2	3		Administrative Soil Cover	Y	Y	Y
SWMU 68d	Sanitary Landfill	3		N	Y	Y	Y
SWMU 7	Playa 2	3		N	Y	Y	N
SWMU 8	Playa 3	3		N	Y	Y	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 82	Nuclear Weapon Accident Residue Storage	3		Excavation	Y	Y	N
SWMU 84	Scrap, Salvage, and Storage Yard (Bldg 10-9)	3		Excavation	Y	Y	N
SWMU 86	11-14 Solvent Storage Shed	3		N	Y	Y	N
SWMU 87	Bldg 11-20 Solvent Storage Shed	3		N	Y	Y	N
SWMU 9	Playa 4	3		N	Y	Y	N
Unassigned	Demonstration Facilities	3		Excavation	Y	Y	N
Unassigned	Former 11-15 Pond	3		N	Y	Y	N
Unassigned	Former Leaching Bed North of Bldg 11-50 and West of Bldg 11-36	3		Excavation	Y	Y	N
Unassigned	Concrete Sump (near Bldg 12-5B)	3		N	Y	Y	N
Unassigned AOC	Zone 10 Landfills West and Southwest of SWMU 84 Scrap and Salvage Yard	3		N	Y	Y	Y
Unassigned SWMU	Zone 10 Berms	3		N	Y	Y	N
Unassigned SWMU	Evaporation Pit East of Bay 3 (Bldg 11-20)	3		Excavation	Y	Y	N
Unassigned SWMU	Evaporation Pit South of Bay 11/West of Bay 6 (Bldg 11-20)	3		Backfill/Cover	Y	Y	N
Unassigned SWMU	SWMU Capacitor Bank Rupture	3		N	Y	Y	N
AOC 7b	Bldg 12-4 Sulfuric Acid Spill	2	2004	N	Y	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
Permitted Unit 1	Container Storage 11-7N Pad	2	2005	N	Y	N	N
SVS 1	Denuded Area near Playa 1	2	2005	N	Y	N	N
SWMU 106	Waste Accumulation Site at Bldg 16-1	2	2005	Excavation	Y	N	N
SWMU 109	Concrete Sump (Bldg 12-68)	2	2004	Sump removal/Excavation	Y	N	N
SWMU 11	Surface Impoundment in Zone 5 (Bldg FS-16)	2	2005	D&D	Y	N	N
SWMU 110	Bldg 12-68 Electroplating Waste Retention Basin (Moat)	2	1997	N	Y	N	N
SWMU 139	Photo Processing Leaching Bed (Bldg FS-10)	2	2005	N	Y	N	N
SWMU 140	Old Sewage Treatment Plant/Sludge Beds	2	2005	D&D / Excavation	Y	N	N
SWMU 5-03a	Drainage Ditches (Bldg12-68)	2	2004	Excavation	Y	N	N
SWMU 5-03b	Drainage Ditches (Bldg 12-18)	2	2004	N	Y	N	N
SWMU 5-03c	Drainage Ditches (Bldg 12-9)	2	2004	N	Y	N	N
SWMU 5-03d	Drainage Ditch (Bldg 12-10)	2	2004	N	Y	N	N
SWMU 5-10	Drainage Ditches near the Old Sewage Treatment Plant	2	2005	Excavation	Y	N	N
SWMU 5-14	Drainage Ditch from Zone 11 to Playa 2	2	2005	N	Y	N	N
SWMU 53	Temporary High Explosives Burning Ground	2	2005	Excavation	Y	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
SWMU 63	Landfill 12	2	2005	Administrative Soil Cover	Y	N	Y
SWMU 70	Firing Site 5	2	1999	D&D / Excavation, Fence	Y	N	Y
SWMU 71	Firing Site 6	2	2000	N	Y	N	N
SWMU 73	Firing Site 15	2	2000	N	Y	N	N
SWMU 97	Waste Accumulation Area, Bldg 12-34	2	1999	N	Y	N	N
Unassigned	Dumpster Area near FS-11	2	2005	N	Y	N	N
Unassigned AOC	Bldg 12-1 Laundry Sump	2	2004	Decontamination	Y	N	N
Unassigned SWMU	FS-22 Container Gun Barrel	2	1999	D&D	Y	N	N
Unassigned SWMU	11-14 Hypalon Pond and Waste water Line	2	1995	Backfill/Cover	Y	N	N
AOC 2	Main Electrical Substation (4-28)	1	1993	N	N	N	N
AOC 6a	Gasoline Leaks at Bldgs 12-35	1	1999	Tank Removal / Excavation	N	N	N
AOC 6b	Gasoline Leak at Bldg 16-1	1	1999	N	N	N	N
Permitted Unit 10	Container Storage Area (Conex WM7)	1	2001	N	N	N	N
Permitted Unit 11	Container Storage Area (Conex WM8)	1	2001	N	N	N	N
Permitted Unit 36	Bldgs 11-9 Tank	1	1999	N	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
Permitted Unit 37	Bldg 11-9 Tank	1	1999	N	N	N	N
Permitted Unit 38	Bldg 11-15a Tank	1	1999	N	N	N	N
Permitted Unit 39	Bldg 11-15a Tank	1	1999	N	N	N	N
Permitted Unit 40	Bldg 11-9 Container Storage Area	1	2002	D&D	N	N	N
Permitted Unit 46	Container Storage Area (Conex WM1-A)	1	1998	N	N	N	N
Permitted Unit 47	Container Storage Area (Conex WM1-B)	1	1998	N	N	N	N
Permitted Unit 48	Container Storage Area (Conex WM3-A)	1	1998	N	N	N	N
Permitted Unit 49	Container Storage Area (Conex WM5-A)	1	1998	N	N	N	N
Permitted Unit 50	Container Storage Area (Conex WM5-B)	1	1998	N	N	N	N
Permitted Unit 52	Igloo 4-46 Storage	1	1998	N	N	N	N
Permitted Unit 54	Igloo 4-74 Storage	1	1998	N	N	N	N
Permitted Unit 8	Container Storage Area (Conex WM5)	1	2001	N	N	N	N

Corrective/ Remedial Action Release Unit #	Corrective/Remedial Action Unit Description	RRS Closure	Closure Date	ICM/ Remedial Action	Institutional Control Required	LTM Groundwater Required?	Inspection/ Maintenance Required?
Permitted Unit 9	Container Storage Area (Conex WM6)	1	2001	N	N	N	N
SWMU 108	Bldg 12-68 Batch Master	1	1997	D&D	N	N	N
SWMU 130	Portable Waste Solvent Tanks	1	2001	Excavation	N	N	N
SWMU 133	UST #30, Waste Oil Tank at Bldg 16-1	1	1999	N	N	N	N
SWMU 79a	11-7A (Unit 41) Container	1	2005	N	N	N	N
SWMU 79b	11-7B Pad (Unit 42) Container	1	2005	N	N	N	N
SWMU 80	Container Storage Area Conex 1 (Permitted Unit 4) in Zone 4	1	2000	N	N	N	N
SWMU 80	Container Storage Area Conex 2 (Permitted Unit 5) in Zone 4	1	2000	N	N	N	N
SWMU 80	Container Storage Area Conex 3 (Permitted Unit 6) in Zone 4	1	2000	N	N	N	N
SWMU 80	Container Storage Area Conex 4 (Permitted Unit 7) in Zone 4	1	2000	N	N	N	N
SWMU 81	Mixed Waste Storage, Magazine 4-19	1	1993	N	N	N	N
Unassigned	UST #9 Bldg 12-17E	1	2004	Tank Removal / Excavation	N	N	N
Unassigned	UST #7 Bldg 12-5B	1	1999	Tank Removal / Excavation	N	N	N
Unassigned	UST #38 Bldg 12-98	1	1999	Tank Removal / Excavation	N	N	N
Unassigned	UST #39 North of Bldg 12-84A	1	1999	Tank Removal / Excavation	N	N	N

*SWMUs 14-27 at the Burning Ground consist of old burn pads that were carried through investigation and cleanup. Also included with those burn pads is an ash disposal trench that resulted from the disposal of ash from the burn pads. The final remedy for SWMUs 14-27 was a soil cover over the trench that must be inspected and maintained as necessary.

Administrative Closure – These sites were identified as potential release sites as part of the RCRA Facility Assessment. No evidence of release could be found upon further investigation, so these sites were not considered as a solid waste management unit and were closed.

RRS 1 – The sites were investigated and determined that all wastes and media were within background concentrations or below the PQL. These sites were closed with no further controls required.

RRS 2 – All wastes and contaminated media were remediated to health-based cleanup levels. Additionally, an ecological risk evaluation determined these sites posed no risk to the environment. These sites do not require post-closure care; however, deed recordation of the contaminated area was completed and the sites were restricted to industrial use.

RRS 3 - These sites required a human health and ecological risk assessment to determine the areas that required remedial action. All sites required deed recordation of the contamination, restriction of property use to industrial, and appropriate institutional controls to prevent contaminated groundwater usage and cross-contamination from perched groundwater to the drinking water aquifer. Some of these sites also require post-closure care such as maintenance of soil covers, fencing, and ditch liners.

Active – These sites are still in use for their intended purpose. These sites will undergo a full investigation and cleanup process once the site is no longer used by Pantex.

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Appendix B

Extraction Well Flow Data

B. Extraction Well Flow Calculations

The flows included here have been calculated from information obtained from each pump and treat system at Pantex.

The P1PTS data acquisition system recorded hourly flow rates and well operation time. This was used to calculate the total flow from each well by month. The system also records total influent flow rates and total volume each day. 2021 SEPTS flow data was recorded in the I-Historian software and average hourly flow rates were downloaded from the I-Historian database. The total flow discussed in Section 2 is based on the influent flow volume which is easily calibrated and closely tracked. Because flow rates and operational status of the well is recorded hourly rather than each minute, there will be some inconsistencies between the total calculated flow from the wells vs. the influent flow into the system. These well flow calculations provide a basis for understanding the flow rate for each well, the amount of downtime, and allows for tracking of pumping rates for the wells. Changes in these rates can trigger maintenance at the wells.

B.1. P1PTS Flow Volumes

The P1PTS system was in its thirteenth full year of operation. The system only operated one week per quarter to allow the SEPTS to be fully operated.

Table B-11 presents the downtime contributors. Pumping was primarily affected by shutdown to allow SEPTS to operate fully, loss of paging system, and COVID-19 shutdown. The loss of paging system required the system to only operate during the day when workers were present. When the system was operating, flow was restricted due to the loss of the irrigation system, which required water to be released to Playa 1. Flow to Playa 1 is restricted by permit.

Table B-1. P1PTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions
January	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-70
February	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-70
March	Paging issues, only operated 1 week, 8 hr/day	EW-70
April	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-70
May	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-70
June	Paging issues, only operated one week, 9 hr/day	EW-81 EW-70
July	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-81 EW-70
August	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-81 EW-70

Month	Operational Contributor	Well Contributions
September	Paging issues, only operated one week, 9 hr/day	EW-81 EW-70
October	Irrigation System/Playa 1 restrictions, SEPTS operation	EW-81 EW-70
November	Irrigation System/Playa 1 restrictions, SEPTS operation	None
December	SEPTS operation, paging issues, only operated one week, 8 hr/day	None

B.2. SEPTS Flow Volumes

The SEPTS has been operating since 1995 when it started as a treatability study. It has been expanded to become a corrective action for the southeastern portion of the perched groundwater plumes.

Operation of the system was affected by carbon change-outs, weather issues, communication issues, paging issues, and power outages. Well operation time has also been impacted by various electrical, pump, and control problems, and the prioritization of pumping from the well field. As discussed in Section 2, the SEPTS, as designed, can treat up to 300 gpm, although the system can exceed 300 gpm at times. Since the system well field capacity exceeds 300 gpm, pumping priorities were established for extraction well operation (see Figure 2-9 in Section 2). Due to decline in water levels, future pumping is expected to be impacted and pumping prioritization will no longer be required.

Table B-2 provides a summary of well downtime contributions by month. SEPTS operated consistently through the year due to the shutdown of P1PTS. During 2021, well downtime impacted flow. PTX06-EW-10 and PTX06-EW-51 were shut down in 2021 due to the increasing concentrations of perchlorate observed at the wells. These wells are shut down until a perchlorate pre-treatment system is designed and installed. The new wells east of FM 2373, PTX06-EW-86 through PTX06-EW-88, were down variably. Water levels at PTX06-EW-83 through PTX06-EW-85 have declined to the point they can no longer be operated. Several high priority wells are not operating due to low water levels. Several wells required repair during 2021. To address the continued issues, a new electrical contract was started during 2021, allowing for quicker response to well repair. Nine wells were repaired by the end of 2021.

Injection was started in July 2017 after the break at the filter bank and continues to provide an outlet for a portion of the SEPTS flow. Repairs were made to the filter bank, but repairs were then required to the subsurface system, with communication issues arising that also required repair. All issues were addressed in early 2022 and limited operation of the system began. However, the WWTF ponds require maintenance in 2022 and are expected to impact operation of the subsurface irrigation system, as storage capacity will be limited during the maintenance period. The pivot

irrigation system started construction in December 2021 and is expected to be commissioned for use in late 2022. Injection is expected to be part of the operation strategy for SEPTS until the pivot irrigation system is operational in late 2022.

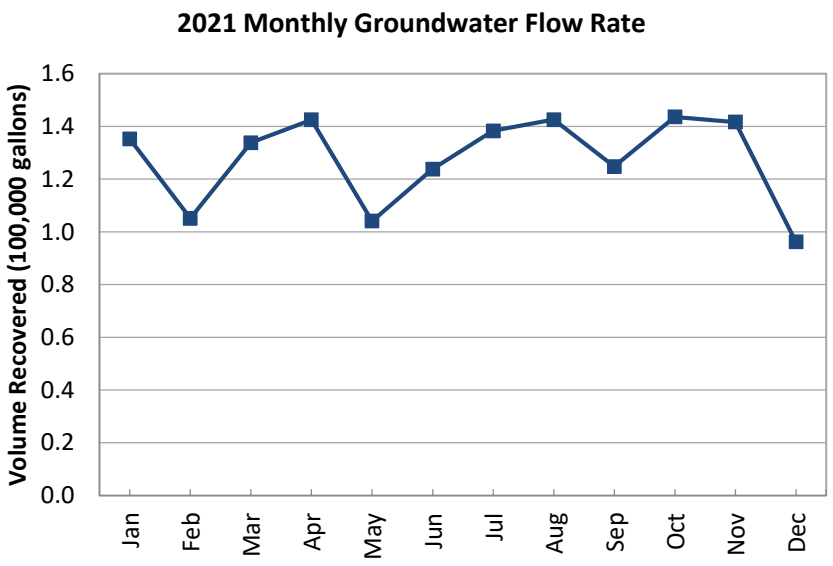
Table B-2. SEPTS Well Downtime Contributors

Month	Operational Contributor	Well Contributions
Jan	GAC exchange	EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
Feb	Weather	EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
Mar	GAC exchange	EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
Apr	Paging Issues	EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
May	Paging and alarm issues, primarily paging	EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
Jun	Communication Failures	EW-15, EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-70, Perchlorate Wells
Jul	Power Failure	EW-15, EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-66, EW-70, Perchlorate Wells
Aug	None	EW-12, EW-15, EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-66, EW-70, Perchlorate Wells
Sep	None	EW-12, EW-15, EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-66, EW-70, EW-65, EW-66, EW-70, Perchlorate Wells
Oct	GAC exchange	EW-12, EW-15, EW-20, EW-22, EW-53, EW-54, EW-57, EW-65, EW-66, EW-70, EW-65, EW-66, EW-70, Perchlorate Wells
Nov	None	EW-12, EW-15, EW-53, EW-54, EW-57, EW-66, Perchlorate Wells
Dec	None	EW-53, Perchlorate Wells

Perchlorate wells include PTX06-EW-10 and PTX06-EW-51

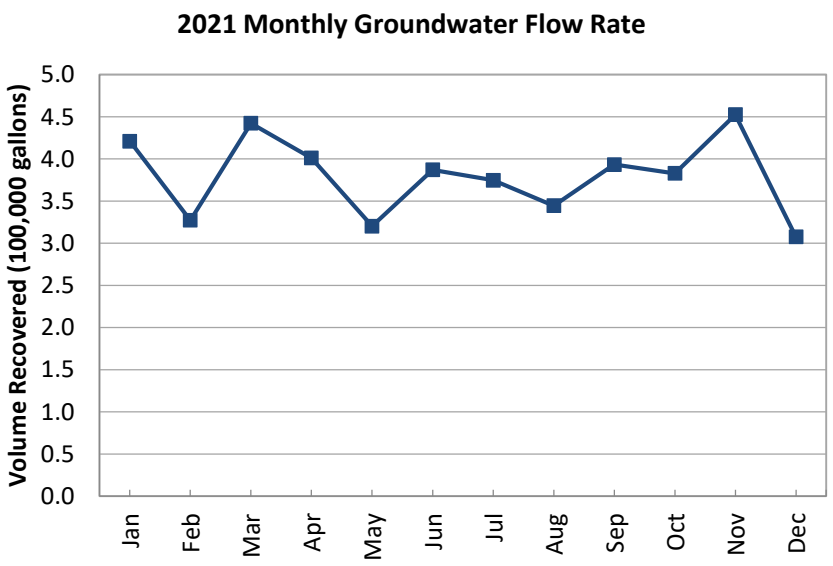
Southeast Pump and Treat System

PTX06-EW-1



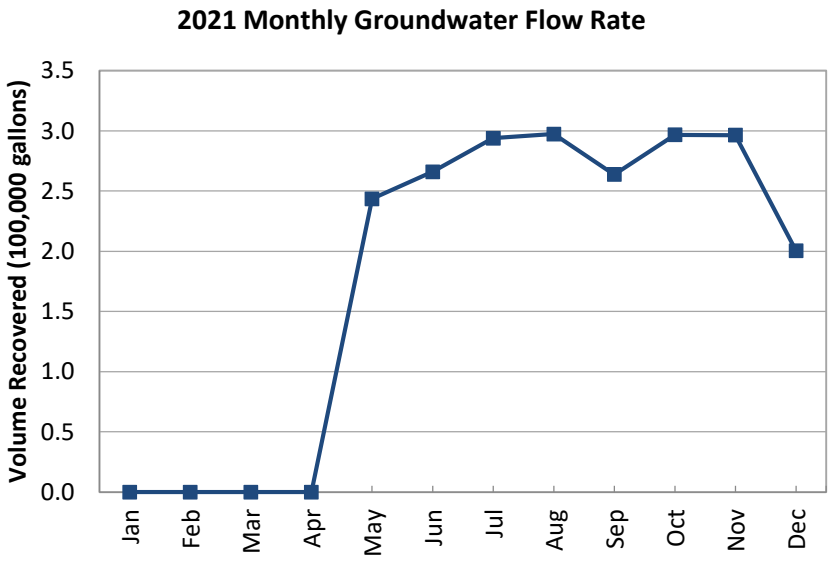
Month	Volume Recovered (gallons)
Jan	135,267
Feb	105,165
Mar	133,918
Apr	142,557
May	104,138
Jun	123,802
Jul	138,372
Aug	142,628
Sep	124,802
Oct	143,634
Nov	141,714
Dec	96,226
Total	**1,532,223**

PTX06-EW-2



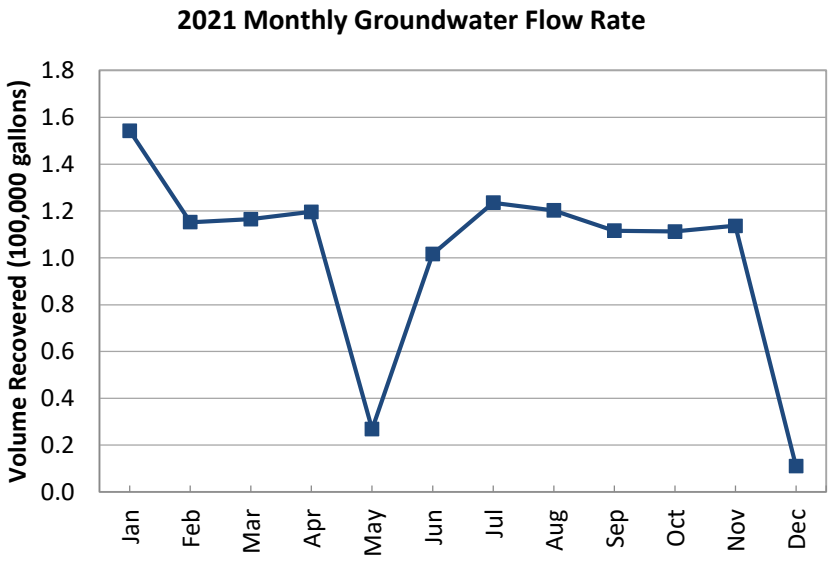
Month	Volume Recovered (gallons)
Jan	421,149
Feb	327,239
Mar	442,470
Apr	401,101
May	320,215
Jun	387,185
Jul	374,902
Aug	344,725
Sep	393,435
Oct	382,928
Nov	452,612
Dec	307,568
Total	**4,555,529**

PTX06-EW-3



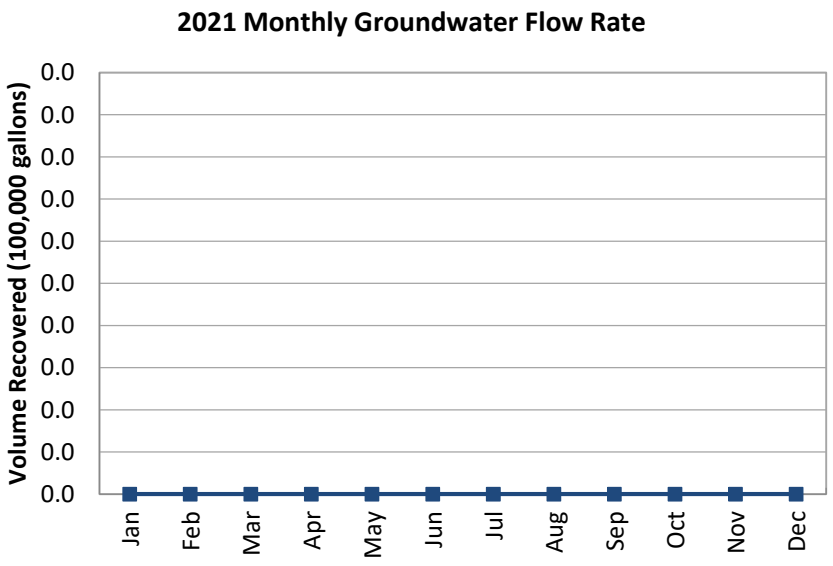
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	243,558
Jun	266,143
Jul	293,892
Aug	297,439
Sep	263,910
Oct	296,780
Nov	296,504
Dec	200,611
Total	**2,158,837**

PTX06-EW-4



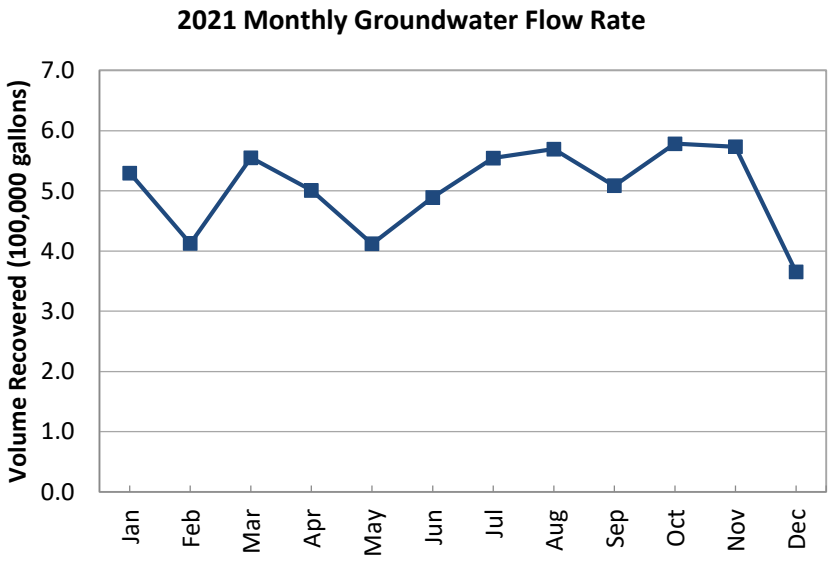
Month	Volume Recovered (gallons)
Jan	154,277
Feb	115,201
Mar	116,505
Apr	119,661
May	26,817
Jun	101,620
Jul	123,543
Aug	120,261
Sep	111,539
Oct	111,224
Nov	113,643
Dec	11,064
Total	**1,225,355**

PTX06-EW-7



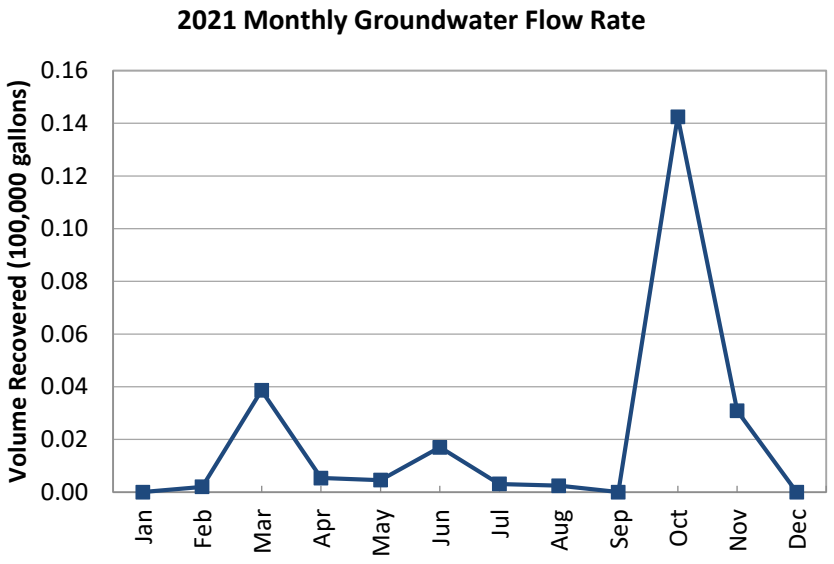
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-9



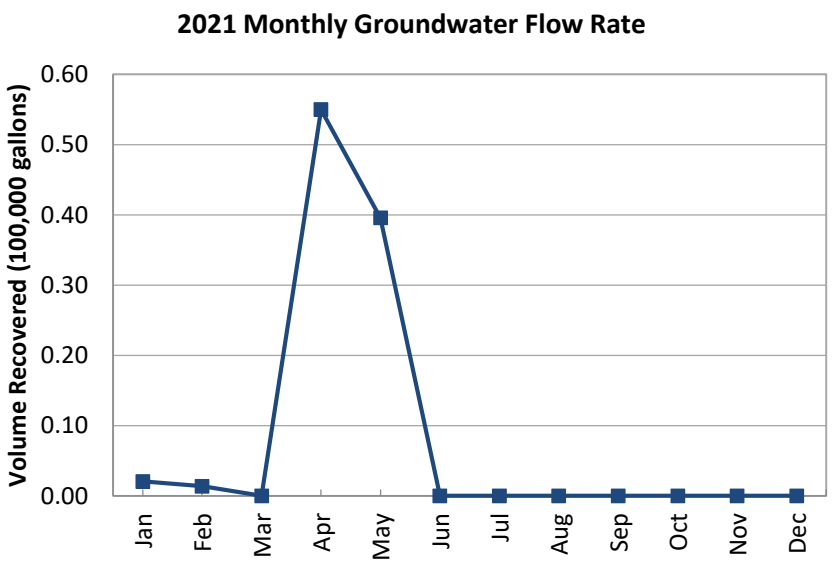
Month	Volume Recovered (gallons)
Jan	529,492
Feb	412,627
Mar	555,114
Apr	500,895
May	411,967
Jun	489,342
Jul	554,435
Aug	569,261
Sep	508,517
Oct	578,463
Nov	573,337
Dec	365,758
Total	**6,049,208**

PTX06-EW-10



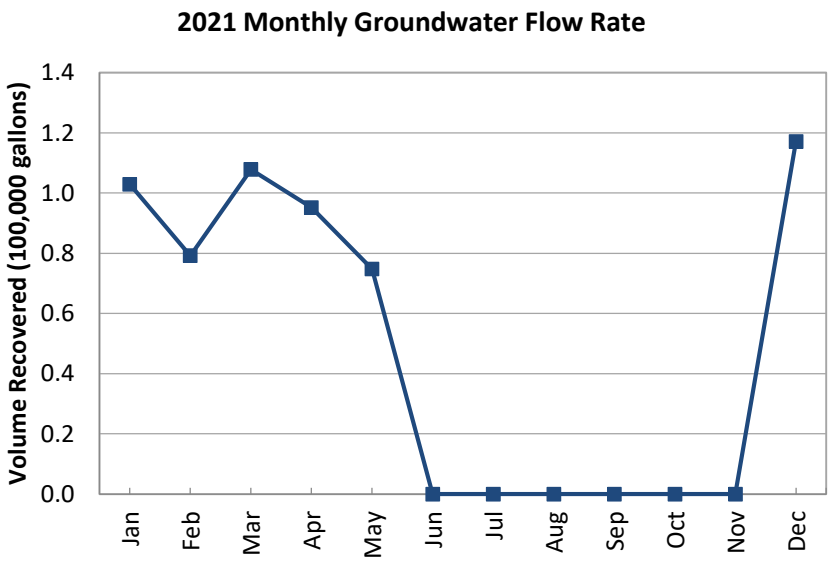
Month	Volume Recovered (gallons)
Jan	0
Feb	205
Mar	3,865
Apr	535
May	457
Jun	1,703
Jul	312
Aug	245
Sep	0
Oct	14,248
Nov	3,089
Dec	0
Total	**24,659**

PTX06-EW-12



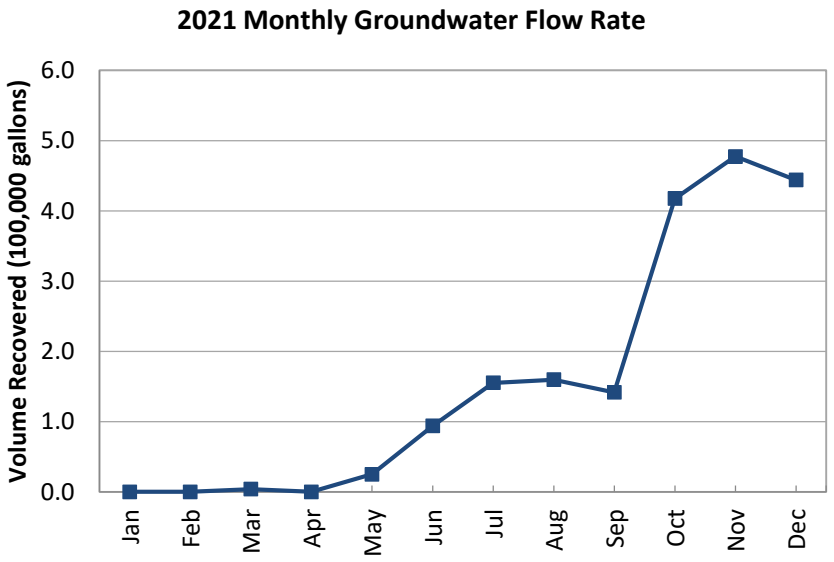
Month	Volume Recovered (gallons)
Jan	2,061
Feb	1,378
Mar	0
Apr	54,998
May	39,600
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**98,037**

PTX06-EW-15



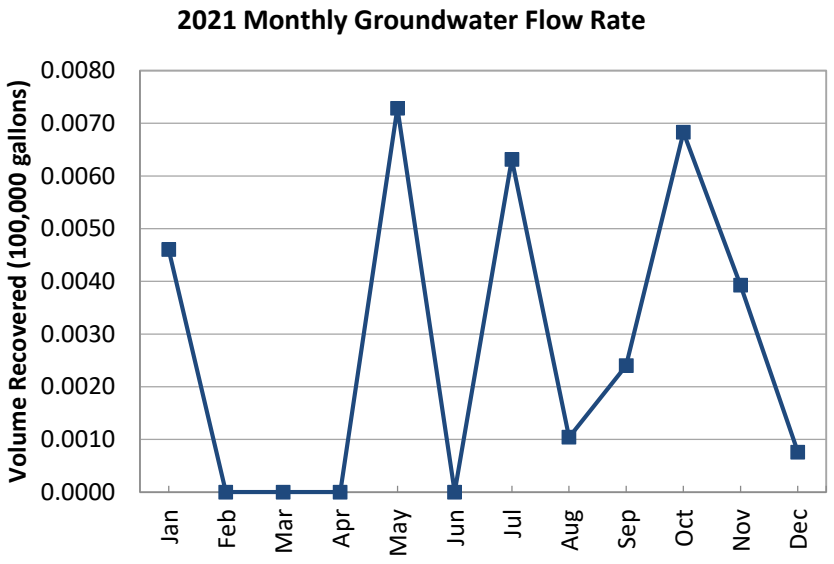
Month	Volume Recovered (gallons)
Jan	102,916
Feb	79,237
Mar	107,886
Apr	95,172
May	74,768
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	117,151
Total	**577,130**

PTX06-EW-16



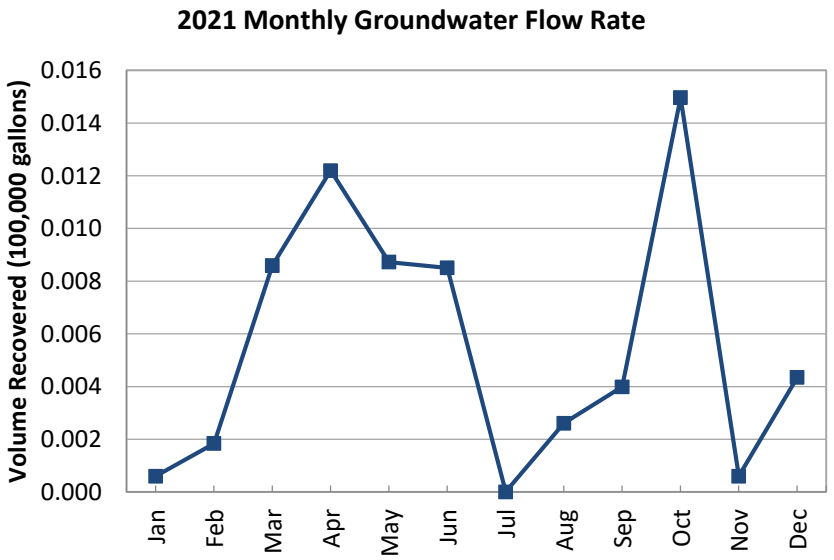
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	4,005
Apr	95
May	25,053
Jun	94,015
Jul	155,353
Aug	160,016
Sep	141,771
Oct	417,753
Nov	477,602
Dec	444,039
Total	**1,919,702**

PTX06-EW-17



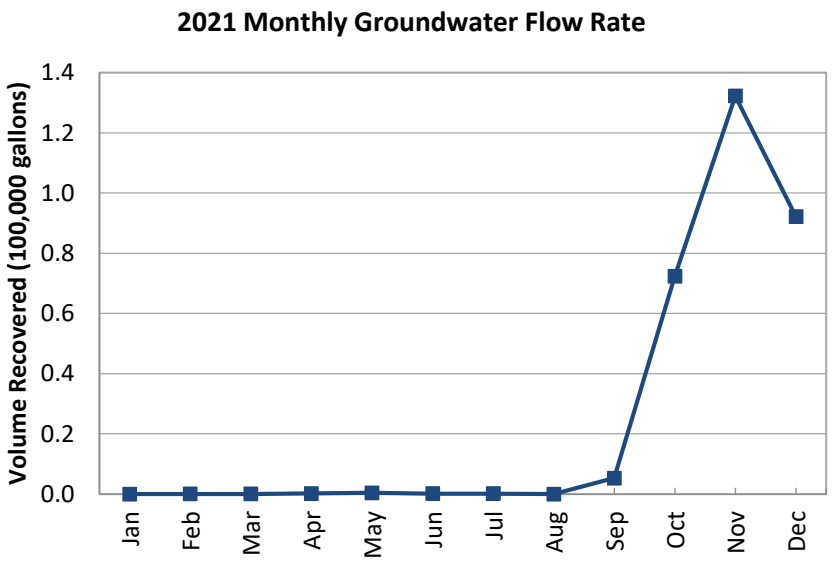
Month	Volume Recovered (gallons)
Jan	461
Feb	0
Mar	0
Apr	0
May	729
Jun	0
Jul	632
Aug	104
Sep	240
Oct	683
Nov	393
Dec	76
Total	**3,318**

PTX06-EW-18



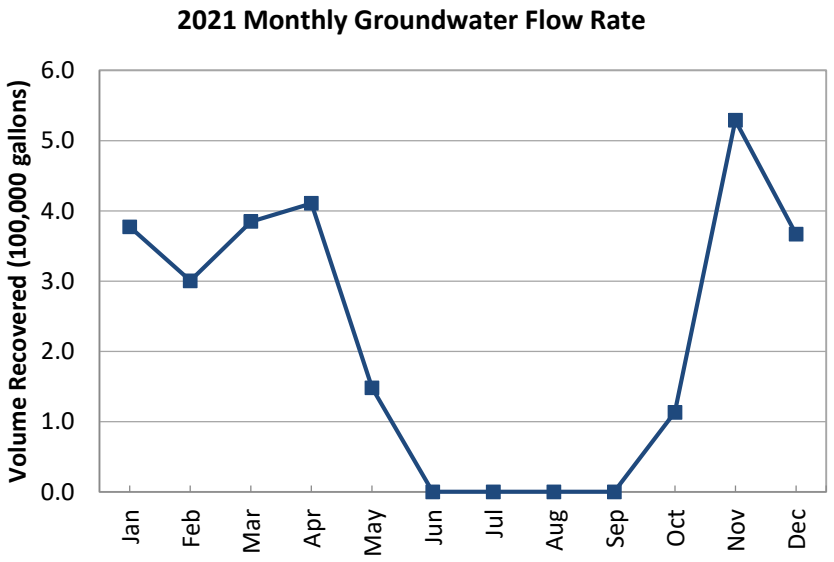
Month	Volume Recovered (gallons)
Jan	60
Feb	184
Mar	860
Apr	1,220
May	873
Jun	851
Jul	0
Aug	261
Sep	399
Oct	1,497
Nov	60
Dec	435
Total	**6,700**

PTX06-EW-19



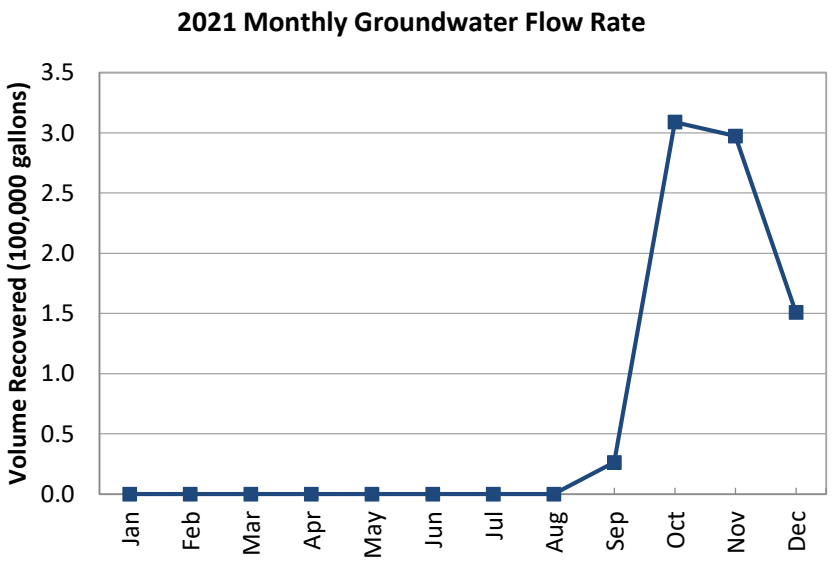
Month	Volume Recovered (gallons)
Jan	0
Feb	61
Mar	64
Apr	263
May	476
Jun	161
Jul	187
Aug	0
Sep	5,336
Oct	72,357
Nov	132,272
Dec	92,193
Total	**303,370**

PTX06-EW-20



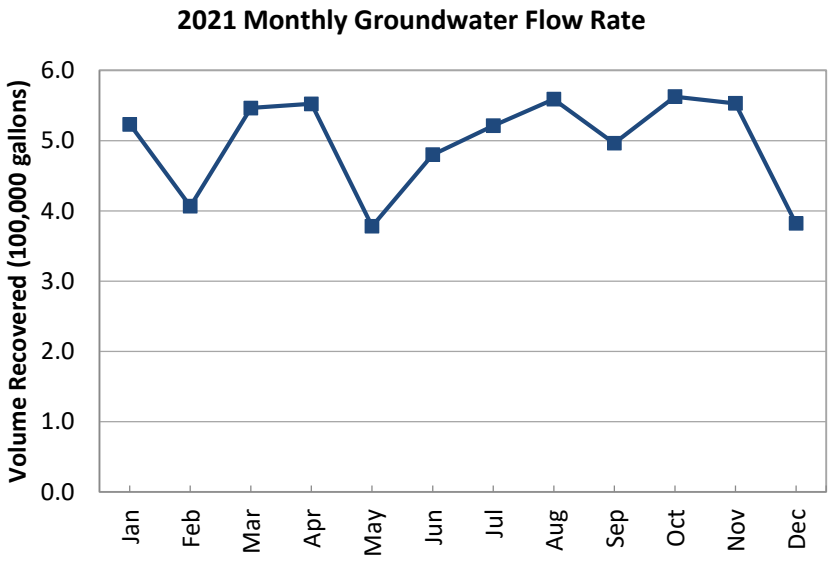
Month	Volume Recovered (gallons)
Jan	377,197
Feb	300,584
Mar	385,082
Apr	410,838
May	148,221
Jun	0
Jul	0
Aug	0
Sep	0
Oct	113,394
Nov	529,257
Dec	366,938
Total	**2,631,511**

PTX06-EW-22



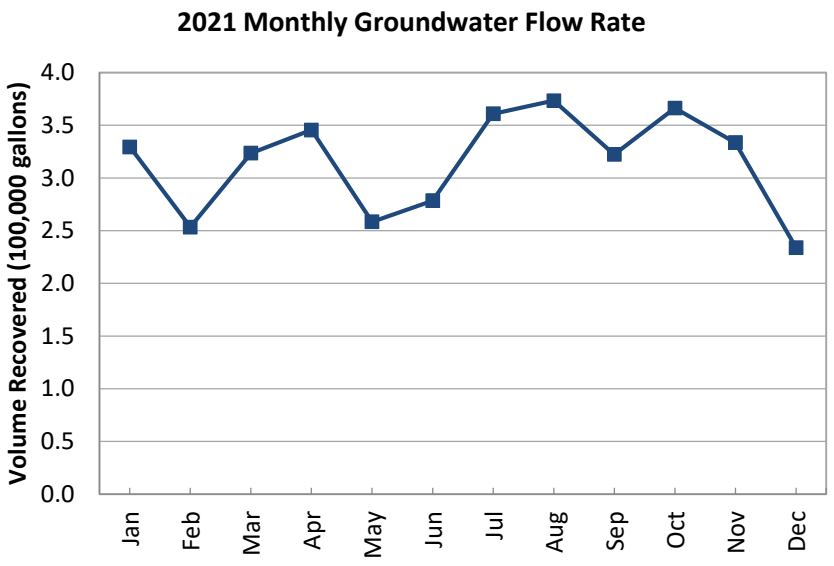
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	26,376
Oct	308,924
Nov	297,424
Dec	150,889
Total	**783,613**

PTX06-EW-23



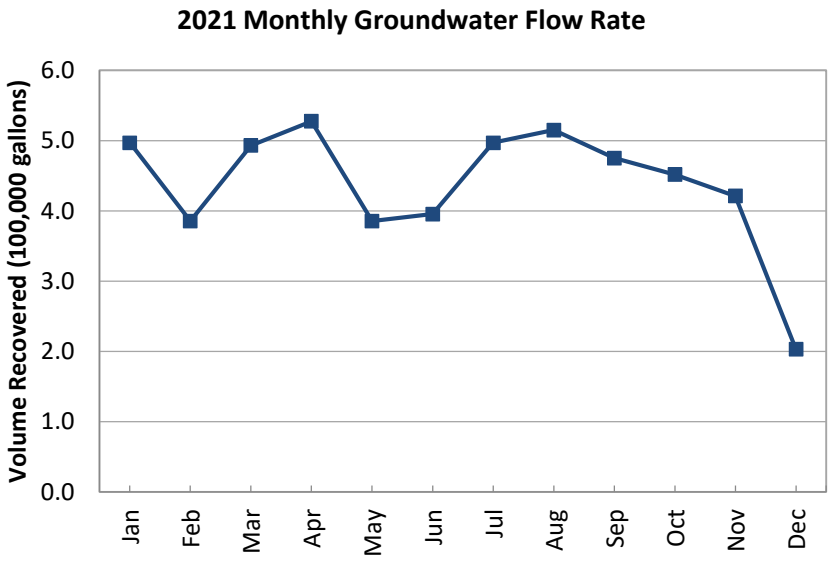
Month	Volume Recovered (gallons)
Jan	523,429
Feb	406,869
Mar	546,630
Apr	552,511
May	378,078
Jun	480,108
Jul	521,501
Aug	559,184
Sep	496,515
Oct	562,728
Nov	553,330
Dec	382,271
Total	**5,963,154**

PTX06-EW-24



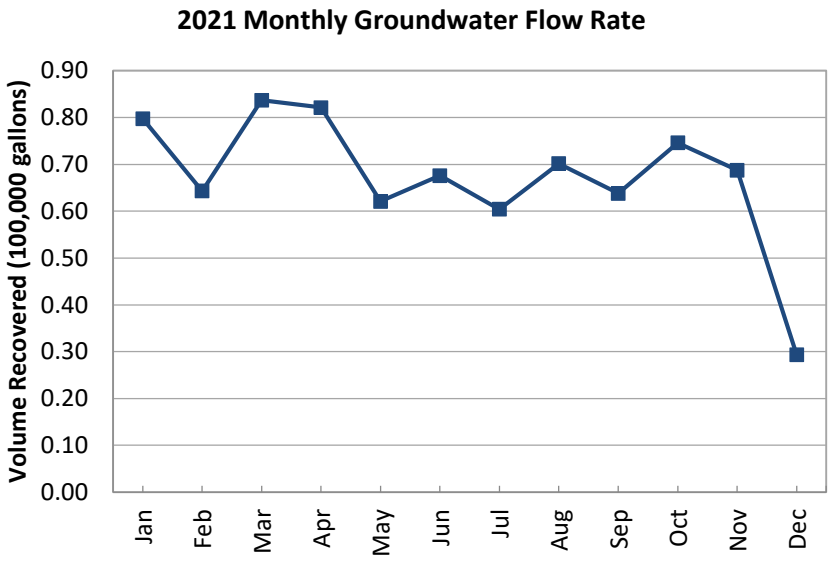
Month	Volume Recovered (gallons)
Jan	329,632
Feb	253,427
Mar	323,737
Apr	345,633
May	258,529
Jun	278,432
Jul	360,897
Aug	373,590
Sep	322,456
Oct	366,401
Nov	333,740
Dec	234,017
Total	**3,780,491**

PTX06-EW-25



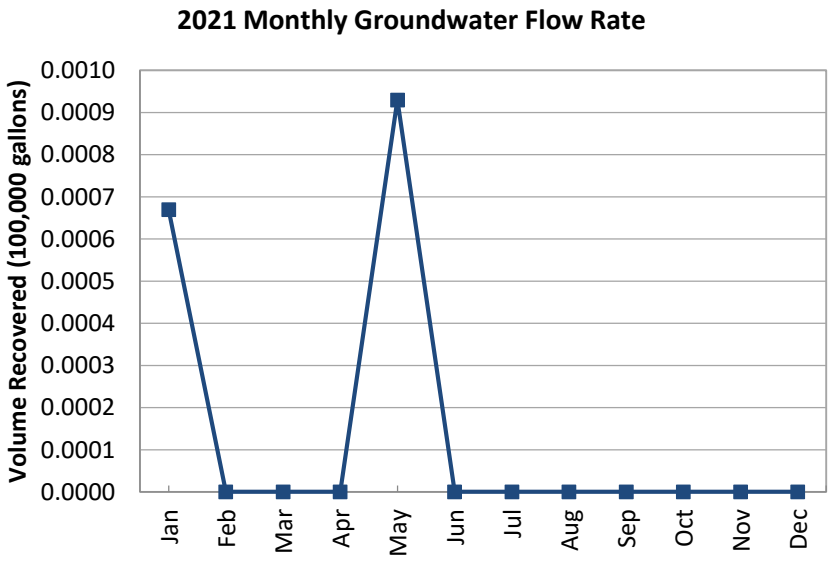
Month	Volume Recovered (gallons)
Jan	497,059
Feb	385,790
Mar	493,156
Apr	527,875
May	385,629
Jun	395,616
Jul	497,202
Aug	515,313
Sep	475,302
Oct	451,765
Nov	421,408
Dec	203,193
Total	**5,249,308**

PTX06-EW-26



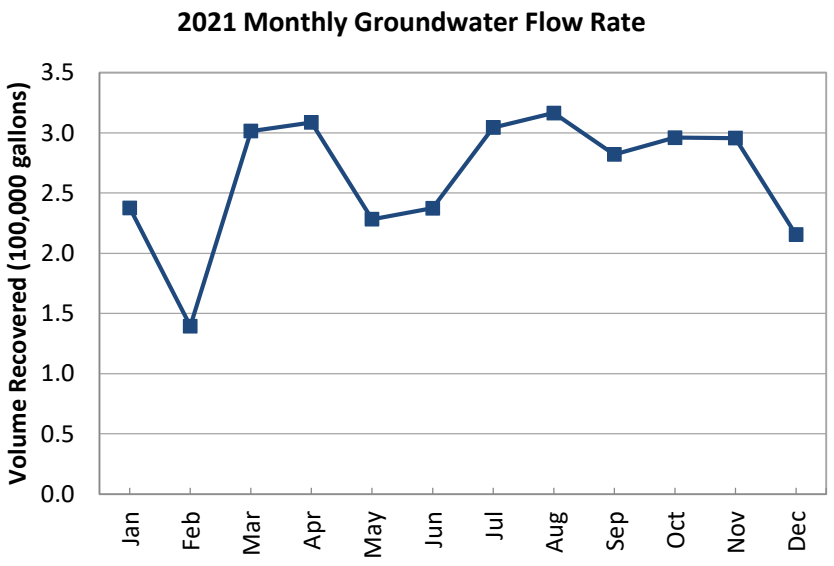
Month	Volume Recovered (gallons)
Jan	79,757
Feb	64,292
Mar	83,715
Apr	82,123
May	62,074
Jun	67,619
Jul	60,404
Aug	70,162
Sep	63,794
Oct	74,594
Nov	68,777
Dec	29,330
Total	**806,641**

PTX06-EW-27



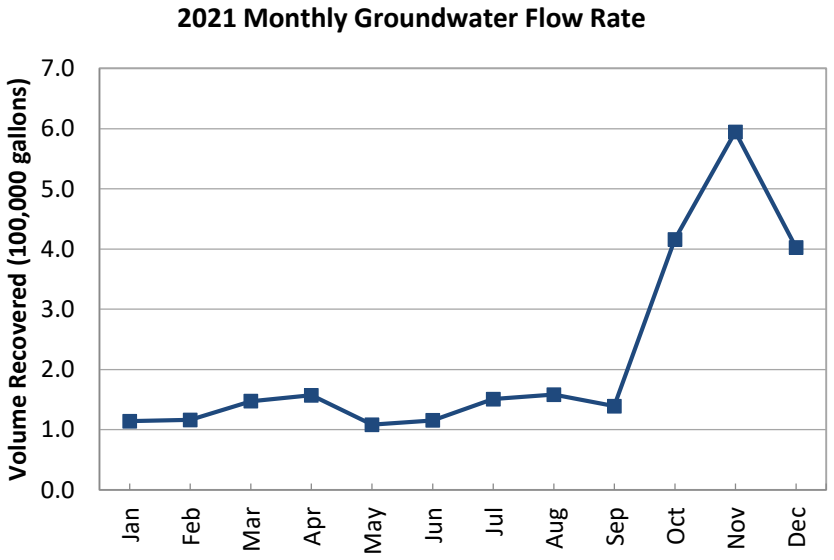
Month	Volume Recovered (gallons)
Jan	67
Feb	0
Mar	0
Apr	0
May	93
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**160**

PTX06-EW-28



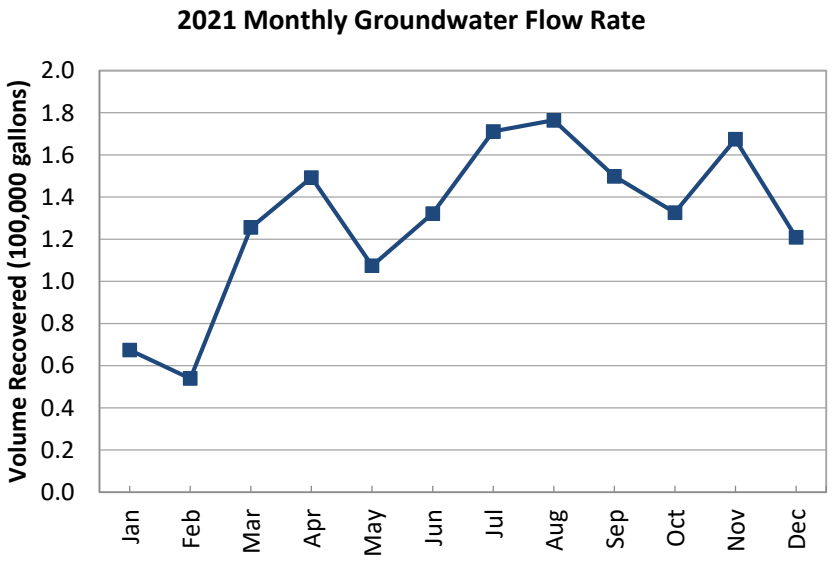
Month	Volume Recovered (gallons)
Jan	237,527
Feb	139,558
Mar	301,545
Apr	308,708
May	228,262
Jun	237,457
Jul	304,428
Aug	316,559
Sep	282,145
Oct	296,092
Nov	295,707
Dec	215,514
Total	**3,163,502**

PTX06-EW-29



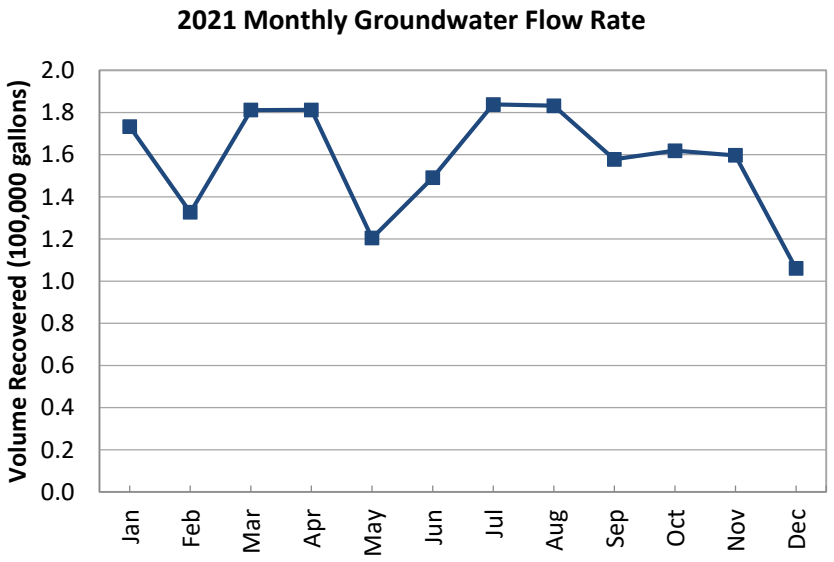
Month	Volume Recovered (gallons)
Jan	114,197
Feb	116,208
Mar	147,427
Apr	157,042
May	108,288
Jun	115,488
Jul	150,717
Aug	158,328
Sep	138,988
Oct	415,987
Nov	594,784
Dec	402,770
Total	**2,620,224**

PTX06-EW-30



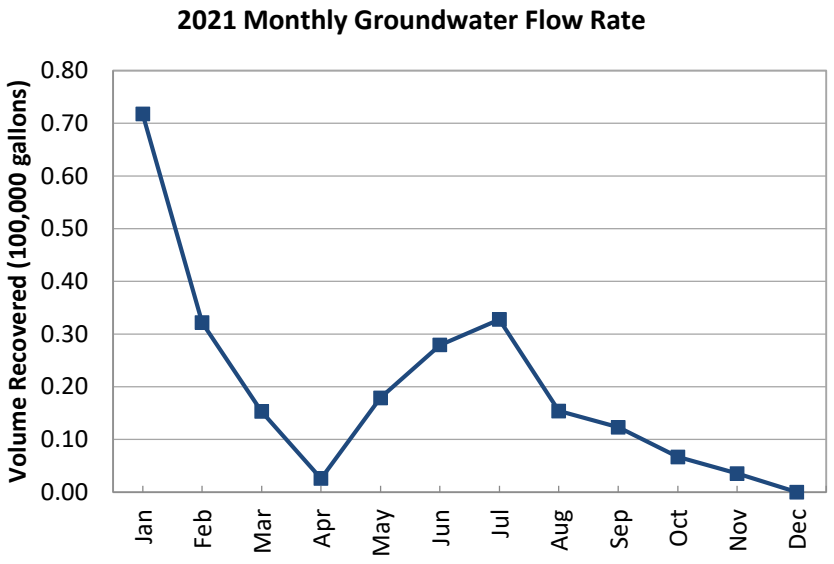
Month	Volume Recovered (gallons)
Jan	67,445
Feb	53,900
Mar	125,611
Apr	149,350
May	107,397
Jun	132,187
Jul	171,165
Aug	176,455
Sep	149,916
Oct	132,658
Nov	167,442
Dec	121,021
Total	**1,554,547**

PTX06-EW-31



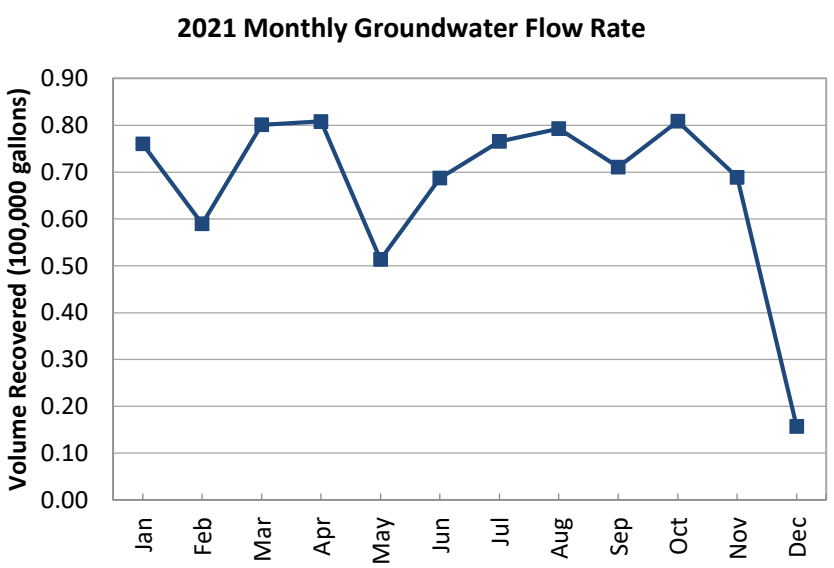
Month	Volume Recovered (gallons)
Jan	173,330
Feb	132,757
Mar	181,250
Apr	181,346
May	120,486
Jun	149,110
Jul	183,896
Aug	183,254
Sep	157,795
Oct	161,921
Nov	159,702
Dec	106,077
Total	**1,890,924**

PTX06-EW-32



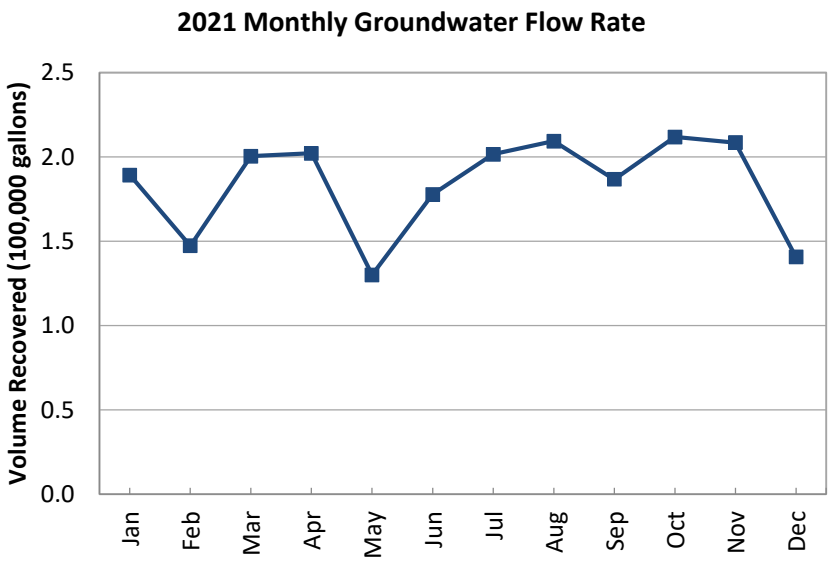
Month	Volume Recovered (gallons)
Jan	71,780
Feb	32,184
Mar	15,320
Apr	2,602
May	17,891
Jun	27,931
Jul	32,771
Aug	15,413
Sep	12,307
Oct	6,694
Nov	3,530
Dec	0
Total	**238,423**

PTX06-EW-33



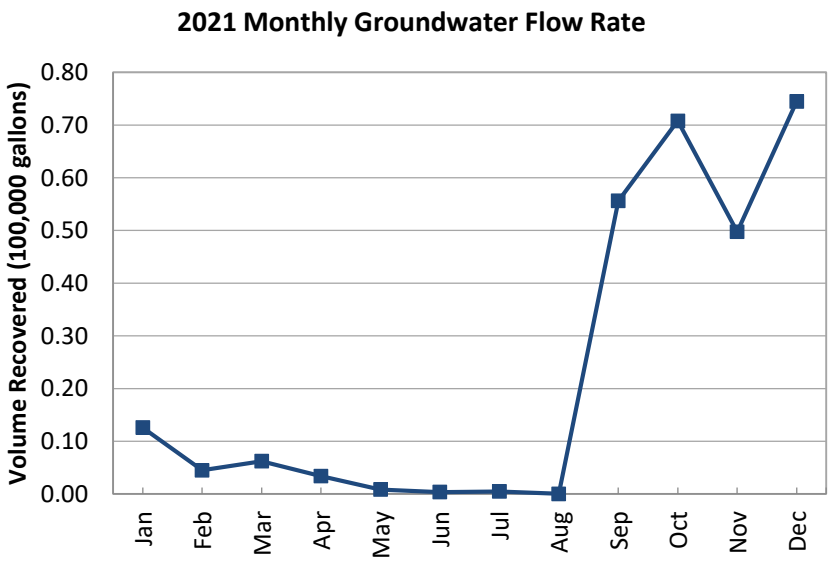
Month	Volume Recovered (gallons)
Jan	76,019
Feb	58,983
Mar	80,130
Apr	80,834
May	51,352
Jun	68,744
Jul	76,576
Aug	79,289
Sep	71,071
Oct	80,889
Nov	68,893
Dec	15,693
Total	**808,473**

PTX06-EW-34



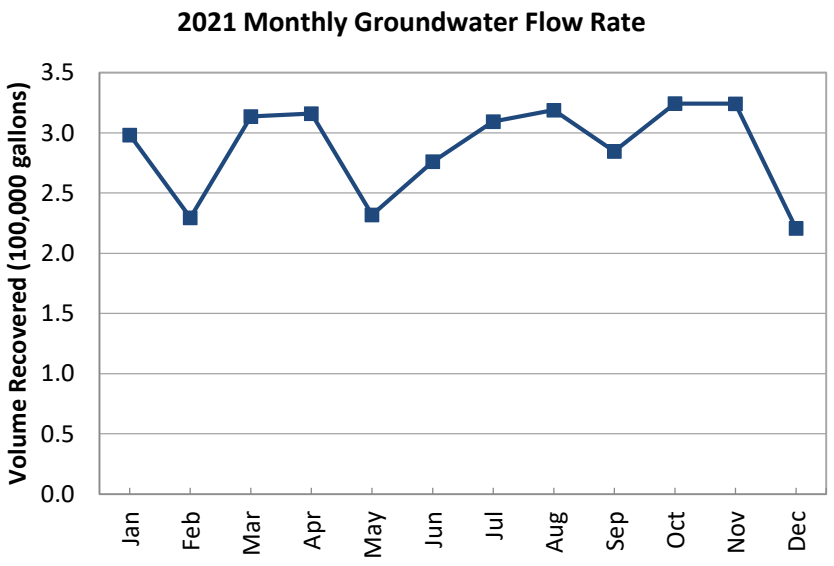
Month	Volume Recovered (gallons)
Jan	189,279
Feb	147,386
Mar	200,485
Apr	202,190
May	129,983
Jun	177,745
Jul	201,657
Aug	209,442
Sep	186,799
Oct	211,875
Nov	208,525
Dec	140,758
Total	**2,206,124**

PTX06-EW-35



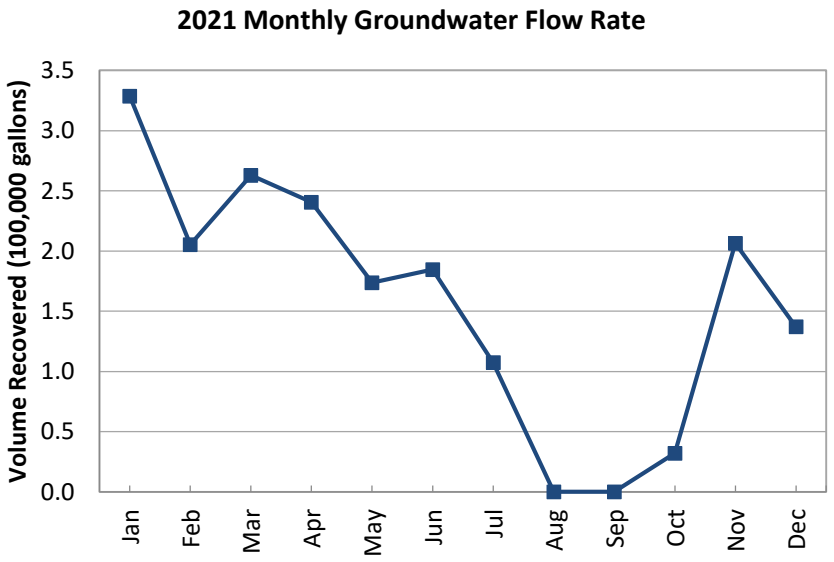
Month	Volume Recovered (gallons)
Jan	12,605
Feb	4,509
Mar	6,214
Apr	3,385
May	821
Jun	346
Jul	477
Aug	0
Sep	55,643
Oct	70,815
Nov	49,759
Dec	74,486
Total	**279,060**

PTX06-EW-36



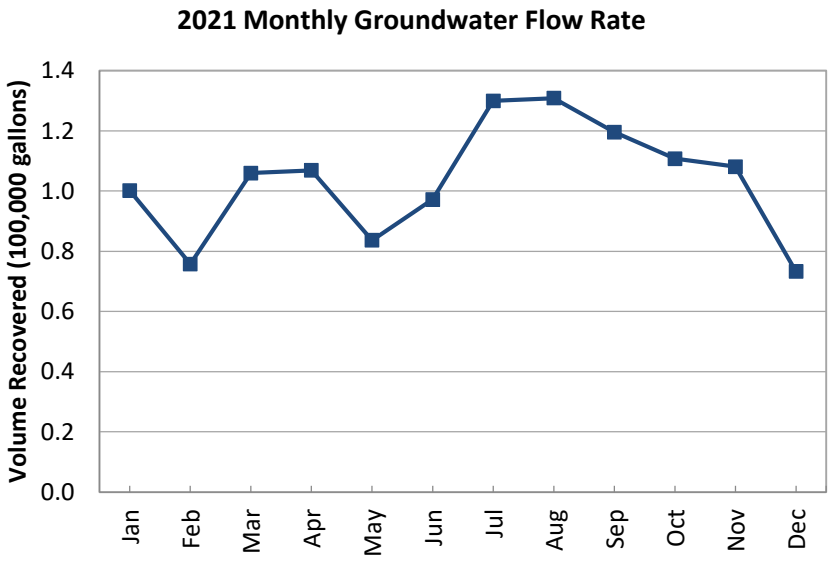
Month	Volume Recovered (gallons)
Jan	298,169
Feb	229,463
Mar	313,578
Apr	315,914
May	231,877
Jun	276,026
Jul	309,325
Aug	318,832
Sep	284,717
Oct	324,367
Nov	324,142
Dec	220,707
Total	**3,447,117**

PTX06-EW-37



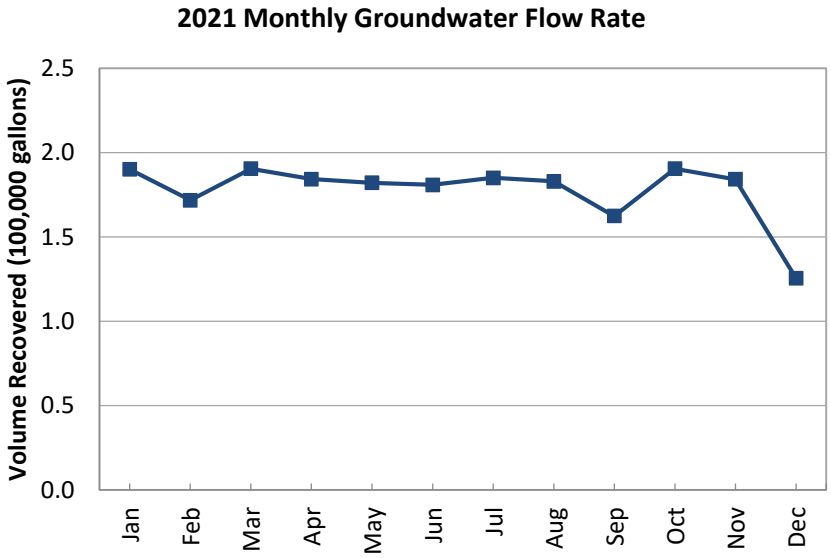
Month	Volume Recovered (gallons)
Jan	328,558
Feb	205,312
Mar	262,959
Apr	240,598
May	173,821
Jun	184,712
Jul	107,544
Aug	0
Sep	0
Oct	32,160
Nov	206,379
Dec	137,029
Total	**1,879,072**

PTX06-EW-38



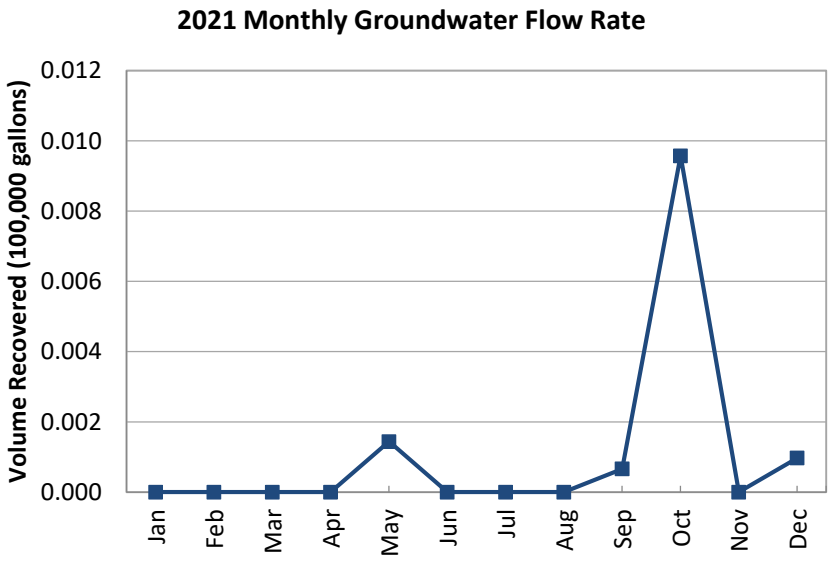
Month	Volume Recovered (gallons)
Jan	100,146
Feb	75,770
Mar	106,004
Apr	106,931
May	83,664
Jun	97,209
Jul	129,989
Aug	130,911
Sep	119,585
Oct	110,792
Nov	108,153
Dec	73,306
Total	**1,242,460**

PTX06-EW-39



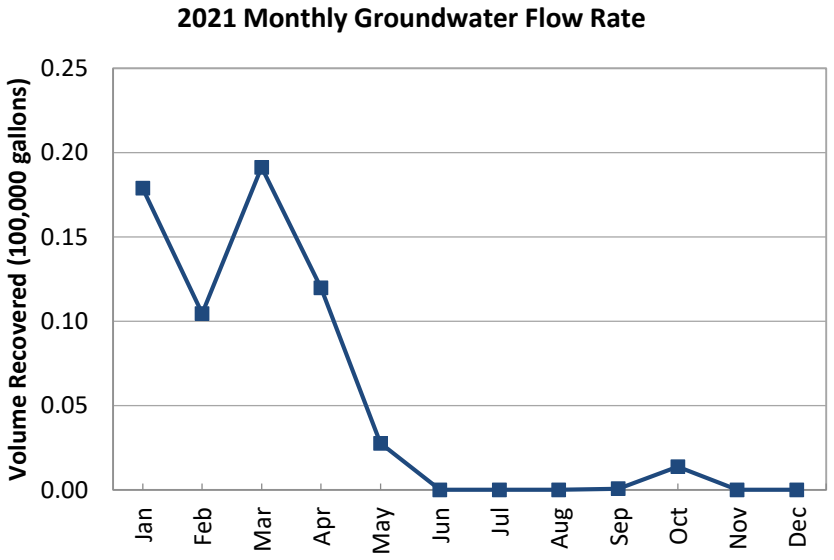
Month	Volume Recovered (gallons)
Jan	190,125
Feb	171,887
Mar	190,526
Apr	184,411
May	182,195
Jun	181,015
Jul	185,100
Aug	183,029
Sep	162,486
Oct	190,575
Nov	184,328
Dec	125,691
Total	**2,131,368**

PTX06-EW-40



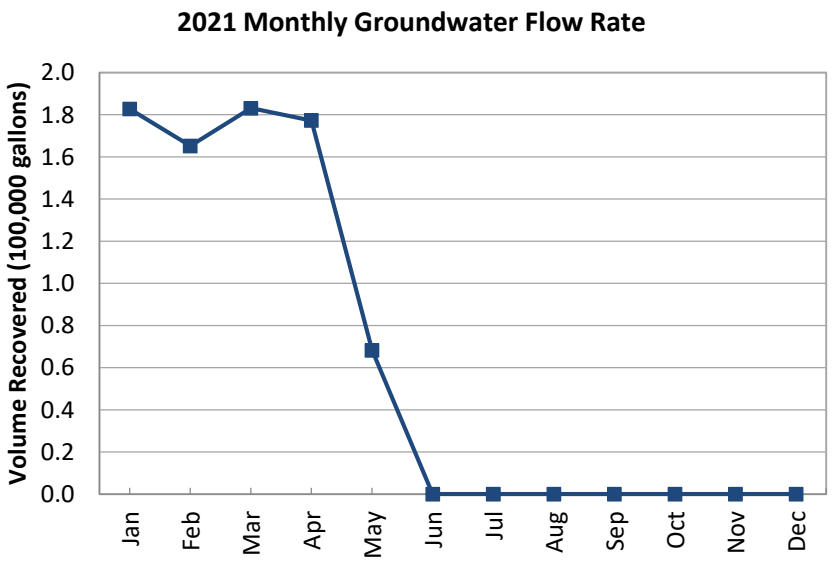
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	144
Jun	0
Jul	0
Aug	0
Sep	66
Oct	958
Nov	0
Dec	97
Total	**1,265**

PTX06-EW-41



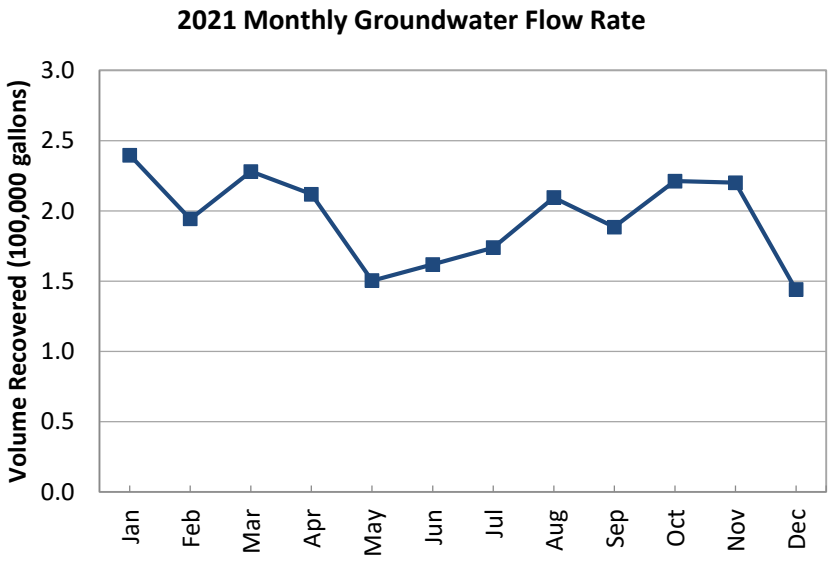
Month	Volume Recovered (gallons)
Jan	17,898
Feb	10,458
Mar	19,138
Apr	11,985
May	2,769
Jun	0
Jul	0
Aug	0
Sep	68
Oct	1,382
Nov	0
Dec	0
Total	**63,698**

PTX06-EW-42



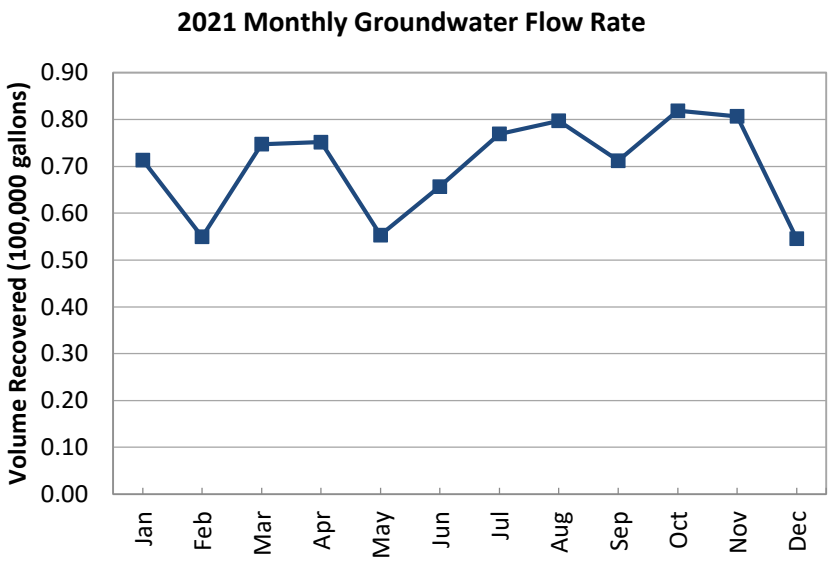
Month	Volume Recovered (gallons)
Jan	182,753
Feb	165,248
Mar	183,121
Apr	177,257
May	68,226
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**776,605**

PTX06-EW-43



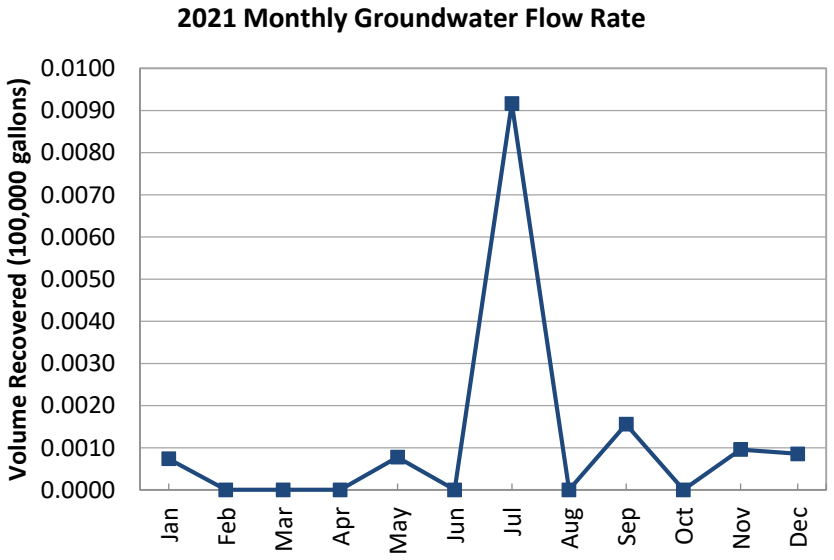
Month	Volume Recovered (gallons)
Jan	239,705
Feb	194,295
Mar	228,135
Apr	211,988
May	150,424
Jun	161,970
Jul	173,840
Aug	209,540
Sep	188,496
Oct	221,267
Nov	220,088
Dec	144,076
Total	**2,343,824**

PTX06-EW-44



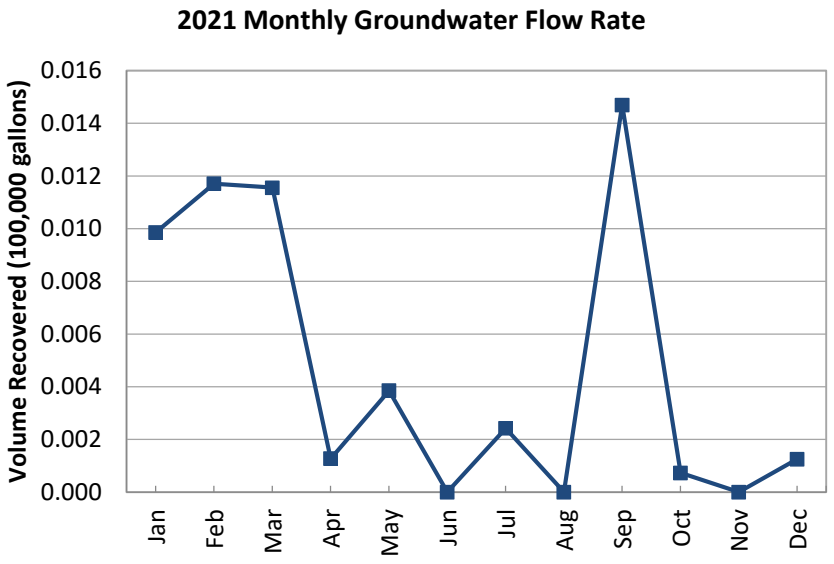
Month	Volume Recovered (gallons)
Jan	71,365
Feb	54,963
Mar	74,725
Apr	75,182
May	55,330
Jun	65,683
Jul	76,907
Aug	79,727
Sep	71,225
Oct	81,861
Nov	80,685
Dec	54,595
Total	**842,248**

PTX06-EW-45



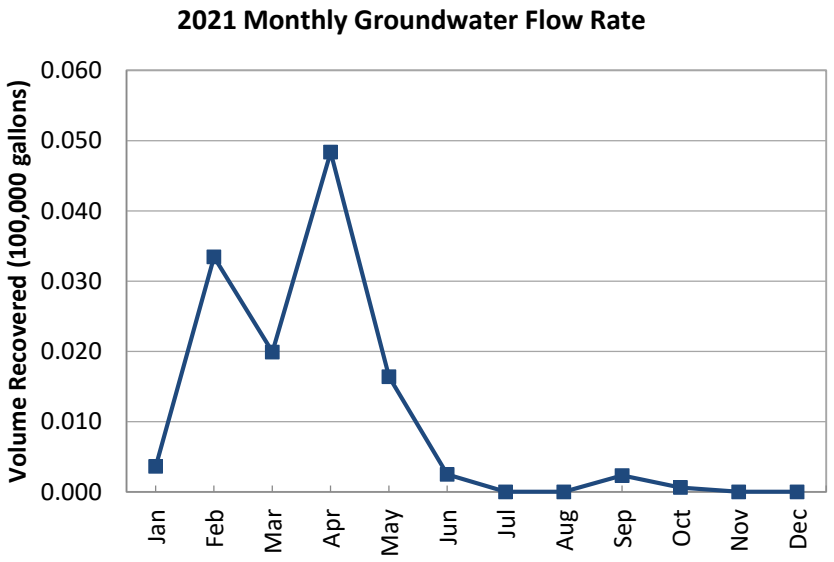
Month	Volume Recovered (gallons)
Jan	74
Feb	0
Mar	0
Apr	0
May	78
Jun	0
Jul	917
Aug	0
Sep	156
Oct	0
Nov	96
Dec	86
Total	**1,407**

PTX06-EW-46



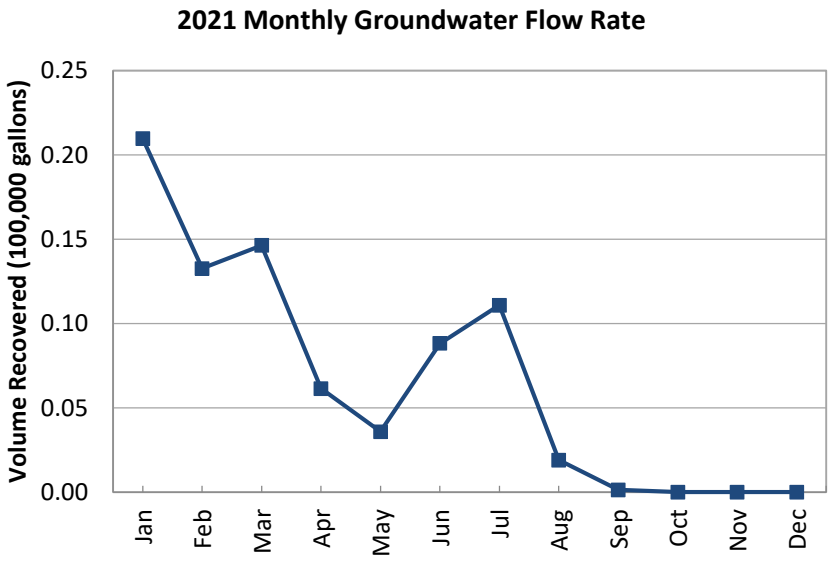
Month	Volume Recovered (gallons)
Jan	986
Feb	1,171
Mar	1,156
Apr	127
May	385
Jun	0
Jul	242
Aug	0
Sep	1,470
Oct	73
Nov	0
Dec	125
Total	**5,735**

PTX06-EW-48



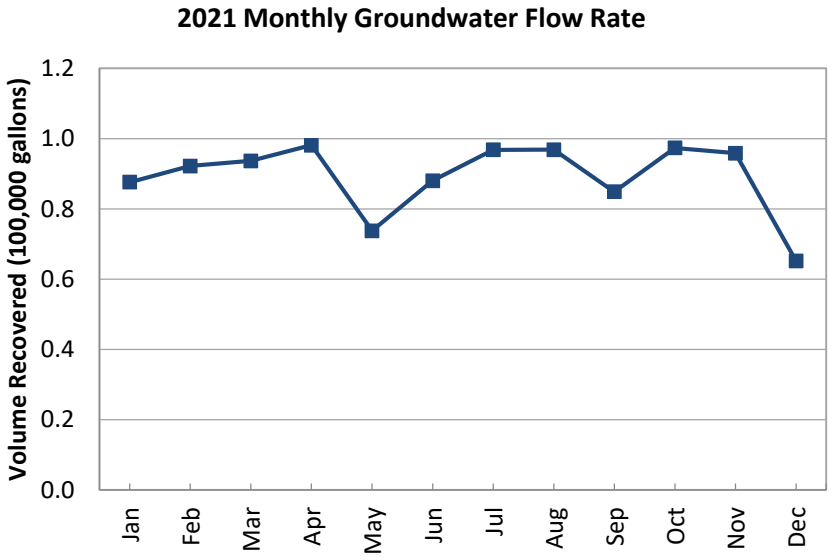
Month	Volume Recovered (gallons)
Jan	365
Feb	3,346
Mar	1,993
Apr	4,837
May	1,641
Jun	249
Jul	0
Aug	0
Sep	233
Oct	63
Nov	0
Dec	0
Total	**12,727**

PTX06-EW-49



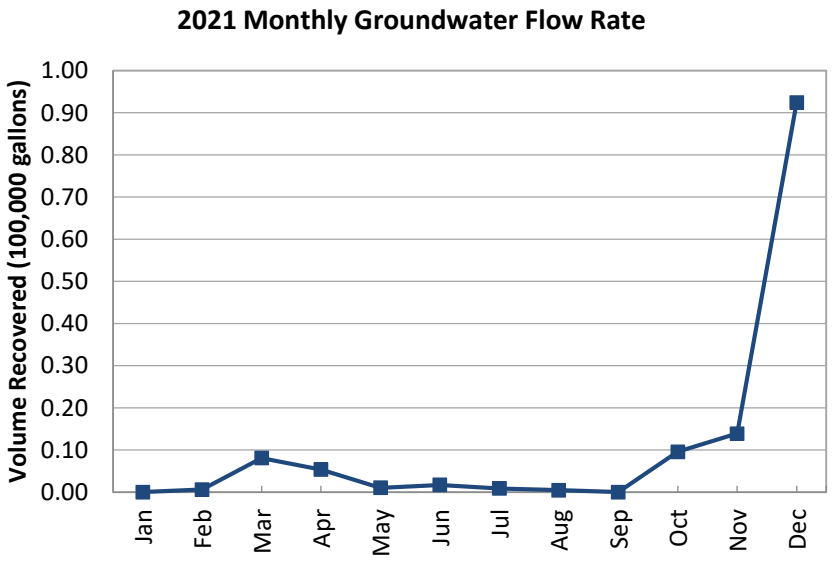
Month	Volume Recovered (gallons)
Jan	20,973
Feb	13,270
Mar	14,639
Apr	6,139
May	3,589
Jun	8,824
Jul	11,086
Aug	1,897
Sep	141
Oct	0
Nov	0
Dec	0
Total	**80,558**

PTX06-EW-50



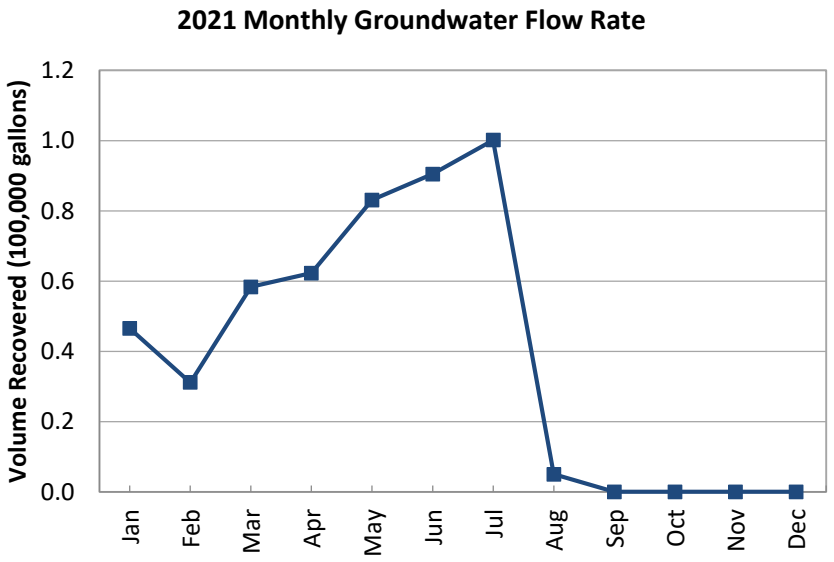
Month	Volume Recovered (gallons)
Jan	87,628
Feb	92,221
Mar	93,705
Apr	98,154
May	73,782
Jun	88,042
Jul	96,844
Aug	96,857
Sep	84,901
Oct	97,358
Nov	95,851
Dec	65,224
Total	**1,070,567**

PTX06-EW-51



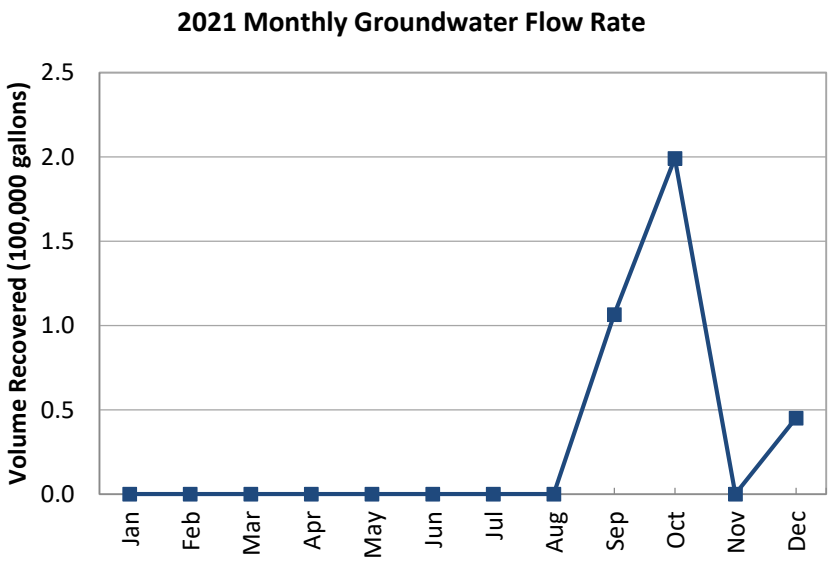
Month	Volume Recovered (gallons)
Jan	0
Feb	623
Mar	8,084
Apr	5,357
May	1,045
Jun	1,740
Jul	871
Aug	476
Sep	0
Oct	9,578
Nov	13,877
Dec	92,424
Total	**134,075**

PTX06-EW-53



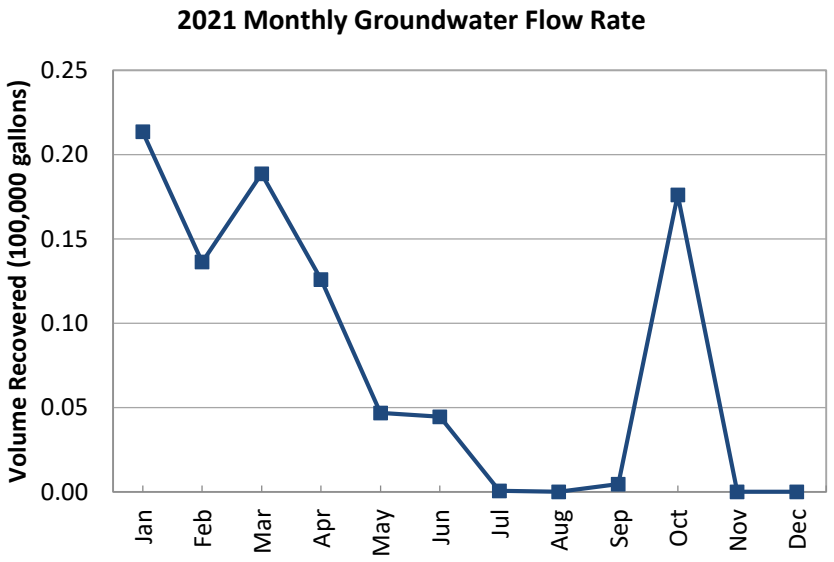
Month	Volume Recovered (gallons)
Jan	46,531
Feb	31,155
Mar	58,404
Apr	62,317
May	83,135
Jun	90,502
Jul	100,190
Aug	5,037
Sep	0
Oct	0
Nov	0
Dec	0
Total	**477,271**

PTX06-EW-54



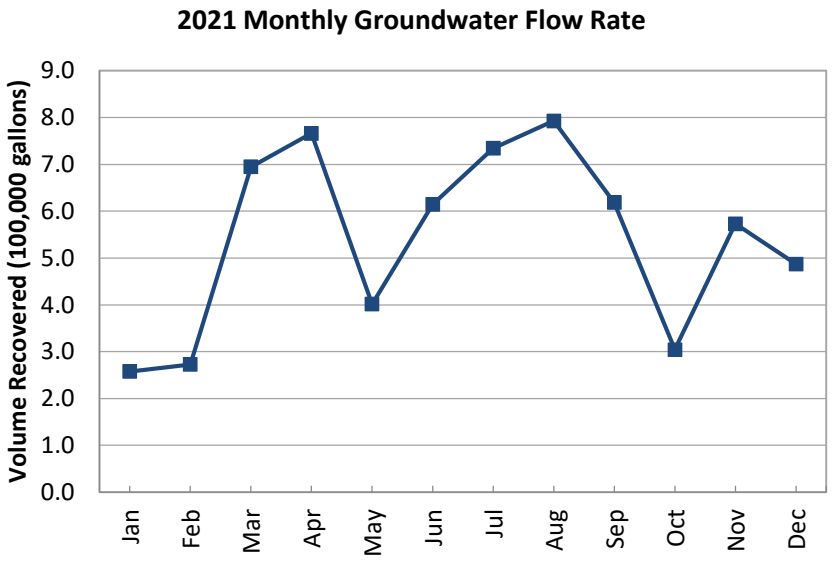
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	106,529
Oct	199,136
Nov	0
Dec	45,103
Total	**350,768**

PTX06-EW-55



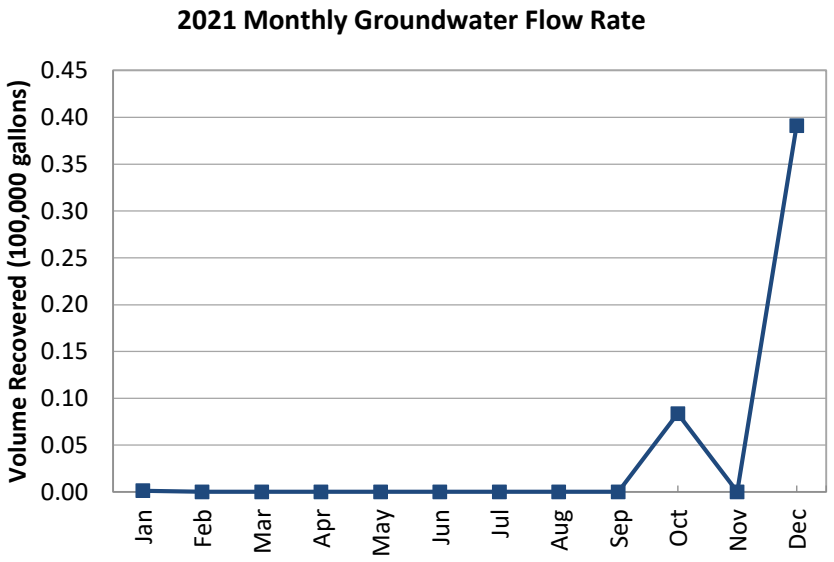
Month	Volume Recovered (gallons)
Jan	21,365
Feb	13,634
Mar	18,878
Apr	12,602
May	4,684
Jun	4,461
Jul	60
Aug	0
Sep	462
Oct	17,628
Nov	0
Dec	0
Total	**93,774**

PTX06-EW-56



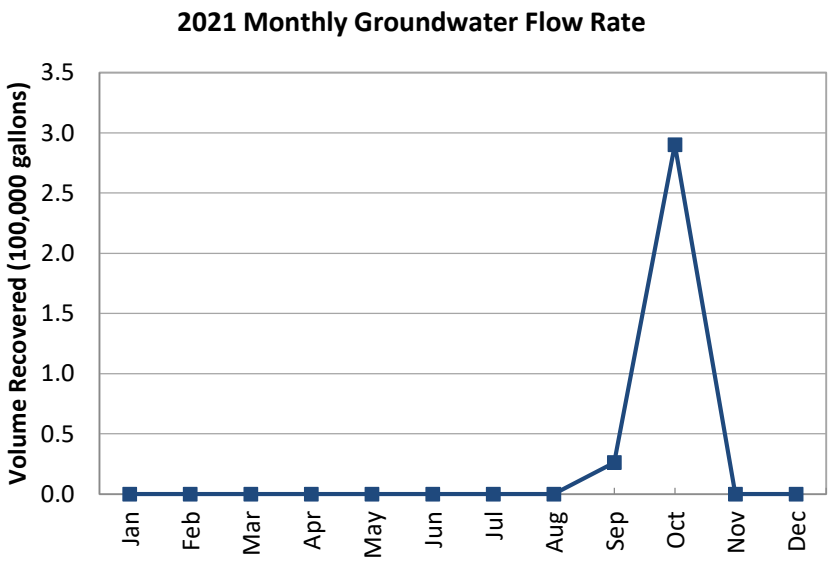
Month	Volume Recovered (gallons)
Jan	257,547
Feb	272,539
Mar	694,792
Apr	766,208
May	401,600
Jun	614,254
Jul	734,557
Aug	792,857
Sep	618,404
Oct	304,473
Nov	572,918
Dec	487,172
Total	**6,517,321**

PTX06-EW-57



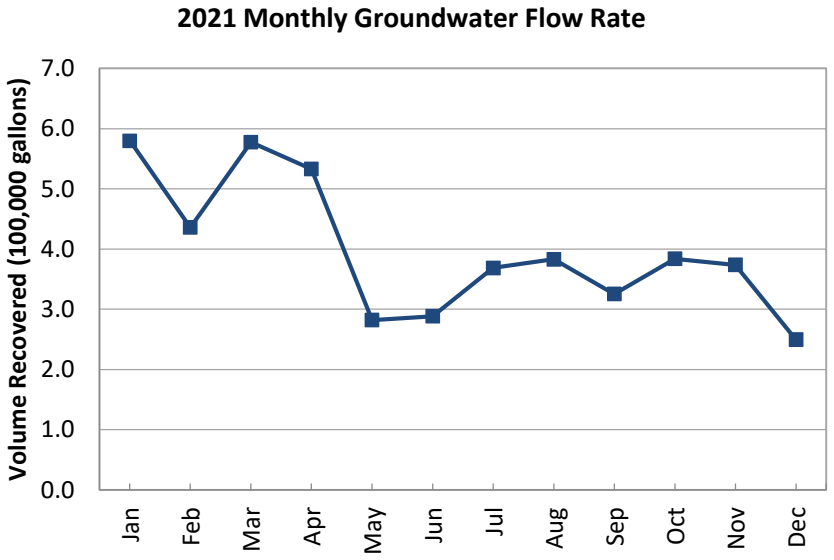
Month	Volume Recovered (gallons)
Jan	133
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	8,364
Nov	0
Dec	39,126
Total	**47,623**

PTX06-EW-58



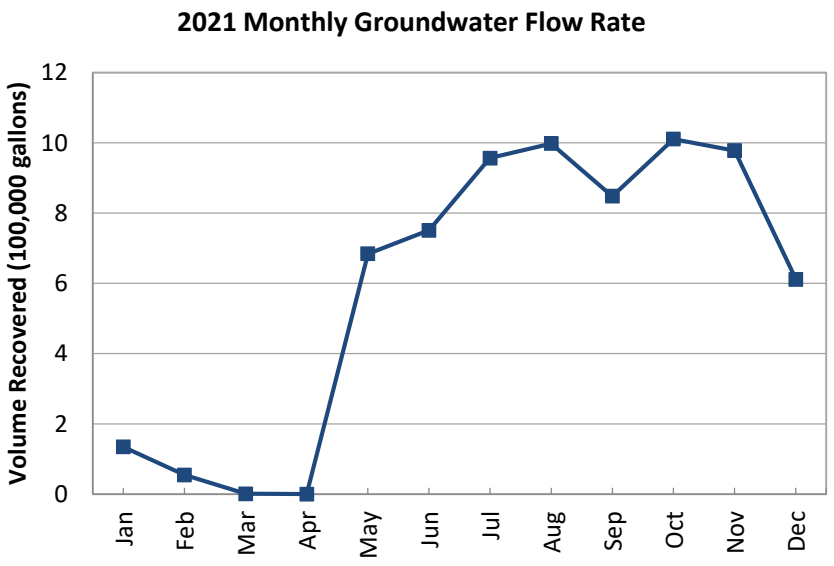
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	26,214
Oct	290,186
Nov	0
Dec	0
Total	**316,400**

PTX06-EW-59



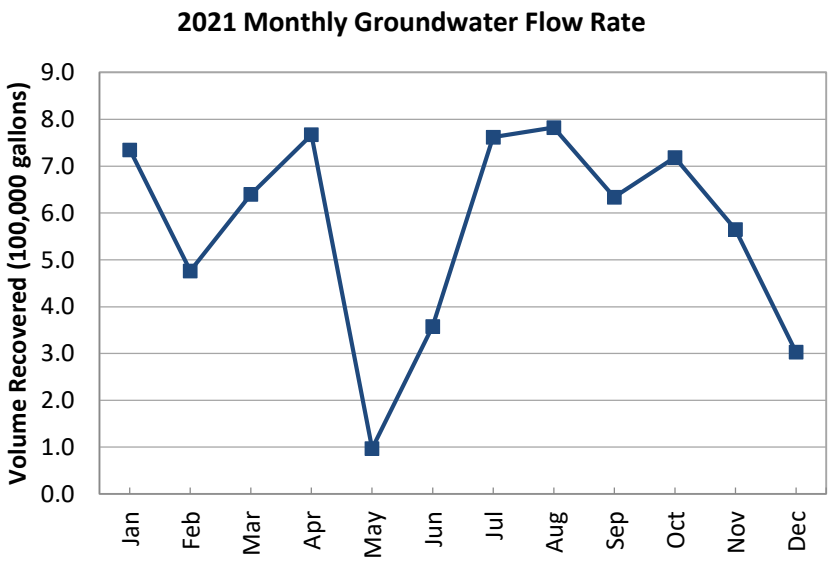
Month	Volume Recovered (gallons)
Jan	579,813
Feb	435,954
Mar	577,646
Apr	532,869
May	281,950
Jun	288,342
Jul	368,852
Aug	383,030
Sep	325,644
Oct	384,057
Nov	373,964
Dec	249,608
Total	**4,781,729**

PTX06-EW-60



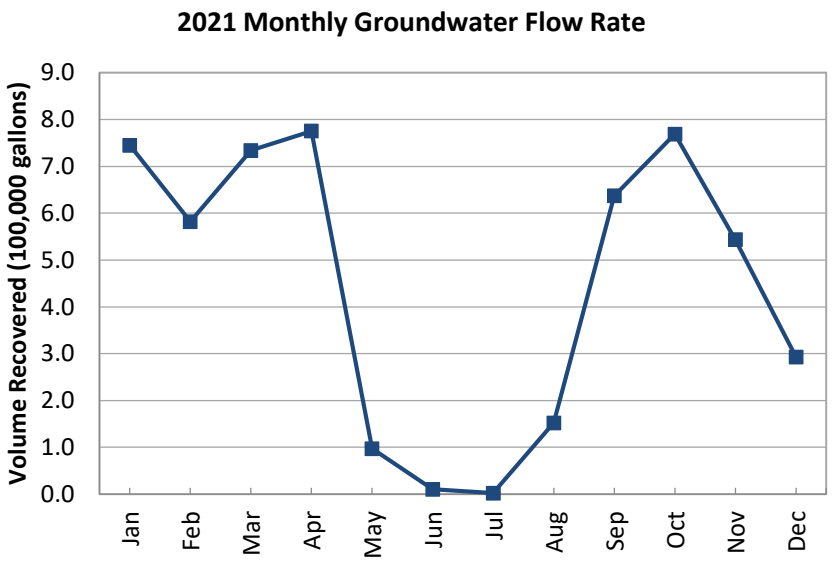
Month	Volume Recovered (gallons)
Jan	134,405
Feb	54,786
Mar	1,069
Apr	0
May	684,421
Jun	751,534
Jul	956,722
Aug	998,149
Sep	848,376
Oct	1,010,818
Nov	978,127
Dec	611,311
Total	**7,029,718**

PTX06-EW-61



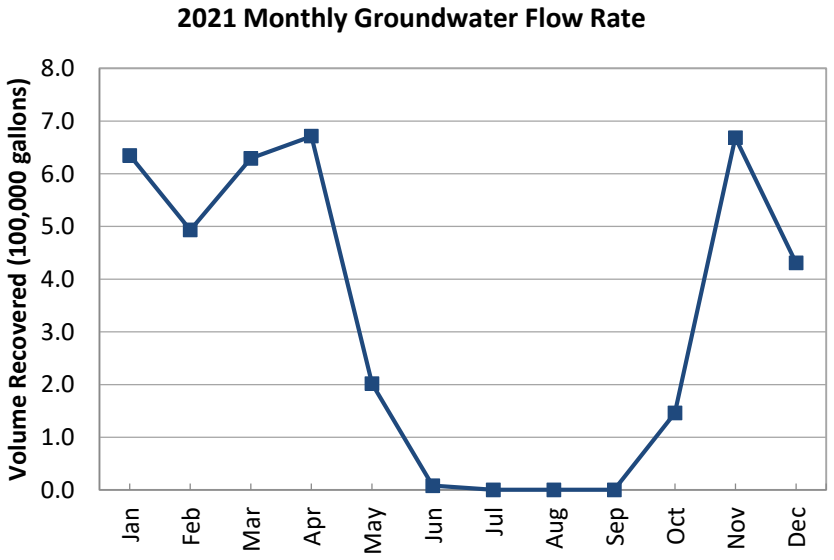
Month	Volume Recovered (gallons)
Jan	734,863
Feb	476,385
Mar	640,035
Apr	767,048
May	96,862
Jun	357,649
Jul	762,054
Aug	782,450
Sep	633,725
Oct	718,443
Nov	565,046
Dec	302,876
Total	**6,837,436**

PTX06-EW-62



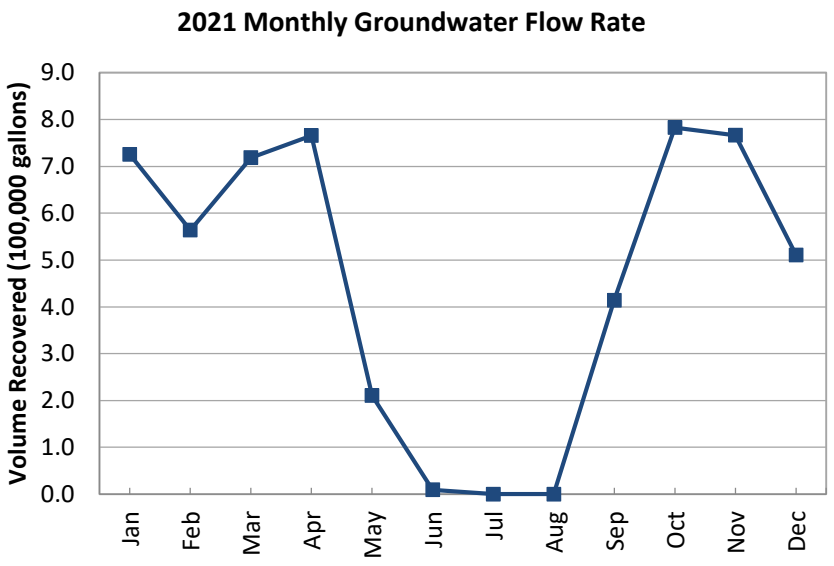
Month	Volume Recovered (gallons)
Jan	745,001
Feb	581,983
Mar	734,010
Apr	775,193
May	97,044
Jun	10,293
Jul	2,319
Aug	152,194
Sep	637,022
Oct	768,702
Nov	543,524
Dec	292,868
Total	**5,340,153**

PTX06-EW-63



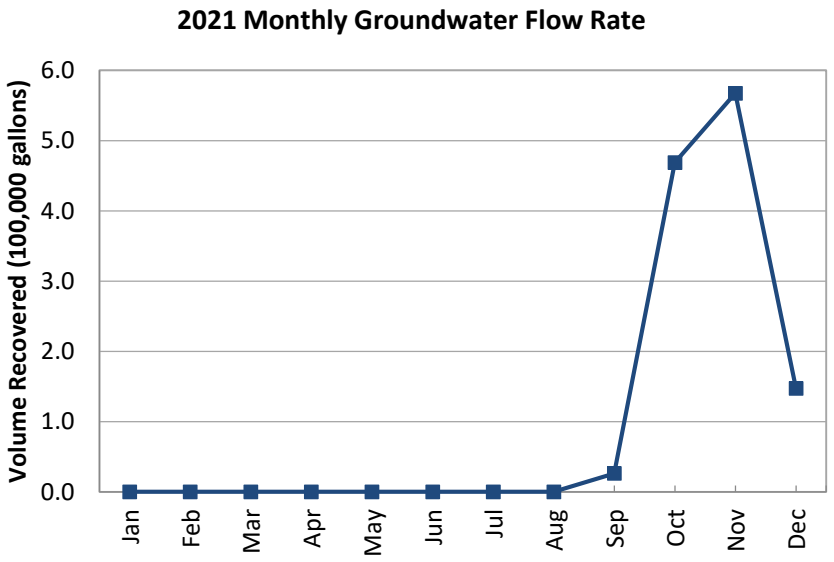
Month	Volume Recovered (gallons)
Jan	634,952
Feb	493,473
Mar	629,325
Apr	671,599
May	201,687
Jun	8,102
Jul	0
Aug	0
Sep	0
Oct	146,097
Nov	668,710
Dec	431,227
Total	**3,885,172**

PTX06-EW-64



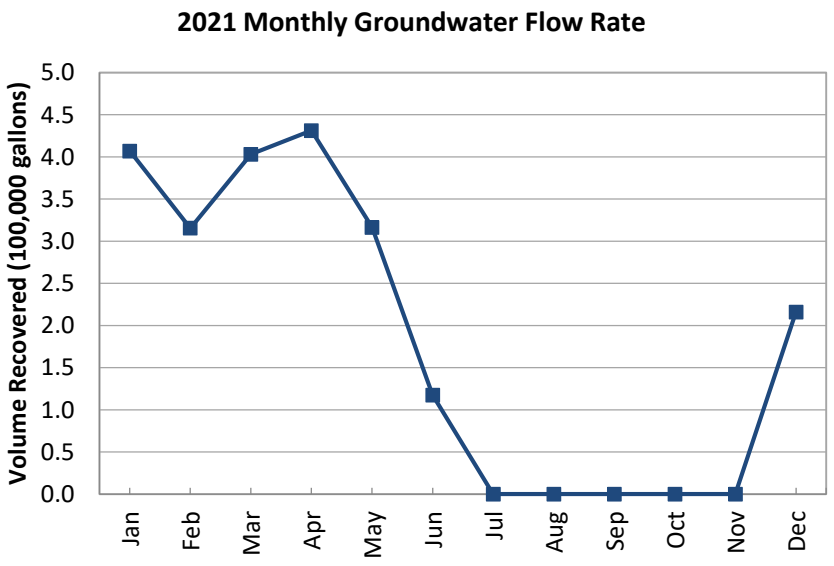
Month	Volume Recovered (gallons)
Jan	725,406
Feb	563,793
Mar	718,580
Apr	765,695
May	210,709
Jun	9,249
Jul	0
Aug	131
Sep	414,187
Oct	782,693
Nov	766,402
Dec	511,130
Total	**5,467,975**

PTX06-EW-65



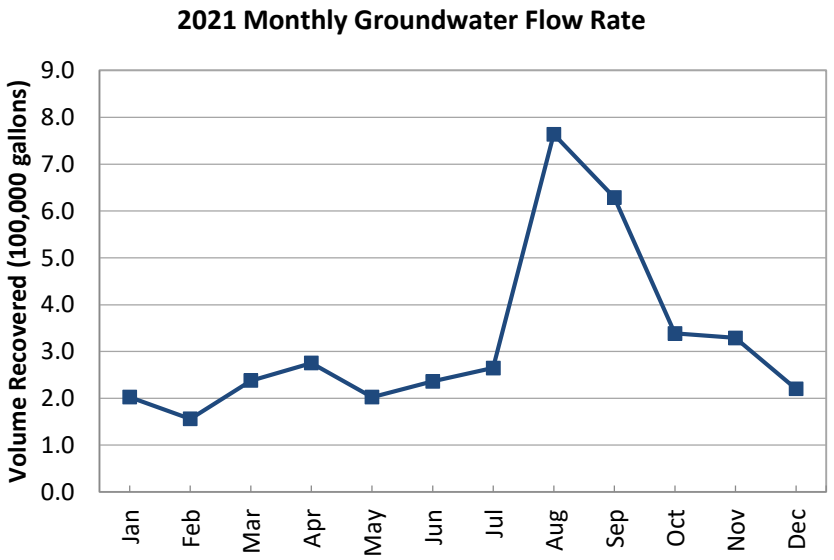
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	26,346
Oct	468,941
Nov	567,609
Dec	147,440
Total	**1,210,336**

PTX06-EW-66



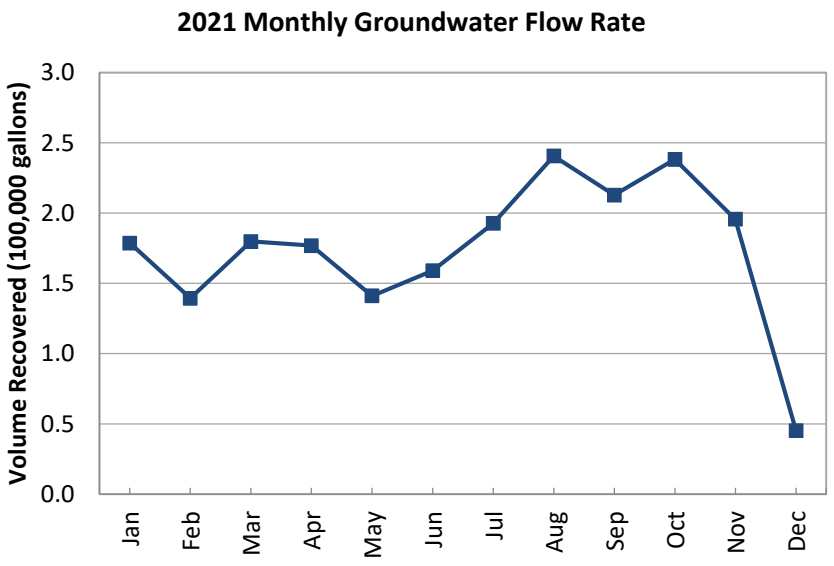
Month	Volume Recovered (gallons)
Jan	407,133
Feb	315,565
Mar	403,255
Apr	431,270
May	316,535
Jun	117,634
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	216,054
Total	**2,207,446**

PTX06-EW-67



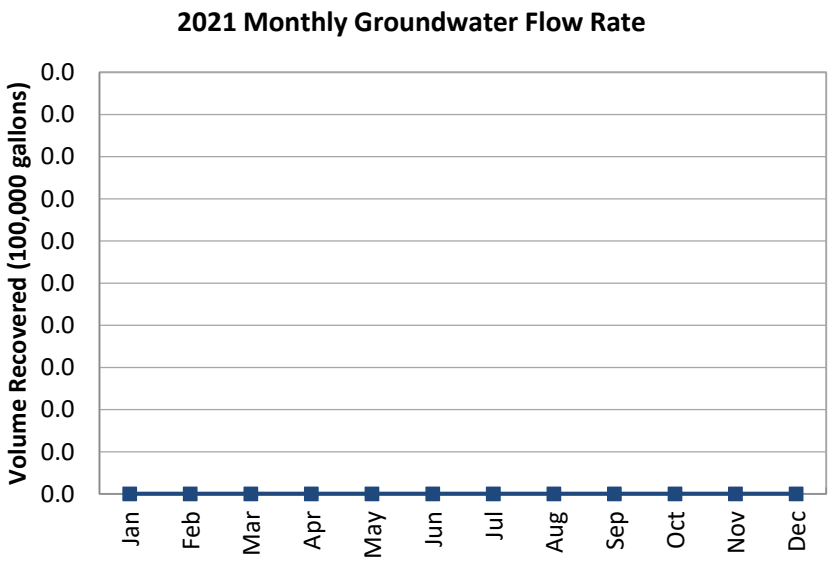
Month	Volume Recovered (gallons)
Jan	202,516
Feb	156,094
Mar	237,839
Apr	275,355
May	202,487
Jun	236,077
Jul	264,846
Aug	764,014
Sep	628,910
Oct	338,390
Nov	328,812
Dec	220,008
Total	**3,855,348**

PTX06-EW-68



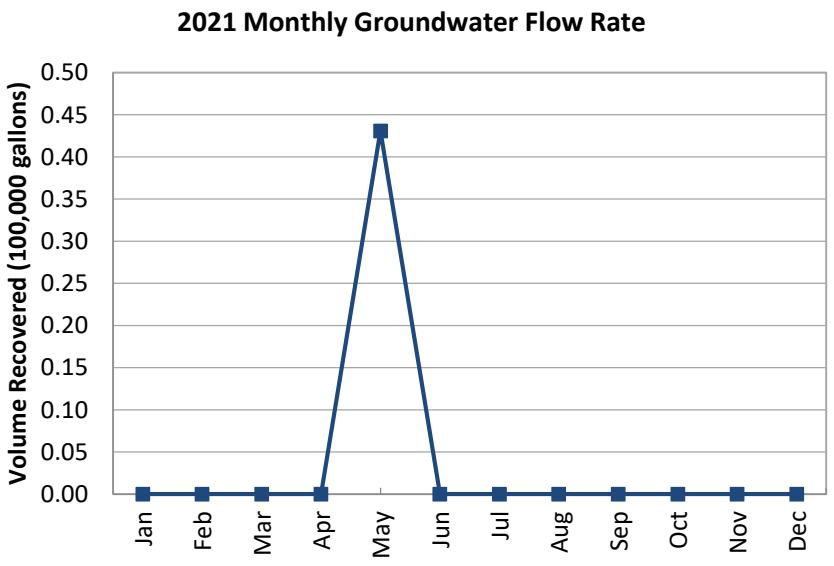
Month	Volume Recovered (gallons)
Jan	178,742
Feb	139,386
Mar	179,942
Apr	176,897
May	141,149
Jun	159,138
Jul	192,774
Aug	240,716
Sep	212,871
Oct	238,295
Nov	195,704
Dec	45,276
Total	**2,100,890**

PTX06-EW-83



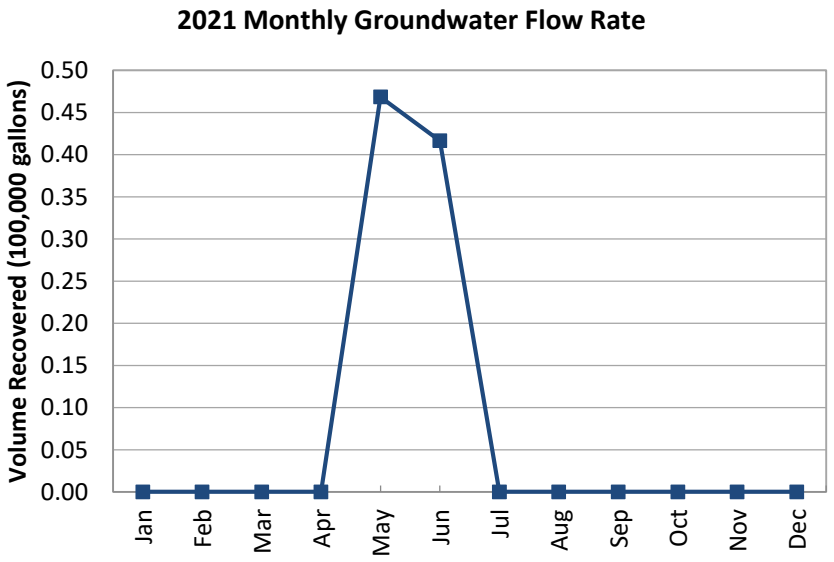
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**0**

PTX06-EW-84



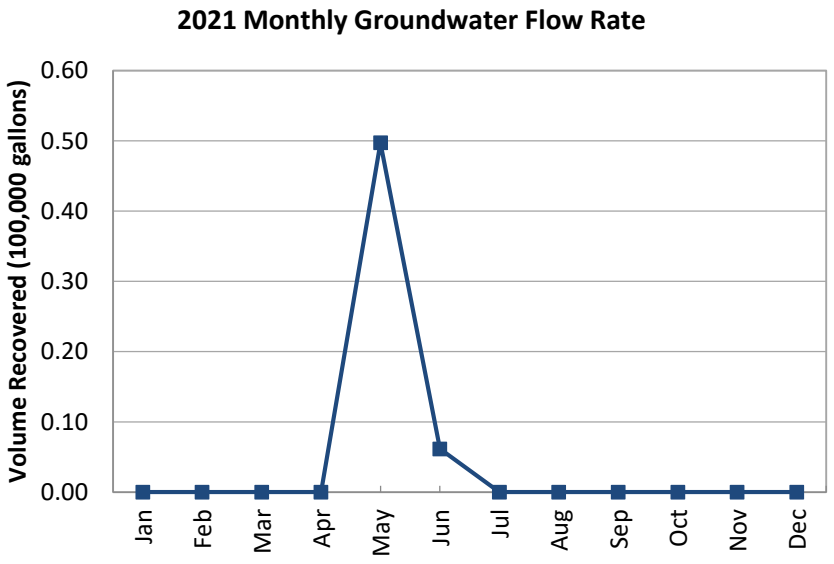
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	43,096
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**43,096**

PTX06-EW-85



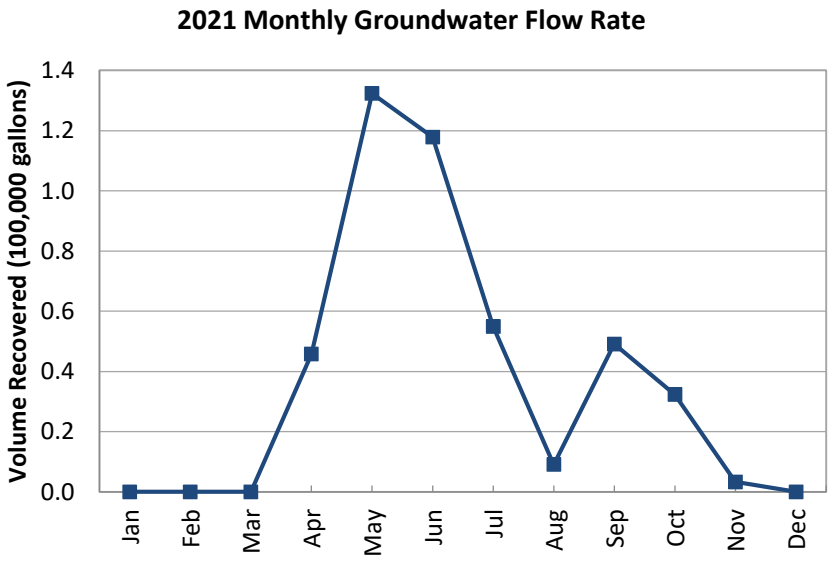
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	46,866
Jun	41,676
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**88,542**

PTX06-EW-86



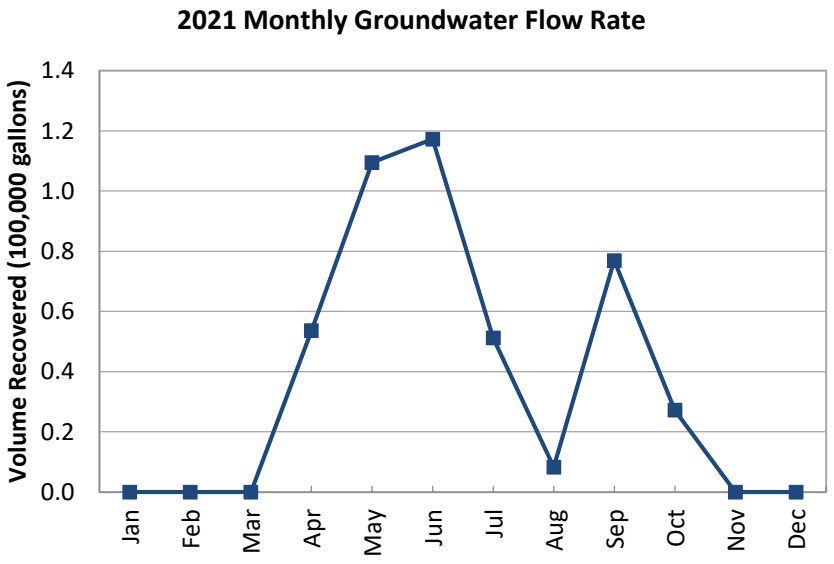
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	49,724
Jun	6,146
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	0
Total	**55,870**

PTX06-EW-87



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	45,830
May	132,405
Jun	117,881
Jul	54,966
Aug	9,070
Sep	49,130
Oct	32,325
Nov	3,314
Dec	0
Total	**444,921**

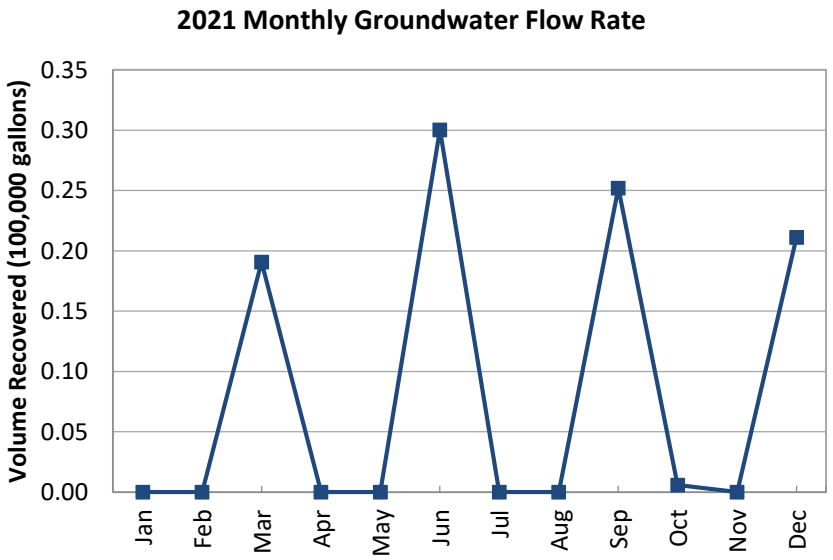
PTX06-EW-88



Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	53,672
May	109,542
Jun	117,272
Jul	51,249
Aug	8,318
Sep	76,940
Oct	27,258
Nov	0
Dec	0
Total	**444,251**

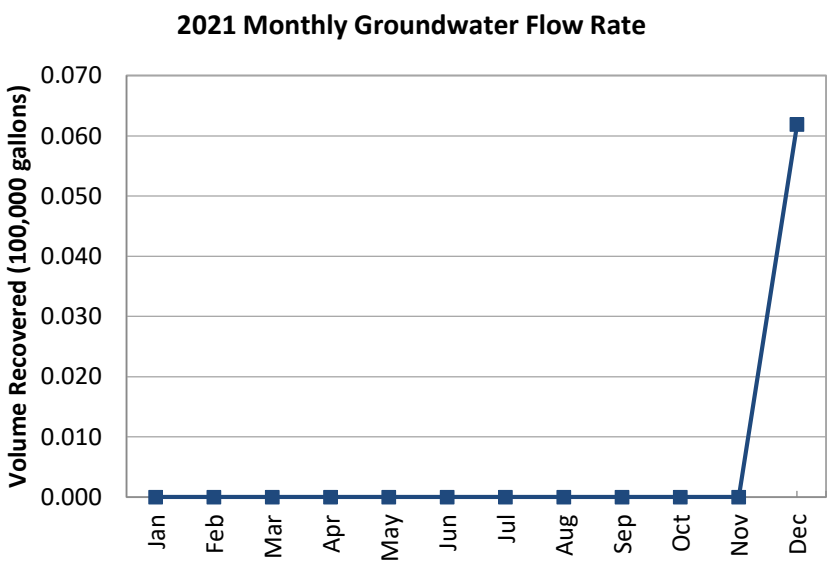
Playa 1 Pump and Treat System

PTX06-EW-69



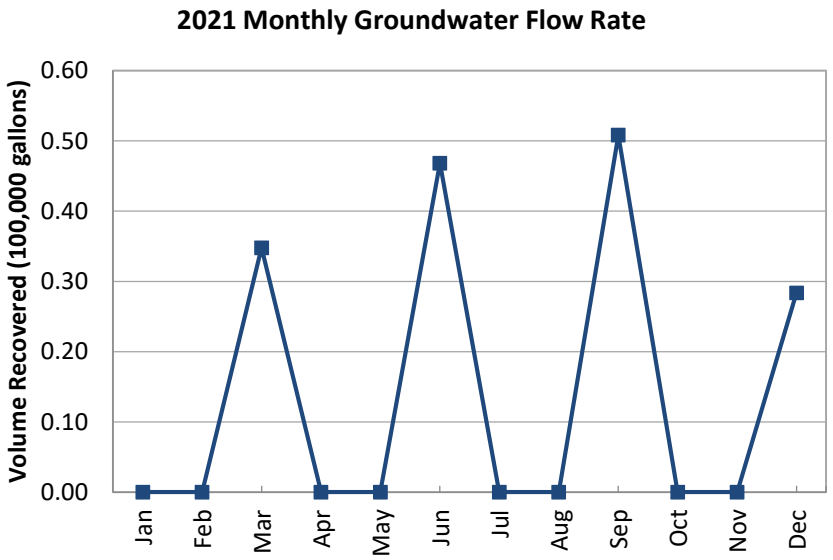
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	19,083
Apr	0
May	0
Jun	30,030
Jul	0
Aug	0
Sep	25,209
Oct	590
Nov	0
Dec	21,109
Total	**96,021**

PTX06-EW-70



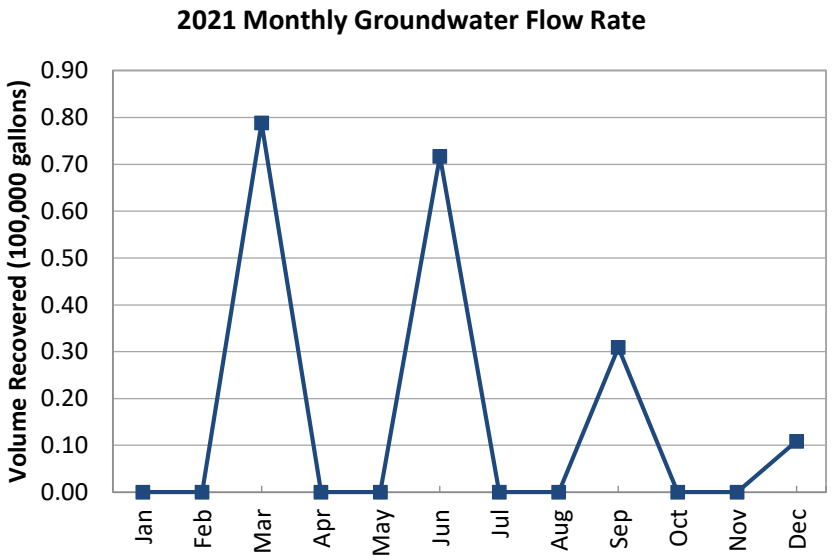
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	0
Dec	6,189
Total	**6,189**

PTX06-EW-71



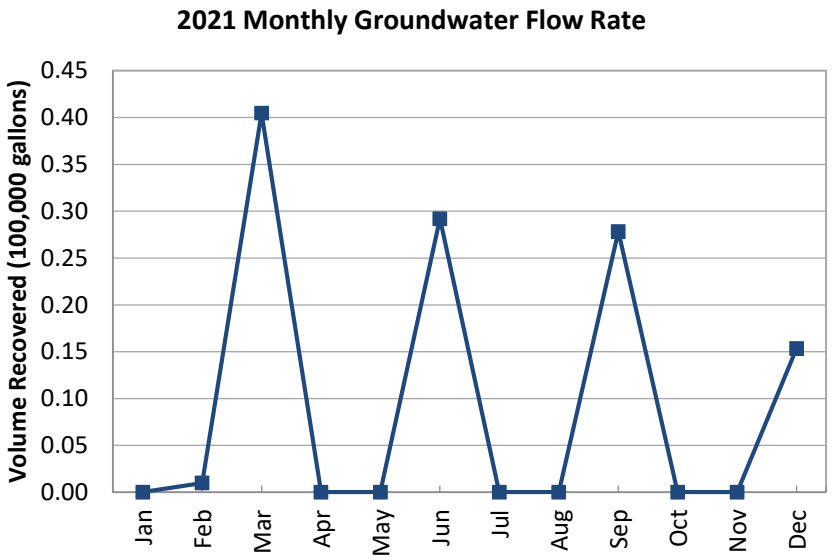
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	34,797
Apr	0
May	0
Jun	46,845
Jul	0
Aug	0
Sep	50,819
Oct	0
Nov	0
Dec	28,354
Total	**160,815**

PTX06-EW-72



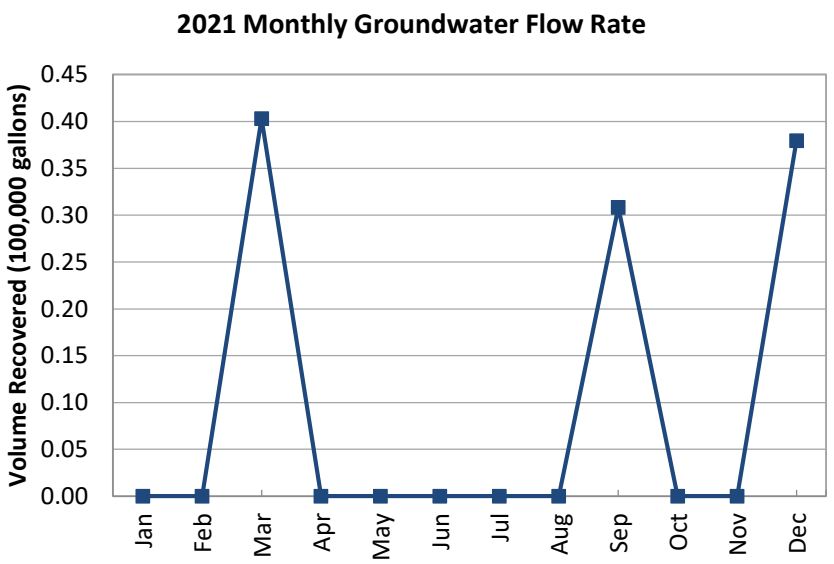
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	78,837
Apr	0
May	0
Jun	71,712
Jul	0
Aug	0
Sep	30,894
Oct	0
Nov	0
Dec	10,852
Total	**192,295**

PTX06-EW-73



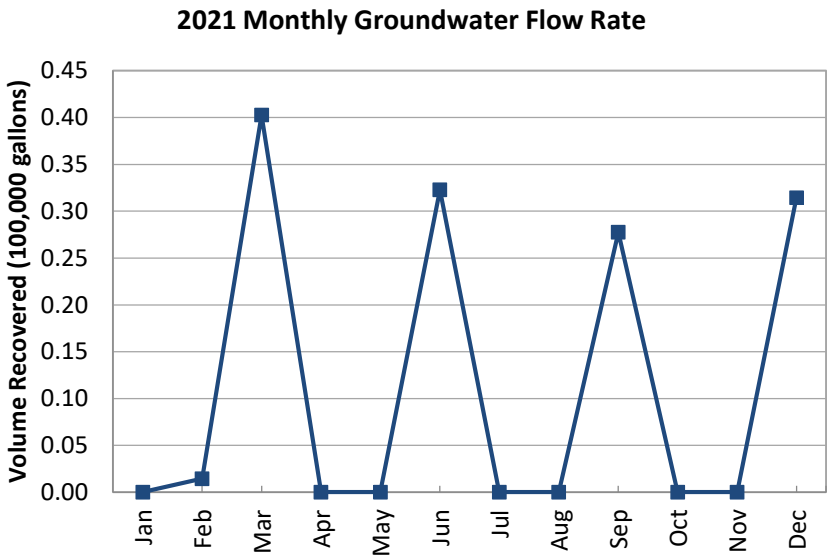
Month	Volume Recovered (gallons)
Jan	0
Feb	984
Mar	40,475
Apr	0
May	0
Jun	29,205
Jul	0
Aug	0
Sep	27,842
Oct	0
Nov	0
Dec	15,330
Total	**113,836**

PTX06-EW-74



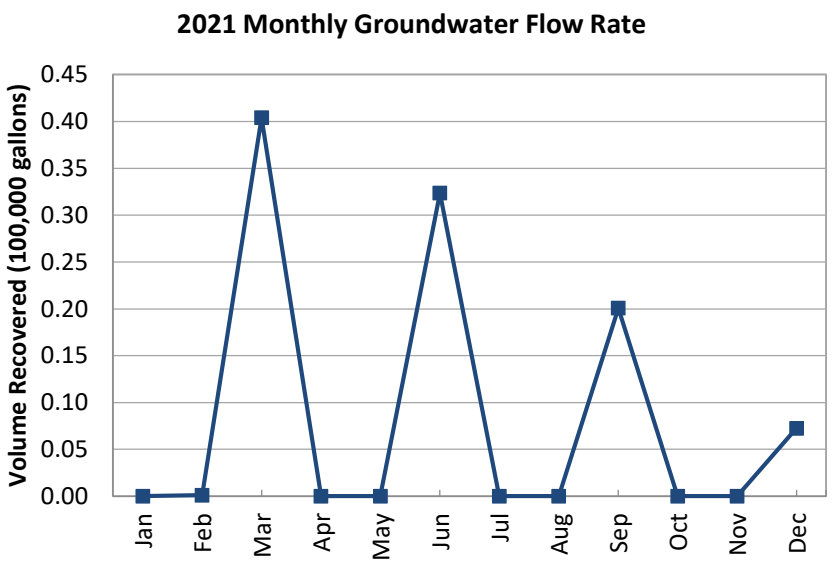
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	40,318
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	30,836
Oct	0
Nov	0
Dec	37,944
Total	**109,098**

PTX06-EW-75



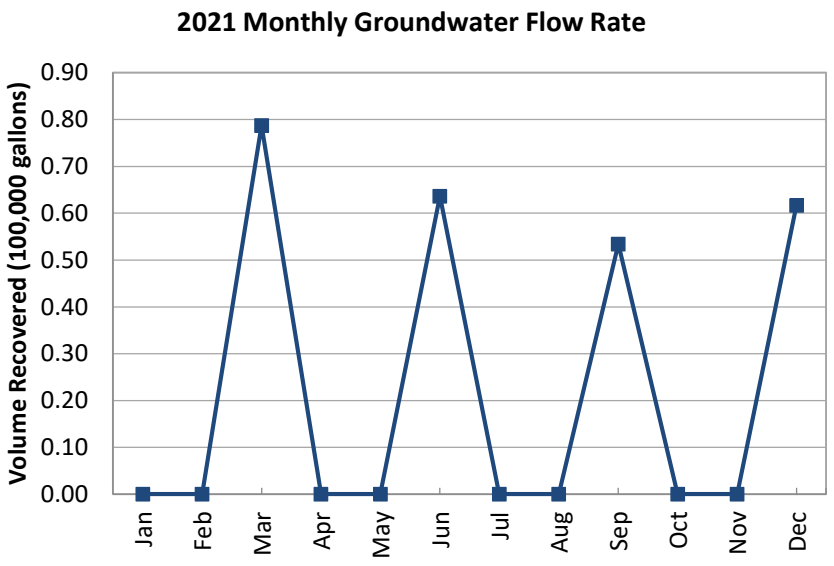
Month	Volume Recovered (gallons)
Jan	0
Feb	1,435
Mar	40,264
Apr	0
May	0
Jun	32,291
Jul	0
Aug	0
Sep	27,748
Oct	0
Nov	0
Dec	31,444
Total	**133,182**

PTX06-EW-78A



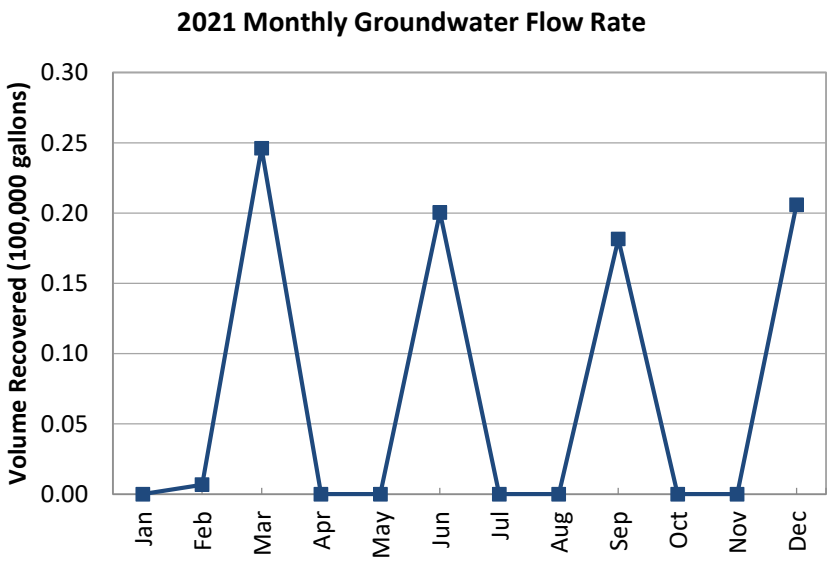
Month	Volume Recovered (gallons)
Jan	0
Feb	112
Mar	40,397
Apr	0
May	0
Jun	32,348
Jul	0
Aug	0
Sep	20,085
Oct	0
Nov	0
Dec	7,243
Total	**100,185**

PTX06-EW-79



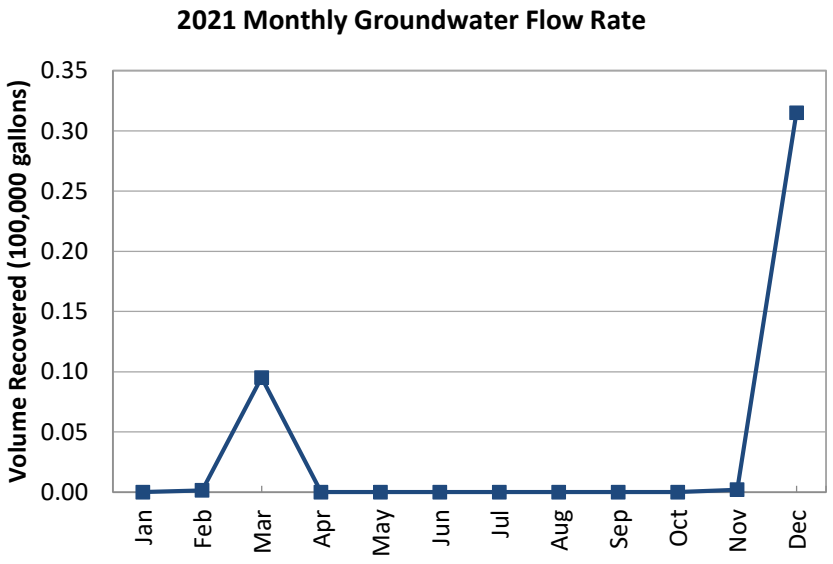
Month	Volume Recovered (gallons)
Jan	0
Feb	0
Mar	78,728
Apr	0
May	0
Jun	63,636
Jul	0
Aug	0
Sep	53,407
Oct	0
Nov	0
Dec	61,668
Total	**257,439**

PTX06-EW-80



Month	Volume Recovered (gallons)
Jan	0
Feb	671
Mar	24,618
Apr	0
May	0
Jun	20,061
Jul	0
Aug	0
Sep	18,159
Oct	0
Nov	0
Dec	20,589
Total	**84,098**

PTX06-EW-81



Month	Volume Recovered (gallons)
Jan	0
Feb	155
Mar	9,530
Apr	0
May	0
Jun	0
Jul	0
Aug	0
Sep	0
Oct	0
Nov	207
Dec	31,517
Total	**41,409**

Appendix C

Well Information

Table C-1. Well Maintenance Table

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1062A	1/13/2021	(1) Bennett pump service	516.00	873				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1157	1/13/2021	(1) Bennett pump service	399.50	527				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump with drop tube and lower diverter attached in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1141	1/13/2021		486.20	678				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump with lower diverter attached in well. Pumped 3 gallons of water from the well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1074	2/5/2021	(1) Well video	429.70	625				Performed well inspection video focusing on 74' and 325' below top of casing. 4" stainless steel casing and screen. Observed the following: yellow staining at 55' with corrosion and pitting in the casing seam, 59' yellow staining with severe pitting in middle of the stain, there are several more spots with similar staining throughout the casing, 74'-75' no indication of compromised casing, 204.5' possible grout in casing joint. The leak in the casing joint at 324' has deteriorated significantly since the 2016 video was made. Extreme calcification buildup at joint and extends well below the casing joint. Calcification buildup below 400' but unable to determine the origin. Observed mud and sand packed in the screen above water. The screen is relatively clean below top of water. The water was cloudy. Sand and debris buildup has filled up the sump into the screen. No indication how far the buildup is in the screen. Several zip ties from the tubing bundle on top of sand buildup.
PTX06-PZ01	3/29/2021	(1) Other-explained below	260.30	276				Performed well inspection per well maintenance plan. This well has 2" pvc casing therefore no well video was performed for this inspection.
PTX06-EW-3	3/31/2021	(1) Extraction well service						Verified LOTO status of this well and placed LOTO locks on lock box. Conducted location checks. Rigged up and pulled 13 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 16' sub, 1 - 1 1/4" X 2 1/2' sub and submersible pump. Work is being performed per WMR and well maintenance plan. P&T techs assisting.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-60	3/31/2021	(1) Extraction well service						Verified LOTO status of this well and placed LOTO locks on lock box.Conducted tailgate safety briefing and daily rig/location checks. Rigged up and pulled 13 joints of 1 1/4" X 20' pvc tubing, 1 1 1/4" X 7' sub and submersible pump. Work is being performed per WMR and well maintenance plan. P&T techs assisting.
PTX06-EW-3	4/5/2021	(1) Well video	272.40	284				Performed well video per WMP inspection schedule. This well has 6" stainless steel casing and screen. The casing and screen are in good condition, the screen is clean. The sump is clean with a light amount of sand on bottom.
PTX06-EW-60	4/5/2021	(1) Well video	274.70	293				Performed well video per WMP inspection schedule. This well has 6" pvc casing and stainless steel screen. The casing is in good condition. The screen has moderate to heavy iron bacteria and sand buildup. This well has no sump.
PTX06-1158	4/19/2021	(1) Well video		285				Performed well inspection video per WMP. Well has 4" pvc casing and screened section. The casing and screen are in good condition. The sump is clean. Observed approximately 4" of water in the sump.
PTX06-ISB411	4/19/2021	(1) Well video	280.70	290				Performed well video per WMR to inspect the plug installed in the sump. This well has 4" stainless steel casing and screened section. The casing and screen are in good condition. The plug is visible in bottom of the sump. There appears to be gaps between the plug and walls of the sump, however it is unknown what the bottom of the plug is.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-60	4/21/2021	(1) Re-development						Conducted tailgate safety briefing and daily rig/location checks. Surged/brushed screened section then bailing brown colored water with moderate amounts of sand. Water cleaned up after bailing 60 gallons.
PTX06-EW-60	4/22/2021	(1) Re-development						Conducted tailgate safety briefing and daily rig/location checks. Surged/brushed well and bailing. Water cleans up quickly after surging.
PTX06-EW-3	4/26/2021	(1) Extraction well service						Conducted location checks. Installed submersible pump and 1 1/4" pvc tubing. P&T techs assisting.
PTX06-EW-60	4/26/2021	(1) Extraction well service						Conducted tailgate safety briefing and daily rig/location checks. Installed submersible pump and 1 1/4" pvc tubing. P&T techs assisting.
PTX06-1168	4/27/2021	(1) Well video	278.30	287				Performed well inspection video per WMP schedule. This well was previously PTX06-EW47 and still has the metal box installed around the well. This well has 6" pvc casing and 6" stainless steel screen. The casing is in good condition. Observed possible small holes in screen at 270.4' btoc and 283.4' btoc. Observed light amounts of iron bacteria throughout the screened section. The sump appears to be two-thirds full of sand.
PTX06-1069	4/28/2021	(1) Bennett pump service (2) Well video	253.30	260				Well inspection per wmp schedule. Pulled dedicated tubing bundle and Bennett pump with drop tube attached.Tubing bundle is old 1/2" tubing and pump are in good condition. Performed well video 4" PVC casing and screen in good condition . Observed unkown material in the sump .Installed tubing bundle, Bennett pump and drop tube. Pumped 3 gallons of water from well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX08-1002	4/30/2021	(1) Well video (2) Bennett pump service	219.10	263				well inspection per wmp schedule. Pulled dedicated tubing bundle Bennett pump and drop tube. Performed well video. Well has 4"PVC casing and screen casing is in good condition. Top of water is above top of screen. Observed severe sand infiltration in the middle of the screened section the sump is clean with light debris on bottom
PTX06-1023	4/30/2021	(1) Well video (2) Bennett pump service	246.90	258				well inspection per wmp schedule pull dedicated tubing bundle bennett pump and drop tube. Performed well video. Well has 4"stainless steel casing and screen . Casing is in good condition screen has iron bacteria damage with no major iron bacteria build up observed the sump is clean. Installed tubing bundle,Bennett pump and drop tube. Pumped 3gallons of water and pumped good
PTX01-1001	5/3/2021	(1) Bennett pump service (2) Re-development	285.30	301				Pulled dedicated tubing bundle, Bennett pump and 8' drop tube in prep for well redevelopment. The pump had rust on it, observed light pitting around the pump valve body. Will replace the pump when the tubing bundle is installed after redevelopment. Conducted tailgate safety briefing and daily rig/location checks. Rigged up and began surging/brushing the screened section and bailing. The water after surging is light brown in color but clears up quickly when bailing.
PTX01-1001	5/5/2021	(1) Re-development						Conduct tailgate safty briefing plus rig location check list. Continued surging/brushing and bailing until water column was cleaned up

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX01-1001	5/12/2021	(1) Well video (2) Bennett pump service	285.30	301				Performed post redevelopment inspection video. Well has 4" stainless steel casing and screen. The casing and screen clean and in good condition. The sump is clean. Installed dedicated tubing bundle, Bennett pump and drop tube. The previously installed pump had minor pitting and rust. Replaced with a rebuilt Bennett pump. Pumped 3 gallons of water from the well, pumping good.
PTX06-1143	5/24/2021	(1) Bennett pump service	503.00	780				Well maintenance support for 5 year multi-level sampling. Pulled dedicated tubing bundle, Bennett pump and lower diverter. Installed the portable Bennett tubing bundle with multi-level diverters to level 2. The pump intake is set at 542' btoc. The top diverter is set at 530' and lower diverter set at 577' btoc. Purged 2.5 gallons to purge tubing. After level 2 sampled, pulled tubing bundle with pump and diverters. Changed out lower diverter cable (45' to 75' length). Installed pump and diverters to level 3. The pump intake set at 597'. Upper diverter set at 585', lower diverter set at 662'. Purged 2.5 gallons to purge tubing. After level 3 sampled, pulled portable tubing, pump and diverters out of well, changed out lower diverter cable (75' to 65' length). Installed portable tubing, pump and diverters to level 4. Pump intake set at 697'. Top diverter set at 685', lower diverter set at 752'.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1141	5/25/2021	(1) Bennett pump service	486.30	678				Well maintenance support for 5 year multi level sampling. Pulled the dedicated tubing bundle, Bennett pump and lower diverter out of the well. Installed portable tubing bundle and multi level sampling equipment to level 2. Pump intake is set at 532', top diverter set at 520', lower diverter set at 567'.
PTX06-1143	5/25/2021	(1) Bennett pump service	503.00	480				Well maintenance support for 5 year multi level sampling. After level 4 sampled, pulled the portable tubing bundle, Bennett pump and multi level diverters from the well. Due to water aeration issues, removed pump # 1806-482 from the portable tubing bundle and installed pump # 1806-480. Removed lower diverter and installed portable tubing bundle and multi level sampling equipment to level 5. Pump intake set at 765'. The original intake setting of 772' was not used due to sand infiltration issues per M. Jarrett. Top diverter set at 753'. After level 5 sampled, pulled portable tubing bundle with multi level equipment out of well and installed the dedicated tubing bundle, Bennett pump and lower diverter. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1138	5/26/2021	(1) Bennett pump service	471.90	589				Well maintenance support for 5 year multi level sampling. Pulled dedicated tubing bundle, Bennett pump with drop tube attached and lower diverter. Installed portable tubing bundle with multi level equipment to level 2. The pump intake set at 507'. Top diverter set at 495'. No lower diverter was installed.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1141	5/26/2021	(1) Bennett pump service	486.30	678				WM support for 5 year multi level sampling. After level 2 sampled, lowered the multi level sampling equipment to level 3. Pump intake set at 587'. Top diverter set at 575'. A lower diverter not necessary on level 3. The lower diverter from level 2 was not removed due to ample room between the diverter and the well TD. After level 3 sampled, pulled the portable tubing bundle with multi level equipment out of the well. Installed the dedicated tubing bundle, Bennett pump and lower diverter. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1140	6/7/2021	(1) Bennett pump service	498.00	682				Well maintenance support for 5 year multi-level sampling. Pulled dedicated tubing bundle and Bennett pump with lower diverter. Installed portable tubing bundle with multi-level equipment to level 3. Sample intake set at 572'. Top diverter set at 560' and lower diverter set at 627'. After level 3 was sampled, pulled multi-level equipment out and removed lower diverter. Installed multi-level equipment to level 4. Sample intake set at 647', top diverter set at 635'.
PTX06-1138	6/7/2021	(1) Bennett pump service	471.90	589				Well maintenance support for 5 year multi-level sampling. After level 2 was sampled, pulled portable tubing bundle with multi-level equipment. Installed dedicated tubing bundle, Bennett pump with drop tube attached and lower diverter. Pumped 2.5 gallons of DI water to purge portable tubing bundle.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1140	6/8/2021	(1) Bennett pump service	498.00	682				Well Maintenance support for 5 year multi-level sampling. After level 4 was sampled, pulled multi-level equipment and installed the dedicated tubing bundle, Bennett pump and lower diverter. Pumped 3 gallons from the well. Pumping good. Purged 2.5 gallons of DI water through portable tubing bundle to purge bundle.
PTX06-1157	6/8/2021	(1) Bennett pump service	398.90	527				Well maintenance support for 5 year multi-level sampling. Pulled dedicated tubing bundle, Bennett pump with drop tube attached and lower diverter. Installed multi-level equipment to level 2. Sample intake set at 467', top diverter set at 455', lower diverter set at 502'. After level 2 sampled, pulled multi-level equipment and removed lower diverter. Installed multi-level equipment to level 3. Sample intake set at 517', top diverter set at 505'.
PTX06-1157	6/9/2021	(1) Bennett pump service	398.90	527				Well maintenance support for 5 year multi-level sampling. After level 3 was sampled, pulled the multi-level equipment out of the well. Purged DI water through the portable tubing bundle to decon. Installed dedicated tubing bundle, Bennett pump with drop tube attached and lower diverter in the well. Unable to get the pump to move water. Pulled tubing bundle, pump with drop tube and lower diverter out of the well. Tested pump, the pump has good pump action. Evacuated water out of the tubing bundle. Re-installed the dedicated tubing bundle, Bennett pump with drop tube attached and lower diverter in the well. Pumped 3 gallons of water from the well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1144	6/21/2021	(1) Bennett pump service	502.00	802				Well maintenance support for 5 year multi-level sampling. Pulled dedicated tubing bundle with top diverter, Bennett pump and lower diverter. Installed multi-level sampling equipment to level 1. Sample intake set at 517', top diverter set at 505', bottom diverter set at 533'. After level 1 sampled, pulled equipment out of well and changed bottom diverter cable. Installed to level 2. Sample intake set at 552', top diverter set at 540', bottom diverter set at 587'. After level 2 sampled, pulled equipment out of well and changed bottom diverter cable. Set equipment at level 4. Sample intake set at 672', top diverter set at 660', bottom diverter set at 767'.
PTX06-1144	6/22/2021	(1) Bennett pump service	502.00	802				Well maintenance support for 5 year multi-level sampling. Sampled level 4. Pulled multi-level equipment out of well and removed the bottom diverter. Installed multi-level equipment to level 5. Sample intake set at 792', top diverter set at 780', no bottom diverter.

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PTX06-1144	6/23/2021	(1) Bennett pump service	502.00	802				Well maintenance support for 5 year multi-level sampling. The multi-level equipment is set at level 5. Purged 2.5 gallons to clear tubing bundle and began purging chocolate milk colored water with heavy sand suspension. Purged 13 gallons before the water began clearing up. Turbidity reading at this point was 70.3 NTU. Began 5 gallon micro-purge at this point and proceeded with sample collection. After sample completed, pulled equipment out of well. Pumped 3 gallons of DI water to purge portable tubing bundle. Installed dedicated tubing bundle with top diverter, Bennett pump, and bottom diverter attached. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1141	6/24/2021	(1) Bennett pump service	486.80	678				Well Maintenance support for 5 year multi-level sampling. Today's activities are for re-sample due to sample shipment delay to lab. Pulled dedicated tubing bundle, Bennett pump and lower diverter out of the well. Installed multi-level sampling equipment to level 2. Sample intake set at 532'. Top diverter set at 520', lower diverter set at 567'. After level 2 sampled, lowered equipment to level 3. Sample intake set at 587'. Top diverter set at 575', no lower diverter required. After level 3 sampled, pulled multi-level equipment out of well and installed dedicated tubing bundle, Bennett pump and lower diverter. Pumped 3 gallons of water from the well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX08-1011A	7/8/2021	(1) Bennett pump service						Onsite to pull the dedicated tubing bundle and Bennett pump in prep for well P&A. Pulled the tubing bundle out of the well ~10'. At this point the safety cable that attaches to the Bennett power reel broke at or near the well casing cap on the tubing bundle. The tubing then fell back onto the casing cap on top of the casing. Shut down to advise Clifton Britten.
PTX08-1011A	7/12/2021	(1) Bennett pump service						On location to retrieve stubk dedicated tubing bundle and Bennett pump out of the well. Conducted tailgate safety and rig/location check. Rigged up Hunke on well and positioned the well maintenance at the well. Using a cable sling attached to the tubing bundle, lifter tubing bundle and attached nylon straps to the tubing below the well casing cap. Began pulling tubing bundle with the rig. Pulled the tubing ~10", tubing stuck. Pulled tubing loose and pulled ~100' out with the rig then attached the tubing to the Bennett power reel and completed tubing bundle and Bennett pump removal.
PTX06-1082	7/13/2021	(1) Pre-sample purge	175.40					pre sample purge for 5yr sampling event start purging @ 1115 stoped at 1150 max drawdown 175.8 (.4)
PTX06-1083	7/13/2021	(1) Pre-sample purge	179.30					pre sample purging in prep for 5yr sampling event while attaching nitrogen line to Tubing bundel inlet the air inlrt line broke just below the ail chuck. Reset air chuck on tubing and began to purging start purging @0945 stop at 1050 mex draw down to 180. (.7)

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-ISB147	7/14/2021	(1) Well video	265.00	285				well acceptance video well has 4"SS casing and screen in good condition sump in clean with light sand in bottom observed small amounts of amendment in the water (depth counter measurements in video are inaccurate)
PTX06-ISB145	7/14/2021	(1) Well video	264.50	285				well acceptance video well has 4"SS casing and screen in Good condition sump is clean with light sand on bottom observed light to moderate amendment in the water (Deph counter measurements in video are inaccurate
PTX06-ISB139	7/15/2021	(1) Well video	266.60	293				well acceptance video 4"SS casing and screen all in good condition clean sump with small amount of amendment floating. Top of water is above sreen 1'
PTX06-ISB141	7/15/2021	(1) Well video	265.70	290				well acceptance video 4" SS cassing and scr in good condition water clean to start became Turbid with agitatin from the camera try to clean lens sump was clean
PTX06-ISB140	7/15/2021	(1) Well video	265.90	290				well acceptance video 4"SS cassing and screen in good condition significant amendment on top of water unable to get all amendment off of down hole video lens sump clean amendment floating in water
PTX06-ISB139	7/15/2021	(1) Well video	266.60	293				well acceptance video 4"SS cassing and scr clean sump with small amount of amendment floating on top of water. Water is 1' above screen
PTX06-1071	7/20/2021	(1) Bennett pump service (2) Pre-sample purge	223.30	254				psp in support of 5yr GW sampling well has no dedicated tubing bundle installed portable tubing bundle and bennett pump intake is set 6' below top of water potable tubing bunde out of well max water drawdown was to 223.9

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PTX08-1010	7/21/2021	(1) Bennett pump service (2) Pre-sample purge	216.60	241			222.0	pre sample purge in support of 5YR GW sampling schedule . Installmed portable tubing budle in well. Sample intake 6' below top of water purged 2.5 GAL to clean tubing bundle then purged 45GAL DQO instuctions after sample collected pull portadle tubing and Bennett pump out of well max water drawdown was less than .1
PTX07-1R03	7/22/2021	(1) Pre-sample purge	254.10					At 0838 started pumping on pre sample purge in support of 5 year GW sampling. Well went dry after 5 gallons. Waited 5 minutes and continued to pump 3 more gallons. Well went dry again, let recover, let recover and finished pumping at 0915. At end of purge top of water was at 255.9'
PTX06-1085	7/23/2021	(1) Pre-sample purge	257.70					Pre-sample purge in support of GW 5 year sampling per DQO. Max water drawdown to 258.8' (1.1').
PTX06-ISB142	7/23/2021	(1) Well video	265.50	285				4"SS cassing and screen in good condition.water is cloudy the sump is clean
PTX06-ISB143	7/23/2021	(1) Well video	264.90	285				
PTX06-ISB146	7/23/2021	(1) Well video	264.20	284				4"SS screen and cassing in good condition water in the sump very cloudy unable to see to the bottom of sump
PTX06-ISB144	7/23/2021	(1) Well video	264.80	285				4"SS screen and cassing in good condition sump is clean
PTX06-ISB148	7/26/2021	(1) Well video	264.60	285				4"SS cassing and screen in good codition sump is clean
PTX06-ISB148	7/26/2021	(1) Well video	263.70	285				4"SS cassing and screen in good condition sump is clean

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PTX06-EW-63	7/29/2021	(1) Extraction well service						rig location pull 14 joints of 1" 1/4 at 20' PVC and 1"-1 /4 at 9.5' sub assisted by P&T techs
PTX06-EW-20	7/29/2021	(1) Extraction well service						rig location pull 14 joints of 1" 1/4 at 20' PVC and 1"-1 /4 at 8.5' sub assisted by P&T techs
PTX06-EW-65	7/29/2021	(1) Extraction well service						conduct tailgate safty briefing and rig location pull 14 joints of 1 1/4 at 20' PVC and 1-1 /4 at 8.5' sub assisted by P&T techs
PTX06-1086	8/2/2021	(1) Pre-sample purge	250.20					Performed pre-sample purge in support of 5 yr. GW sampling. Purged 99 gallons from well per DQO instructions. Max drawdown of water level was to 250.35' (.15").
PTX06-ISB158	8/3/2021	(1) Well video	261.40	283				well acceptance video well has 4"SS screen and riser in good condition sump is clean
PTX06-ISB150	8/3/2021	(1) Well video	263.30	283				well acceptance video. Well has 4"SS screen and riser in good condition sump is clean
PTX06-ISB157	8/3/2021	(1) Well video	261.70	283				well acceptance video . Well has 4"SS screen and riser in good condition sump is clean
PTX06-ISB159	8/3/2021	(1) Well video	261.00	283				well acceptance video. 4" SS sreen and riser in good condition
PTX06-ISB151	8/3/2021	(1) Well video	262.40	281				well acceptance video. Well has 4"SS screen and riser in good condition sump is clean
PTX06-EW-22A	8/4/2021	(1) Extraction well service						on location check site aria pull drop pipe and pump 14 sticks 1 1\4" x 20' PVC assisted by P+T tecks
PTX06-EW-70	8/4/2021	(1) Extraction well service						on location check site aria pull drop pipe and pump 13 sticks 2"x 20' and 1 - 2"x 2' stick assisted by P+T tecks

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PTX06-EW-81A	8/4/2021	(1) Extraction well service						conduct tailgate safty briefing then location check pull drop pipe and pump with 13 sticks @2"x20' PVC assisted by P+T tecks
PTX06-EW-53	8/5/2021	(1) Extraction well service						on location do site inspection rig up pull drop pipe and pump with 13 sticks @ 20' x 1 1/4" and 1 stick @ 15.5' x 1 1/4" all PVC . Pump came loose from drop pipe we got it all out assisted by P+T tecks
PTX06-EW-37	8/5/2021	(1) Extraction well service						conduct tailgate safty briefing then location inspection rig up pull drop pipe and pump with 14-sticks @ 20' x 1 1/4" and 1-stick @ 10' x 1 1/4 PVC assisted by P+T tecks
PTX06-EW-20	8/9/2021	(1) Well video	269.60	289				well inspection video.well has 6" PVC cassing and 6" SS screen cassing is in good condition light iron bacteria in upper screen below top of water heavy iron bacteria and sand in infiltration in lower screen
PTX07-1R03	8/9/2021	(1) Pre-sample purge						Performed second pre-sample purge. Purged 4 gallons, well dried up. Will wait 24hrs. Minimum and return to well to collect samples.
PTX06-EW-22A	8/9/2021	(1) Well video	273.50	296				well inspection video. Well has 6"PVC cassing and 6" SS screen cassing cassing in fair condition and cassing in good condition with sand infiltration on near botton of screen
PTX06-EW-63	8/10/2021	(1) Well video	273.80	295				well inspection video .well has 6"PVC cassing and 6" SS screen cassing in good condition screen is good with light bacteria and sand in screen no sump in well
PTX06-EW-53	8/10/2021	(1) Well video	274.20	281				well inspection video has a 6" PVC cassing and screen in good condition screen is dark but in good condition observed dark sand infiltration

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PTX06-EW-81A	8/11/2021	(1) Well video	224.40	285				Well inspection video. Well has 6" pvc casing and stainless steel screen. Casing is in good condition. Observed scale buildup in screen just below top of water. Dark staining in the screen with moderate amounts of iron bacteria, heavier near bottom of screen. Sump is half full.
PTX06-EW-70	8/11/2021	(1) Well video	235.60	272				Well inspection video. Wellhas 6" pvc casing and stainless steel screen. The casing is in good condition. There was lots of air bubbles coming up the water column causing the bubbles to obstruct vision in the down hole camera view. Observed severe calcium scale in the casing and screen. Moderate to heavy iron bacteria and sand in the screen, heavier near bottom of the screen. The sump is full of scale.
PTX06-EW-37	8/11/2021	(1) Well video	273.00	296				Well inspection video. Well has 6" pvc casing and stainless steel screen. The casing is in good condition. The screen has light to heavy iron bacteria and sand with the heaviest near bottom of the screen. The sump is half full. The water turned cloudy in the video.
PTX06-ISB149	8/12/2021	(1) Well video						Well acceptance video of screen section only after further well development. The depth counter on the video was not working. The water was green tinted making the downhole camera view distorted. The screen and sump are clean.
PTX06-ISB146	8/12/2021	(1) Well video						Well acceptance video of screen section only after further well development. The depth counter on the video was not working. The water was green tinted making the downhole camera view distorted. The screen and sump are clean.
PTX06-ISB152	8/17/2021	(1) Well video	262.80	283				4"SS riser and screen in good condition sump was clean no sand the depth counter did not work

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PTX06-ISB153	8/17/2021	(1) Well video	263.10	283				had a 4"SS risser and sreen with very light green stain on the screen no sand on the bottem sump was clean
PTX10-1014	8/17/2021	(1) Pre-sample purge	257.90					Performed pre-sample purge of 25.3 gallons as directed by Groundwater Media Scientist. Well must be sampled within two weeks of purge.
1114-MW4	8/19/2021	(1) Pre-sample purge	274.50					Performed pre-sample purge of 31.2 gallons as directed by Groundwater Media Scientist. Well must be sampled within two weeks of purge.
PTX06-EW-20	8/23/2021	(1) Re-development						Conducted tailgate safety briefing and daily rig/location checks. Placed LOTO locks on lock box. Began brushing/bailing. The well has 5" schedule 80 pvc casing. The 5" brushes wouldn't go in the casing. Put cable in surge block to scratch the screen and proceeded with brushing/bailing.
PTX06-EW-20	8/25/2021	(1) Re-development						conducted a tailgate safty meeting and rig inspection check. Put LOTO locks on lock box then begain to brush and bail well cassing is a 5" well cassing is PVC brushes would not work put cable on block to scrub well pulled 200 gal of H 2/O
PTX06-EW-37	8/26/2021	(1) Re-development						Placed LOTO locks on lockbox. Conducted tailgate safety briefing and rig/location checks. Well has 5" schedule 80 pvc casing and stainless steel screen. Brushing and bailing the well.
PTX06-EW-81A	9/1/2021	(1) Re-development						put on LOTO conduct tailgate safty and did a rig location inspection and start to brush and bail well pulled 100-GAL

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PTX06-EW-20	9/1/2021	(1) Well video						Post redevelopment well video. The casing and screen are in good condition with significantly less iron bacteria and sand deposits observed in the screen. The sump is clean. There is staining visible in the screen due to past iron bacteria deposits. This is a permanent staining condition.
PTX06-EW-37	9/2/2021	(1) Well video						Post redevelopment video. The casing and screen are in good condition and the screen is clean. The sump is clean with a light amount of sand in the bottom. The water is slightly cloudy throughout the water column.
PTX06-EW-81A	9/3/2021	(1) Re-development						Conducted tailgate safety briefing and rig/location checks. LOTO locks placed on LOTO box. Brushing and bailing well. Getting some sand and light brown water after brushing. Bailed until water began cleaning up.
PTX06-EW-81A	9/7/2021	(1) Well video						Performed post redevelopment well video. Well has 6" pvc casing and stainless steel screen. The casing is in good condition. Noted some calcium deposits near top of the screen with extensive staining throughout the screen. Light amounts of iron bacteria in the screen with some sand infiltration near bottom of the screen. The 1' sump is ~2/3 full of sand.
PTX06-EW-70	9/7/2021	(1) Re-development						on site LOTO had safty meeting inspect rig location and check well sight to bail and scrub well pulled a lot of well calcium out and sand and 3"of tape
PTX06-EW-53	9/9/2021	(1) Re-development						had a safty meeting did LOTO and did a sight inspection first bailed pulled sand looked like filter pack put brush on brushed a littel started to bail pulled more sand bailed 50 gals called it good did not want to make it worse till we run a camra to see it

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PTX06-EW-65	9/9/2021	(1) Re-development						pull up to sight did a sight inspection rig up to bail and brush pulled sand and silt out brushed more pulled out 120 gals
PTX06-EW-53	9/13/2021	(1) Well video						This well was bailed per Maeghan Brundrett to attempt to retrieve tape out of the sump. As techs were bailing, they began to get what appeared to be filter sand out of the well indicating possibly compromised sump. This video confirms that the end cap is busted out of the sump with filter sand visible. A snap shot of the busted end cap was taken during the video process and is copied to the k drive, 2021 well video folder along with the video. Maeghan Brundrett and Michelle Jarrett will be notified of the finding.
PTX06-EW-70	9/13/2021	(1) Well video						Post redevelopment video. The casing and screen are in good condition with mostly staining noted in the screen with very light amount of iron bacteria and scale observed. This well has no sump, only a 6" end cap on bottom of the screen. The end cap is full of sand.
PTX06-EW-65	9/13/2021	(1) Re-development						did LOTO drive to sight do a sight inspection then bail and did some bailing got some light sand and some silt continue to bail and surge
PTX06-EW-65	9/14/2021	(1) Re-development						did LOTO and sight inspection bailed and surge got 30gals out looked good moved to next well
PTX06-EW-22A	9/16/2021	(1) Well video						drive to sight location run camera 6" PVC risser 6" SS screen looked Good

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PTX06-EW-65	9/16/2021	(1) Well video						LOTO then drive to location and had safty meting did sight inspection rig up run camera well looked really good 6" Riser and 6" SS screen very little sand at the endcap
PTX06-EW-81A	9/20/2021	(1) Extraction well service						Conducted tailgate safety briefing and rig/location checks. Placed LOTO locks on lock box. Drove to location, rigged up and installed 2" pvc tubing and submersible pump. P&T techs assisting.
PTX06-EW-22A	9/21/2021	(1) Extraction well service						Conducted location checks. Rigged up and installed submersible pump and tubing. Also installed new power cable. P&T techs assisting.
PTX06-EW-20	9/21/2021	(1) Extraction well service						LOTO locks placed on LOTO box. Conducted tailgate safety briefing and rig/location checks. Rigged up and installed submersible pump and tubing in the well. Also installed new power cable. P&T techs assisting.
PTX06-EW-37	9/21/2021	(1) Extraction well service						Conducted location checks. Rigged up and installed submersible pump and tubing. P&T techs assisting.
PTX06-1122	9/22/2021	(1) Well video		282				Well inspection video WMP. WELL HAS A 4 PVC CASING AND STAINLESS SCREEN IN GOOD CONDITION. THE SUMP WAS CLEAN AND WELL WAS DRY

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PTX06-1144	9/27/2021	(1) Bennett pump service	502.50	802				Well maintenance support of GW multi-level sampling. This event is a resample of level 5 VOC. Pulled dedicated tubing bundle and Bennett pump with top and bottom diverters attached. Installed portable tubing bundle with top diverter attached. Set pump intake at 792' below top of casing. Couldn't get water to pump. Pulled pump and found that pump was clogged with fine sand. Changed pump and installed intake at 782' below top of casing to avoid sand. After well was sampled, pulled portable tubing bundle and pump with multi-level equipment and installed dedicated tubing bundle and Bennett pump with top and Bottom diverters attached. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1209	10/4/2021	(1) Well video	263.70	279				Well acceptance video. Well has 4" pvc casing and screen in good condition. Slots in top section of screen appear distorted. Injection is in progress at adjacent well possibly causing the distortion. The sump is clean with a light amount of sand on bottom.
PTX06-1211	10/4/2021	(1) Well video	265.90	284				Well acceptance video. Well has 4" pvc casing and screen in good condition. The sump is clean with a light amount of sand on bottom. The water is slightly cloudy.
PTX06-1210	10/4/2021	(1) Well video	261.70	280				Well acceptance video. Well has 4" pvc casing and screen in good condition. The sump is clean with a light amount of sand on bottom. The water is slightly cloudy.
PTX01-1012	10/4/2021	(1) Re-development	525.30	899				take TD and water level then pull well boundle and brush and bailed well

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PTX06-1210	10/4/2021	(1) Well video	261.70	280				Well acceptance video. The well has 4" pvc casing and screen in good condition. The sump is clean with light amount of sand on bottom. The water was slightly cloudy.
PTX06-1210	10/4/2021	(1) Well video	263.70	279				Well acceptance video. The well has 4" pvc casing and screen in good condition. Slots in top section of screen appear distorted. Injection is in progress at the next well possibly causing distortion. The slots in the bottom section appear normal.The sump is clean with light amount of sand on bottom.
PTX06-1211	10/4/2021	(1) Well video	265.90	284				Well acceptance video. The well has 4" pvc casing and screen in good condition. The sump is clean with light amount of sand on bottom. The water was slightly cloudy.
PTX06-ISB419	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Wellhas 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen, all in good condition. The sump is clean with light amouint of sand on bottom.
PTX06-ISB417	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Wellhas 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen, all in good condition. The sump is clean with light amouint of sand on bottom.
PTX06-ISB417	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Well has 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen all in good condition. The sump is clean with light amount of sand on bottom.
PTX06-ISB418	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Well has 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen all in good condition. The sump is clean with light amount of sand on bottom.

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PTX06-ISB419	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Well has 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen all in good condition. The sump is clean with light amount of sand on bottom.
PTX06-ISB418	10/5/2021	(1) Well video	280.50	290				Well acceptance video. Wellhas 4" pvc casing, 2 joints of stainless steel casing and stainless steel screen, all in good condition. The sump is clean with light amouint of sand on bottom.
PTX01-1012	10/5/2021	(1) Re-development						brush and bailed well
PTX01-1012	10/6/2021	(1) Re-development						brush and bailed
PTX01-1013	10/7/2021	(1) Bennett pump service						pulled dedicated tubing bundle and bennett pump with lower divertor attachement and prep for well redevelope per WMP
PTX01-1012	10/12/2021	(1) Well video						Post redevelopment well video per WMP. Well has 4" stainless steel casing and screened section in fair condition. Observed significant sand infiltration into the screen, with the heaviest at bottom of the screen. The sump is full of sand.
PTX07-1O06	10/14/2021	(1) Bennett pump service (2) Well video		265				Well inspection per WMP, Well had old 1/2" tubing bundle in poor condition. Due to the condition of the tubing and the well is dry, tubing bundle was not reinstalled. Well has 4" pvc casing and screen in fair condition. The sump is nearly full. The well is dry.
PTX01-1013	10/18/2021	(1) Re-development	521.00	867				4 inch casing brush and bail well

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1209	10/19/2021	(1) Bennett pump service						Provide well maintenance support for sampling activities SRS 2021-4992-044.
PTX06-1210	10/19/2021	(1) Bennett pump service						Provide well maintenance support for sampling activities SRS 2021-4992-044. Installed and removed portable Bennett tubing bundle and pump for sampling.
PTX01-1013	10/19/2021	(1) Re-development						brush and bail
PTX06-1138	10/20/2021	(1) Bennett pump service	472.50	588				6 inch casing pulled bundle With bennett pump and lower diverter for service. Take static water level and TD well
PTX06-1211	10/20/2021	(1) Bennett pump service						Well maintenance support for sampling SRS 2021-4992-044. Installed and removed portable Bennett tubing bundle and pump for sampling.
PTX06-1138	10/25/2021	(1) Re-development						6"WELL surge and brush and bail
PTX06-ISB419	10/25/2021	(1) Bennett pump service						Well maintenance support for sampling SRS 2021-4992-044. Installed and removed portable Bennett tubing bundle and pump for sampling.
PTX06-ISB418	10/25/2021	(1) Bennett pump service						Well maintenance support for sampling SRS 2021-4992-044. Installed and removed portable Bennett tubing bundle and pump for sampling.
PTX06-ISB417	10/25/2021	(1) Bennett pump service						Well maintenance support for sampling SRS 2021-4992-044. Installed and removed portable Bennett tubing bundle and pump for sampling.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1213	10/26/2021	(1) Well video	278.10	287				Well acceptance video. Well has 4" pvc casing. The video was terminated at toop of water due to heavy amount of amendment floating on top of water. Snapshot of top of water was taken. Will consult with M.Jarrett, M. Brundrett, C. Britten and M. Jones re: path forward. Obtained top of water and TD measurements for dedicated tubing bundle ordering purposes.
PTX06-1138	10/26/2021	(1) Re-development						6" SS well surge,brush and bail
PTX06-1214	10/26/2021	(1) Other-explained below	280.90	292				Obtained top of water and TD measurements for dedicated tubing bundle ordering purposes.
PTX06-1138	10/29/2021	(1) Re-development						6"well SS surge and brush and bail well
PTX06-1138	11/2/2021	(1) Re-development						6" SS surge,brush and bail well PULLED TOTAL 320 Gal
PTX01-1013	11/2/2021	(1) Well video						Post redevelopment inspection video. Well has 4" stainless steel casing and screened section. The casing and screen are in good condition with severe sand infiltration in the bottom 10' of the screen. The sump is clean with some sand deposits on bottom.
PTX06-1043	11/4/2021	(1) Bennett pump service	456.00	628				4" well PVC pull tubing bundle and Benett pump.take water level and TD

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-66	11/8/2021	(1) Extraction well service						Conducted tailgate safety briefing and rig/location checks. LOTO locks placed on LOTO box. Pulled 14 joints of 1 1/4" X 20' pvc drop pipe, 1 piece of 1 1/4" X 5.5' pvc pipe and submersible pump. Changed pump which was wired up by P&T techs. Installed pipe and submersible pump in well. Changed out 1 joint of pipe due to cracked upset collar. Unable to obtain water level measurement due to Solinst tape sticking to wet casing.
PTX06-EW-54	11/9/2021	(1) Extraction well service		280				Conducted location checks. LOTO locks placed on LOTO box. Pulled 14 joints of 1 1/4" X 20' pvc drop pipe, 1 - 1 1/4" X 34" pvc pipe and submersible pump. P&T techs changed pump. Reinstalled drop pipe and new pump in the well. Unable to obtain water level measurement due to Solinst tape sticking to wet casing.
PTX06-EW-15	11/9/2021	(1) Extraction well service		291				Conducted tailgate safety briefing and daily rig/location checks. LOTO locks placed on LOTO box. Pulled 14 joints of 1 1/4" X 20' pvc drop pipe, 1 - 1 1/4" X 34" pvc pipe and submersible pump. P&T techs changed pump. Reinstalled drop pipe and new pump in the well. Unable to obtain water level measurement due to Solinst tape sticking to wet casing.
PTX06-EW-57	11/10/2021	(1) Extraction well service		293				Conducted tailgate safety briefing and rig/location checks. LOTO locks placed on LOTO box. Pulled 13 joints of 1 1/4" X 20' pvc drop pipe, 1 - 1 1/4" X 8' pvc pipe and submersible pump. P&T techs changed pump. Reinstalled drop pipe and new pump in the well. Unable to obtain water level measurement due to Solinst tape sticking to wet casing.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-12	11/10/2021	(1) Extraction well service	274.30	282				Conducted location checks. LOTO locks on LOTO box. P ulled 13 joints of 1 1/4" X 20' pvc drop pipe, 1 - 1 1/4" X 15'6" pipe and submersible pump. Pump was unscrewed from drop pipe and was supported by the safety cable.
PTX06-EW-12	11/11/2021	(1) Extraction well service						Conducted tailgate safety briefing and rig/location checks. P&T techs changed submersible pump. Replaced 2 joints of pipe. Installed drop pipe and pump. Lowered pump 4' from previous setting. This well now has 14 joints of drop pipe and submersible pump installed.
PTX06-ISB330	11/12/2021	(1) Well video	282.50	290				Well acceptance video 4" SS casing. Good condition minimun silt in sump
PTX06-ISB331	11/12/2021	(1) Well video	283.00	293				Well acceptance video 4"SS Casing .Good condition minimun silt in sump
PTX06-1138	11/15/2021	(1) Well video	472.50	588				Post redevelopment well video. Well has 6" stainless steel casing and screen. The casing and screen are in good condition with heavy sand infiltration noted in the bottom portion of the screen. The sump is full of sand.
PTX06-1043	11/15/2021	(1) Bennett pump service	455.50	628				Get TD and water level.Wells a 4"SS surge/brush had silty clay on tool with a little filter pack sand started bailing had some filter pack sand and mud
PTX06-1043	11/18/2021	(1) Bennett pump service						4'SS well surge/brush and bail well cleaned up

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1043	11/22/2021	(1) Well video	455.50	628				Post redevelopment well video inspection. Well has 4" stainless steel casing and screen. The casing is in good condition. The screen has scale and sand in it throughout, with sand infiltration heavier to extremely heavy at bottom of the screen. The sump is full. More brushing and bailing is necessary. Video is copied to the 2021 well video folder on the d drive.
PTX06-1138	11/24/2021	(1) Bennett pump service	472.50	588		10.0	480.0	Reinstalled tubing bundle completing the inspection process. Pumped 3 gallons to ensure sound operations.
PTX06-1036	11/24/2021	(1) Bennett pump service	284.80	286		6.0		Pulled tubing bundle in preparation for well inspection. Additional info: this tubing bundle is an old 1/2" tubing bundle and is in poor condition. Tubing bundle will be discarded in the landfill. GKN13541
PTX06-1036	11/29/2021	(1) Well video	284.50	286				well inspection 4" casing.the well all PVC good condition.very light sand
PTX06-MEW405	11/29/2021	(1) Well video	280.90	292				Well acceptance video. Well has 6" pvc casing and 6" stainless steel screen. The casing and screen are in good condition with yellow substance deposited in the screen. The sump is clean with light amount of fill in the bottom. The casing to screen changeover appeared to have a dogleg in it however, it is unknown if this is a problem with the casing or the camera being off center.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-MEW404	11/29/2021	(1) Well video	280.90	292				Well acceptance video. Well has 6" pvc casing and 6" stainless steel screen. The casing and screen are in good condition with yellow substance deposited in the screen. The sump is clean with light amount of fill in the bottom. The casing to screen changeover appeared to have a dogleg in it however, it is unknown if this is a problem with the casing or the camera being off center.
PTX06-MEW405	11/30/2021	(1) Bennett pump service						Provide well maintenance support for sampling SRS 2021-4992-044 by installing and removing portable Bennett tubing bundle and pump in well.
PTX06-MEW404	11/30/2021	(1) Bennett pump service						Provide well maintenance support for sampling SRS 2021-4992-044 by installing and removing portable Bennett tubing bundle and pump in well.
PTX06-1204	12/1/2021	(1) Well video	282.00	300				4"PVCriser and screen all the way from top to bottom good condition
PTX06-1196	12/1/2021	(1) Well video	281.50	294				4"riser and screen PVC all the way bottom good condition
PTX06-1080	12/2/2021	(1) Well video	272.00	289				4" PVC riser and screen it all looked good screen was good with light sand on end cap
PTX06-1052	12/2/2021	(1) Bennett pump service		293	277	6.0	283.0	Pulled old 1/2" dedicated tubing bundle out of well. Installed 1/4" dedicated tubing bundle in the well. This tubing bundle was previously installed in PTX06-1074 which has ben P&A. The tubing bundle was shortned to install in this well. Pumped 3 gallons of water from the well. No solinst water level meter was available on location to measure top of water. The sample intake setting is set at 5' below top of water as measured in June and August 2021. That measurement was 277.9'

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1002A	12/7/2021	(1) Well video	258.50	275				4" SS riser and screen the riser was ok but the screen had a lot of corosion and scaling was very bad in the water table of the screen needs some brushing and bailing on my opinion with light sand on the end cap
PTX06-1126	12/8/2021	(1) Well video	268.50	269				6" PVC riser SS screen ran camera down had some trash on water floating had to pull camera to clean and run back down riser looked good screen not very clean silt and sand filled sump in to the sreen
PTX06-1077A	12/9/2021	(1) Well video	269.50	277				4" PVC riser and screen all looks good top of water was a little murky but cleared up the deeper we went but the sump was full of sand and silt all the way in to the screen
PTX06-1062A	1/13/2021	(1) Bennett pump service	516.00	873				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1157	1/13/2021	(1) Bennett pump service	399.50	527				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump with drop tube and lower diverter attached in well. Pumped 3 gallons of water from the well. Pumping good.
PTX06-1141	1/13/2021		486.20	678				The seismic project is complete with the wells. Installed dedicated tubing bundle and Bennett pump with lower diverter attached in well. Pumped 3 gallons of water from the well. Pumping good.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-1074	2/5/2021	(1) Well video	429.70	625				Performed well inspection video focusing on 74' and 325' below top of casing. 4" stainless steel casing and screen. Observed the following: yellow staining at 55' with corrosion and pitting in the casing seam, 59' yellow staining with severe pitting in middle of the stain, there are several more spots with similar staining throughout the casing, 74'-75' no indication of compromised casing, 204.5' possible grout in casing joint. The leak in the casing joint at 324' has deteriorated significantly since the 2016 video was made. Extreme calcification buildup at joint and extends well below the casing joint. Calcification buildup below 400' but unable to determine the origin. Observed mud and sand packed in the screen above water. The screen is relatively clean below top of water. The water was cloudy. Sand and debris buildup has filled up the sump into the screen. No indication how far the buildup is in the screen. Several zip ties from the tubing bundle on top of sand buildup.
PTX06-PZ01	3/29/2021	(1) Other-explained below	260.30	276				Performed well inspection per well maintenance plan. This well has 2" pvc casing therefore no well video was performed for this inspection.
PTX06-EW-3	3/31/2021	(1) Extraction well service						Verified LOTO status of this well and placed LOTO locks on lock box. Conducted location checks. Rigged up and pulled 13 joints of 1 1/4" X 20' pvc tubing, 1 - 1 1/4" X 16' sub, 1 - 1 1/4" X 2 1/2' sub and submersible pump. Work is being performed per WMR and well maintenance plan. P&T techs assisting.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-60	3/31/2021	(1) Extraction well service						Verified LOTO status of this well and placed LOTO locks on lock box.Conducted tailgate safety briefing and daily rig/location checks. Rigged up and pulled 13 joints of 1 1/4" X 20' pvc tubing, 1 1 1/4" X 7' sub and submersible pump. Work is being performed per WMR and well maintenance plan. P&T techs assisting.
PTX06-EW-3	4/5/2021	(1) Well video	272.40	284				Performed well video per WMP inspection schedule. This well has 6" stainless steel casing and screen. The casing and screen are in good condition, the screen is clean. The sump is clean with a light amount of sand on bottom.
PTX06-EW-60	4/5/2021	(1) Well video	274.70	293				Performed well video per WMP inspection schedule. This well has 6" pvc casing and stainless steel screen. The casing is in good condition. The screen has moderate to heavy iron bacteria and sand buildup. This well has no sump.
PTX06-1158	4/19/2021	(1) Well video		285				Performed well inspection video per WMP. Well has 4" pvc casing and screened section. The casing and screen are in good condition. The sump is clean. Observed approximately 4" of water in the sump.
PTX06-ISB411	4/19/2021	(1) Well video	280.70	290				Performed well video per WMR to inspect the plug installed in the sump. This well has 4" stainless steel casing and screened section. The casing and screen are in good condition. The plug is visible in bottom of the sump. There appears to be gaps between the plug and walls of the sump, however it is unknown what the bottom of the plug is.

Location	Work Date	Activity	Water Level Measurement (ft btoc)	Total Depth Measurement (ft btoc)	Tubing bundle length (ft)	Drop tube length (ft)	Intake Depth	Comments
PTX06-EW-60	4/21/2021	(1) Re-development						Conducted tailgate safety briefing and daily rig/location checks. Surged/brushed screened section then bailing brown colored water with moderate amounts of sand. Water cleaned up after bailing 60 gallons.

btoc – below top of casing

[1]Water level and total depth measurements are required only once during a well maintenance event, although daily measurements were collected during some maintenance activities. Total well depths are only required when all equipment is removed from the well.

[2]Pump intake depth measurements are necessary only when the depths are reset.

Table C-2. Depth to Water, Total Depth Measurements, and Groundwater Elevations

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX01-1010	Ogallala	2/1/2021	510.10	3066.05		
PTX01-1010	Ogallala	6/15/2021	511.90	3064.25		
PTX01-1010	Ogallala	8/3/2021	515.00	3061.15		
PTX01-1011	Ogallala	2/1/2021	508.30	3066.77		
PTX01-1011	Ogallala	6/15/2021	507.70	3067.37		
PTX01-1011	Ogallala	8/3/2021	508.60	3066.47		
PTX01-1012	Ogallala	1/26/2021	521.10	3053.66		
PTX01-1012	Ogallala	6/11/2021	524.80	3049.96		
PTX01-1012	Ogallala	12/13/2021	523.50	3051.26		
PTX01-1013	Ogallala	1/26/2021	517.60	3066.70		
PTX01-1013	Ogallala	6/11/2021	517.80	3066.50		
PTX01-1013	Ogallala	12/13/2021	520.10	3064.20		
PTX06-1043	Ogallala	1/27/2021	455.50	3069.14		
PTX06-1043	Ogallala	6/11/2021	454.90	3069.74		
PTX06-1043	Ogallala	8/2/2021	455.40	3069.24		
PTX06-1043	Ogallala	12/13/2021	455.20	3069.44		
PTX06-1044	Ogallala	4/29/2021	503.20	3041.31		
PTX06-1044	Ogallala	6/11/2021	502.60	3041.91		
PTX06-1044	Ogallala	10/20/2021	503.60	3040.91		
PTX06-1044	Ogallala	12/13/2021	503.90	3040.61		
PTX06-1056	Ogallala	1/26/2021	401.80	3131.16		
PTX06-1056	Ogallala	6/14/2021	402.00	3130.96		
PTX06-1056	Ogallala	8/2/2021	404.30	3128.66		
PTX06-1056	Ogallala	12/16/2021	401.30	3131.66		
PTX06-1057A	Ogallala	4/27/2021	477.10	3090.00		
PTX06-1057A	Ogallala	6/15/2021	477.20	3089.90		
PTX06-1057A	Ogallala	12/16/2021	477.60	3089.50		
PTX06-1058	Ogallala	6/14/2021	405.70	3162.85		
PTX06-1058	Ogallala	7/26/2021	406.30	3162.25		
PTX06-1058	Ogallala	12/13/2021	405.55	3163.00		
PTX06-1059	Ogallala	6/14/2021	422.40	3125.63		
PTX06-1059	Ogallala	7/26/2021	422.30	3125.73		
PTX06-1059	Ogallala	12/13/2021	422.58	3125.45		
PTX06-1060	Ogallala	4/19/2021	358.20	3214.56		
PTX06-1060	Ogallala	6/11/2021	357.90	3214.86		
PTX06-1060	Ogallala	12/13/2021	358.00	3214.76		
PTX06-1061	Ogallala	4/20/2021	513.10	3078.84		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1061	Ogallala	6/11/2021	513.50	3078.44		
PTX06-1061	Ogallala	12/13/2021	516.20	3075.74		
PTX06-1062A	Ogallala	2/1/2021	514.80	3059.16		
PTX06-1062A	Ogallala	6/15/2021	516.00	3057.96		
PTX06-1062A	Ogallala	8/3/2021	517.70	3056.26		
PTX06-1064	Ogallala	6/11/2021	521.70	3042.93		
PTX06-1064	Ogallala	10/20/2021	523.90	3040.73		
PTX06-1064	Ogallala	12/13/2021	522.90	3041.73		
PTX06-1068	Ogallala	4/28/2021	533.10	3005.61		
PTX06-1068	Ogallala	6/11/2021	533.10	3005.61		
PTX06-1068	Ogallala	10/19/2021	533.90	3004.81		
PTX06-1068	Ogallala	12/13/2021	533.70	3005.01		
PTX06-1072	Ogallala	1/27/2021	421.60	3130.20		
PTX06-1072	Ogallala	6/15/2021	422.40	3129.40		
PTX06-1072	Ogallala	8/2/2021	421.90	3129.90		
PTX06-1072	Ogallala	12/16/2021	422.30	3129.50		
PTX06-1074	Ogallala	6/11/2021	429.70	3148.73		
PTX06-1075	Ogallala	6/14/2021	352.20	3196.26		
PTX06-1075	Ogallala	7/26/2021	352.30	3196.16		
PTX06-1075	Ogallala	12/14/2021	352.10	3196.36		
PTX06-1076	Ogallala	4/29/2021	347.60	3182.76		
PTX06-1076	Ogallala	6/14/2021	347.00	3183.36		
PTX06-1076	Ogallala	10/20/2021	346.70	3183.66		
PTX06-1076	Ogallala	12/16/2021	346.80	3183.56		
PTX06-1137A	Ogallala	4/28/2021	478.60	3051.01		
PTX06-1137A	Ogallala	6/14/2021	479.20	3050.41		
PTX06-1137A	Ogallala	10/18/2021	478.70	3050.91		
PTX06-1137A	Ogallala	12/13/2021	478.80	3050.81		
PTX06-1138	Ogallala	4/20/2021	471.70	3065.00		
PTX06-1138	Ogallala	6/11/2021	471.90	3064.80		
PTX06-1138	Ogallala	10/18/2021	472.10	3064.60		
PTX06-1138	Ogallala	12/13/2021	472.30	3064.40		
PTX06-1139	Ogallala	2/2/2021	442.70	3089.03		
PTX06-1139	Ogallala	6/14/2021	443.90	3087.83		
PTX06-1139	Ogallala	8/9/2021	442.90	3088.83		
PTX06-1139	Ogallala	12/13/2021	443.30	3088.43		
PTX06-1140	Ogallala	4/28/2021	499.20	3030.19		
PTX06-1140	Ogallala	6/11/2021	498.00	3031.39		
PTX06-1140	Ogallala	10/18/2021	499.20	3030.19		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1140	Ogallala	12/13/2021	499.30	3030.09		
PTX06-1141	Ogallala	1/27/2021	487.00	3075.73		
PTX06-1141	Ogallala	6/15/2021	486.80	3075.93		
PTX06-1141	Ogallala	12/16/2021	487.10	3075.63		
PTX06-1143	Ogallala	4/27/2021	503.00	3044.94		
PTX06-1143	Ogallala	6/11/2021	502.40	3045.54		
PTX06-1143	Ogallala	10/19/2021	503.40	3044.54		
PTX06-1143	Ogallala	12/13/2021	503.70	3044.24		
PTX06-1144	Ogallala	4/27/2021	501.80	3026.78		
PTX06-1144	Ogallala	6/11/2021	502.00	3026.58		
PTX06-1144	Ogallala	10/19/2021	501.90	3026.68		
PTX06-1144	Ogallala	12/13/2021	502.20	3026.38		
PTX06-1157	Ogallala	2/2/2021	399.40	3126.55		
PTX06-1157	Ogallala	6/14/2021	398.90	3127.05		
PTX06-1157	Ogallala	8/9/2021	398.70	3127.25		
PTX06-1157	Ogallala	12/13/2021	398.80	3127.15		
PTX07-1R01	Ogallala	6/16/2021	461.90	3109.97		
PTX07-1R01	Ogallala	7/22/2021	461.60	3110.27		
PTX07-1R01	Ogallala	8/9/2021	462.80	3109.07		
PTX07-1R01	Ogallala	12/20/2021	461.80	3110.07		
PTX08-1011A	Ogallala	6/15/2021	410.90	3165.68		
1114-MW4	Perched	6/15/2021	274.60	3276.13		
1114-MW4	Perched	8/24/2021	274.50	3276.23		
1114-MW4	Perched	12/16/2021	274.70	3276.03		
OW-WR-38	Perched	1/13/2021	216.00	3305.94		
OW-WR-38	Perched	1/13/2021	216.00	3305.94		
OW-WR-38	Perched	5/10/2021	215.60	3306.34		
OW-WR-38	Perched	6/11/2021	215.40	3306.54		
OW-WR-38	Perched	12/13/2021	214.90	3307.04		
OW-WR-45	Perched	6/15/2021	262.70	3284.40		
OW-WR-45	Perched	12/16/2021	262.20	3284.90		
PTX01-1001	Perched	6/15/2021	285.20	3283.96		
PTX01-1001	Perched	10/25/2021	284.90	3284.26		
PTX01-1001	Perched	12/13/2021	284.60	3284.56		
PTX01-1004	Perched	6/15/2021				
PTX01-1004	Perched	12/14/2021				
PTX01-1006	Perched	6/15/2021				
PTX01-1006	Perched	12/14/2021				
PTX01-1007	Perched	12/14/2021				

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX01-1007	Perched	6/15/2021	263.20	3313.54		
PTX01-1008	Perched	6/15/2021	272.40	3298.38		
PTX01-1008	Perched	10/25/2021	272.60	3298.18		
PTX01-1008	Perched	12/14/2021	272.50	3298.28		
PTX01-1009	Perched	6/15/2021	287.10	3282.21		
PTX01-1009	Perched	12/16/2021	286.60	3282.71		
PTX01-1014A	Perched	6/17/2021				
PTX01-1014A	Perched	12/20/2021				
PTX04-1002	Perched	6/11/2021	223.70	3307.55		
PTX04-1002	Perched	7/21/2021	223.70	3307.55		
PTX04-1002	Perched	12/13/2021	223.70	3307.55		
PTX06-1002A	Perched	2/24/2021	259.40	3281.98		
PTX06-1002A	Perched	2/24/2021	259.40	3281.98		
PTX06-1002A	Perched	6/14/2021	259.00	3282.38		
PTX06-1002A	Perched	12/14/2021	258.40	3282.98		
PTX06-1003	Perched	6/14/2021	264.50	3275.32		
PTX06-1003	Perched	12/14/2021	264.50	3275.32		
PTX06-1005	Perched	2/24/2021	279.80	3258.11		
PTX06-1005	Perched	2/24/2021	279.80	3258.11		
PTX06-1005	Perched	6/14/2021	280.30	3257.61		
PTX06-1005	Perched	8/4/2021	280.30	3257.61		
PTX06-1005	Perched	12/14/2021	280.80	3257.11		
PTX06-1006	Perched	6/15/2021	269.80	3275.12		
PTX06-1006	Perched	11/9/2021	270.00	3274.92		
PTX06-1006	Perched	12/16/2021	270.00	3274.92		
PTX06-1007	Perched	6/15/2021	270.00	3276.70		
PTX06-1007	Perched	11/9/2021	269.90	3276.80		
PTX06-1007	Perched	12/16/2021	269.90	3276.80		
PTX06-1008	Perched	5/4/2021	268.60	3280.58		
PTX06-1008	Perched	6/15/2021	268.30	3280.88		
PTX06-1008	Perched	12/16/2021	268.20	3280.98		
PTX06-1009	Perched	6/15/2021	266.00	3280.61		
PTX06-1009	Perched	12/16/2021	266.00	3280.61		
PTX06-1010	Perched	5/12/2021	259.90	3286.26		
PTX06-1010	Perched	6/15/2021	259.70	3286.46		
PTX06-1010	Perched	12/16/2021	259.80	3286.36		
PTX06-1011	Perched	5/12/2021	276.20	3269.17		
PTX06-1011	Perched	6/15/2021	276.20	3269.17		
PTX06-1011	Perched	12/16/2021	276.50	3268.87		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1012	Perched	3/30/2021	269.14	3271.72		
PTX06-1012	Perched	6/21/2021	269.30	3271.56		
PTX06-1012	Perched	11/10/2021	268.84	3272.02		
PTX06-1012	Perched	12/13/2021	268.96	3271.90		
PTX06-1013	Perched	4/21/2021	249.00	3295.24		
PTX06-1013	Perched	6/11/2021	248.80	3295.44		
PTX06-1013	Perched	12/13/2021	248.80	3295.44		
PTX06-1014	Perched	6/14/2021	278.50	3254.64		
PTX06-1014	Perched	8/4/2021	278.50	3254.64		
PTX06-1014	Perched	12/14/2021	278.70	3254.44		
PTX06-1015	Perched	3/1/2021	288.00	3242.10		
PTX06-1015	Perched	6/14/2021	288.00	3242.10		
PTX06-1015	Perched	12/16/2021	288.00	3242.10		
PTX06-1017	Perched	6/14/2021	279.50	3254.16		
PTX06-1017	Perched	12/14/2021	279.80	3253.86		
PTX06-1023	Perched	2/8/2021	246.90	3297.53		
PTX06-1023	Perched	6/11/2021	246.80	3297.63		
PTX06-1023	Perched	12/13/2021	246.70	3297.73		
PTX06-1030	Perched	6/14/2021				
PTX06-1030	Perched	10/21/2021				
PTX06-1030	Perched	12/14/2021				
PTX06-1031	Perched	1/13/2021	285.00	3244.41		
PTX06-1031	Perched	1/13/2021	285.00	3244.41		
PTX06-1031	Perched	5/3/2021	285.20	3244.21		
PTX06-1031	Perched	7/13/2021	285.30	3244.11		
PTX06-1031	Perched	10/27/2021	285.50	3243.91		
PTX06-1031	Perched	12/14/2021	285.40	3244.01		
PTX06-1034	Perched	2/2/2021	283.30	3241.62		
PTX06-1034	Perched	6/14/2021	283.50	3241.42		
PTX06-1034	Perched	8/24/2021	283.60	3241.32		
PTX06-1034	Perched	12/13/2021	283.60	3241.32		
PTX06-1035	Perched	2/9/2021	270.30	3271.39		
PTX06-1035	Perched	6/14/2021	270.20	3271.49		
PTX06-1035	Perched	8/11/2021	270.10	3271.59		
PTX06-1035	Perched	12/14/2021	270.10	3271.59		
PTX06-1036	Perched	6/14/2021	284.80	3249.81		
PTX06-1036	Perched	12/16/2021	284.70	3249.91		
PTX06-1037	Perched	5/26/2021	279.86	3248.49		
PTX06-1037	Perched	6/16/2021	279.80	3248.55		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1037	Perched	8/3/2021	0.00	3528.35		
PTX06-1037	Perched	12/14/2021	279.92	3248.43		
PTX06-1038	Perched	1/13/2021	266.10	3276.19		
PTX06-1038	Perched	1/13/2021	266.10	3276.19		
PTX06-1038	Perched	2/8/2021	266.20	3276.09		
PTX06-1038	Perched	6/14/2021	266.00	3276.29		
PTX06-1038	Perched	12/14/2021	265.90	3276.39		
PTX06-1039A	Perched	2/24/2021	274.20	3266.51		
PTX06-1039A	Perched	2/24/2021	274.20	3266.51		
PTX06-1039A	Perched	6/14/2021	274.10	3266.61		
PTX06-1039A	Perched	12/14/2021	274.30	3266.41		
PTX06-1040	Perched	5/4/2021	281.20	3258.46		
PTX06-1040	Perched	6/14/2021	281.50	3258.16		
PTX06-1040	Perched	11/3/2021	282.40	3257.26		
PTX06-1040	Perched	12/14/2021	282.70	3256.96		
PTX06-1041	Perched	5/4/2021	280.40	3258.36		
PTX06-1041	Perched	6/14/2021	280.70	3258.06		
PTX06-1041	Perched	11/3/2021	281.70	3257.06		
PTX06-1041	Perched	12/14/2021	281.90	3256.86		
PTX06-1042	Perched	5/4/2021	279.00	3256.37		
PTX06-1042	Perched	6/14/2021	279.00	3256.37		
PTX06-1042	Perched	10/25/2021	279.40	3255.97		
PTX06-1042	Perched	12/14/2021	279.50	3255.87		
PTX06-1045	Perched	5/26/2021	279.43	3248.77		
PTX06-1045	Perched	6/11/2021	279.40	3248.80		
PTX06-1045	Perched	12/14/2021	278.70	3249.50		
PTX06-1046	Perched	5/3/2021	281.10	3246.69		
PTX06-1046	Perched	6/11/2021	280.90	3246.89		
PTX06-1046	Perched	10/26/2021	280.80	3246.99		
PTX06-1046	Perched	12/14/2021	280.80	3246.99		
PTX06-1047A	Perched	4/21/2021	279.10	3247.37		
PTX06-1047A	Perched	6/11/2021	279.00	3247.47		
PTX06-1047A	Perched	10/26/2021	279.00	3247.47		
PTX06-1047A	Perched	12/14/2021	279.00	3247.47		
PTX06-1048A	Perched	4/21/2021	236.60	3303.94		
PTX06-1048A	Perched	6/11/2021	236.20	3304.34		
PTX06-1048A	Perched	12/13/2021	236.30	3304.24		
PTX06-1049	Perched	1/13/2021	275.00	3281.58		
PTX06-1049	Perched	1/13/2021	275.00	3281.58		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1049	Perched	6/15/2021	275.40	3281.18		
PTX06-1049	Perched	7/27/2021	275.30	3281.28		
PTX06-1049	Perched	12/16/2021	275.30	3281.28		
PTX06-1050	Perched	2/9/2021	257.10	3297.28		
PTX06-1050	Perched	6/15/2021	256.80	3297.58		
PTX06-1050	Perched	12/16/2021	256.50	3297.88		
PTX06-1051	Perched	6/14/2021	293.00	3239.29		
PTX06-1051	Perched	12/16/2021	293.00	3239.29		
PTX06-1052	Perched	3/1/2021	277.80	3259.20		
PTX06-1052	Perched	6/14/2021	277.90	3259.10		
PTX06-1052	Perched	8/18/2021	277.90	3259.10		
PTX06-1052	Perched	12/16/2021	278.20	3258.80		
PTX06-1053	Perched	2/8/2021	250.30	3269.54		
PTX06-1053	Perched	6/14/2021	250.30	3269.54		
PTX06-1053	Perched	12/16/2021	250.30	3269.54		
PTX06-1069	Perched	6/11/2021	253.30	3279.71		
PTX06-1069	Perched	7/28/2021	253.50	3279.51		
PTX06-1069	Perched	12/13/2021	253.40	3279.61		
PTX06-1071	Perched	6/11/2021	223.10	3308.05		
PTX06-1071	Perched	7/20/2021	223.30	3307.85		
PTX06-1071	Perched	12/13/2021	223.20	3307.95		
PTX06-1073A	Perched	6/15/2021				
PTX06-1073A	Perched	12/16/2021				
PTX06-1077A	Perched	6/15/2021	269.80	3279.65		
PTX06-1077A	Perched	7/28/2021	269.70	3279.75		
PTX06-1077A	Perched	12/16/2021	269.80	3279.65		
PTX06-1078	Perched	6/11/2021				
PTX06-1078	Perched	12/13/2021				
PTX06-1079	Perched	6/11/2021	271.60	3271.38		
PTX06-1079	Perched	12/13/2021	271.70	3271.28		
PTX06-1080	Perched	6/11/2021	272.60	3263.64		
PTX06-1080	Perched	12/13/2021	272.40	3263.84		
PTX06-1081	Perched	6/11/2021	226.30	3307.15		
PTX06-1081	Perched	12/13/2021	226.90	3306.55		
PTX06-1082	Perched	6/11/2021	175.40	3293.51		
PTX06-1082	Perched	7/20/2021	175.40	3293.51		
PTX06-1082	Perched	12/13/2021	175.40	3293.51		
PTX06-1083	Perched	6/11/2021	179.30	3288.89		
PTX06-1083	Perched	7/20/2021	179.30	3288.89		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1083	Perched	12/13/2021	179.20	3288.99		
PTX06-1084	Perched	6/11/2021	203.30	3276.37		
PTX06-1084	Perched	12/14/2021	204.00	3275.67		
PTX06-1085	Perched	6/14/2021	258.80	3275.00		
PTX06-1085	Perched	7/28/2021	258.80	3275.00		
PTX06-1085	Perched	12/13/2021	258.90	3274.90		
PTX06-1086	Perched	6/14/2021	250.20	3275.76		
PTX06-1086	Perched	8/4/2021	250.20	3275.76		
PTX06-1086	Perched	12/13/2021	250.21	3275.75		
PTX06-1087	Perched	6/15/2021	254.10	3279.96		
PTX06-1087	Perched	12/13/2021	254.40	3279.66		
PTX06-1088	Perched	5/12/2021	277.30	3266.61		
PTX06-1088	Perched	6/15/2021	277.40	3266.51		
PTX06-1088	Perched	11/9/2021	277.80	3266.11		
PTX06-1088	Perched	12/16/2021	277.60	3266.31		
PTX06-1089	Perched	6/11/2021	272.30	3263.16		
PTX06-1089	Perched	12/13/2021	272.30	3263.16		
PTX06-1090	Perched	6/14/2021				
PTX06-1090	Perched	12/13/2021				
PTX06-1091	Perched	6/14/2021				
PTX06-1091	Perched	12/13/2021				
PTX06-1093	Perched	6/11/2021				
PTX06-1093	Perched	12/13/2021				
PTX06-1095A	Perched	5/10/2021	278.30	3257.43		
PTX06-1095A	Perched	6/14/2021	278.30	3257.43		
PTX06-1095A	Perched	11/3/2021	278.60	3257.13		
PTX06-1095A	Perched	12/14/2021	278.70	3257.03		
PTX06-1097	Perched	6/15/2021				
PTX06-1097	Perched	12/16/2021				
PTX06-1098	Perched	6/23/2021	278.57	3255.02		
PTX06-1098	Perched	12/14/2021	278.78	3254.81		
PTX06-1100	Perched	6/15/2021	279.40	3255.23		
PTX06-1100	Perched	6/23/2021	279.13	3255.50		
PTX06-1100	Perched	12/14/2021	279.62	3255.01		
PTX06-1101	Perched	6/15/2021	278.60	3254.95		
PTX06-1101	Perched	6/23/2021	278.55	3255.00		
PTX06-1101	Perched	12/14/2021	278.84	3254.71		
PTX06-1102	Perched	6/14/2021				
PTX06-1102	Perched	12/16/2021	288.30	3246.62		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1103	Perched	6/14/2021				
PTX06-1103	Perched	11/2/2021				
PTX06-1103	Perched	12/16/2021				
PTX06-1104	Perched	6/15/2021				
PTX06-1106	Perched	6/15/2021				
PTX06-1107	Perched	6/15/2021				
PTX06-1109	Perched	6/11/2021	220.00	3299.32		
PTX06-1109	Perched	12/13/2021	219.60	3299.72		
PTX06-1110	Perched	6/11/2021	222.70	3298.83		
PTX06-1110	Perched	12/13/2021	222.40	3299.13		
PTX06-1112	Perched	6/11/2021	238.90	3304.57		
PTX06-1112	Perched	12/13/2021	239.00	3304.47		
PTX06-1113	Perched	6/11/2021	241.30	3304.17		
PTX06-1113	Perched	12/13/2021	241.60	3303.87		
PTX06-1115	Perched	6/11/2021	228.20	3300.98		
PTX06-1115	Perched	12/13/2021	227.40	3301.78		
PTX06-1116	Perched	6/11/2021	230.20	3299.96		
PTX06-1116	Perched	12/13/2021	229.50	3300.66		
PTX06-1117	Perched	6/11/2021	230.20	3300.83		
PTX06-1118	Perched	12/14/2021				
PTX06-1118	Perched	6/15/2021	279.86	3249.59		
PTX06-1120	Perched	6/11/2021	279.80	3247.78		
PTX06-1120	Perched	10/26/2021	279.40	3248.18		
PTX06-1120	Perched	12/14/2021	279.20	3248.38		
PTX06-1121	Perched	6/11/2021	279.40	3247.13		
PTX06-1121	Perched	12/14/2021	279.30	3247.23		
PTX06-1122	Perched	6/14/2021				
PTX06-1122	Perched	12/16/2021				
PTX06-1123	Perched	5/26/2021	279.55	3249.48		
PTX06-1123	Perched	6/16/2021	279.60	3249.43		
PTX06-1123	Perched	8/3/2021	279.57	3249.46		
PTX06-1123	Perched	12/14/2021	279.65	3249.38		
PTX06-1125	Perched	6/11/2021				
PTX06-1125	Perched	12/14/2021				
PTX06-1126	Perched	5/11/2021	269.30	3273.15		
PTX06-1126	Perched	6/14/2021	269.30	3273.15		
PTX06-1126	Perched	6/21/2021	269.40	3273.05		
PTX06-1126	Perched	11/10/2021	268.80	3273.65		
PTX06-1126	Perched	12/14/2021	268.90	3273.55		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1127	Perched	5/11/2021	265.50	3273.10		
PTX06-1127	Perched	6/14/2021	265.60	3273.00		
PTX06-1127	Perched	11/10/2021	264.90	3273.70		
PTX06-1127	Perched	12/14/2021	265.20	3273.40		
PTX06-1128	Perched	6/11/2021	220.60	3301.36		
PTX06-1128	Perched	12/13/2021	219.70	3302.26		
PTX06-1129	Perched	6/11/2021	225.20	3297.34		
PTX06-1129	Perched	12/13/2021	225.20	3297.34		
PTX06-1130	Perched	6/11/2021				
PTX06-1130	Perched	10/21/2021				
PTX06-1130	Perched	12/13/2021				
PTX06-1131	Perched	4/26/2021	279.40	3269.97		
PTX06-1131	Perched	6/14/2021	279.60	3269.77		
PTX06-1131	Perched	12/14/2021	279.40	3269.97		
PTX06-1133A	Perched	5/5/2021	276.80	3243.85		
PTX06-1133A	Perched	6/11/2021	276.90	3243.75		
PTX06-1133A	Perched	11/1/2021	278.20	3242.45		
PTX06-1133A	Perched	12/14/2021	279.30	3241.35		
PTX06-1134	Perched	4/26/2021	266.30	3271.89		
PTX06-1134	Perched	6/14/2021	266.40	3271.79		
PTX06-1134	Perched	11/2/2021	266.40	3271.79		
PTX06-1134	Perched	12/16/2021	266.40	3271.79		
PTX06-1135	Perched	6/14/2021	273.30	3262.23		
PTX06-1135	Perched	12/16/2021	273.40	3262.13		
PTX06-1136	Perched	6/15/2021				
PTX06-1136	Perched	12/16/2021				
PTX06-1146	Perched	2/2/2021	278.30	3257.79		
PTX06-1146	Perched	6/14/2021	278.70	3257.39		
PTX06-1146	Perched	8/24/2021	278.70	3257.39		
PTX06-1146	Perched	12/13/2021	278.80	3257.29		
PTX06-1147	Perched	5/3/2021	286.40	3243.35		
PTX06-1147	Perched	6/14/2021	286.80	3242.95		
PTX06-1147	Perched	10/27/2021	286.80	3242.95		
PTX06-1147	Perched	12/14/2021	286.60	3243.15		
PTX06-1148	Perched	4/26/2021	254.80	3271.32		
PTX06-1148	Perched	6/21/2021	254.96	3271.16		
PTX06-1148	Perched	11/8/2021	254.81	3271.31		
PTX06-1148	Perched	12/14/2021	254.85	3271.27		
PTX06-1149	Perched	4/26/2021	259.33	3272.12		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1149	Perched	6/21/2021	259.60	3271.85		
PTX06-1149	Perched	11/8/2021	259.03	3272.42		
PTX06-1149	Perched	12/14/2021	259.25	3272.20		
PTX06-1150	Perched	4/26/2021	261.48	3272.51		
PTX06-1150	Perched	6/21/2021	261.72	3272.27		
PTX06-1150	Perched	11/8/2021	261.30	3272.69		
PTX06-1150	Perched	12/14/2021	261.40	3272.59		
PTX06-1151	Perched	2/10/2021	273.30	3273.38		
PTX06-1151	Perched	6/15/2021	273.40	3273.28		
PTX06-1151	Perched	8/10/2021	273.00	3273.68		
PTX06-1151	Perched	12/16/2021	272.90	3273.78		
PTX06-1153	Perched	5/26/2021	280.60	3248.69		
PTX06-1153	Perched	6/15/2021	280.60	3248.69		
PTX06-1153	Perched	8/3/2021	280.54	3248.75		
PTX06-1153	Perched	12/14/2021	280.60	3248.69		
PTX06-1154	Perched	5/26/2021	279.00	3249.14		
PTX06-1154	Perched	6/15/2021	279.03	3249.11		
PTX06-1154	Perched	8/3/2021	279.02	3249.12		
PTX06-1154	Perched	12/14/2021	279.10	3249.04		
PTX06-1155	Perched	3/30/2021	269.06	3272.86		
PTX06-1155	Perched	6/21/2021	269.26	3272.66		
PTX06-1155	Perched	11/10/2021	268.55	3273.37		
PTX06-1155	Perched	12/13/2021	268.80	3273.12		
PTX06-1156	Perched	3/30/2021	257.05	3272.37		
PTX06-1156	Perched	6/21/2021	257.16	3272.26		
PTX06-1156	Perched	11/10/2021	256.50	3272.92		
PTX06-1156	Perched	12/13/2021	256.84	3272.58		
PTX06-1158	Perched	6/11/2021	285.00	3235.21		
PTX06-1158	Perched	12/14/2021	285.10	3235.11		
PTX06-1159	Perched	2/9/2021	269.60	3272.27		
PTX06-1159	Perched	6/14/2021	269.60	3272.27		
PTX06-1159	Perched	8/11/2021	269.50	3272.37		
PTX06-1159	Perched	12/14/2021	269.40	3272.47		
PTX06-1160	Perched	2/9/2021	273.10	3273.49		
PTX06-1160	Perched	6/14/2021	273.10	3273.49		
PTX06-1160	Perched	8/11/2021	272.80	3273.79		
PTX06-1160	Perched	12/14/2021	272.90	3273.69		
PTX06-1164	Perched	3/24/2021	272.30	3273.08		
PTX06-1164	Perched	6/22/2021	272.48	3272.90		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1164	Perched	11/17/2021	272.33	3273.05		
PTX06-1164	Perched	12/13/2021	272.20	3273.18		
PTX06-1166	Perched	6/14/2021	281.80	3251.66		
PTX06-1166	Perched	7/21/2021	281.80	3251.66		
PTX06-1166	Perched	12/16/2021	282.00	3251.46		
PTX06-1167	Perched	6/14/2021				
PTX06-1167	Perched	12/16/2021				
PTX06-1168	Perched	6/14/2021	278.50	3255.19		
PTX06-1168	Perched	12/14/2021	279.00	3254.69		
PTX06-1169	Perched	3/29/2021	267.08	3272.64		
PTX06-1169	Perched	6/21/2021	267.53	3272.19		
PTX06-1169	Perched	11/29/2021	267.00	3272.72		
PTX06-1169	Perched	12/13/2021	267.02	3272.70		
PTX06-1170	Perched	3/23/2021	270.00	3272.74		
PTX06-1170	Perched	6/21/2021	270.34	3272.40		
PTX06-1170	Perched	11/29/2021	269.81	3272.93		
PTX06-1170	Perched	12/13/2021	269.85	3272.89		
PTX06-1171	Perched	6/14/2021	271.60	3272.94		
PTX06-1171	Perched	8/18/2021	271.20	3273.34		
PTX06-1171	Perched	12/14/2021	271.20	3273.34		
PTX06-1173	Perched	4/5/2021	270.35	3272.62		
PTX06-1173	Perched	6/21/2021	270.80	3272.17		
PTX06-1173	Perched	11/16/2021	270.18	3272.79		
PTX06-1173	Perched	12/13/2021	270.37	3272.60		
PTX06-1174	Perched	4/5/2021	271.46	3272.83		
PTX06-1174	Perched	6/21/2021	271.87	3272.42		
PTX06-1174	Perched	11/16/2021	271.29	3273.00		
PTX06-1174	Perched	12/13/2021	271.48	3272.81		
PTX06-1175	Perched	4/5/2021	272.57	3272.72		
PTX06-1175	Perched	6/22/2021	272.79	3272.50		
PTX06-1175	Perched	11/16/2021	272.40	3272.89		
PTX06-1175	Perched	12/13/2021	272.57	3272.72		
PTX06-1176	Perched	3/23/2021	271.35	3272.80		
PTX06-1176	Perched	6/21/2021	271.72	3272.43		
PTX06-1176	Perched	11/29/2021	271.26	3272.89		
PTX06-1176	Perched	12/13/2021	271.30	3272.85		
PTX06-1177	Perched	3/24/2021	271.87	3272.87		
PTX06-1177	Perched	6/22/2021	271.99	3272.75		
PTX06-1177	Perched	11/17/2021	271.95	3272.79		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1177	Perched	12/13/2021	271.78	3272.96		
PTX06-1180	Perched	2/10/2021	273.90	3273.47		
PTX06-1180	Perched	6/15/2021	274.00	3273.37		
PTX06-1180	Perched	8/10/2021	273.80	3273.57		
PTX06-1180	Perched	12/16/2021	273.50	3273.87		
PTX06-1181	Perched	2/10/2021	273.80	3273.61		
PTX06-1181	Perched	6/15/2021	273.80	3273.61		
PTX06-1181	Perched	8/10/2021	273.70	3273.71		
PTX06-1181	Perched	12/16/2021	273.40	3274.01		
PTX06-1182	Perched	1/13/2021	277.10	3240.22		
PTX06-1182	Perched	1/13/2021	277.10	3240.22		
PTX06-1182	Perched	5/5/2021	277.20	3240.12		
PTX06-1182	Perched	6/11/2021	277.20	3240.12		
PTX06-1182	Perched	11/1/2021	277.40	3239.92		
PTX06-1182	Perched	12/14/2021	277.40	3239.92		
PTX06-1183	Perched	4/26/2021	280.00	3254.32		
PTX06-1183	Perched	6/14/2021	280.20	3254.12		
PTX06-1183	Perched	11/2/2021	280.30	3254.02		
PTX06-1183	Perched	12/16/2021	280.40	3253.92		
PTX06-1184	Perched	6/11/2021	274.10	3242.07		
PTX06-1184	Perched	12/14/2021	274.20	3241.97		
PTX06-1185	Perched	5/5/2021	279.30	3238.07		
PTX06-1185	Perched	6/11/2021	279.40	3237.97		
PTX06-1185	Perched	11/1/2021	279.50	3237.87		
PTX06-1185	Perched	12/14/2021	279.40	3237.97		
PTX06-1188	Perched	6/14/2021				
PTX06-1188	Perched	12/16/2021				
PTX06-1189	Perched	6/14/2021				
PTX06-1189	Perched	12/16/2021				
PTX06-1190	Perched	1/13/2021	281.70	3236.89		
PTX06-1190	Perched	1/13/2021	281.70	3236.89		
PTX06-1190	Perched	5/5/2021	281.70	3236.89		
PTX06-1190	Perched	6/11/2021	281.60	3236.99		
PTX06-1190	Perched	10/27/2021	281.90	3236.69		
PTX06-1190	Perched	12/14/2021	281.60	3236.99		
PTX06-1191	Perched	3/31/2021	281.25	3233.83		
PTX06-1191	Perched	6/14/2021	281.00	3234.08		
PTX06-1191	Perched	8/16/2021	281.01	3234.07		
PTX06-1191	Perched	12/13/2021	280.84	3234.24		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1192	Perched	2/3/2021	280.80	3231.52		
PTX06-1192	Perched	6/11/2021	280.80	3231.52		
PTX06-1192	Perched	8/16/2021	280.80	3231.52		
PTX06-1192	Perched	12/14/2021	280.00	3232.32		
PTX06-1193	Perched	6/11/2021				
PTX06-1193	Perched	12/14/2021				
PTX06-1194	Perched	3/31/2021	279.36	3235.39		
PTX06-1194	Perched	6/14/2021	279.10	3235.65		
PTX06-1194	Perched	8/16/2021	279.10	3235.65		
PTX06-1194	Perched	12/13/2021	279.00	3235.75		
PTX06-1195	Perched	6/11/2021	283.70	3235.18		
PTX06-1195	Perched	10/26/2021	283.70	3235.18		
PTX06-1195	Perched	12/14/2021	283.60	3235.28		
PTX06-1196	Perched	3/31/2021	282.01	3232.94		
PTX06-1196	Perched	6/14/2021	281.70	3233.25		
PTX06-1196	Perched	8/16/2021	281.70	3233.25		
PTX06-1196	Perched	12/13/2021	281.60	3233.35		
PTX06-1197	Perched	2/3/2021	281.30	3231.77		
PTX06-1197	Perched	6/11/2021	281.40	3231.67		
PTX06-1197	Perched	8/16/2021	281.40	3231.67		
PTX06-1197	Perched	12/14/2021	281.30	3231.77		
PTX06-1198	Perched	6/14/2021	298.80	3231.85		
PTX06-1198	Perched	12/14/2021	295.80	3234.85		
PTX06-1199	Perched	2/3/2021	282.50	3231.40		
PTX06-1199	Perched	6/11/2021	282.60	3231.30		
PTX06-1199	Perched	8/16/2021	282.80	3231.10		
PTX06-1199	Perched	12/14/2021	282.60	3231.30		
PTX06-1200	Perched	2/4/2021	282.70	3227.54		
PTX06-1200	Perched	6/11/2021	282.60	3227.64		
PTX06-1200	Perched	8/23/2021	282.60	3227.64		
PTX06-1200	Perched	12/14/2021	282.60	3227.64		
PTX06-1201	Perched	2/4/2021	283.00	3228.02		
PTX06-1201	Perched	6/11/2021	282.80	3228.22		
PTX06-1201	Perched	8/23/2021	282.80	3228.22		
PTX06-1201	Perched	12/14/2021	282.70	3228.32		
PTX06-1202	Perched	3/2/2021	283.60	3229.51		
PTX06-1202	Perched	6/11/2021	283.50	3229.61		
PTX06-1202	Perched	8/16/2021	283.50	3229.61		
PTX06-1202	Perched	12/14/2021	283.30	3229.81		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-1203	Perched	3/2/2021	283.20	3228.85		
PTX06-1203	Perched	6/11/2021	283.20	3228.85		
PTX06-1203	Perched	8/23/2021	283.20	3228.85		
PTX06-1203	Perched	12/14/2021	283.10	3228.95		
PTX06-1204	Perched	2/4/2021	282.20	3227.72		
PTX06-1204	Perched	6/11/2021	282.10	3227.82		
PTX06-1204	Perched	8/23/2021	282.00	3227.92		
PTX06-1204	Perched	12/14/2021	282.00	3227.92		
PTX06-1205	Perched	6/11/2021	282.00	3230.45		
PTX06-1205	Perched	12/14/2021	281.80	3230.65		
PTX06-1206	Perched	6/14/2021	279.50	3250.99		
PTX06-1206	Perched	12/16/2021	279.60	3250.89		
PTX06-1207	Perched	4/26/2021	255.00	3271.19		
PTX06-1207	Perched	6/14/2021	255.10	3271.09		
PTX06-1207	Perched	11/2/2021	255.20	3270.99		
PTX06-1207	Perched	12/16/2021	255.20	3270.99		
PTX06-1208	Perched	3/2/2021	283.00	3227.11		
PTX06-1208	Perched	6/11/2021	283.00	3227.11		
PTX06-1208	Perched	8/23/2021	283.00	3227.11		
PTX06-1208	Perched	12/14/2021	283.00	3227.11		
PTX06-1209	Perched	10/19/2021	263.60	3273.61		
PTX06-1210	Perched	10/19/2021	260.32	3273.99		
PTX06-1211	Perched	10/20/2021	265.90	3273.37		
PTX06-1213	Perched	11/15/2021	277.81	3238.58		
PTX06-1214	Perched	11/15/2021	280.75	3236.12		
PTX06-ISB010	Perched	6/17/2021	283.20	3248.04		
PTX06-ISB010	Perched	12/14/2021	283.40	3247.84		
PTX06-ISB011	Perched	6/17/2021	283.10	3247.61		
PTX06-ISB011	Perched	12/14/2021	284.38	3246.33		
PTX06-ISB012	Perched	6/17/2021	283.00	3248.19		
PTX06-ISB012	Perched	12/14/2021	282.20	3248.99		
PTX06-ISB013	Perched	6/17/2021	284.80	3245.76		
PTX06-ISB013	Perched	12/13/2021	285.04	3245.52		
PTX06-ISB014	Perched	6/17/2021	287.20	3243.35		
PTX06-ISB014	Perched	12/13/2021	283.22	3247.33		
PTX06-ISB015	Perched	6/17/2021	284.50	3245.70		
PTX06-ISB015	Perched	12/13/2021	282.60	3247.60		
PTX06-ISB016	Perched	6/17/2021	281.60	3248.32		
PTX06-ISB016	Perched	12/13/2021	281.45	3248.47		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB017	Perched	6/17/2021	280.50	3249.36		
PTX06-ISB017	Perched	12/14/2021	283.30	3246.56		
PTX06-ISB018	Perched	6/17/2021	285.20	3244.29		
PTX06-ISB018	Perched	12/14/2021	285.05	3244.44		
PTX06-ISB019	Perched	6/17/2021	289.20	3240.47		
PTX06-ISB019	Perched	12/14/2021	281.27	3248.40		
PTX06-ISB020	Perched	6/17/2021	281.60	3246.95		
PTX06-ISB020	Perched	12/14/2021	279.26	3249.29		
PTX06-ISB021	Perched	4/29/2021	280.33	3248.93		
PTX06-ISB021	Perched	6/17/2021	280.60	3248.66		
PTX06-ISB021	Perched	8/4/2021	280.90	3248.36		
PTX06-ISB021	Perched	12/14/2021	280.23	3249.03		
PTX06-ISB022	Perched	6/17/2021	279.40	3249.50		
PTX06-ISB022	Perched	12/14/2021	279.50	3249.40		
PTX06-ISB023A	Perched	6/17/2021	287.70	3241.57		
PTX06-ISB023A	Perched	12/14/2021	287.05	3242.22		
PTX06-ISB024	Perched	6/17/2021				
PTX06-ISB024	Perched	12/14/2021				
PTX06-ISB025	Perched	6/17/2021	285.40	3243.59		
PTX06-ISB025	Perched	12/14/2021	285.27	3243.72		
PTX06-ISB026	Perched	6/17/2021	283.70	3245.17		
PTX06-ISB026	Perched	12/14/2021	283.74	3245.13		
PTX06-ISB027	Perched	6/17/2021	281.20	3247.38		
PTX06-ISB027	Perched	12/14/2021	281.23	3247.35		
PTX06-ISB028	Perched	6/17/2021				
PTX06-ISB028	Perched	12/14/2021				
PTX06-ISB029A	Perched	6/15/2021	288.96	3241.76		
PTX06-ISB029A	Perched	12/14/2021	286.83	3243.89		
PTX06-ISB030B	Perched	4/29/2021	283.03	3247.75		
PTX06-ISB030B	Perched	6/15/2021	282.90	3247.88		
PTX06-ISB030B	Perched	8/4/2021	282.64	3248.14		
PTX06-ISB030B	Perched	12/14/2021	282.77	3248.01		
PTX06-ISB031	Perched	6/15/2021	282.70	3247.04		
PTX06-ISB031	Perched	12/14/2021	282.75	3246.99		
PTX06-ISB032	Perched	6/15/2021				
PTX06-ISB032	Perched	12/14/2021	281.40	3248.88		
PTX06-ISB033	Perched	6/15/2021	283.50	3246.40		
PTX06-ISB033	Perched	12/14/2021	282.39	3247.51		
PTX06-ISB034	Perched	6/15/2021	290.20	3239.40		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB034	Perched	12/14/2021	285.41	3244.19		
PTX06-ISB035	Perched	6/15/2021	283.70	3245.49		
PTX06-ISB035	Perched	12/14/2021	282.00	3247.19		
PTX06-ISB036	Perched	6/15/2021	279.70	3248.99		
PTX06-ISB036	Perched	12/14/2021	279.72	3248.97		
PTX06-ISB037	Perched	6/15/2021	281.50	3247.15		
PTX06-ISB037	Perched	12/14/2021	281.40	3247.25		
PTX06-ISB038	Perched	5/13/2021	279.37	3249.46		
PTX06-ISB038	Perched	6/15/2021	279.60	3249.23		
PTX06-ISB038	Perched	8/9/2021	279.70	3249.13		
PTX06-ISB038	Perched	12/14/2021	279.51	3249.32		
PTX06-ISB039	Perched	7/14/2021	279.86	3249.03		
PTX06-ISB039	Perched	12/14/2021	279.90	3248.99		
PTX06-ISB040	Perched	6/16/2021	279.40	3249.19		
PTX06-ISB040	Perched	12/14/2021	279.53	3249.06		
PTX06-ISB041	Perched	6/16/2021	279.90	3248.76		
PTX06-ISB041	Perched	12/14/2021	279.70	3248.96		
PTX06-ISB042	Perched	5/13/2021	285.32	3243.49		
PTX06-ISB042	Perched	6/16/2021	285.30	3243.51		
PTX06-ISB042	Perched	8/9/2021	285.37	3243.44		
PTX06-ISB042	Perched	12/14/2021	285.37	3243.44		
PTX06-ISB043	Perched	6/16/2021	285.10	3243.63		
PTX06-ISB043	Perched	12/14/2021	285.10	3243.63		
PTX06-ISB044A	Perched	6/16/2021	280.20	3248.99		
PTX06-ISB044A	Perched	12/14/2021	279.92	3249.27		
PTX06-ISB045	Perched	6/16/2021	280.70	3247.72		
PTX06-ISB045	Perched	12/14/2021	276.15	3252.27		
PTX06-ISB046	Perched	5/13/2021	280.31	3248.17		
PTX06-ISB046	Perched	7/14/2021	280.52	3247.96		
PTX06-ISB046	Perched	8/9/2021	280.35	3248.13		
PTX06-ISB046	Perched	12/14/2021	279.93	3248.55		
PTX06-ISB047	Perched	6/16/2021	280.70	3247.70		
PTX06-ISB047	Perched	12/14/2021	279.38	3249.02		
PTX06-ISB048	Perched	5/13/2021	279.98	3248.55		
PTX06-ISB048	Perched	6/16/2021	279.60	3248.93		
PTX06-ISB048	Perched	8/10/2021	279.70	3248.83		
PTX06-ISB048	Perched	12/14/2021	279.87	3248.66		
PTX06-ISB049	Perched	6/21/2021	286.59	3242.06		
PTX06-ISB049	Perched	12/14/2021	286.62	3242.03		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB050	Perched	6/16/2021	287.90	3240.48		
PTX06-ISB050	Perched	12/14/2021	287.92	3240.46		
PTX06-ISB051	Perched	6/16/2021				
PTX06-ISB051	Perched	12/14/2021				
PTX06-ISB055	Perched	4/27/2021	261.05	3272.97		
PTX06-ISB055	Perched	6/22/2021	261.64	3272.38		
PTX06-ISB059	Perched	4/27/2021	261.00	3272.67		
PTX06-ISB059	Perched	6/22/2021	261.55	3272.12		
PTX06-ISB064	Perched	4/21/2021	262.86	3272.85		
PTX06-ISB064	Perched	6/22/2021	263.10	3272.61		
PTX06-ISB064	Perched	12/7/2021	262.38	3273.33		
PTX06-ISB064	Perched	12/7/2021	262.38	3273.33		
PTX06-ISB068	Perched	4/21/2021	264.80	3272.95		
PTX06-ISB068	Perched	6/22/2021	265.07	3272.68		
PTX06-ISB068	Perched	12/7/2021	264.38	3273.37		
PTX06-ISB068	Perched	12/7/2021	264.38	3273.37		
PTX06-ISB073	Perched	4/27/2021	269.25	3273.37		
PTX06-ISB073	Perched	6/22/2021	269.40	3273.22		
PTX06-ISB073	Perched	12/8/2021	268.94	3273.68		
PTX06-ISB073	Perched	12/8/2021	268.94	3273.68		
PTX06-ISB075	Perched	3/23/2021	268.93	3273.21		
PTX06-ISB075	Perched	6/21/2021	269.27	3272.87		
PTX06-ISB075	Perched	12/6/2021	269.11	3273.03		
PTX06-ISB075	Perched	12/14/2021	268.83	3273.31		
PTX06-ISB079	Perched	3/29/2021	259.47	3272.16		
PTX06-ISB079	Perched	6/21/2021	260.00	3271.63		
PTX06-ISB079	Perched	12/6/2021	260.03	3271.60		
PTX06-ISB079	Perched	12/14/2021	259.75	3271.88		
PTX06-ISB082	Perched	3/29/2021	258.22	3272.18		
PTX06-ISB082	Perched	6/21/2021	258.71	3271.69		
PTX06-ISB082	Perched	12/6/2021	258.69	3271.71		
PTX06-ISB082	Perched	12/14/2021	258.42	3271.98		
PTX06-ISB133	Perched	4/20/2021	273.17	3273.37		
PTX06-ISB133	Perched	12/8/2021	273.06	3273.48		
PTX06-ISB133	Perched	12/8/2021	273.06	3273.48		
PTX06-ISB135	Perched	4/13/2021	273.85	3273.23		
PTX06-ISB135	Perched	6/22/2021	273.84	3273.24		
PTX06-ISB135	Perched	12/13/2021	273.55	3273.53		
PTX06-ISB135	Perched	12/13/2021	273.55	3273.53		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB137	Perched	4/20/2021	273.72	3273.60		
PTX06-ISB137	Perched	6/22/2021	274.04	3273.28		
PTX06-ISB137	Perched	12/13/2021	273.88	3273.44		
PTX06-ISB137	Perched	12/13/2021	273.88	3273.44		
PTX06-ISB302	Perched	2/24/2021	277.00	3239.31		
PTX06-ISB302	Perched	6/14/2021	277.10	3239.21		
PTX06-ISB302	Perched	8/24/2021	277.14	3239.17		
PTX06-ISB302	Perched	12/13/2021	277.09	3239.22		
PTX06-ISB305	Perched	6/14/2021	278.10	3238.65		
PTX06-ISB305	Perched	12/13/2021	278.00	3238.75		
PTX06-ISB307	Perched	2/24/2021	278.35	3238.33		
PTX06-ISB307	Perched	6/14/2021	278.20	3238.48		
PTX06-ISB307	Perched	8/24/2021	278.24	3238.44		
PTX06-ISB307	Perched	12/13/2021	278.16	3238.52		
PTX06-ISB312	Perched	6/14/2021	279.90	3236.91		
PTX06-ISB312	Perched	12/13/2021	279.77	3237.04		
PTX06-ISB317	Perched	3/4/2021	281.60	3235.70		
PTX06-ISB317	Perched	6/14/2021	281.40	3235.90		
PTX06-ISB317	Perched	8/30/2021	281.44	3235.86		
PTX06-ISB317	Perched	12/13/2021	281.01	3236.29		
PTX06-ISB321	Perched	3/4/2021	281.83	3235.31		
PTX06-ISB321	Perched	6/14/2021	281.70	3235.44		
PTX06-ISB321	Perched	8/30/2021	281.77	3235.37		
PTX06-ISB321	Perched	12/13/2021	281.56	3235.58		
PTX06-ISB324	Perched	6/14/2021	282.30	3234.98		
PTX06-ISB324	Perched	12/13/2021	282.03	3235.25		
PTX06-ISB325	Perched	3/3/2021	282.73	3234.47		
PTX06-ISB325	Perched	6/14/2021	282.50	3234.70		
PTX06-ISB325	Perched	8/25/2021	282.40	3234.80		
PTX06-ISB325	Perched	12/13/2021	281.91	3235.29		
PTX06-ISB329	Perched	3/3/2021	282.70	3235.17		
PTX06-ISB329	Perched	6/14/2021	282.70	3235.17		
PTX06-ISB329	Perched	8/25/2021	282.68	3235.19		
PTX06-ISB329	Perched	12/13/2021	282.52	3235.35		
PTX06-ISB331	Perched	11/15/2021	282.75	3235.42		
PTX06-ISB401	Perched	3/2/2021	282.30	3227.96		
PTX06-ISB401	Perched	6/14/2021	281.10	3229.16		
PTX06-ISB401	Perched	12/13/2021	282.00	3228.26		
PTX06-ISB402	Perched	2/9/2021	282.40	3228.08		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-ISB404	Perched	6/14/2021	282.31	3228.10		
PTX06-ISB404	Perched	12/13/2021	282.36	3228.05		
PTX06-ISB406	Perched	2/9/2021	282.50	3228.00		
PTX06-ISB407	Perched	1/13/2021	282.21	3228.22		
PTX06-ISB407	Perched	6/14/2021	282.40	3228.03		
PTX06-ISB407	Perched	12/13/2021	282.44	3227.99		
PTX06-ISB409	Perched	2/9/2021	282.80	3228.01		
PTX06-ISB410	Perched	3/2/2021	282.80	3228.09		
PTX06-ISB410	Perched	6/14/2021	282.80	3228.09		
PTX06-ISB410	Perched	12/13/2021	282.72	3228.17		
PTX06-ISB412	Perched	2/9/2021	280.90	3232.88		
PTX06-ISB412	Perched	6/14/2021	280.80	3232.98		
PTX06-ISB412	Perched	12/13/2021	280.70	3233.08		
PTX06-ISB414	Perched	2/9/2021	281.05	3232.79		
PTX06-ISB414	Perched	6/14/2021	281.00	3232.84		
PTX06-ISB414	Perched	12/13/2021	280.83	3233.01		
PTX06-ISB416	Perched	2/9/2021	281.50	3232.79		
PTX06-ISB416	Perched	6/14/2021	281.50	3232.79		
PTX06-ISB416	Perched	12/13/2021	281.44	3232.85		
PTX06-ISB417	Perched	10/25/2021	280.50	3234.00		
PTX06-ISB418	Perched	10/25/2021	280.50	3233.57		
PTX06-ISB419	Perched	10/25/2021	280.50	3233.23		
PTX06-MEW401	Perched	7/22/2021	281.10	3233.90		
PTX06-MEW401	Perched	7/27/2021	281.15	3233.85		
PTX06-MEW401	Perched	10/27/2021	281.26	3233.74		
PTX06-MEW402	Perched	7/22/2021	281.33	3233.66		
PTX06-MEW402	Perched	7/27/2021	281.35	3233.64		
PTX06-MEW402	Perched	10/27/2021	281.50	3233.49		
PTX06-MEW403	Perched	7/22/2021	281.34	3233.46		
PTX06-MEW403	Perched	7/27/2021	281.34	3233.46		
PTX06-MEW403	Perched	10/27/2021	281.50	3233.30		
PTX06-MEW404	Perched	11/30/2021	280.97	3233.76		
PTX06-MEW405	Perched	11/30/2021	280.90	3233.57		
PTX06-PRB09	Perched	6/24/2021	283.33	3248.45		
PTX06-PRB09	Perched	12/14/2021	282.47	3249.31		
PTX06-PZ01	Perched	6/11/2021	260.20	3281.83		
PTX06-PZ01	Perched	12/13/2021	259.80	3282.23		
PTX06-PZ02	Perched	6/11/2021	260.00	3282.19		
PTX06-PZ02	Perched	12/13/2021	259.70	3282.49		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX06-PZ03	Perched	1/8/2021	259.90	3282.40		
PTX06-PZ03	Perched	6/11/2021	259.30	3283.00		
PTX06-PZ03	Perched	12/13/2021	258.80	3283.50		
PTX06-PZ05	Perched	6/14/2021	267.60	3274.07		
PTX06-PZ05	Perched	12/14/2021	268.00	3273.67		
PTX06-PZ06	Perched	6/14/2021	279.10	3257.92		
PTX06-PZ06	Perched	12/14/2021	279.20	3257.82		
PTX06-REC401A	Perched	3/2/2021	281.72	3228.11		
PTX06-REC402	Perched	3/2/2021	281.60	3227.92		
PTX06-REC403	Perched	3/2/2021	281.57	3227.91		
PTX06-REC404	Perched	3/2/2021	282.50	3227.21		
PTX07-1O01	Perched	6/11/2021	254.70	3297.75		
PTX07-1O01	Perched	12/13/2021	254.30	3298.15		
PTX07-1O02	Perched	6/11/2021	251.70	3299.63		
PTX07-1O02	Perched	11/8/2021	251.40	3299.93		
PTX07-1O02	Perched	12/13/2021	251.30	3300.03		
PTX07-1O03	Perched	6/11/2021	249.90	3300.61		
PTX07-1O03	Perched	8/24/2021	249.80	3300.71		
PTX07-1O03	Perched	12/13/2021	249.60	3300.91		
PTX07-1O04	Perched	7/13/2021	255.60	3296.91		
PTX07-1O04	Perched	12/13/2021	255.20	3297.31		
PTX07-1O05	Perched	6/11/2021	257.20	3295.10		
PTX07-1O05	Perched	12/13/2021	256.50	3295.80		
PTX07-1P01	Perched	6/11/2021	247.50	3296.35		
PTX07-1P01	Perched	12/14/2021	247.20	3296.65		
PTX07-1P02	Perched	6/11/2021	235.50	3299.39		
PTX07-1P02	Perched	11/8/2021	235.00	3299.89		
PTX07-1P02	Perched	12/14/2021	234.90	3299.99		
PTX07-1P03	Perched	6/15/2021	254.80	3292.00		
PTX07-1P03	Perched	12/16/2021	254.10	3292.70		
PTX07-1P04	Perched	6/11/2021				
PTX07-1P04	Perched	12/14/2021				
PTX07-1P05	Perched	6/11/2021	247.50	3297.82		
PTX07-1P05	Perched	12/14/2021	247.20	3298.12		
PTX07-1P06	Perched	6/11/2021	255.70	3289.80		
PTX07-1Q01	Perched	6/14/2021	276.50	3271.05		
PTX07-1Q01	Perched	7/27/2021	276.40	3271.15		
PTX07-1Q01	Perched	12/14/2021	276.40	3271.15		
PTX07-1Q02	Perched	6/14/2021	280.90	3271.17		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX07-1Q02	Perched	7/27/2021	280.90	3271.17		
PTX07-1Q02	Perched	12/14/2021	280.80	3271.27		
PTX07-1R03	Perched	6/16/2021	254.00	3319.50		
PTX07-1R03	Perched	8/10/2021	254.10	3319.40		
PTX07-1R03	Perched	12/20/2021	254.10	3319.40		
PTX08-1001	Perched	5/10/2021	218.70	3300.16		
PTX08-1001	Perched	6/11/2021	218.50	3300.36		
PTX08-1001	Perched	12/13/2021	217.60	3301.26		
PTX08-1002	Perched	6/11/2021	218.80	3298.21		
PTX08-1002	Perched	11/8/2021	217.60	3299.41		
PTX08-1002	Perched	12/13/2021	218.10	3298.91		
PTX08-1003	Perched	3/3/2021	276.50	3276.99		
PTX08-1003	Perched	3/3/2021	276.50	3276.99		
PTX08-1003	Perched	6/15/2021	276.60	3276.89		
PTX08-1003	Perched	12/16/2021	276.60	3276.89		
PTX08-1005	Perched	3/3/2021	273.20	3273.53		
PTX08-1005	Perched	6/15/2021	273.40	3273.33		
PTX08-1005	Perched	12/16/2021	273.10	3273.63		
PTX08-1006	Perched	3/3/2021	272.10	3273.66		
PTX08-1006	Perched	3/3/2021	272.10	3273.66		
PTX08-1006	Perched	6/15/2021	272.30	3273.46		
PTX08-1006	Perched	8/10/2021	272.30	3273.46		
PTX08-1006	Perched	12/16/2021	272.40	3273.36		
PTX08-1007	Perched	5/12/2021	271.90	3276.91		
PTX08-1007	Perched	6/15/2021	271.80	3277.01		
PTX08-1007	Perched	12/16/2021	271.90	3276.91		
PTX08-1008	Perched	5/11/2021	269.00	3269.47		
PTX08-1008	Perched	6/14/2021	269.00	3269.47		
PTX08-1008	Perched	11/10/2021	268.90	3269.57		
PTX08-1008	Perched	12/14/2021	269.00	3269.47		
PTX08-1009	Perched	1/8/2021	274.40	3264.80		
PTX08-1009	Perched	3/1/2021	274.60	3264.60		
PTX08-1009	Perched	3/1/2021	274.60	3264.60		
PTX08-1009	Perched	6/14/2021	274.70	3264.50		
PTX08-1009	Perched	12/14/2021	275.00	3264.20		
PTX08-1010	Perched	6/11/2021	216.50	3308.22		
PTX08-1010	Perched	7/21/2021	216.60	3308.12		
PTX08-1010	Perched	12/13/2021	216.50	3308.22		
PTX10-1008	Perched	6/16/2021	266.40	3277.68		

Location	Aquifer	Sample Date	Depth to Water ft btoc	GW Elevation ft amsl	Total Well Depth ft btoc	Total Depth Elevation ft amsl
PTX10-1008	Perched	12/16/2021	266.70	3277.38		
PTX10-1014	Perched	6/15/2021	258.20	3285.99		
PTX10-1014	Perched	8/18/2021	257.90	3286.29		
PTX10-1014	Perched	12/16/2021	257.70	3286.49		

btoc – below top of casing amsl – above mean sea level

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Appendix D

Data Evaluation Table and Electronic Data

Table D-1. Monitoring Well Data Exceeding GWPS

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
1114-MW4		8/24/2021	Perchlorate	53.4	10		J	0.24	26
1114-MW4		8/24/2021	Trichloroethene	17.7	1		J	0.24	5
OW-WR-38		5/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	52.3	6.49	*	J	0	2
OW-WR-38		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	46.5	2.67			0.1	2
OW-WR-38		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	47	2.2			0.1	2
OW-WR-38		1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.31	0.267			0.1	2
OW-WR-38		5/10/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.01	0.26			0	2
PTX06-1002A		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	29	6.6		J	0	2
PTX06-1002A		2/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.24	0.253		J	0	2
PTX06-1002A		2/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.1	1.3		J	0	2
PTX06-1002A		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	25.7	2.53			0	2
PTX06-1005		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.2	1.3		J	0.23	2
PTX06-1005		2/24/2021	1,3,5-Trinitrobenzene	400	67		J-	0.23	220
PTX06-1005		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.54	0.253			0.23	2
PTX06-1005		2/24/2021	Trichloroethene	22.4	1			0.23	5
PTX06-1005		8/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.2	1.29			0.89	2
PTX06-1005		8/4/2021	1,3,5-Trinitrobenzene	403	12.9			0.89	220
PTX06-1005		8/4/2021	Trichloroethene	18.2	1			0.89	5
PTX06-1006		11/9/2021	Perchlorate	126	50		J	0.09	26
PTX06-1006		11/9/2021	4-Amino-2,6-Dinitrotoluene	2.36	0.258			0.09	1.2
PTX06-1007		11/9/2021	Perchlorate	108	50		J	2.38	26
PTX06-1007		11/9/2021	4-Amino-2,6-Dinitrotoluene	11.3	0.658			2.38	1.2
PTX06-1007		11/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	25.8	0.658			2.38	2
PTX06-1008		5/4/2021	1,2-Dichloroethane	71.1	1			2.32	5
PTX06-1010		5/12/2021	Chromium, Total	1380	100	D		7.03	100
PTX06-1010		5/12/2021	Chromium, Hexavalent	1138.815	20	I		7.03	100
PTX06-1011		5/12/2021	Trichloroethene	7.27	1			1.44	5
PTX06-1012		11/10/2021	1,4-Dioxane	30.7	1	*	J-	1.34	7.7
PTX06-1012		3/30/2021	Arsenic	15	5			0.5	12
PTX06-1012		3/30/2021	1,4-Dioxane	32	1.4			0.5	7.7

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1012		3/30/2021	Vinyl Chloride	50	1			0.5	2
PTX06-1012		11/10/2021	Vinyl Chloride	20.8	1			1.34	2
PTX06-1013		4/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.73	0.273		J	0.35	2
PTX06-1014		8/4/2021	2-Amino-4,6-Dinitrotoluene	1.35	0.26	*	J-	0.45	1.2
PTX06-1014		8/4/2021	4-Amino-2,6-Dinitrotoluene	2.51	0.26	*	J-	0.45	1.2
PTX06-1014		8/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	484	64.9			0.45	2
PTX06-1014		8/4/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24.2	1.3			0.45	2
PTX06-1031	Compliance	5/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	694	25.9		J	0.64	2
PTX06-1031	Compliance	5/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	25.7	6.47		J	0.64	2
PTX06-1031	Compliance	10/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	705	25.9		J	3.17	2
PTX06-1031	Compliance	10/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	34.7	0.259	*	J	3.17	2
PTX06-1031	Compliance	1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	620	22		J-	7.4	2
PTX06-1031	Compliance	1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	20	2.2		J-	7.4	2
PTX06-1031	Compliance	1/13/2021	4-Amino-2,6-Dinitrotoluene	2.94	0.267			7.4	1.2
PTX06-1031	Compliance	1/13/2021	4-Amino-2,6-Dinitrotoluene	5.5	2.2			7.4	1.2
PTX06-1031	Compliance	1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	666	26.7			7.4	2
PTX06-1031	Compliance	1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	37.2	2.67			7.4	2
PTX06-1031	Compliance	5/3/2021	4-Amino-2,6-Dinitrotoluene	3.1	0.259			0.64	1.2
PTX06-1031	Compliance	10/27/2021	4-Amino-2,6-Dinitrotoluene	2.43	0.259			3.17	1.2
PTX06-1034	Compliance	8/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1200	64.6	*	J	0	2
PTX06-1034	Compliance	8/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	51.7	2.58	*	J	0	2
PTX06-1034	Compliance	2/2/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	928	25.9		J+	0.3	2
PTX06-1034	Compliance	2/2/2021	4-Amino-2,6-Dinitrotoluene	5.47	0.259			0.3	1.2
PTX06-1034	Compliance	2/2/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	37.5	2.59			0.3	2
PTX06-1034	Compliance	8/24/2021	4-Amino-2,6-Dinitrotoluene	5.34	0.258			0	1.2
PTX06-1035		2/9/2021	Perchlorate	228	500	J	J	0	26
PTX06-1035		8/11/2021	Perchlorate	271	100			0.21	26
PTX06-1035		8/11/2021	Trichloroethene	8.49	1	H		0.21	5
PTX06-1037		5/26/2021	Arsenic	18	5	D	J	1.35	12
PTX06-1037		5/26/2021	Barium	2500	5	D		1.35	2000
PTX06-1037		8/3/2021	Arsenic	17	10	D		0.43	12
PTX06-1037		8/3/2021	Barium	2300	2	^ D		0.43	2000

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1038		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	77	2.2		J-	0.35	2
PTX06-1038		1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.8	2.2		J-	0.35	2
PTX06-1038		1/13/2021	2-Amino-4,6-Dinitrotoluene	2.52	0.269			0.35	1.2
PTX06-1038		1/13/2021	2-Amino-4,6-Dinitrotoluene	2.5	0.11			0.35	1.2
PTX06-1038		1/13/2021	4-Amino-2,6-Dinitrotoluene	4.23	0.269			0.35	1.2
PTX06-1038		1/13/2021	4-Amino-2,6-Dinitrotoluene	3.6	0.11			0.35	1.2
PTX06-1038		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	73.3	2.69			0.35	2
PTX06-1038		1/13/2021	TNT (2,4,6-Trinitrotoluene)	5.79	0.269			0.35	3.6
PTX06-1038		1/13/2021	TNT (2,4,6-Trinitrotoluene)	6.9	2.2			0.35	3.6
PTX06-1038		1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.88	0.269			0.35	2
PTX06-1038		2/8/2021	2-Amino-4,6-Dinitrotoluene	2.41	0.26			0	1.2
PTX06-1038		2/8/2021	4-Amino-2,6-Dinitrotoluene	3.9	0.26			0	1.2
PTX06-1038		2/8/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	76.6	3.26			0	2
PTX06-1038		2/8/2021	TNT (2,4,6-Trinitrotoluene)	5.66	0.26			0	3.6
PTX06-1038		2/8/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.55	0.26			0	2
PTX06-1039A		2/24/2021	2,6-Dinitrotoluene	1.2	0.27		J	5.44	1
PTX06-1039A		2/24/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.2	0.27		J	5.44	2
PTX06-1039A		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	560	270		J	5.44	2
PTX06-1039A		2/24/2021	TNT (2,4,6-Trinitrotoluene)	33.1	2.54		J	5.44	3.6
PTX06-1039A		2/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	55.8	2.54		J	5.44	2
PTX06-1039A		2/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	72	53		J	5.44	2
PTX06-1039A		2/24/2021	2-Amino-4,6-Dinitrotoluene	2.8	5.3	J	J-	5.44	1.2
PTX06-1039A		2/24/2021	4-Amino-2,6-Dinitrotoluene	17	5.3		J-	5.44	1.2
PTX06-1039A		2/24/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	7.6	5.3		J-	5.44	2
PTX06-1039A		2/24/2021	TNT (2,4,6-Trinitrotoluene)	29	5.3		J-	5.44	3.6
PTX06-1039A		2/24/2021	2-Amino-4,6-Dinitrotoluene	3.11	0.254			5.44	1.2
PTX06-1039A		2/24/2021	4-Amino-2,6-Dinitrotoluene	23	2.54			5.44	1.2
PTX06-1039A		2/24/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	13.3	2.54			5.44	2
PTX06-1039A		2/24/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.53	0.254			5.44	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1039A		2/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	547	25.4			5.44	2
PTX06-1040		5/4/2021	2,6-Dinitrotoluene	1.14	0.261		J	0	1
PTX06-1040		5/4/2021	2-Amino-4,6-Dinitrotoluene	3.02	0.261		J	0	1.2
PTX06-1040		5/4/2021	4-Amino-2,6-Dinitrotoluene	21.2	1.31		J	0	1.2
PTX06-1040		5/4/2021	TNT (2,4,6-Trinitrotoluene)	39.9	1.31		J	0	3.6
PTX06-1040		11/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	906	26		J	0.42	2
PTX06-1040		11/3/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	9.18	0.26		J+	0.42	2
PTX06-1040		5/4/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	6.21	0.261			0	2
PTX06-1040		5/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	781	26.1			0	2
PTX06-1040		5/4/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	48.7	1.31			0	2
PTX06-1040		11/3/2021	2-Amino-4,6-Dinitrotoluene	2.46	0.26			0.42	1.2
PTX06-1040		11/3/2021	4-Amino-2,6-Dinitrotoluene	21	2.6			0.42	1.2
PTX06-1040		11/3/2021	TNT (2,4,6-Trinitrotoluene)	38.1	2.6			0.42	3.6
PTX06-1040		11/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	67.1	2.6			0.42	2
PTX06-1041		5/4/2021	2,4-Dinitrotoluene	3.59	0.262		J	0	1
PTX06-1041		5/4/2021	2,6-Dinitrotoluene	1.29	0.262		J	0	1
PTX06-1041		5/4/2021	2-Amino-4,6-Dinitrotoluene	3.15	0.262		J	0	1.2
PTX06-1041		5/4/2021	4-Amino-2,6-Dinitrotoluene	15.7	6.54		J	0	1.2
PTX06-1041		11/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1680	62.9		J	0.43	2
PTX06-1041		5/4/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	19.3	6.54		J+	0	2
PTX06-1041		5/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1130	65.4			0	2
PTX06-1041		11/3/2021	2-Amino-4,6-Dinitrotoluene	1.74	0.252			0.43	1.2
PTX06-1041		11/3/2021	4-Amino-2,6-Dinitrotoluene	13.6	6.29			0.43	1.2
PTX06-1041		11/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.6	0.252			0.43	2
PTX06-1042	Compliance	5/4/2021	4-Amino-2,6-Dinitrotoluene	3.55	0.257		J	1.05	1.2
PTX06-1042	Compliance	5/4/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.38	0.257		J	1.05	2
PTX06-1042	Compliance	10/25/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.33	0.26		J	1.07	2
PTX06-1042	Compliance	10/25/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	315	13		J+	1.07	2
PTX06-1042	Compliance	5/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	351	25.7			1.05	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1042	Compliance	5/4/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.72	0.257			1.05	2
PTX06-1042	Compliance	10/25/2021	4-Amino-2,6-Dinitrotoluene	2.54	0.26			1.07	1.2
PTX06-1045	Compliance	5/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.08	0.263		J	0.73	2
PTX06-1046	Compliance	5/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	288	25.8		J	0	2
PTX06-1046	Compliance	5/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.12	0.258		J	0	2
PTX06-1046	Compliance	10/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	188	12.9		J	0.19	2
PTX06-1046	Compliance	10/26/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.56	0.258		J	0.19	2
PTX06-1046	Compliance	5/3/2021	4-Amino-2,6-Dinitrotoluene	1.84	0.258			0	1.2
PTX06-1047A		4/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	15.5	0.674		J	1.81	2
PTX06-1047A		10/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13.7	0.65		J	0.09	2
PTX06-1049		7/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.49	0.258	^	J	0	2
PTX06-1049		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5	0.11		J-	0	2
PTX06-1049		1/13/2021	4-Amino-2,6-Dinitrotoluene	2.5	0.11			0	1.2
PTX06-1049		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.34	0.269			0	2
PTX06-1050	Compliance	2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	421	25.8		J	0.4	2
PTX06-1050	Compliance	2/9/2021	4-Amino-2,6-Dinitrotoluene	3.65	0.258			0.4	1.2
PTX06-1050	Compliance	2/9/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.8	1.29			0.4	2
PTX06-1052	Compliance	3/1/2021	Chromium, Total	119	10			0.06	100
PTX06-1052	Compliance	3/1/2021	Chromium, Hexavalent	105.018	2	I		0.06	100
PTX06-1052	Compliance	8/18/2021	Trichloroethene	5.28	1			0	5
PTX06-1077A		7/28/2021	Trichloroethene	6.26	1	H	J-	3.4	5
PTX06-1083		7/20/2021	Selenium	51	5			0.01	50
PTX06-1088		5/12/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	49	6.48	^	J	0.43	2
PTX06-1088		5/12/2021	Trichloroethene	10.9	1			0.43	5
PTX06-1088		11/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13.9	1.29			0.95	2
PTX06-1095A		5/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.03	0.26		J	3.28	2
PTX06-1095A		5/10/2021	1,2-Dichloroethane	16.2	1		J	3.28	5
PTX06-1095A		11/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.26	0.258		J	7.72	2
PTX06-1095A		5/10/2021	Trichloroethene	7.39	1		J-	3.28	5
PTX06-1095A		11/3/2021	1,2-Dichloroethane	10.2	1			7.72	5
PTX06-1095A		11/3/2021	Trichloroethene	5.34	1			7.72	5
PTX06-1098		6/23/2021	Arsenic	45	5	D		5.84	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1100		6/23/2021	Arsenic	15	5	D		2.8	12
PTX06-1100		6/23/2021	Barium	3800	5	D		2.8	2000
PTX06-1101		6/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	44.7	1.32			2.27	2
PTX06-1120		10/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	794	25.5		J	62.9	2
PTX06-1120		10/26/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	62.4	25.5		J	62.9	2
PTX06-1120		10/26/2021	2-Amino-4,6-Dinitrotoluene	2.1	0.255	*	J-	62.9	1.2
PTX06-1120		10/26/2021	4-Amino-2,6-Dinitrotoluene	1.62	0.255			62.9	1.2
PTX06-1126	Compliance	11/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	15.2	0.644		J	3.21	2
PTX06-1126	Compliance	5/11/2021	Trichloroethene	105	2	H	J-	12.6	5
PTX06-1126	Compliance	5/11/2021	Tetrachloroethene	7.17	3			12.6	5
PTX06-1126	Compliance	6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13	0.639			9.48	2
PTX06-1126	Compliance	11/10/2021	Trichloroethene	87.5	1			3.21	5
PTX06-1127	Compliance	5/11/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	141	6.58	*^	J	8.06	2
PTX06-1127	Compliance	5/11/2021	Perchlorate	181	200	J	J	8.06	26
PTX06-1127	Compliance	11/10/2021	4-Amino-2,6-Dinitrotoluene	15.1	0.649		J	11.8	1.2
PTX06-1127	Compliance	11/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	146	6.49		J	11.8	2
PTX06-1127	Compliance	11/10/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.8	0.649	*	J	11.8	2
PTX06-1127	Compliance	5/11/2021	Trichloroethene	193	4	H	J-	8.06	5
PTX06-1127	Compliance	11/10/2021	Trichloroethene	190	4	H	J-	11.8	5
PTX06-1127	Compliance	5/11/2021	4-Amino-2,6-Dinitrotoluene	18.9	1.32			8.06	1.2
PTX06-1127	Compliance	5/11/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.2	1.32			8.06	2
PTX06-1127	Compliance	5/11/2021	Chromium, Total	322	10			8.06	100
PTX06-1127	Compliance	5/11/2021	1,4-Dioxane	16.8	5			8.06	7.7
PTX06-1127	Compliance	5/11/2021	Tetrachloroethene	6.62	2			8.06	5
PTX06-1127	Compliance	11/10/2021	Perchlorate	179	50			11.8	26
PTX06-1127	Compliance	11/10/2021	1,4-Dioxane	16.1	5			11.8	7.7
PTX06-1127	Compliance	11/10/2021	Tetrachloroethene	5.66	1			11.8	5
PTX06-1134		4/26/2021	Perchlorate	239	500	J	J	39.3	26
PTX06-1134		11/2/2021	Perchlorate	220	50		J	44.9	26
PTX06-1134		4/26/2021	4-Amino-2,6-Dinitrotoluene	1.65	0.262			39.3	1.2
PTX06-1134		4/26/2021	Trichloroethene	42.6	1			39.3	5
PTX06-1134		11/2/2021	Trichloroethene	19.7	1			44.9	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1146	Compliance	8/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2100	64.8		J	0.04	2
PTX06-1146	Compliance	8/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	23.4	1.3		J	0.04	2
PTX06-1146	Compliance	2/2/2021	2-Amino-4,6-Dinitrotoluene	1.34	0.26			0	1.2
PTX06-1146	Compliance	2/2/2021	4-Amino-2,6-Dinitrotoluene	19.5	2.6			0	1.2
PTX06-1146	Compliance	2/2/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1550	130			0	2
PTX06-1146	Compliance	2/2/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24	2.6			0	2
PTX06-1146	Compliance	8/24/2021	2-Amino-4,6-Dinitrotoluene	1.49	0.259			0.04	1.2
PTX06-1146	Compliance	8/24/2021	4-Amino-2,6-Dinitrotoluene	23.3	1.3			0.04	1.2
PTX06-1147		5/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	674	25.7		J	1.81	2
PTX06-1147		5/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	633	25.6		J		2
PTX06-1147		5/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	21.1	6.42		J	1.81	2
PTX06-1147		5/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24	6.4		J		2
PTX06-1147		10/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	668	25.7		J	0.17	2
PTX06-1147		10/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	33.7	0.257		J	0.17	2
PTX06-1147		5/3/2021	4-Amino-2,6-Dinitrotoluene	3.96	0.257			1.81	1.2
PTX06-1147		5/3/2021	4-Amino-2,6-Dinitrotoluene	4.27	0.256				1.2
PTX06-1147		10/27/2021	4-Amino-2,6-Dinitrotoluene	3.9	0.257			0.17	1.2
PTX06-1148		4/26/2021	Trichloroethene	5.9	2.5	F1 F2	J	1.66	5
PTX06-1148		11/8/2021	Perchlorate	68.8	100	J D *	J	5.65	26
PTX06-1148		11/8/2021	Perchlorate	65.5	100	J D *	J		26
PTX06-1148		4/26/2021	1,4-Dioxane	16	1.4			1.66	7.7
PTX06-1148		11/8/2021	1,4-Dioxane	19.9	1			5.65	7.7
PTX06-1148		11/8/2021	1,4-Dioxane	19.5	1				7.7
PTX06-1148		11/8/2021	Trichloroethene	9.71	2.5			5.65	5
PTX06-1148		11/8/2021	Trichloroethene	10.1	2.5				5
PTX06-1149		4/26/2021	Perchlorate	41	100	J D	J	0.32	26
PTX06-1149		4/26/2021	1,4-Dioxane	21	1.4		J	0.32	7.7
PTX06-1149		4/26/2021	Trichloroethene	20	2.5		J	0.32	5
PTX06-1149		11/8/2021	Perchlorate	95.7	100	J D *	J	3.42	26
PTX06-1149		11/8/2021	1,4-Dioxane	32.6	1			3.42	7.7
PTX06-1149		11/8/2021	Trichloroethene	53.2	2.5			3.42	5
PTX06-1150		4/26/2021	Trichloroethene	19	2.5		J	6.23	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1150		11/8/2021	Trichloroethene	20.7	2.5			1.85	5
PTX06-1151		2/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.68	0.26		J	0	2
PTX06-1151		2/10/2021	Perchlorate	31.9	20		J	0	26
PTX06-1151		2/10/2021	Trichloroethene	101	2		J	0	5
PTX06-1151		8/10/2021	Trichloroethene	162	4	H	J-	0.23	5
PTX06-1151		2/10/2021	1,4-Dioxane	16.8	5			0	7.7
PTX06-1151		8/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.65	0.257			0.23	2
PTX06-1151		8/10/2021	Perchlorate	29	25			0.23	26
PTX06-1151		8/10/2021	1,4-Dioxane	21.3	3			0.23	7.7
PTX06-1153	Compliance	5/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	274	12.8		J	5.17	2
PTX06-1153	Compliance	5/26/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	260	12.9		J		2
PTX06-1153	Compliance	8/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	252	25.9	*F^	J	0.12	2
PTX06-1153	Compliance	8/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	228	26.2	^	J		2
PTX06-1153	Compliance	8/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	14.1	2.59	*	J	0.12	2
PTX06-1153	Compliance	8/3/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	12.2	2.62		J		2
PTX06-1153	Compliance	8/3/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.44	0.262	^	J+		2
PTX06-1153	Compliance	5/26/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.19	0.257			5.17	2
PTX06-1153	Compliance	5/26/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.93	0.257				2
PTX06-1153	Compliance	5/26/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.99	0.257			5.17	2
PTX06-1153	Compliance	5/26/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.67	0.257				2
PTX06-1153	Compliance	5/26/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13	1.28			5.17	2
PTX06-1153	Compliance	5/26/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13	1.29				2
PTX06-1153	Compliance	8/3/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.91	0.259			0.12	2
PTX06-1153	Compliance	8/3/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.95	0.262				2
PTX06-1153	Compliance	8/3/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	3.35	0.259			0.12	2
PTX06-1154	Compliance	5/26/2021	Arsenic	100	5	D	J	3.26	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1154	Compliance	5/26/2021	Barium	11000	25	D		3.26	2000
PTX06-1154	Compliance	8/3/2021	Arsenic	67	10	D		1.51	12
PTX06-1154	Compliance	8/3/2021	Barium	15000	10	D		1.51	2000
PTX06-1155	Compliance	11/10/2021	cis-1,2-Dichloroethene	269	10	D *	J	2.76	70
PTX06-1155	Compliance	3/30/2021	cis-1,2-Dichloroethene	85	5	F1	J-	1.33	70
PTX06-1155	Compliance	3/30/2021	cis-1,2-Dichloroethene	86	5		J-		70
PTX06-1155	Compliance	3/30/2021	Trichloroethene	41	2.5	F1	J-	1.33	5
PTX06-1155	Compliance	3/30/2021	Trichloroethene	40	2.5		J-		5
PTX06-1155	Compliance	11/10/2021	1,4-Dioxane	42.4	1	*	J-	2.76	7.7
PTX06-1155	Compliance	3/30/2021	Arsenic	24	5			1.33	12
PTX06-1155	Compliance	3/30/2021	Arsenic	24	5				12
PTX06-1155	Compliance	3/30/2021	1,4-Dioxane	43	1.4			1.33	7.7
PTX06-1155	Compliance	3/30/2021	1,4-Dioxane	47	1.4				7.7
PTX06-1155	Compliance	3/30/2021	Vinyl Chloride	17	1			1.33	2
PTX06-1155	Compliance	3/30/2021	Vinyl Chloride	16	1				2
PTX06-1155	Compliance	11/10/2021	Arsenic	28	5			2.76	12
PTX06-1155	Compliance	11/10/2021	1,2-Dichloroethane	5.87	5	D		2.76	5
PTX06-1155	Compliance	11/10/2021	1,1-Dichloroethene	7.04	2	D		2.76	7
PTX06-1155	Compliance	11/10/2021	Trichloroethene	36.2	5	D		2.76	5
PTX06-1155	Compliance	11/10/2021	Vinyl Chloride	22.9	2	D		2.76	2
PTX06-1156	Compliance	11/10/2021	Barium	3600	1	^	J	4.28	2000
PTX06-1156	Compliance	11/10/2021	1,4-Dioxane	37	1	*	J-	4.28	7.7
PTX06-1156	Compliance	3/30/2021	Arsenic	62	5			8.12	12
PTX06-1156	Compliance	3/30/2021	Barium	3100	2			8.12	2000
PTX06-1156	Compliance	3/30/2021	1,4-Dioxane	34	1.4			8.12	7.7
PTX06-1156	Compliance	11/10/2021	Arsenic	74	5			4.28	12
PTX06-1159		2/9/2021	Perchlorate	172	100		J	0.26	26
PTX06-1159		2/9/2021	Trichloroethene	92.4	1		J	0.26	5
PTX06-1159		2/9/2021	4-Amino-2,6-Dinitrotoluene	2.39	0.26			0.26	1.2
PTX06-1159		8/11/2021	4-Amino-2,6-Dinitrotoluene	1.81	0.262			1.05	1.2
PTX06-1159		8/11/2021	Perchlorate	217	100			1.05	26
PTX06-1159		8/11/2021	Trichloroethene	116	2	H		1.05	5

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1164		11/17/2021	Trichloroethene	143	2.5	*	J	6.94	5
PTX06-1164		3/24/2021	Trichloroethene	81	2.5	F1	J-	1.23	5
PTX06-1166		7/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.3	1.3			1.14	2
PTX06-1169		3/29/2021	cis-1,2-Dichloroethene	190	5	F1	J	1.5	70
PTX06-1169		11/29/2021	cis-1,2-Dichloroethene	184	5	*	J	4.17	70
PTX06-1169		3/29/2021	Arsenic	66	5			1.5	12
PTX06-1169		3/29/2021	1,2-Dichloroethane	7.5	2.5			1.5	5
PTX06-1169		3/29/2021	Trichloroethene	12	2.5			1.5	5
PTX06-1169		3/29/2021	Vinyl Chloride	2.5	1			1.5	2
PTX06-1169		11/29/2021	Arsenic	55	5			4.17	12
PTX06-1169		11/29/2021	1,2-Dichloroethane	6.41	2.5			4.17	5
PTX06-1169		11/29/2021	Trichloroethene	10.6	2.5			4.17	5
PTX06-1170		3/23/2021	Arsenic	42	5		J	1.85	12
PTX06-1170		3/23/2021	Trichloroethene	11	2.5		J	1.85	5
PTX06-1170		3/23/2021	Vinyl Chloride	11	1		J	1.85	2
PTX06-1170		3/23/2021	Manganese	2300	4	B		1.85	1715.5
PTX06-1170		11/29/2021	Arsenic	50	5			3.68	12
PTX06-1170		11/29/2021	Manganese	3200	2			3.68	1715.5
PTX06-1170		11/29/2021	Vinyl Chloride	7.58	1			3.68	2
PTX06-1171		8/18/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	16.2	0.66		J	6.34	2
PTX06-1171		8/18/2021	Perchlorate	45.1	25		J	6.34	26
PTX06-1171		8/18/2021	Trichloroethene	287	4	H	J-	6.34	5
PTX06-1171		8/18/2021	1,4-Dioxane	14.9	2			6.34	7.7
PTX06-1173		4/5/2021	1,4-Dioxane	30	1	F1	J-	2.65	7.7
PTX06-1173		4/5/2021	Arsenic	53	5			2.65	12
PTX06-1173		4/5/2021	Vinyl Chloride	5	1			2.65	2
PTX06-1173		11/16/2021	Arsenic	54	5			7.27	12
PTX06-1173		11/16/2021	1,4-Dioxane	28.6	1			7.27	7.7
PTX06-1173		11/16/2021	Vinyl Chloride	3.16	1			7.27	2
PTX06-1174		4/5/2021	Arsenic	72	5			2.58	12
PTX06-1174		4/5/2021	Vinyl Chloride	4.3	1			2.58	2
PTX06-1174		11/16/2021	Arsenic	64	5			8.87	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1175		4/5/2021	1,4-Dioxane	14	1		J-	1.31	7.7
PTX06-1175		4/5/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	46.5	1.31			1.31	2
PTX06-1175		4/5/2021	Perchlorate	97	200	J D		1.31	26
PTX06-1175		4/5/2021	Trichloroethene	92	2.5			1.31	5
PTX06-1175		11/16/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	40.8	2.61			4.29	2
PTX06-1175		11/16/2021	1,4-Dioxane	9.68	1			4.29	7.7
PTX06-1175		11/16/2021	Trichloroethene	38.3	2.5			4.29	5
PTX06-1176		3/23/2021	Arsenic	94	5		J	2.59	12
PTX06-1176		11/29/2021	Barium	7400	10	D B ^	J	3.93	2000
PTX06-1176		3/23/2021	Barium	6400	5			2.59	2000
PTX06-1176		11/29/2021	Arsenic	90	5			3.93	12
PTX06-1177		11/17/2021	Barium	7200	10	^ * D	J	3.62	2000
PTX06-1177		3/24/2021	Arsenic	190	5			10.21	12
PTX06-1177		3/24/2021	Barium	6900	5			10.21	2000
PTX06-1177		11/17/2021	Arsenic	150	5			3.62	12
PTX06-1177		11/17/2021	Vinyl Chloride	4.46	1			3.62	2
PTX06-1180		2/10/2021	Trichloroethene	296	4		J	6.12	5
PTX06-1180		8/10/2021	Trichloroethene	367	4	H	J-	3.4	5
PTX06-1183		4/26/2021	Chromium, Hexavalent	477.411	20	I	J	2.02	100
PTX06-1183		4/26/2021	Chromium, Total	534	10			2.02	100
PTX06-1183		11/2/2021	Chromium, Total	504	10			0.02	100
PTX06-1183		11/2/2021	Chromium, Hexavalent	434.417	20	I		0.02	100
PTX06-1185		5/5/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	250	25.9		J	0.57	2
PTX06-1185		11/1/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	215	13		J	1.71	2
PTX06-1185		11/1/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	254	12.8		J		2
PTX06-1185		5/5/2021	4-Amino-2,6-Dinitrotoluene	2.27	0.259			0.57	1.2
PTX06-1185		11/1/2021	4-Amino-2,6-Dinitrotoluene	2.36	0.259			1.71	1.2
PTX06-1185		11/1/2021	4-Amino-2,6-Dinitrotoluene	2.13	0.257				1.2
PTX06-1190		5/5/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1700	64.7		J	0	2
PTX06-1190		10/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1240	64.6		J	1.3	2
PTX06-1190		10/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	28.7	0.258		J	1.3	2
PTX06-1190		1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	14	2.2		J-	0	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1190		1/13/2021	4-Amino-2,6-Dinitrotoluene	7.05	0.259			0	1.2
PTX06-1190		1/13/2021	4-Amino-2,6-Dinitrotoluene	10	2.2			0	1.2
PTX06-1190		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1410	64.8			0	2
PTX06-1190		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1300	56			0	2
PTX06-1190		1/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24.7	2.59			0	2
PTX06-1190		5/5/2021	4-Amino-2,6-Dinitrotoluene	6.93	0.259			0	1.2
PTX06-1190		5/5/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	22.5	6.47			0	2
PTX06-1190		10/27/2021	4-Amino-2,6-Dinitrotoluene	6.2	0.258			1.3	1.2
PTX06-1191		8/16/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	148	6.53		J	0.71	2
PTX06-1191		3/31/2021	4-Amino-2,6-Dinitrotoluene	1.25	0.261			0.15	1.2
PTX06-1191		3/31/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	130	6.53			0.15	2
PTX06-1196		8/16/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	27.6	1.3		J	4.16	2
PTX06-1196		3/31/2021	4-Amino-2,6-Dinitrotoluene	4.42	0.262			0.15	1.2
PTX06-1196		3/31/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	33.5	1.31			0.15	2
PTX06-1196		8/16/2021	4-Amino-2,6-Dinitrotoluene	2.77	0.26			4.16	1.2
PTX06-1197		2/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	227	26		J-	2	2
PTX06-1197		2/3/2021	4-Amino-2,6-Dinitrotoluene	3.1	0.26			2	1.2
PTX06-1197		8/16/2021	4-Amino-2,6-Dinitrotoluene	2.74	0.258			0.23	1.2
PTX06-1197		8/16/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	279	12.9			0.23	2
PTX06-1199		2/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.92	0.26		J-	0.55	2
PTX06-1199		2/3/2021	4-Amino-2,6-Dinitrotoluene	2.01	0.26			0.55	1.2
PTX06-1199		8/16/2021	4-Amino-2,6-Dinitrotoluene	1.97	0.262			0	1.2
PTX06-1199		8/16/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.31	0.262			0	2
PTX06-1201		2/4/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.88	0.26		J-	0.55	2
PTX06-1201		2/4/2021	4-Amino-2,6-Dinitrotoluene	1.48	0.26			0.55	1.2
PTX06-1201		8/23/2021	4-Amino-2,6-Dinitrotoluene	1.3	0.253			0.31	1.2
PTX06-1201		8/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.02	0.253	^		0.31	2
PTX06-1203		8/23/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.43	0.257		J	0.31	2
PTX06-1203		3/2/2021	4-Amino-2,6-Dinitrotoluene	6.52	0.25			0	1.2
PTX06-1203		3/2/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	188	25			0	2
PTX06-1203		3/2/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.6	0.25			0	2
PTX06-1203		8/23/2021	4-Amino-2,6-Dinitrotoluene	6.52	0.257			0.31	1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-1203		8/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	244	64.4			0.31	2
PTX06-1207		4/26/2021	4-Amino-2,6-Dinitrotoluene	5.34	0.263			0.56	1.2
PTX06-1207		11/2/2021	4-Amino-2,6-Dinitrotoluene	4.54	0.259			0.07	1.2
PTX06-1209		10/19/2021	4-Amino-2,6-Dinitrotoluene	6.87	0.259		J	4.38	1.2
PTX06-1209		10/19/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.88	0.259		J	4.38	2
PTX06-1209		10/19/2021	Perchlorate	51.8	100	J D *	J	4.38	26
PTX06-1209		10/19/2021	Trichloroethene	329	10	D *	J-	4.38	5
PTX06-1209		10/19/2021	1,4-Dioxane	46.3	1			4.38	7.7
PTX06-1209		10/19/2021	Tetrachloroethene	9.45	10	J D		4.38	5
PTX06-1210		10/19/2021	Trichloroethene	230	5	D	J-	1.22	5
PTX06-1210		10/19/2021	Arsenic	44	10	D		1.22	12
PTX06-1210		10/19/2021	1,2-Dichloroethane	14.1	5	D		1.22	5
PTX06-1210		10/19/2021	1,4-Dioxane	70.3	1			1.22	7.7
PTX06-1211		10/20/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.91	0.259	*F	J	1.02	2
PTX06-1211		10/20/2021	1,2-Dichloroethane	5.12	1		J	1.02	5
PTX06-1211		10/20/2021	1,4-Dioxane	25.3	5		J	1.02	7.7
PTX06-1211		10/20/2021	Trichloroethene	336	10	H	J	1.02	5
PTX06-1213		11/15/2021	Barium	2400	2.5	^ *	J	11.5	2000
PTX06-1213		11/15/2021	Manganese	16000	2.5	*	J	11.5	1715.5
PTX06-1213		11/15/2021	Arsenic	290	2.5			11.5	12
PTX06-1213		11/15/2021	Chromium, Total	230	5			11.5	100
PTX06-1213		11/15/2021	Vanadium	1600	2.5			11.5	255.5
PTX06-1214		11/15/2021	Barium	2500	2.5	^ *	J	2.33	2000
PTX06-1214		11/15/2021	Arsenic	97	2.5			2.33	12
PTX06-EW-1		6/29/2021	2-Amino-4,6-Dinitrotoluene	12.3	0.625				1.2
PTX06-EW-1		6/29/2021	4-Amino-2,6-Dinitrotoluene	6.77	0.625				1.2
PTX06-EW-1		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	861	156				2
PTX06-EW-1		6/29/2021	1,3,5-Trinitrobenzene	1850	156				220
PTX06-EW-1		6/29/2021	TNT (2,4,6-Trinitrotoluene)	5.95	0.625				3.6
PTX06-EW-1		6/29/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	28.7	3.13				2
PTX06-EW-10		6/29/2021	Chromium, Hexavalent	290.708	20	I	J		100
PTX06-EW-10		6/29/2021	Perchlorate	318	500	J D	J		26

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-10		11/10/2021	Perchlorate	447	500	J D *	J		26
PTX06-EW-10		6/29/2021	Chromium, Total	290	10	D			100
PTX06-EW-16		6/21/2021	2-Amino-4,6-Dinitrotoluene	2.24	0.269				1.2
PTX06-EW-16		6/21/2021	4-Amino-2,6-Dinitrotoluene	12.5	2.69				1.2
PTX06-EW-16		6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	227	13.4				2
PTX06-EW-16		6/21/2021	TNT (2,4,6-Trinitrotoluene)	20.9	2.69				3.6
PTX06-EW-16		6/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.9	2.69				2
PTX06-EW-17		6/21/2021	2-Amino-4,6-Dinitrotoluene	3.59	0.272				1.2
PTX06-EW-17		6/21/2021	4-Amino-2,6-Dinitrotoluene	10.3	2.72				1.2
PTX06-EW-17		6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	119	13.6				2
PTX06-EW-17		6/21/2021	TNT (2,4,6-Trinitrotoluene)	21.5	2.72				3.6
PTX06-EW-17		6/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.66	0.272				2
PTX06-EW-18		6/21/2021	2-Amino-4,6-Dinitrotoluene	2.46	0.263				1.2
PTX06-EW-18		6/21/2021	4-Amino-2,6-Dinitrotoluene	6.85	0.263				1.2
PTX06-EW-18		6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	83.7	3.29				2
PTX06-EW-18		6/21/2021	TNT (2,4,6-Trinitrotoluene)	10.1	3.29				3.6
PTX06-EW-18		6/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.79	0.263				2
PTX06-EW-19		6/21/2021	2-Amino-4,6-Dinitrotoluene	3.96	0.268				1.2
PTX06-EW-19		6/21/2021	4-Amino-2,6-Dinitrotoluene	2.71	0.268				1.2
PTX06-EW-19		6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	60	3.35				2
PTX06-EW-19		6/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.93	0.268				2
PTX06-EW-2		7/13/2021	2-Amino-4,6-Dinitrotoluene	6.42	0.264		J		1.2
PTX06-EW-2		7/13/2021	4-Amino-2,6-Dinitrotoluene	3.91	0.264		J		1.2
PTX06-EW-2		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	394	26.4	^	J		2
PTX06-EW-2		7/13/2021	1,3,5-Trinitrobenzene	979	26.4	^	J		220
PTX06-EW-2		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	23.8	6.6		J		2
PTX06-EW-2		7/13/2021	Chromium, Hexavalent	188.976	20	I	J		100
PTX06-EW-2		7/13/2021	Chromium, Total	180	10	^			100
PTX06-EW-20		11/17/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	30.3	1.37				2
PTX06-EW-22A		11/17/2021	4-Amino-2,6-Dinitrotoluene	1.83	0.273				1.2
PTX06-EW-22A		11/17/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	65.3	2.73				2
PTX06-EW-22A		11/17/2021	TNT (2,4,6-Trinitrotoluene)	4.07	0.273				3.6

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-22A		11/17/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.97	0.273				2
PTX06-EW-23A		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	347	12.9	^	J		2
PTX06-EW-23A		7/14/2021	1,3,5-Trinitrobenzene	224	12.9	^	J		220
PTX06-EW-23A		7/14/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	14.5	1.29		J		2
PTX06-EW-23A		7/14/2021	2-Amino-4,6-Dinitrotoluene	1.78	0.259	^	J-		1.2
PTX06-EW-23A		7/14/2021	4-Amino-2,6-Dinitrotoluene	4.97	0.259				1.2
PTX06-EW-23A		7/14/2021	TNT (2,4,6-Trinitrotoluene)	13.6	1.29				3.6
PTX06-EW-24		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	600	26.4	^	J		2
PTX06-EW-24		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	731	26.6		J		2
PTX06-EW-24		7/13/2021	1,3,5-Trinitrobenzene	472	26.4	^	J		220
PTX06-EW-24		7/13/2021	1,3,5-Trinitrobenzene	495	26.6		J		220
PTX06-EW-24		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29.4	6.6		J		2
PTX06-EW-24		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	28.9	6.66		J		2
PTX06-EW-24		7/13/2021	Chromium, Hexavalent	278.392	20	I	J		100
PTX06-EW-24		7/13/2021	Chromium, Hexavalent	272.453	20	I	J		100
PTX06-EW-24		7/13/2021	2-Amino-4,6-Dinitrotoluene	8.18	0.264				1.2
PTX06-EW-24		7/13/2021	2-Amino-4,6-Dinitrotoluene	5.9	0.266				1.2
PTX06-EW-24		7/13/2021	4-Amino-2,6-Dinitrotoluene	6.54	0.264				1.2
PTX06-EW-24		7/13/2021	4-Amino-2,6-Dinitrotoluene	4.66	0.266				1.2
PTX06-EW-24		7/13/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.94	0.264				2
PTX06-EW-24		7/13/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.79	0.266				2
PTX06-EW-24		7/13/2021	TNT (2,4,6-Trinitrotoluene)	4.77	0.264				3.6
PTX06-EW-24		7/13/2021	Chromium, Total	290	10	^			100
PTX06-EW-24		7/13/2021	Chromium, Total	290	10	^			100
PTX06-EW-25		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	55.2	6.55		J		2
PTX06-EW-25		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.77	0.262		J		2
PTX06-EW-26		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	149	6.5		J		2
PTX06-EW-26		7/14/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.05	0.26		J		2
PTX06-EW-26		7/14/2021	2-Amino-4,6-Dinitrotoluene	1.3	0.26	^	J-		1.2
PTX06-EW-26		7/14/2021	4-Amino-2,6-Dinitrotoluene	2.73	0.26				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-26		7/14/2021	TNT (2,4,6-Trinitrotoluene)	8.66	0.26				3.6
PTX06-EW-27		6/22/2021	2-Amino-4,6-Dinitrotoluene	3.26	0.27				1.2
PTX06-EW-27		6/22/2021	4-Amino-2,6-Dinitrotoluene	13.2	2.7				1.2
PTX06-EW-27		6/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	811	27				2
PTX06-EW-27		6/22/2021	TNT (2,4,6-Trinitrotoluene)	6.42	0.27				3.6
PTX06-EW-27		6/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	16.7	2.7				2
PTX06-EW-28		6/29/2021	Chromium, Hexavalent	170.883	20	I	J		100
PTX06-EW-28		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.05	1.34				2
PTX06-EW-28		6/29/2021	Chromium, Total	170	10	D			100
PTX06-EW-29		6/29/2021	2-Amino-4,6-Dinitrotoluene	2.26	0.269				1.2
PTX06-EW-29		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	45.8	2.69				2
PTX06-EW-3		6/29/2021	2-Amino-4,6-Dinitrotoluene	4.64	0.275				1.2
PTX06-EW-3		6/29/2021	4-Amino-2,6-Dinitrotoluene	2.76	0.275				1.2
PTX06-EW-3		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	435	27.5				2
PTX06-EW-3		6/29/2021	1,3,5-Trinitrobenzene	366	27.5				220
PTX06-EW-3		6/29/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.3	6.87				2
PTX06-EW-30		6/29/2021	Chromium, Hexavalent	183.632	20	I	J		100
PTX06-EW-30		6/29/2021	2-Amino-4,6-Dinitrotoluene	3.95	0.274				1.2
PTX06-EW-30		6/29/2021	4-Amino-2,6-Dinitrotoluene	8.09	0.274				1.2
PTX06-EW-30		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	306	68.5				2
PTX06-EW-30		6/29/2021	TNT (2,4,6-Trinitrotoluene)	12.8	6.85				3.6
PTX06-EW-30		6/29/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	30.1	6.85				2
PTX06-EW-30		6/29/2021	Chromium, Total	190	10	D			100
PTX06-EW-31		6/29/2021	2-Amino-4,6-Dinitrotoluene	1.62	0.27				1.2
PTX06-EW-31		6/29/2021	4-Amino-2,6-Dinitrotoluene	4.91	0.27				1.2
PTX06-EW-31		6/29/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	106	13.5				2
PTX06-EW-31		6/29/2021	TNT (2,4,6-Trinitrotoluene)	12.2	1.35				3.6
PTX06-EW-31		6/29/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.71	0.27				2
PTX06-EW-32		7/13/2021	2-Amino-4,6-Dinitrotoluene	4.75	0.259		J		1.2
PTX06-EW-32		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	156	12.9		J		2
PTX06-EW-32		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	6.45	0.259		J		2
PTX06-EW-33		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	202	13.4		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-33		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.06	0.269		J		2
PTX06-EW-33		7/13/2021	2-Amino-4,6-Dinitrotoluene	1.27	0.269				1.2
PTX06-EW-33		7/13/2021	4-Amino-2,6-Dinitrotoluene	2.35	0.269				1.2
PTX06-EW-33		7/13/2021	TNT (2,4,6-Trinitrotoluene)	7.16	0.269				3.6
PTX06-EW-34		7/13/2021	2-Amino-4,6-Dinitrotoluene	5.43	0.259		J		1.2
PTX06-EW-34		7/13/2021	4-Amino-2,6-Dinitrotoluene	3.94	0.259		J		1.2
PTX06-EW-34		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	622	25.9	^	J		2
PTX06-EW-34		7/13/2021	TNT (2,4,6-Trinitrotoluene)	6.57	0.259		J		3.6
PTX06-EW-34		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	29.6	6.48		J		2
PTX06-EW-35		6/22/2021	2-Amino-4,6-Dinitrotoluene	3.78	0.277				1.2
PTX06-EW-35		6/22/2021	4-Amino-2,6-Dinitrotoluene	15.8	2.77				1.2
PTX06-EW-35		6/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1000	27.7				2
PTX06-EW-35		6/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	10.9	2.77				2
PTX06-EW-36		7/22/2021	2-Amino-4,6-Dinitrotoluene	3.21	0.263				1.2
PTX06-EW-36		7/22/2021	4-Amino-2,6-Dinitrotoluene	1.35	0.263				1.2
PTX06-EW-36		7/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	154	13.2				2
PTX06-EW-36		7/22/2021	1,3,5-Trinitrobenzene	275	13.2				220
PTX06-EW-38C		6/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.5	0.263				2
PTX06-EW-39		6/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	19	1.34				2
PTX06-EW-4		6/22/2021	2-Amino-4,6-Dinitrotoluene	2.94	0.262				1.2
PTX06-EW-4		6/22/2021	4-Amino-2,6-Dinitrotoluene	12.7	2.62				1.2
PTX06-EW-4		6/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	818	26.2				2
PTX06-EW-4		6/22/2021	TNT (2,4,6-Trinitrotoluene)	4.7	0.262				3.6
PTX06-EW-4		6/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	15.6	2.62				2
PTX06-EW-40		6/23/2021	4-Amino-2,6-Dinitrotoluene	2.01	0.269				1.2
PTX06-EW-40		6/23/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	41.8	1.34				2
PTX06-EW-40		6/23/2021	TNT (2,4,6-Trinitrotoluene)	5.51	0.269				3.6
PTX06-EW-41		6/24/2021	2-Amino-4,6-Dinitrotoluene	1.68	0.268				1.2
PTX06-EW-41		6/24/2021	4-Amino-2,6-Dinitrotoluene	4.28	0.268				1.2
PTX06-EW-41		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	60.6	3.35				2
PTX06-EW-41		6/24/2021	TNT (2,4,6-Trinitrotoluene)	10.4	1.34				3.6
PTX06-EW-42A		6/24/2021	2-Amino-4,6-Dinitrotoluene	2.06	0.27				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-42A		6/24/2021	2-Amino-4,6-Dinitrotoluene	2.43	0.269				1.2
PTX06-EW-42A		6/24/2021	4-Amino-2,6-Dinitrotoluene	5.4	0.27				1.2
PTX06-EW-42A		6/24/2021	4-Amino-2,6-Dinitrotoluene	5.95	0.269				1.2
PTX06-EW-42A		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	104	6.76				2
PTX06-EW-42A		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	109	6.71				2
PTX06-EW-42A		6/24/2021	TNT (2,4,6-Trinitrotoluene)	13.7	1.35				3.6
PTX06-EW-42A		6/24/2021	TNT (2,4,6-Trinitrotoluene)	13.7	1.34				3.6
PTX06-EW-43		6/24/2021	2-Amino-4,6-Dinitrotoluene	2.72	0.276				1.2
PTX06-EW-43		6/24/2021	4-Amino-2,6-Dinitrotoluene	8.73	0.276				1.2
PTX06-EW-43		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	717	27.6				2
PTX06-EW-43		6/24/2021	TNT (2,4,6-Trinitrotoluene)	19.7	1.38				3.6
PTX06-EW-43		6/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.8	0.276				2
PTX06-EW-44		6/24/2021	2-Amino-4,6-Dinitrotoluene	3.74	0.269				1.2
PTX06-EW-44		6/24/2021	4-Amino-2,6-Dinitrotoluene	8.89	0.269				1.2
PTX06-EW-44		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	532	13.4				2
PTX06-EW-44		6/24/2021	TNT (2,4,6-Trinitrotoluene)	18.3	1.34				3.6
PTX06-EW-44		6/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	8.82	0.269				2
PTX06-EW-45		6/24/2021	Chromium, Hexavalent	115.676	20	I	J		100
PTX06-EW-45		6/24/2021	2-Amino-4,6-Dinitrotoluene	2.95	0.262				1.2
PTX06-EW-45		6/24/2021	4-Amino-2,6-Dinitrotoluene	9.6	0.262				1.2
PTX06-EW-45		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	568	26.2				2
PTX06-EW-45		6/24/2021	TNT (2,4,6-Trinitrotoluene)	16.8	1.31				3.6
PTX06-EW-45		6/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	13.1	1.31				2
PTX06-EW-45		6/24/2021	Chromium, Total	110	10	D			100
PTX06-EW-46		6/24/2021	2-Amino-4,6-Dinitrotoluene	2.91	0.27				1.2
PTX06-EW-46		6/24/2021	4-Amino-2,6-Dinitrotoluene	5.82	0.27				1.2
PTX06-EW-46		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	923	27				2
PTX06-EW-46		6/24/2021	TNT (2,4,6-Trinitrotoluene)	8.65	0.27				3.6
PTX06-EW-46		6/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24.5	1.35				2
PTX06-EW-48		7/13/2021	2-Amino-4,6-Dinitrotoluene	2.08	0.27		J		1.2
PTX06-EW-48		7/13/2021	4-Amino-2,6-Dinitrotoluene	4.08	0.27		J		1.2
PTX06-EW-48		7/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	695	27		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-48		7/13/2021	TNT (2,4,6-Trinitrotoluene)	5.73	0.27		J		3.6
PTX06-EW-48		7/13/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	38.4	6.76		J		2
PTX06-EW-49		6/24/2021	2-Amino-4,6-Dinitrotoluene	3.58	0.277				1.2
PTX06-EW-49		6/24/2021	4-Amino-2,6-Dinitrotoluene	1.65	0.277				1.2
PTX06-EW-49		6/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	861	69.3				2
PTX06-EW-49		6/24/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	36.9	1.39				2
PTX06-EW-50		6/21/2021	2-Amino-4,6-Dinitrotoluene	2.48	0.275				1.2
PTX06-EW-50		6/21/2021	4-Amino-2,6-Dinitrotoluene	25.3	3.44				1.2
PTX06-EW-50		6/21/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	26.4	3.44				2
PTX06-EW-50		6/21/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	8.72	0.275				2
PTX06-EW-50		6/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	1250	55				2
PTX06-EW-50		6/21/2021	TNT (2,4,6-Trinitrotoluene)	37.6	3.44				3.6
PTX06-EW-50		6/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	139	27.5				2
PTX06-EW-51		6/23/2021	Chromium, Total	240	10	D			100
PTX06-EW-51		6/23/2021	Chromium, Hexavalent	222.695	20	I			100
PTX06-EW-51		11/29/2021	Perchlorate	182	500	J D			26
PTX06-EW-54		12/21/2021	4-Amino-2,6-Dinitrotoluene	27.5	1.36		J		1.2
PTX06-EW-54		12/21/2021	4-Amino-2,6-Dinitrotoluene	27.9	1.41		J		1.2
PTX06-EW-54		12/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	651	67.9		J		2
PTX06-EW-54		12/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	760	70.6		J		2
PTX06-EW-54		12/21/2021	TNT (2,4,6-Trinitrotoluene)	39.3	1.36		J		3.6
PTX06-EW-54		12/21/2021	TNT (2,4,6-Trinitrotoluene)	38.2	1.41		J		3.6
PTX06-EW-54		12/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	56.4	6.79		J		2
PTX06-EW-54		12/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	37.6	1.41		J		2
PTX06-EW-54		12/21/2021	2-Amino-4,6-Dinitrotoluene	3.53	0.272				1.2
PTX06-EW-54		12/21/2021	2-Amino-4,6-Dinitrotoluene	3.16	0.283				1.2
PTX06-EW-54		12/21/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.84	0.272				2
PTX06-EW-54		12/21/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.19	1.41				2
PTX06-EW-55		6/22/2021	2-Amino-4,6-Dinitrotoluene	3.7	0.271				1.2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-55		6/22/2021	4-Amino-2,6-Dinitrotoluene	18.8	2.71				1.2
PTX06-EW-55		6/22/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	4.27	0.271				2
PTX06-EW-55		6/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	648	27.1				2
PTX06-EW-55		6/22/2021	TNT (2,4,6-Trinitrotoluene)	27.1	2.71				3.6
PTX06-EW-55		6/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	30.2	2.71				2
PTX06-EW-56		6/22/2021	2-Amino-4,6-Dinitrotoluene	3.62	0.273				1.2
PTX06-EW-56		6/22/2021	4-Amino-2,6-Dinitrotoluene	15.9	2.73				1.2
PTX06-EW-56		6/22/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.6	0.273				2
PTX06-EW-56		6/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	889	27.3				2
PTX06-EW-56		6/22/2021	TNT (2,4,6-Trinitrotoluene)	20.1	2.73				3.6
PTX06-EW-56		6/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	34.7	2.73				2
PTX06-EW-57		12/21/2021	4-Amino-2,6-Dinitrotoluene	15.5	1.38		J		1.2
PTX06-EW-57		12/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	830	69.1		J		2
PTX06-EW-57		12/21/2021	TNT (2,4,6-Trinitrotoluene)	4.62	0.277		J		3.6
PTX06-EW-57		12/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.94	1.38		J		2
PTX06-EW-57		12/21/2021	2-Amino-4,6-Dinitrotoluene	2.69	0.277		J-		1.2
PTX06-EW-58		11/17/2021	2-Amino-4,6-Dinitrotoluene	2.96	0.271				1.2
PTX06-EW-58		11/17/2021	4-Amino-2,6-Dinitrotoluene	18.6	1.36				1.2
PTX06-EW-58		11/17/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.58	0.271				2
PTX06-EW-58		11/17/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	663	27.1				2
PTX06-EW-58		11/17/2021	TNT (2,4,6-Trinitrotoluene)	29.5	1.36				3.6
PTX06-EW-58		11/17/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	28.2	1.36				2
PTX06-EW-59		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	420	13.1		J		2
PTX06-EW-59		7/14/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	24.1	2.61		J		2
PTX06-EW-59		7/14/2021	2-Amino-4,6-Dinitrotoluene	5.84	0.261	^	J-		1.2
PTX06-EW-59		7/14/2021	4-Amino-2,6-Dinitrotoluene	17.3	2.61				1.2
PTX06-EW-59		7/14/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	4.43	0.261				2
PTX06-EW-59		7/14/2021	TNT (2,4,6-Trinitrotoluene)	24.7	2.61				3.6
PTX06-EW-60		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	121	6.51		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-60		7/14/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.86	0.26		J		2
PTX06-EW-60		7/14/2021	4-Amino-2,6-Dinitrotoluene	3.21	0.26				1.2
PTX06-EW-60		7/14/2021	TNT (2,4,6-Trinitrotoluene)	10.1	0.26				3.6
PTX06-EW-61		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	60.8	2.58		J		2
PTX06-EW-61		7/14/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.2	0.258		J		2
PTX06-EW-62		7/14/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13.6	1.27		J		2
PTX06-EW-62		7/14/2021	4-Amino-2,6-Dinitrotoluene	2.02	0.254				1.2
PTX06-EW-62		7/14/2021	TNT (2,4,6-Trinitrotoluene)	7.73	0.254				3.6
PTX06-EW-63		11/17/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.68	0.275		J-		2
PTX06-EW-63		11/17/2021	4-Amino-2,6-Dinitrotoluene	3.5	0.275				1.2
PTX06-EW-63		11/17/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	77.6	2.75				2
PTX06-EW-63		11/17/2021	TNT (2,4,6-Trinitrotoluene)	10.3	2.75				3.6
PTX06-EW-64		7/22/2021	TNT (2,4,6-Trinitrotoluene)	4.97	0.261		J		3.6
PTX06-EW-64		7/22/2021	2-Amino-4,6-Dinitrotoluene	1.45	0.261				1.2
PTX06-EW-64		7/22/2021	4-Amino-2,6-Dinitrotoluene	2.44	0.261				1.2
PTX06-EW-64		7/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	101	13				2
PTX06-EW-64		7/22/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	7.21	0.261				2
PTX06-EW-65		11/17/2021	Chromium, Hexavalent	261.227	20	I	J		100
PTX06-EW-65		11/17/2021	2,4-Dinitrotoluene	1.58	0.271				1
PTX06-EW-65		11/17/2021	2-Amino-4,6-Dinitrotoluene	3.98	0.271				1.2
PTX06-EW-65		11/17/2021	4-Amino-2,6-Dinitrotoluene	3.63	0.271				1.2
PTX06-EW-65		11/17/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	350	27.1				2
PTX06-EW-65		11/17/2021	1,3,5-Trinitrobenzene	833	27.1				220
PTX06-EW-65		11/17/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	15	1.36				2
PTX06-EW-65		11/17/2021	Chromium, Total	280	10				100
PTX06-EW-67		6/23/2021	Perchlorate	33.9	50	J * D	J		26
PTX06-EW-67		6/23/2021	Chromium, Total	240	10	D			100
PTX06-EW-67		6/23/2021	Chromium, Hexavalent	223.406	20	I			100
PTX06-EW-67		11/29/2021	Perchlorate	109	200	J D			26
PTX06-EW-68		6/23/2021	Chromium, Total	260	10	D			100
PTX06-EW-68		6/23/2021	Chromium, Hexavalent	234.943	20	I			100
PTX06-EW-70		12/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	26	1.34				2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-EW-71		9/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.34	0.257	^			2
PTX06-EW-72		9/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.24	0.259				2
PTX06-EW-75		9/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.4	0.263		J-		2
PTX06-EW-75		9/21/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.87	0.263	^	J+		2
PTX06-EW-75		9/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	49.4	2.63				2
PTX06-EW-78A		9/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.71	0.262				2
PTX06-EW-79		9/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	37	1.32				2
PTX06-EW-79		9/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.38	0.265				2
PTX06-EW-80		9/21/2021	4-Amino-2,6-Dinitrotoluene	4.16	0.26				1.2
PTX06-EW-80		9/21/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	27.1	1.3				2
PTX06-EW-80		9/21/2021	TNT (2,4,6-Trinitrotoluene)	8.35	0.26				3.6
PTX06-EW-80		9/21/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	9.27	0.26				2
PTX06-EW-81A		12/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.11	0.268				2
PTX06-EW-88		7/22/2021	4-Amino-2,6-Dinitrotoluene	4.11	0.259				1.2
PTX06-EW-88		7/22/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	365	13				2
PTX06-EW-9		6/23/2021	Chromium, Total	140	10	D			100
PTX06-EW-9		6/23/2021	Chromium, Hexavalent	133.402	20	I			100
PTX06-ISB021		4/29/2021	Arsenic	120	13	F1	J+	9.05	12
PTX06-ISB021		4/29/2021	Manganese	3400	10	F1	J+	9.05	1715.5
PTX06-ISB021		8/4/2021	Arsenic	150	25	D		8.83	12
PTX06-ISB021		8/4/2021	Manganese	3300	10	D		8.83	1715.5
PTX06-ISB030B		4/29/2021	Arsenic	170	13		J+	19.7	12
PTX06-ISB030B		4/29/2021	Manganese	2100	10		J+	19.7	1715.5
PTX06-ISB030B		4/29/2021	Barium	5500	5			19.7	2000
PTX06-ISB030B		8/4/2021	Arsenic	240	25	D		11.5	12
PTX06-ISB030B		8/4/2021	Barium	7700	5	^ D		11.5	2000
PTX06-ISB030B		8/4/2021	Manganese	2600	10	D		11.5	1715.5
PTX06-ISB038		5/13/2021	Arsenic	130	13	D	J	28.2	12
PTX06-ISB038		5/13/2021	Barium	2800	5	D	J	28.2	2000
PTX06-ISB038		5/13/2021	Manganese	2100	10	D	J+	28.2	1715.5
PTX06-ISB038		8/9/2021	Arsenic	110	10	D		20.7	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB038		8/9/2021	Barium	2500	2	D		20.7	2000
PTX06-ISB046		5/13/2021	Arsenic	260	13	D *	J	16.5	12
PTX06-ISB046		5/13/2021	Manganese	1900	10	D *	J+	16.5	1715.5
PTX06-ISB046		8/9/2021	Arsenic	190	25	D		9.19	12
PTX06-ISB046		8/9/2021	Manganese	2400	10	D		9.19	1715.5
PTX06-ISB048		5/13/2021	Arsenic	55	13	D	J	20	12
PTX06-ISB048		5/13/2021	Nitrate As N	11220	700	I		20	10000
PTX06-ISB048		8/10/2021	Arsenic	32	10	D		9.1	12
PTX06-ISB055		4/27/2021	Arsenic	69	50		J+	1421	12
PTX06-ISB055		4/27/2021	Manganese	55000	100		J+	1421	1715.5
PTX06-ISB059		4/27/2021	Arsenic	200	13		J+	39.6	12
PTX06-ISB059		4/27/2021	Manganese	4300	10		J+	39.6	1715.5
PTX06-ISB064		4/21/2021	Arsenic	90	13		J	46.4	12
PTX06-ISB064		4/21/2021	Manganese	2400	10		J	46.4	1715.5
PTX06-ISB064		12/7/2021	Arsenic	44	5			24.4	12
PTX06-ISB068		4/21/2021	Arsenic	160	50		J	65.7	12
PTX06-ISB068		4/21/2021	Manganese	27000	40		J	65.7	1715.5
PTX06-ISB068		12/7/2021	Arsenic	270	5			37.8	12
PTX06-ISB068		12/7/2021	Manganese	16000	10	D		37.8	1715.5
PTX06-ISB073		4/27/2021	Arsenic	140	50		J+	1667	12
PTX06-ISB073		4/27/2021	Manganese	35000	100		J+	1667	1715.5
PTX06-ISB073		12/8/2021	Arsenic	170	5			62.1	12
PTX06-ISB073		12/8/2021	Manganese	20000	10	D		62.1	1715.5
PTX06-ISB075		3/23/2021	Arsenic	260	5		J	2.55	12
PTX06-ISB075		3/23/2021	Trichloroethene	6.2	2.5	F1 F2	J	2.55	5
PTX06-ISB075		3/23/2021	Vinyl Chloride	26	1	F2	J	2.55	2
PTX06-ISB075		12/6/2021	Arsenic	170	5			4.77	12
PTX06-ISB075		12/6/2021	Vinyl Chloride	25.7	1			4.77	2
PTX06-ISB079		3/29/2021	Arsenic	24	5			48.2	12
PTX06-ISB079		12/6/2021	Arsenic	26	5			42.1	12
PTX06-ISB082		3/29/2021	Arsenic	50	5			22.4	12
PTX06-ISB082		12/6/2021	Arsenic	47	5			14.6	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB133		4/20/2021	Manganese	55000	200		J	2191	1715.5
PTX06-ISB133		12/8/2021	Manganese	22000	10	D		93.9	1715.5
PTX06-ISB135		4/13/2021	Arsenic	78	50			34.7	12
PTX06-ISB135		4/13/2021	Manganese	95000	250	B		34.7	1715.5
PTX06-ISB135		12/13/2021	Arsenic	34	5				12
PTX06-ISB135		12/13/2021	Manganese	24000	100	D B			1715.5
PTX06-ISB137		4/20/2021	Manganese	65000	200		J	17.2	1715.5
PTX06-ISB137		12/13/2021	Arsenic	18	5			107.3	12
PTX06-ISB137		12/13/2021	Manganese	29000	100	D B		107.3	1715.5
PTX06-ISB302		2/24/2021	Arsenic	240	25			5.06	12
PTX06-ISB302		8/24/2021	Arsenic	200	25	D		12.7	12
PTX06-ISB307		8/24/2021	Manganese	7000	10	* D	J	22.7	1715.5
PTX06-ISB307		2/24/2021	Arsenic	150	25			18.1	12
PTX06-ISB307		2/24/2021	Manganese	1800	20			18.1	1715.5
PTX06-ISB307		8/24/2021	Arsenic	120	25	D		22.7	12
PTX06-ISB317		8/30/2021	Manganese	22000	20	D *	J	52.1	1715.5
PTX06-ISB317		3/4/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	5.57	5		J-	4.12	2
PTX06-ISB317		8/30/2021	Arsenic	150	50	* D	J+	52.1	12
PTX06-ISB317		3/4/2021	Arsenic	210	25			4.12	12
PTX06-ISB317		3/4/2021	Manganese	20000	40			4.12	1715.5
PTX06-ISB321		8/30/2021	Manganese	9600	20	* D	J	83.6	1715.5
PTX06-ISB321		8/30/2021	Arsenic	100	50	* D	J+	83.6	12
PTX06-ISB321		3/4/2021	Arsenic	130	25				12
PTX06-ISB321		3/4/2021	Manganese	88000	200				1715.5
PTX06-ISB325		8/25/2021	Manganese	7400	10	D *	J	57	1715.5
PTX06-ISB325		3/3/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	2.78	2.5			10.62	2
PTX06-ISB325		3/3/2021	Arsenic	220	25			10.62	12
PTX06-ISB325		3/3/2021	Manganese	3900	20			10.62	1715.5
PTX06-ISB325		3/3/2021	Nitrate As N	28810	700	I		10.62	10000
PTX06-ISB325		8/25/2021	Arsenic	100	25	D		57	12

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-ISB329		8/25/2021	Manganese	10000	10	D *	J	76.6	1715.5
PTX06-ISB329		3/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.55	0.25			3.57	2
PTX06-ISB329		8/25/2021	Arsenic	260	25	D		76.6	12
PTX06-ISB402		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.62	0.26		J	3.37	2
PTX06-ISB406		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	46.4	2.6		J	25.5	2
PTX06-ISB407		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	49.8	2.59			9.73	2
PTX06-ISB407		1/13/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	48.5	2.6				2
PTX06-ISB409		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.1	2.62		J	9.53	2
PTX06-ISB412		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	208	13		J	10.64	2
PTX06-ISB414		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	446	26		J	11.9	2
PTX06-ISB414		2/9/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.09	0.26			11.9	2
PTX06-ISB416		2/9/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	22.1	2.6		J	1.2	2
PTX06-ISB417		10/25/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.6	0.258			8.94	2
PTX06-MEW401		7/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	9.72	0.659	*^	J	22.6	2
PTX06-MEW401		7/27/2021	Arsenic	79	10	D		22.6	12
PTX06-MEW401		7/27/2021	Barium	7400	2	D		22.6	2000
PTX06-MEW401		7/27/2021	Manganese	3600	4	D		22.6	1715.5
PTX06-MEW401		10/27/2021	DNX (Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine)	3.17	0.273	^		3.31	2
PTX06-MEW401		10/27/2021	Arsenic	110	5			3.31	12
PTX06-MEW401		10/27/2021	Barium	11000	50	^ D		3.31	2000
PTX06-MEW401		10/27/2021	Manganese	3700	2			3.31	1715.5
PTX06-MEW402		7/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	319	13	^	J	9.92	2
PTX06-MEW402		7/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	4.29	0.259		J	9.92	2
PTX06-MEW402		10/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	401	25.3		J	31	2
PTX06-MEW402		10/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	5.58	0.253		J	31	2
PTX06-MEW402		7/27/2021	4-Amino-2,6-Dinitrotoluene	3.24	0.259			9.92	1.2
PTX06-MEW402		10/27/2021	4-Amino-2,6-Dinitrotoluene	2.44	0.253			31	1.2
PTX06-MEW403		7/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	120	13	*^	J	23.5	2
PTX06-MEW403		7/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	127	13.1	^	J		2
PTX06-MEW403		7/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.08	0.26		J	23.5	2
PTX06-MEW403		7/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.12	0.261		J		2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX06-MEW403		10/27/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	195	12.8		J	52.4	2
PTX06-MEW403		10/27/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	3.59	0.257		J	52.4	2
PTX06-MEW403		7/27/2021	4-Amino-2,6-Dinitrotoluene	4.34	0.26			23.5	1.2
PTX06-MEW403		7/27/2021	4-Amino-2,6-Dinitrotoluene	4.46	0.261				1.2
PTX06-MEW403		10/27/2021	4-Amino-2,6-Dinitrotoluene	4.14	0.257			52.4	1.2
PTX06-MEW404		11/30/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	253	12.9		J	4.94	2
PTX06-MEW404		11/30/2021	4-Amino-2,6-Dinitrotoluene	1.3	0.258			4.94	1.2
PTX06-MEW404		11/30/2021	MNX (Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine)	2.2	0.258			4.94	2
PTX06-MEW404		11/30/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.66	0.258			4.94	2
PTX06-MEW405		11/30/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	216	6.25	*	J	4.01	2
PTX06-MEW405		11/30/2021	4-Amino-2,6-Dinitrotoluene	1.75	0.25			4.01	1.2
PTX06-REC401A		10/12/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.27	0.257	*F	J		2
PTX06-REC401A		9/20/2021	4-Amino-2,6-Dinitrotoluene	1.31	0.258				1.2
PTX06-REC401A		9/20/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.27	0.258				2
PTX06-REC401A		10/12/2021	4-Amino-2,6-Dinitrotoluene	1.21	0.257				1.2
PTX06-REC403		10/12/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	8.31	0.641		J		2
PTX06-REC403		9/20/2021	4-Amino-2,6-Dinitrotoluene	1.68	0.26				1.2
PTX06-REC403		9/20/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	5.57	0.26				2
PTX06-REC403		10/12/2021	4-Amino-2,6-Dinitrotoluene	2.36	0.256				1.2
PTX06-REC404		10/12/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.4	0.254		J		2
PTX06-REC404		3/2/2021	4-Amino-2,6-Dinitrotoluene	1.34	0.253				1.2
PTX06-REC404		9/20/2021	4-Amino-2,6-Dinitrotoluene	2.62	0.26				1.2
PTX06-REC404		9/20/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	6.58	0.26				2
PTX06-REC404		10/12/2021	4-Amino-2,6-Dinitrotoluene	2.53	0.254				1.2
PTX07-1O03		8/24/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	34.8	1.32		J	0.91	2
PTX07-1P02	Compliance	11/8/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13	0.658		J-	0.85	2
PTX07-1P02	Compliance	11/8/2021	TNX (Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine)	2.39	0.263			0.85	2
PTX08-1001		5/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	4.61	0.26		J	0.16	2
PTX08-1002		11/8/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	10.4	0.658			0	2
PTX08-1006		3/3/2021	2-Amino-4,6-Dinitrotoluene	2	0.26		J-	0.03	1.2
PTX08-1006		3/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13	2.6		J-	0.03	2

Well ID	Designation	Sample Date	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Turbidity	GWPS (ug/L)
PTX08-1006		3/3/2021	2-Amino-4,6-Dinitrotoluene	2.59	0.253			0.03	1.2
PTX08-1006		3/3/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	11.5	0.631			0.03	2
PTX08-1006		3/3/2021	Trichloroethene	73.7	1			0.03	5
PTX08-1006		8/10/2021	2-Amino-4,6-Dinitrotoluene	2.44	0.26			0.32	1.2
PTX08-1006		8/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	13.2	0.65			0.32	2
PTX08-1006		8/10/2021	Trichloroethene	54.2	1			0.32	5
PTX08-1007		5/12/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.61	0.261	^	J	0.52	2
PTX08-1007		5/12/2021	1,4-Dioxane	8.33	1		J	0.52	7.7
PTX08-1007		5/12/2021	1,2-Dichloroethane	53.6	1		J+	0.52	5
PTX08-1007		5/12/2021	Trichloroethene	13.9	1			0.52	5
PTX08-1008		5/11/2021	Perchlorate	287	200		J	0.56	26
PTX08-1008		11/10/2021	4-Amino-2,6-Dinitrotoluene	3.81	0.262		J	0	1.2
PTX08-1008		11/10/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.15	0.262		J	0	2
PTX08-1008		5/11/2021	1,2-Dichloroethane	5.72	4		J+	0.56	5
PTX08-1008		5/11/2021	4-Amino-2,6-Dinitrotoluene	2.54	0.259			0.56	1.2
PTX08-1008		5/11/2021	Tetrachloroethene	5.68	4			0.56	5
PTX08-1008		5/11/2021	Trichloroethene	13.5	4			0.56	5
PTX08-1008		11/10/2021	Perchlorate	317	50			0	26
PTX08-1008		11/10/2021	1,4-Dioxane	7.83	1			0	7.7
PTX10-1014		8/18/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	3.32	0.259	F	J	2.7	2
PTX10-1014		8/18/2021	RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine)	2.92	0.258		J		2
PTX10-1014		8/18/2021	Trichloroethene	34.9	1			2.7	5
PTX10-1014		8/18/2021	Trichloroethene	35.4	1				5

Table D-2. Detected Results in Group 1 Ogallala Aquifer Uncertainty Management/Early Detection Wells

Well ID	Sample ID	Sample Date	Sample Type	Analyte	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug/L)	>GWPS?	Expected Condition?	Explanation
PTX06-1056	20210126M00016	1/26/2021	N	4-Amino-2,6-Dinitrotoluene	0.642	0.258				NA	0.258	Y	1.2	N	N	Unexpected condition.
PTX06-1056	20210126M00016	1/26/2021	N	1,2-Dichloroethane	0.84	1	J			NA	1	N	5	N	N	Unexpected condition.
PTX06-1056	20210802M00186	8/2/2021	N	4-Amino-2,6-Dinitrotoluene	0.723	0.26				NA	0.258	Y	1.2	N	N	Unexpected condition.
PTX06-1056	20210802M00186	8/2/2021	N	1,2-Dichloroethane	1	1				NA	1	Y	5	N	N	Unexpected condition.
PTX06-1061	20210420M00081	4/20/2021	N	Perchlorate	0.966	1	J		0.96	Y	1	Y	26	N	Y	Likely background variability.

Table D-3. Detected Boron Results in Group 1 Ogallala Aquifer Wells

Well ID	Sample ID	Sample Date	Sample Type	Measured Value (ug/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug/L)	> Background?	Lab PQL (ug/L)	>Lab PQL?	GWPS (ug/L)	>GWPS?	Expected Condition?	Mann-Kendall Trends		Explanation
															Long-Term	Short-Term	
PTX06-1043	20210127M00018	1/27/2021	N	194	30			193.9	Y	30	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1044	20210429M00102	4/29/2021	N	232	75	N	J+	193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1056	20210126M00016	1/26/2021	N	225	30			193.9	Y	30	NA	7300	N	Y	Decreasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1062A	20210201M00024	2/1/2021	N	196	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1137A	20210428M00097	4/28/2021	N	194	15			193.9	Y	15	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1139	20210202M00027	2/2/2021	N	210	75			193.9	Y	75	NA	7300	N	Y	No Trend	No Trend	This concentration likely represents natural variability in background.
PTX06-1140	20211018M00243	10/18/2021	N	197	15			193.9	Y	15	NA	7300	N	Y	Increasing	No Trend	This concentration likely represents natural variability in background.
PTX06-1140-3	20210607M00146	6/7/2021	N	194	75	D		193.9	Y	75	NA	7300	N	Y	Increasing	No Trend	This concentration likely represents natural variability in background.
PTX06-1157	20210202M00026	2/2/2021	N	228	75			193.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1157	20210809M00200	8/9/2021	N	217	75	D		193.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1157-2	20210608M00149	6/8/2021	N	206	75	D		194.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.
PTX06-1157-3	20210609M00151	6/9/2021	N	232	75	D		194.9	Y	75	NA	7300	N	Y	Increasing	Decreasing	This concentration likely represents natural variability in background.

Table D-4. COC Trends vs. Expected Conditions, Group 2 Wells

Well ID	COC Expected Condition - LTM Design	COC>GWPS	Mann-Kendall Trends – Since Start of Remedial Actions											
			RDX	TNT	DNT24[a]	DNT26[b]	TNB135[c]	PERC[d]	TCE	PCE[e]	CR-6	DIOXANE14[f]	DCA12[g]	TCLME[h]
1114-MW4	Long-term decreasing trend	PERC, TCE	N/A	ND	ND	ND	ND	Probably Increasing	No Trend	Decreasing	NT	No Trend	Decreasing	Probably Increasing
OW-WR-38	Long-term stabilization of concentrations	RDX, TNX	Increasing	ND	ND	ND	ND	NT	Increasing	ND	NT	NT	ND	ND
PTX06-1002A	Long-term stabilization of concentrations	RDX, TNX	Decreasing	ND	ND	ND	N/A	NT	No Trend	N/A	Decreasing	NT	Probably Increasing	ND
PTX06-1005	Long-term stabilization of concentrations	RDX, TNB135, TCE	Decreasing	Decreasing	Decreasing	Decreasing	No Trend	NT	Increasing	Increasing	Decreasing	Decreasing	Increasing	Increasing
PTX06-1007	Long-term decreasing trend	PERC, DNT4A, RDX	Increasing	ND	ND	Decreasing	ND	Decreasing	Decreasing	ND	NT	Decreasing	ND	N/A
PTX06-1008	Long-term decreasing trend	DCA12	ND	ND	ND	ND	ND	Decreasing	Decreasing	ND	Decreasing	N/A	Increasing	Increasing
PTX06-1010	Long-term decreasing trend	CR, CR-6	Decreasing	N/A	ND	ND	ND	NT	Increasing	No Trend	Decreasing	ND	No Trend	Increasing
PTX06-1011	Stable or decreasing trend below GWPS	TCE	No Trend	ND	N/A	ND	N/A	Decreasing	No Trend	Decreasing	Increasing	Decreasing	Increasing	Increasing
PTX06-1050	Long-term stabilization of concentrations	RDX, TNX, DNT4A	No Trend	ND	ND	ND	ND	NT	ND	ND	NT	NT	ND	ND
PTX06-1053	Stable or decreasing trend below GWPS	NONE	Decreasing	ND	ND	ND	ND	N/A	ND	ND	Decreasing	N/A	ND	ND
PTX06-1073A*	Long-term stabilization of concentrations	NONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PTX06-1077A	Stable or decreasing trend below GWPS	TCE	Decreasing	ND	ND	ND	ND	Decreasing	Decreasing	N/A	NT	N/A	ND	N/A
PTX06-1088	Long-term stabilization of concentrations	RDX, TCE	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	NT	Decreasing	No Trend	Decreasing	No Trend	No Trend	Increasing
PTX06-1095A	Long-term stabilization of concentrations	RDX, TCE, DCA12	Decreasing	Increasing	N/A	No Trend	Increasing	NT	No Trend	Increasing	Increasing	Decreasing	Increasing	Increasing
PTX07-1O01	Long-term decreasing trend	NONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PTX07-1O02	Long-term decreasing trend	NONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PTX07-1O03	Long-term decreasing trend	RDX	Increasing	ND	ND	ND	ND	NT	Increasing	ND	NT	NT	ND	ND
PTX07-1P02	Stable or decreasing trend below GWPS	RDX, TNX	Increasing	ND	ND	ND	ND	N/A	ND	ND	NT	Decreasing	ND	ND
PTX07-1P05	Stable or decreasing trend below GWPS	NONE	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
PTX08-1001	Long-term stabilization of concentrations	RDX	No Trend	ND	ND	ND	ND	Decreasing	ND	ND	NT	N/A	ND	ND

PTX08-1002	Long-term stabilization of concentrations	RDX	Decreasing	Decreasing	Decreasing	N/A	**Increasing**	NT	ND	ND	Decreasing	NT	ND	ND
PTX08-1005	Long-term decreasing trend	NONE	Decreasing	ND	ND	ND	ND	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing	Decreasing
PTX08-1006	Long-term decreasing trend	RDX, TCE, DNT2A	Decreasing	ND	ND	Decreasing	N/A	Decreasing	**Increasing**	Decreasing	NT	Decreasing	Decreasing	Decreasing
PTX08-1007	Long-term decreasing trend	RDX, DCA12, DIOXANE14, TCE	Decreasing	ND	ND	ND	ND	**Increasing**	Decreasing	Decreasing	Decreasing	**Probably Increasing**	**Increasing**	**Increasing**
PTX08-1008	Long-term stabilization of concentrations	DNT4A, PERC, DCA12, PCE, TCE, RDX, DIOXANE14	N/A	ND	ND	ND	ND	**Increasing**	**Increasing**	**Increasing**	Decreasing	**Increasing**	No Trend	**Increasing**
PTX08-1009	Long-term stabilization of concentrations	NONE	Decreasing	ND	ND	ND	N/A	Decreasing	N/A	ND	No Trend	NT	ND	No Trend
PTX10-1014	Long-term decreasing trend	TCE, RDX	Stable	ND	ND	ND	ND	No Trend	Decreasing	Decreasing	Decreasing	Decreasing	ND	Decreasing

Dry* - water level measured in sump
N/A = not enough detections
ND = non-detect
NT = not tested

[a]DNT24 = 2,4-Dinitrotoluene
[b]DNT26 = 2,6-Dinitrotoluene
[c]TNB135 = 1,3,5-Trinitrobenzene
[d]PERC = Perchlorate
[e]PCE = Tetracloroethene
[f]DIOXANE14 = 1,4-Dioxane
[g]DCA12 = 1,2-Dichlorethene
[h]TCLME = Chloroform

Table D-5. Group 2 Well Detections of Non-Indicator Parameters

Well ID	Sample ID	Sample Date	Sample Type	Analyte	Measured Value (ug or pCi/L)	Detection Limit (ug/L)	Lab Qualifier	PTX Qualifier	Background (ug or pCi/L)	>Background?	PQL (ug/L)	>PQL?	GWPS (ug or pCi/L)	>GWPS?	Expected Condition?	Explanation
PTX06-1010	20210512M00128	5/12/2021	N	Nickel	17.4	2			15	Y	2	NA	730	N	N	Likely screen corrosion.
PTX06-1095A	20210510M00122	5/10/2021	N	Manganese	23.7	5			16	Y	5	NA	1715.5	N	Y	Released from aquifer sediments because of reducing conditions in upgradient treatment zone.
PTX06-1095A	20211103M00283	11/3/2021	N	Manganese	124	5			16	Y	5	NA	1715.5	N	Y	Released from aquifer sediments because of reducing conditions in upgradient treatment zone.
PTX06-1095A	20211103M00283	11/3/2021	N	Nickel	21.1	2			15	Y	2	NA	730	N	N	Likely screen corrosion.
PTX10-1014	20210818M00219	8/18/2021	N	Nickel	148	2			15	Y	2	NA	730	N	N	Likely screen corrosion.
PTX10-1014	20210818M00220	8/18/2021	D	Nickel	140	2			15	Y	2	NA	730	N	N	Duplicate of Sample 20210818M00219.
PTX10-1014	20210818M00219	8/18/2021	N	Uranium-238	3.1				2.7	Y			30	N	N	This concentration likely represents natural variability in background.
PTX10-1014	20210818M00220	8/18/2021	D	Uranium-238	3.39				2.7	Y			30	N	N	Duplicate of 20210818M00219.

Appendix E

Water Level Trends and Hydrographs Expected Conditions Evaluation and Analyte Concentration Trends

Perched Aquifer Water Level Expected Conditions, Trends, and Hydrographs

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Perched Water Level Trending Results Vs. Expected Conditions

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	Historic WL Trend	Recent WL Trend
Zone 11	1114-MW4	UM	Trend/Compare to GWPS			
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	Decreasing
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS			
Burning Ground	PTX01-1002	UM	Compare to GWPS			
Burning Ground	PTX01-1004	PS	Dry	Remain dry	Dry	Dry
Burning Ground	PTX01-1008	UM	Compare to GWPS			
Burning Ground	PTX01-1009	PS	Dry	Remain dry	Increasing	Increasing
Miscellaneous	PTX04-1001	UM	Trend/Compare to GWPS			
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS			
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS			
Southeast	PTX06-1010	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS			
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS			
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS			
Southeast	PTX06-1036	PS	Trend/Compare to GWPS			
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1045	RAE	Water Level Trend/Compare to GWPS	Limited Water	Increasing	Increasing
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	No Trend
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS			
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS			
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Increasing
Southeast	PTX06-1051	PS	Dry	Remain dry	Increasing	No Trend
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS			
Southeast	PTX06-1069	PS	Trend/Compare to GWPS			
Miscellaneous	PTX06-1071	UM	Compare to GWPS			
Zone 11	PTX06-1073A	UM	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Dry
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS			
Miscellaneous	PTX06-1080	UM	Compare to GWPS			
Miscellaneous	PTX06-1081	UM	Trend/Compare to GWPS			
Miscellaneous	PTX06-1082	UM	Compare to GWPS			
Miscellaneous	PTX06-1083	UM	Trend/Compare to GWPS			

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	Historic WL Trend	Recent WL Trend
Miscellaneous	PTX06-1085	UM	Compare to GWPS			
Miscellaneous	PTX06-1086	UM	Compare to GWPS			
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1089	PS	Dry	Remain dry	No Trend	No Trend
Southeast	PTX06-1090	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1091	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1093	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Miscellaneous	PTX06-1097	PS, UM	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1100	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS		Decreasing	No Trend
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Dry
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Limited Water	Decreasing	Increasing
Southeast	PTX06-1121	PS	Dry	Remain dry	Decreasing	Increasing
Southeast	PTX06-1122	PS	Dry	Remain dry	Dry	Dry
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1125	PS	Dry	Remain dry	Dry	Dry
Zone 11	PTX06-1126	PS, UM	Trend/Compare to GWPS			
Zone 11	PTX06-1127	PS, UM	Trend/Compare to GWPS			
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Dry
Miscellaneous	PTX06-1131	UM	Compare to GWPS			
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Limited Water	Increasing	Decreasing
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS			
Southeast	PTX06-1135	PS	Trend/Compare to GWPS			
North	PTX06-1136	PS	Trend/Compare to GWPS			
Southeast	PTX06-1146	PS	Trend/Compare to GWPS			
Southeast	PTX06-1147	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS			
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS			
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS			
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Limited Water	Dry	Dry
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS			
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS			
Southeast	PTX06-1166	PS	Trend/Compare to GWPS			
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS			
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS			
North	PTX07-1O06	PS, UM, RAE	Trend/Compare to GWPS			
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS			
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS			
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS			

Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	WL Expected Condition - LTM Design	Historic WL Trend	Recent WL Trend
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS			
Miscellaneous	PTX07-1Q03	UM	Compare to GWPS			
Miscellaneous	PTX07-1R03	UM	Compare to GWPS			
Southeast	PTX08-1001	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	Increasing
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Increasing	Increasing
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS			
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS			
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Decreasing water levels	Decreasing	Decreasing
Miscellaneous	PTX08-1010	UM	Trend/Compare to GWPS			
Southeast, Zone 11	PTX10-1014	UM	Trend/Compare to GWPS			
Southeast	PTX06-1184	PS	Dry	Remain dry	Decreasing	Decreasing
Southeast	PTX06-1193	PS	Dry	Remain dry	Decreasing	No Trend

UM = Uncertainty management

PS = Plume stability

RAE = Response action effectiveness

Dry* - water level measured in sump

Historic Trend = Since start of remedial action

Recent Trend = Last 4 measurements

Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
1114-MW4	636151.93	3757809.40	83	-0.01	No Trend	0.54	6	-0.09	No Trend	-0.2	47	-0.22	Decreasing	-2.55	18	-0.05	No Trend	-0.3
OW-WR-38	640649.01	3765214.16	103	-0.54	Decreasing	-4.95	7	-0.65	Decreasing	-0.9	39	0.34	Increasing	3.94	17	1.84	Increasing	7.4
OW-WR-45	639452.38	3759812.49	56	-0.38	Decreasing	-4.66	4	1.17	Increasing	1.7	25	-0.25	Decreasing	-2.47	10	0.92	Increasing	4
PTX01-1001	630592.95	3769641.90	109	0.40	Increasing	10.5	6	0.77	Increasing	1.2	48	0.32	Increasing	4.85	18	0.89	Increasing	4.2
PTX01-1004	630729.82	3770768.71	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX01-1006	631056.66	3770526.50	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX01-1007	630918.03	3771315.45	4	0.01	No Trend	0	2	-0.20	Decreasing	-0.1	4	0.01	No Trend	0	3	-0.04	No Trend	-0.1
PTX01-1008	629942.97	3770782.89	79	0.14	Increasing	2.92	6	0.60	Increasing	1	49	0.38	Increasing	3.54	18	0.32	Increasing	1.5
PTX01-1009	630594.67	3769018.50	6	0.89	Increasing	2.9	4	0.74	Increasing	1.1	6	0.89	Increasing	2.9	6	0.89	Increasing	2.9
PTX01-1014A	629343.00	3769206.80	7	-0.02	No Trend	-0.13	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX04-1001	641458.10	3772334.66	50	-0.03	No Trend	0.43	0	0.00	N/A (No Measurements)	-999	27	0.05	No Trend	0.34	9	0.19	Increasing	0.5
PTX04-1002	641818.01	3772165.27	73	-0.01	No Trend	0.44	5	0.00	No Trend	0	36	0.07	No Trend	0.38	14	0.14	Increasing	0.5
PTX06-1002A	641161.56	3759984.00	83	-0.55	Decreasing	-7.39	6	1.00	Increasing	1.9	49	-0.45	Decreasing	-4.34	19	0.71	Increasing	3.3
PTX06-1003	641498.93	3758711.05	58	-0.43	Decreasing	-6.63	4	0.26	Increasing	0	29	-0.46	Decreasing	-5.65	10	-0.11	Decreasing	0
PTX06-1005	640545.44	3756139.87	86	-0.49	Decreasing	-9.59	8	-0.87	Decreasing	-1.3	52	-0.69	Decreasing	-7.56	21	0.00	No Trend	-0.3
PTX06-1006	637450.19	3757599.75	64	-0.09	No Trend	-0.99	6	-0.35	Decreasing	-0.3	37	-0.27	Decreasing	-2.99	14	0.04	No Trend	-0.1
PTX06-1007	637679.37	3759513.00	65	-0.13	Decreasing	-0.91	6	0.19	Increasing	0.3	38	-0.30	Decreasing	-3.46	15	0.11	Increasing	0.4
PTX06-1008	639441.93	3759325.25	62	-0.33	Decreasing	-3.56	6	0.53	Increasing	0.7	38	-0.19	Decreasing	-2.62	15	0.46	Increasing	2
PTX06-1009	639878.05	3758698.67	29	-0.12	Decreasing	-0.75	4	0.00	No Trend	0	16	-0.06	No Trend	-0.79	8	-0.02	No Trend	0
PTX06-1010	639886.62	3758067.00	76	0.18	Increasing	4.75	6	-0.02	No Trend	-0.1	48	-0.02	No Trend	0.09	17	-0.24	Decreasing	-1.1
PTX06-1011	639178.93	3757219.75	67	-0.28	Decreasing	-4.69	6	-0.48	Decreasing	-0.7	39	-0.42	Decreasing	-4.78	16	0.06	No Trend	0
PTX06-1012	634640.91	3755068.80	109	0.16	Increasing	4.27	8	0.07	No Trend	0.01	69	0.10	No Trend	1.94	27	0.12	Increasing	0.47
PTX06-1013	643710.38	3764075.09	76	-0.10	No Trend	0.17	6	0.23	Increasing	0.3	42	-0.13	Decreasing	-1.17	15	0.07	No Trend	0.3
PTX06-1014	643758.88	3755125.71	71	-0.38	Decreasing	-6.43	6	-0.20	Decreasing	-0.3	38	-0.44	Decreasing	-4.45	15	0.06	No Trend	-0.2
PTX06-1015	643765.00	3753617.00	89	-0.24	Decreasing	-5.55	6	-0.03	No Trend	0	49	-0.58	Decreasing	-6.29	19	-0.92	Decreasing	-3.7
PTX06-1017	643757.50	3755165.80	36	-0.43	Decreasing	-6.8	4	-0.24	Decreasing	-0.3	23	-0.42	Decreasing	-4.59	8	0.11	Increasing	0.1
PTX06-1023	642773.84	3764603.10	84	-0.26	Decreasing	-4.56	6	0.24	Increasing	0.5	49	-0.22	Decreasing	-2.18	18	0.03	No Trend	0
PTX06-1030	644670.42	3755008.03	75	-0.35	Decreasing	-11.08	0	0.00	N/A (No Measurements)	-999	36	-0.77	Decreasing	-9.75	5	-7.27	Decreasing	-5.8
PTX06-1031	644674.92	3753348.03	91	-0.23	Decreasing	-4.87	9	-0.39	Decreasing	-0.5	52	-0.51	Decreasing	-5.65	22	-0.55	Decreasing	-2.4
PTX06-1034	646555.62	3752434.98	89	-0.03	No Trend	-0.34	8	-0.20	Decreasing	-0.2	53	-0.15	Decreasing	-1.82	21	-0.17	Decreasing	-0.7
PTX06-1035	633027.45	3755092.64	84	0.26	Increasing	7.94	8	0.12	Increasing	0.3	51	0.21	Increasing	2.64	21	0.26	Increasing	1.1
PTX06-1036	638615.43	3752455.56	69	-0.19	Decreasing	-2.47	4	0.00	No Trend	0	35	-0.34	Decreasing	-3.23	13	0.02	No Trend	0.4
PTX06-1037	641549.25	3752194.06	94	-0.05	No Trend	0.24	8	0.13	Increasing	0.29	68	-0.20	Decreasing	-1.18	26	0.10	Increasing	0.1
PTX06-1038	643802.04	3760426.35	88	-0.40	Decreasing	-6.85	7	0.34	Increasing	0.7	53	-0.37	Decreasing	-4.1	19	0.09	No Trend	0.5
PTX06-1039A	643807.47	3759272.56	82	-0.70	Decreasing	-11.43	6	0.10	Increasing	0.2	52	-0.70	Decreasing	-7.85	18	-0.07	No Trend	0.3
PTX06-1040	643811.23	3758262.93	89	-0.94	Decreasing	-17.24	8	-2.11	Decreasing	-3.1	53	-1.02	Decreasing	-14.55	20	-0.42	Decreasing	-2.1
PTX06-1041	643803.61	3757622.78	82	-0.95	Decreasing	-17.04	8	-2.24	Decreasing	-3.3	53	-0.92	Decreasing	-12.8	20	-0.40	Decreasing	-2
PTX06-1042	643812.20	3755779.88	85	-0.56	Decreasing	-9.06	8	-0.24	Decreasing	0.3	51	-0.59	Decreasing	-7.06	20	-0.03	No Trend	-0.6
PTX06-1045	642697.65	3752300.00	50	0.12	Increasing	3.69	6	0.30	Increasing	0.95	23	0.33	Increasing	3.85	14	1.17	Increasing	4.4
PTX06-1046	643802.63	3752292.55	86	-0.15	Decreasing	-0.63	8	0.27	Increasing	0.4	52	-0.26	Decreasing	-1.65	20	0.47	Increasing	1.3
PTX06-1047A	643817.46	3752004.39	80	-0.13	Decreasing	-0.5	8	0.09	No Trend	0.2	51	-0.24	Decreasing	-1.49	19	0.73	Increasing	1.5
PTX06-1048A	642103.43	3766957.63	69	-0.17	Decreasing	-2.32	6	0.45	Increasing	0.6	38	-0.07	No Trend	-0.5	15	0.31	Increasing	1.2
PTX06-1049	633343.53	3763376.96	72	0.16	Increasing	5.09	7	-0.06	No Trend	0	49	-0.11	Decreasing	-0.79	19	-0.07	No Trend	-0.3
PTX06-1050	636746.04	3766622.06	74	-0.41	Decreasing	-4.62	6	1.16	Increasing	2.2	48	-0.21	Decreasing	-0.98	18	1.01	Increasing	4.2
PTX06-1051	640325.13	3752259.66	11	0.18	Increasing	2	3	0.00	No Trend	0	11	0.18	Increasing	2	9	-0.02	No Trend	-0.1
PTX06-1052	639100.91	3753957.66	85	-0.29	Decreasing	-4.15	8	-0.19	Decreasing	0	51	-0.26	Decreasing	-2.91	20	0.10	No Trend	-0.6
PTX06-1053	636576.74	3753672.06	81	-0.07	No Trend	-0.82	6	0.00	No Trend	0	48	-0.11	Decreasing	-1.47	18	-0.18	Decreasing	-0.7
PTX06-1055	633521.90	3767254.87	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1069	646317.00	3762879.60	68	0.01	No Trend	-0.02	6	-0.52	Decreasing	-1.1	37	0.01	No Trend	-0.35	15	-0.10	Decreasing	-0.4
PTX06-1071	642605.58	3773227.97	48	-0.06	No Trend	-0.19	5	0.08	No Trend	0.1	28	0.03	No Trend	0.1	11	0.15	Increasing	0.6
PTX06-1073A	634963.34	3758072.00	33	-0.27	Decreasing	-3.88	0	0.00	N/A (No Measurements)	-999	24	-0.25	Decreasing	-0.6	5	-0.50	Decreasing	-0.3
PTX06-1077A	637201.80	3760689.50	61	-0.23	Decreasing	-2.23	6	0.56	Increasing	0.7	39	-0.29	Decreasing	-2.81	15	0.22	Increasing	0.7
PTX06-1078	641970.98	3769605.98	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1079	639813.24	3770913.67	9	0.71	Increasing	0.2	4	-0.02	No Trend	-0.1	9	0.71	Increasing	0.2	9	0.71	Increasing	0.2
PTX06-1080	638901.00	3772643.95	56	-0.34	Decreasing	-4.19	4	0.47	Increasing	0.6	27	-0.44	Decreasing	-4.19	10	0.02	No Trend	0.1
PTX06-1081	641222.41	3770912.33	64	0.23	Increasing	3.03	4	-0.51	Decreasing	-0.8	35	0.37	Increasing	1.94	13	0.12	Increasing	0.3
PTX06-1082	653856.27	3780321.59	51	-0.10	No Trend	-2.54	5	-0.30	Decreasing	-0.1	30	0.05	No Trend	0.15	11	-0.14	Decreasing	-0.8
PTX06-1083	658643.46	3779777.76	51	-0.26	Decreasing	-3.69	5	0.30	Increasing	0.4	30	-0.12	Decreasing	-1.35	11	0.15	Increasing	0.7
PTX06-1084	659419.37	3782470.36	31	0.71	Increasing	10.57	4	1.45	Increasing	2	20	1.47	Increasing	15.12	10	0.95	Increasing	5.3
PTX06-1085	629059.82	3760418.31	55	0.51	Increasing	7.45	5	-0.50	Decreasing	-0.6	38	0.53	Increasing	5.05	15	-0.07	No Trend	-0.4
PTX06-1086	631411.81	3759843.32	59	0.43	Increasing	8.26	5	-0.45	Decreasing	-0.51	38	0.41	Increasing	4.01	15	0.07	No Trend	0.99
PTX06-1087	630732.20	3762042.29	42	0.60	Increasing	8.08	4	-1.14	Decreasing	-1.5	25	0.64	Increasing	5.98	10	-0.34	Decreasing	-0.3
PTX06-1088	639902.10	3757059.42	74	-0.61	Decreasing	-9.29	8	-0.91	Decreasing	-1	50	-0.57	Decreasing	-6.64	20	0.01	No Trend	0.3
PTX06-1089	646637.32	3760258.95	20	0.00	No Trend	-0.1	3	0.00	No Trend	0	20	0.00	No Trend	-0.1	9	0.00	No Trend	0
PTX06-1090	647727.51	3757684.39	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1091	646554.01	3756363.40	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1093	645529.01	3759922.32	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1094	643813.77	3751494.55	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1095A	640634.87	3755598.65	62	-0.66	Decreasing	-9.3	8	-1.12	Decreasing	-1.5	51	-0.61	Decreasing	-7.3	20	-0.14	Decreasing	-0.5
PTX06-1096A	630823.57	3766548.35	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1097	633104.35	3765068.63	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1098	640266.14	3753628.43	47	-0.24	Decreasing	-3.43	5	0.07	No Trend	0.29	46	-0.23	Decreasing	-1.33	17	0.18	Increasing	0.17
PTX06-1100	640285.97	3753579.52	42	-0.28	Decreasing	-3.98	6	-0.03	No Trend	0.02	38	-0.26	Decreasing	-2.04	15	0.06	No Trend	-0.17
PTX06-1101	640383.57	3753437.09	39	-0.26	Decreasing	-3.57	6	0.03	No Trend	0.19	38	-0.25	Decreasing	-1.86	15	0.05	No Trend	-0.16

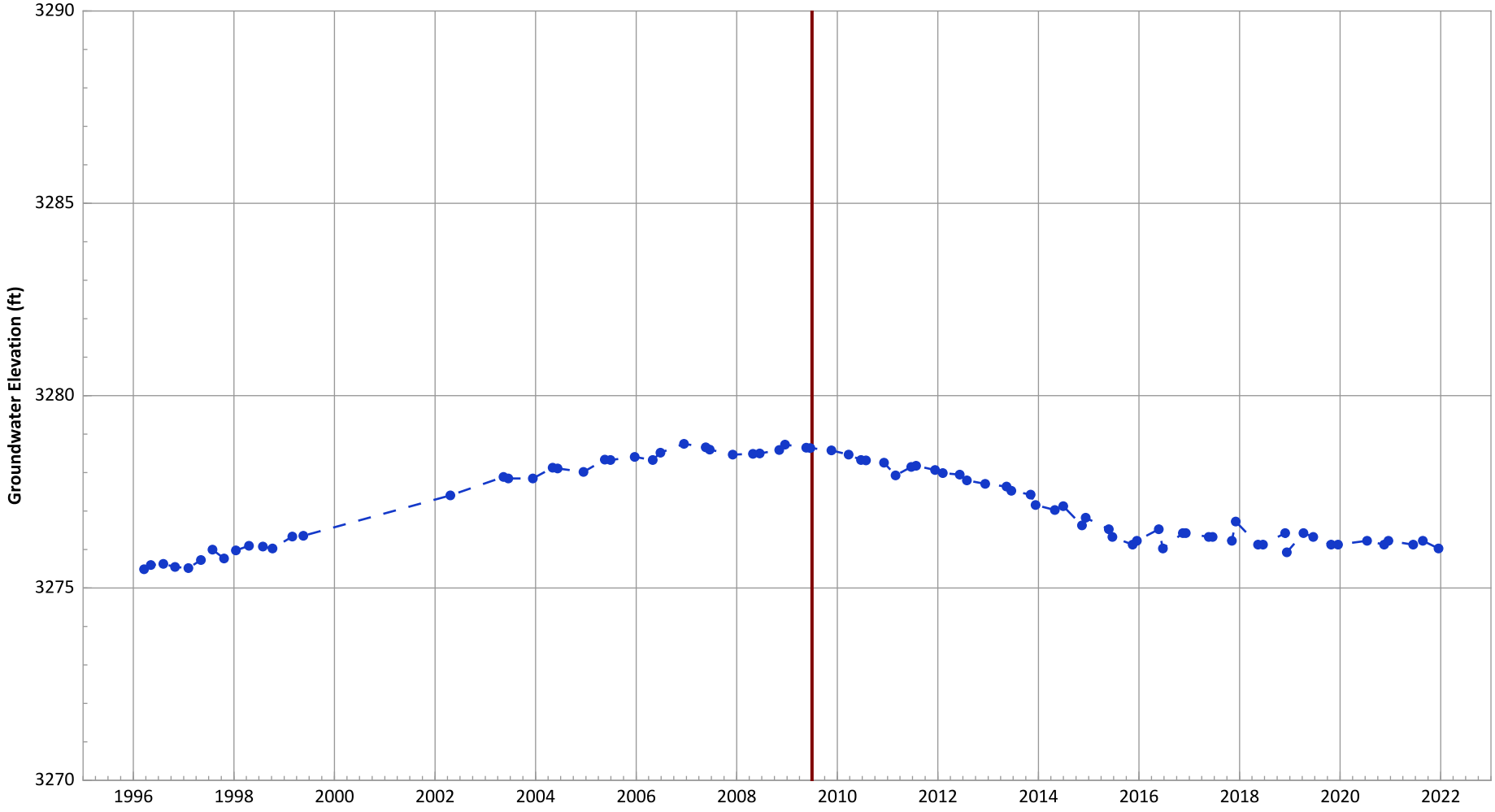
PTX06-1102	642751.09	3754532.94	50	-0.69	Decreasing	-10.14	2	-0.14	Decreasing	-0.2	30	-0.87	Decreasing	-8.59	7	-0.09	No Trend	-0.4
PTX06-1103	641222.64	3752963.37	9	-7.90	Decreasing	-22.6	0	0.00	N/A (No Measurements)	-999	3	-27.43	Decreasing	-10.19	0	0.00	N/A (No Measurements)	-999
PTX06-1109	640749.00	3763102.00	30	-0.12	Decreasing	-0.44	4	1.43	Increasing	2	25	0.55	Increasing	6.01	10	3.30	Increasing	14.2
PTX06-1110	640699.00	3763001.00	30	-0.12	Decreasing	-1.18	4	1.73	Increasing	2.5	25	0.60	Increasing	6.54	10	3.40	Increasing	14.7
PTX06-1112	638235.00	3765426.00	30	0.22	Increasing	1.25	4	-0.70	Decreasing	-1.4	25	0.69	Increasing	3.74	10	1.92	Increasing	11.3
PTX06-1113	638140.00	3765401.00	30	0.22	Increasing	0.84	4	-0.94	Decreasing	-1.7	25	0.72	Increasing	4.04	10	2.11	Increasing	11.9
PTX06-1115	638225.00	3763257.00	30	-0.12	Decreasing	1.72	4	0.52	Increasing	0.65	25	0.27	Increasing	3.37	10	2.43	Increasing	10.4
PTX06-1116	638158.00	3763190.00	30	-0.17	Decreasing	0.89	4	0.67	Increasing	0.9	25	0.21	Increasing	2.75	10	2.40	Increasing	9.8
PTX06-1117	638183.43	3763280.80	29	-0.19	Decreasing	-1.55	3	-0.21	Decreasing	-0.2	24	0.23	Increasing	2.36	10	2.70	Increasing	6
PTX06-1118	641644.92	3752736.07	33	-0.39	Decreasing	-4.81	1	0.00	N/A (<3 Measurements)	0	25	-0.10	No Trend	-2.08	1	0.00	N/A (<3 Measurements)	0
PTX06-1119	642646.10	3752739.01	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1120	643152.43	3752735.03	47	-0.29	Decreasing	-1.78	6	0.17	Increasing	0.3	44	-0.29	Decreasing	-1.52	16	0.49	Increasing	1
PTX06-1121	643645.57	3752750.09	35	-0.21	Decreasing	-1.85	3	0.20	Increasing	0.2	32	-0.19	Decreasing	-1.61	3	0.20	Increasing	0.2
PTX06-1122	640677.35	3752308.74	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1123	642051.96	3752319.94	78	-0.21	Decreasing	-3.2	8	-0.07	No Trend	0	70	-0.23	Decreasing	-1.69	25	0.10	Increasing	0.06
PTX06-1125	643377.53	3752331.14	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1126	635034.72	3755562.85	64	0.05	No Trend	0.59	9	-0.13	Decreasing	0.1	54	0.05	No Trend	0.37	22	-0.05	No Trend	0
PTX06-1127	635901.90	3755432.03	61	-0.05	No Trend	-0.58	8	0.08	No Trend	0.1	51	-0.04	No Trend	-0.71	21	-0.02	No Trend	0.1
PTX06-1128	641330.75	3763667.42	34	-0.10	Decreasing	1.09	5	0.86	Increasing	1.3	29	0.27	Increasing	3.77	14	2.62	Increasing	9.6
PTX06-1129	641514.86	3762986.22	30	-0.29	Decreasing	-1.66	4	1.98	Increasing	2.5	25	0.14	Increasing	2.8	10	1.93	Increasing	6.8
PTX06-1130	644270.36	3759745.02	26	-1.74	Decreasing	-18.86	0	0.00	N/A (No Measurements)	-999	24	-1.82	Decreasing	-17.79	0	0.00	N/A (No Measurements)	-999
PTX06-1131	629371.68	3754232.91	45	0.31	Increasing	3.73	6	0.25	Increasing	0.4	43	0.31	Increasing	3.56	15	0.24	Increasing	1
PTX06-1133A	645287.37	3751315.73	42	0.11	Increasing	-3.56	8	-2.09	Decreasing	-3.5	42	0.11	Increasing	-3.56	20	-0.28	Decreasing	-2.7
PTX06-1134	633520.06	3754409.17	52	0.17	Increasing	1.86	8	0.06	No Trend	0	51	0.17	Increasing	2.06	21	0.17	Increasing	0.7
PTX06-1135	638343.76	3753631.93	39	-0.22	Decreasing	-2.66	3	-0.10	Decreasing	-0.1	37	-0.20	Decreasing	-2.22	7	0.02	No Trend	-0.1
PTX06-1136	634860.83	3766771.76	29	-2.80	Decreasing	-16.82	0	0.00	N/A (No Measurements)	-999	27	-2.99	Decreasing	-16.74	0	0.00	N/A (No Measurements)	-999
PTX06-1146	645978.91	3757691.87	53	-0.74	Decreasing	-8.85	8	-0.57	Decreasing	-0.9	51	-0.74	Decreasing	-8.78	21	-0.65	Decreasing	-3.2
PTX06-1147	645431.85	3753953.21	53	-0.49	Decreasing	-6.1	8	-0.54	Decreasing	-0.5	51	-0.50	Decreasing	-6.06	21	-0.73	Decreasing	-2.9
PTX06-1148	636467.02	3754719.67	65	-0.12	Decreasing	-1.64	8	0.04	No Trend	0.09	64	-0.11	Decreasing	-1.29	28	-0.02	No Trend	-0.16
PTX06-1149	635864.13	3754717.64	63	-0.04	No Trend	-0.77	8	0.10	No Trend	0.09	62	-0.03	No Trend	-0.43	27	0.00	No Trend	0
PTX06-1150	635233.98	3754718.24	63	0.04	No Trend	0.11	8	0.03	No Trend	0	62	0.04	No Trend	0.44	26	0.05	No Trend	0.17
PTX06-1151	633935.95	3756123.62	56	0.20	Increasing	2.52	8	0.17	Increasing	0.4	53	0.21	Increasing	2.51	21	0.20	Increasing	0.9
PTX06-1153	641184.13	3752089.44	81	-0.22	Decreasing	-1.6	8	0.22	Increasing	0.5	81	-0.22	Decreasing	-1.6	37	0.04	No Trend	-0.05
PTX06-1154	641870.52	3752278.90	72	-0.20	Decreasing	-1.57	9	0.01	No Trend	0.09	72	-0.20	Decreasing	-1.57	27	0.10	Increasing	0.01
PTX06-1155	634603.74	3755215.62	71	0.10	No Trend	1.4	8	0.05	No Trend	0	71	0.10	No Trend	1.4	27	0.12	Increasing	0.45
PTX06-1156	636378.92	3755076.47	71	-0.12	Decreasing	-0.95	8	0.11	Increasing	0.06	71	-0.12	Decreasing	-0.95	27	0.01	No Trend	-0.01
PTX06-1158	648137.99	3752025.93	2	0.00	N/A (<3 Measurements)	-0.1	2	0.00	N/A (<3 Measurements)	-0.1	2	0.00	N/A (<3 Measurements)	-0.1	2	0.00	N/A (<3 Measurements)	-0.1
PTX06-1159	634015.04	3754843.47	37	0.16	Increasing	1.27	8	0.03	No Trend	0.2	37	0.16	Increasing	1.27	20	0.18	Increasing	0.8
PTX06-1160	632835.73	3756274.13	38	0.30	Increasing	2.28	8	0.21	Increasing	0.5	38	0.30	Increasing	2.28	21	0.34	Increasing	1.6
PTX06-1162	635229.63	3756305.08	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1164	633987.48	3755722.37	53	0.17	Increasing	1.4	9	0.07	No Trend	0.38	53	0.17	Increasing	1.4	43	0.17	Increasing	0.78
PTX06-1166	639750.34	3752799.74	35	-0.21	Decreasing	-2.31	6	-0.11	Decreasing	-0.2	35	-0.21	Decreasing	-2.31	18	-0.10	No Trend	-0.7
PTX06-1167	640913.72	3752653.00	2	0.00	N/A (<3 Measurements)	-0.1	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.1	0	0.00	N/A (No Measurements)	-999
PTX06-1168	642128.78	3755035.31	13	-0.02	No Trend	-1.5	4	-0.95	Decreasing	-1.3	13	-0.02	No Trend	-1.5	10	0.00	No Trend	-0.7
PTX06-1169	634889.61	3755241.66	14	0.04	No Trend	0.28	8	0.05	No Trend	0.14	14	0.04	No Trend	0.28	10	0.06	No Trend	0.38
PTX06-1170	634569.69	3755442.71	42	0.10	No Trend	1.01	8	-0.01	No Trend	0.02	42	0.10	No Trend	1.01	28	0.11	Increasing	0.55
PTX06-1171	634373.95	3755715.08	20	0.09	No Trend	1	6	0.05	No Trend	0.1	20	0.09	No Trend	1	15	0.09	No Trend	0.3
PTX06-1172	634098.63	3755837.77	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1173	634197.62	3755312.40	27	0.18	Increasing	0.71	8	0.12	Increasing	0.26	27	0.18	Increasing	0.71	26	0.19	Increasing	0.8
PTX06-1174	633904.63	3755489.15	27	0.24	Increasing	0.97	8	0.17	Increasing	0.37	27	0.24	Increasing	0.97	26	0.25	Increasing	1.01
PTX06-1175	633416.97	3755651.06	28	0.30	Increasing	1.38	8	0.28	Increasing	0.52	28	0.30	Increasing	1.38	27	0.31	Increasing	1.27
PTX06-1176	634114.06	3755500.53	51	0.20	Increasing	1.4	8	0.02	No Trend	0.19	51	0.20	Increasing	1.4	42	0.16	Increasing	0.89
PTX06-1177	633524.62	3755818.55	52	0.28	Increasing	1.91	9	0.16	Increasing	0.57	52	0.28	Increasing	1.91	43	0.27	Increasing	1.12
PTX06-1180	633474.07	3756487.93	19	0.31	Increasing	2	8	0.25	Increasing	0.6	19	0.31	Increasing	2	18	0.29	Increasing	1.7
PTX06-1181	633357.69	3756752.68	18	0.27	Increasing	1.5	8	0.25	Increasing	0.6	18	0.27	Increasing	1.5	17	0.27	Increasing	1.3
PTX06-1182	647140.17	3751088.49	24	0.02	No Trend	-0.2	9	-0.32	Decreasing	-0.4	24	0.02	No Trend	-0.2	22	0.02	No Trend	-0.2
PTX06-1183	639765.77	3753350.43	21	0.01	No Trend	-0.6	8	-0.30	Decreasing	-0.4	21	0.01	No Trend	-0.6	20	0.04	No Trend	-0.2
PTX06-1184	646625.06	3750638.25	9	-0.11	Decreasing	-0.4	4	-0.71	Decreasing	-1	9	-0.11	Decreasing	-0.4	9	-0.11	Decreasing	-0.4
PTX06-1185	647878.41	3751139.83	18	-0.06	No Trend	0.3	8	0.04	No Trend	0.2	18	-0.06	No Trend	0.3	18	-0.06	No Trend	0.3
PTX06-1188	640691.28	3752340.04	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1189	640322.51	3752711.44	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-1190	648281.31	3751439.52	18	0.14	Increasing	0.5	9	0.06	No Trend	0.3	18	0.14	Increasing	0.5	18	0.14	Increasing	0.5
PTX06-1191	648996.85	3750720.88	16	0.09	No Trend	0.46	8	0.12	Increasing	0.29	16	0.09	No Trend	0.46	16	0.09	No Trend	0.46
PTX06-1192	649119.32	3749893.14	16	0.09	No Trend	0.8	8	0.39	Increasing	1	16	0.09	No Trend	0.8	16	0.09	No Trend	0.8
PTX06-1193	646719.13	3749346.75	5	-0.34	Decreasing	-0.3	1	0.00	No Trend	0	5	-0.34	Decreasing	-0.3	5	-0.34	Decreasing	-0.3
PTX06-1194	648355.41	3750477.77	17	0.10	Increasing	0.4	8	0.10	Increasing	0.28	17	0.10	Increasing	0.4	17	0.10	Increasing	0.4
PTX06-1195	649096.79	3751968.74	14	0.15	Increasing	0.6	6	0.17	Increasing	0.3	14	0.15	Increasing	0.6	14	0.15	Increasing	0.6
PTX06-1196	649710.26	3750989.94	15	0.12	Increasing	0.4	8	0.12	Increasing	0.27	15	0.12	Increasing	0.4	15	0.12	Increasing	0.4
PTX06-1197	649782.14	3750355.29	14	0.05	No Trend	0.3	8	0.05	No Trend	0.2	14	0.05	No Trend	0.3	14	0.05	No Trend	0.3
PTX06-1198	644481.36	3753953.55	9	-4.26	Decreasing	-11.7	4	-0.52	Decreasing	0.1	9	-4.26	Decreasing	-11.7	9	-4.26	Decreasing	-11.7
PTX06-1199	650525.52	3750905.45	14	0.07	No Trend	0.2	8	0.08	No Trend	0.3	14	0.07	No Trend	0.2	14	0.07	No Trend	0.2
PTX06-1200	651557.90	3749356.32	13	0.50	Increasing	3.5	8	0.12	Increasing	0.3	13	0.50	Increasing	3.5	13	0.50	Increasing	3.5
PTX06-1201	650585.15	3749355.48	13	0.37	Increasing	2.6	8	0.12	Increasing	0.3	13	0.37	Increasing	2.6	13	0.37	Increasing	2.6
PTX06-1202	651358.99	3750361.84	13	0.30	Increasing	2	8	0.07	No Trend	0.1	13	0.30	Increasing	2	13	0.30	Increasing	2
PTX06-1203	650588.31	3749879.41	12	0.09	No Trend	0.2	8	0.11	Increasing	0.3	12	0.09	No Trend	0.2	12	0.09	No Trend	0.2
PTX06-1204	650997.75	3749051.98	13	0.06	No Trend	0.1	8	0.20	Increasing	0.4	13	0.06	No Trend	0.1	13	0.06	No Trend	0.1

PTX06-1205	648801.56	3749894.03	6	0.00	No Trend	0.2	4	-0.10	Decreasing	-0.1	6	0.00	No Trend	0.2	6	0.00	No Trend	0.2
PTX06-1206	641510.19	3753404.52	6	-0.03	No Trend	-0.1	4	-0.13	Decreasing	-0.2	6	-0.03	No Trend	-0.1	6	-0.03	No Trend	-0.1
PTX06-1207	632958.06	3754044.99	6	-0.11	Decreasing	-0.2	6	-0.11	Decreasing	-0.2	6	-0.11	Decreasing	-0.2	6	-0.11	Decreasing	-0.2
PTX06-1208	652081.58	3749472.60	5	1.90	Increasing	2.97	5	1.90	Increasing	2.97	5	1.90	Increasing	2.97	5	1.90	Increasing	2.97
PTX06-EW-26	642722.55	3756877.62	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-36	640774.48	3754777.14	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-39	640273.91	3754277.99	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-49	642324.51	3754867.48	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-70	638141.28	3765454.51	8	-2.39	Decreasing	-2.84	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-75	640751.11	3763004.67	2	0.00	N/A (<3 Measurements)	-0.95	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-83	644782.02	3753953.69	2	0.00	N/A (<3 Measurements)	-0.7	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.7	2	0.00	N/A (<3 Measurements)	-0.7
PTX06-EW-84	645082.73	3753954.16	2	0.00	N/A (<3 Measurements)	-0.4	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	-0.4	2	0.00	N/A (<3 Measurements)	-0.4
PTX06-EW-85	645382.52	3753959.20	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-86	645482.05	3753946.07	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-87	645782.09	3753953.71	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-EW-88	646083.18	3753954.30	2	0.00	N/A (<3 Measurements)	3.1	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	3.1	2	0.00	N/A (<3 Measurements)	3.1
PTX06-ISB010	640805.43	3752335.36	9	-0.18	Decreasing	-2.2	4	0.13	Increasing	0.3	9	-0.18	Decreasing	-2.2	8	0.42	Increasing	1.17
PTX06-ISB011	640901.34	3752364.37	13	-0.38	Decreasing	-6.07	4	-0.94	Decreasing	-1.58	11	-0.38	Decreasing	-3.92	8	0.54	Increasing	0.8
PTX06-ISB012	640997.33	3752392.85	12	-0.25	Decreasing	-1.35	4	0.23	Increasing	0.4	12	-0.25	Decreasing	-1.35	8	0.87	Increasing	2.77
PTX06-ISB013	641094.48	3752437.36	11	-0.01	No Trend	-0.24	4	-0.30	Decreasing	-0.54	11	-0.01	No Trend	-0.24	9	-0.02	No Trend	-0.17
PTX06-ISB014	641188.34	3752451.45	70	-0.42	Decreasing	-3.13	4	1.02	Increasing	1.68	63	-0.48	Decreasing	-0.1	20	0.16	Increasing	2.93
PTX06-ISB015	641282.85	3752478.49	10	-0.37	Decreasing	-2.15	4	-0.09	No Trend	0.1	10	-0.37	Decreasing	-2.15	8	0.70	Increasing	2.9
PTX06-ISB016	641379.46	3752509.22	11	-0.01	No Trend	-0.45	4	-0.66	Decreasing	-0.95	10	0.00	No Trend	-0.07	8	0.00	No Trend	-0.13
PTX06-ISB017	641476.26	3752538.73	4	-1.96	Decreasing	-3	4	-1.96	Decreasing	-3	4	-1.96	Decreasing	-3	4	-1.96	Decreasing	-3
PTX06-ISB018	641570.69	3752567.95	11	-0.53	Decreasing	-7.8	4	0.02	No Trend	0.05	9	0.13	Increasing	0.49	9	0.13	Increasing	0.49
PTX06-ISB019	641666.28	3752597.62	69	-1.18	Decreasing	-3.22	4	5.02	Increasing	7.83	62	-1.25	Decreasing	-2.07	21	0.63	Increasing	7.98
PTX06-ISB020	641762.34	3752625.80	8	0.74	Increasing	0.09	4	-0.47	Decreasing	-0.06	8	0.74	Increasing	0.09	8	0.74	Increasing	0.09
PTX06-ISB021	641857.77	3752657.45	14	-0.25	Decreasing	-4.18	8	-0.53	Decreasing	-0.64	12	0.08	No Trend	-0.23	12	0.08	No Trend	-0.23
PTX06-ISB022	641955.44	3752684.48	9	1.96	Increasing	5.71	4	-0.03	No Trend	0	9	1.96	Increasing	5.71	9	1.96	Increasing	5.71
PTX06-ISB023A	642048.63	3752724.53	9	0.08	No Trend	0.63	4	0.46	Increasing	0.75	9	0.08	No Trend	0.63	9	0.08	No Trend	0.63
PTX06-ISB024	642144.65	3752737.70	38	-0.46	Decreasing	-5.63	0	0.00	N/A (No Measurements)	-999	36	-0.65	Decreasing	-5.15	10	-2.34	Decreasing	-4.1
PTX06-ISB025	642241.84	3752770.49	9	0.01	No Trend	0.07	4	0.04	No Trend	0.13	9	0.01	No Trend	0.07	9	0.01	No Trend	0.07
PTX06-ISB026	642336.93	3752798.27	11	-0.45	Decreasing	-9.07	4	0.10	No Trend	0.16	9	0.04	No Trend	0.13	9	0.04	No Trend	0.13
PTX06-ISB027	642431.36	3752828.68	9	0.02	No Trend	0.07	4	0.09	No Trend	0.17	9	0.02	No Trend	0.07	9	0.02	No Trend	0.07
PTX06-ISB028	642527.37	3752858.27	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB029A	640994.88	3752253.46	10	-0.71	Decreasing	-6.49	4	1.16	Increasing	1.77	9	-0.75	Decreasing	-6.38	8	0.35	Increasing	2.34
PTX06-ISB030B	641094.72	3752286.25	71	-0.19	Decreasing	-1.57	8	-0.16	Decreasing	-0.02	65	-0.17	Decreasing	0.78	24	0.26	Increasing	0.71
PTX06-ISB031	641176.52	3752313.22	8	-0.27	Decreasing	-4.65	4	-0.33	Decreasing	-0.45	5	-0.32	Decreasing	-3.13	4	-0.33	Decreasing	-0.45
PTX06-ISB032	641277.51	3752351.41	6	0.11	Increasing	1.8	2	0.00	No Trend	0	5	0.48	Increasing	1.4	5	0.48	Increasing	1.4
PTX06-ISB033	641370.09	3752378.35	8	0.08	No Trend	0.71	4	0.23	Increasing	0.51	8	0.08	No Trend	0.71	8	0.08	No Trend	0.71
PTX06-ISB034	641467.88	3752407.71	9	-0.05	No Trend	2.69	4	3.20	Increasing	4.99	8	0.61	Increasing	4.74	8	0.61	Increasing	4.74
PTX06-ISB035	641563.65	3752435.15	9	0.05	No Trend	1.1	4	-1.58	Decreasing	-2.2	8	0.56	Increasing	1.57	8	0.56	Increasing	1.57
PTX06-ISB036	641657.73	3752465.76	33	-0.17	Decreasing	-3.2	4	0.02	No Trend	-0.02	24	-0.19	Decreasing	-0.77	8	0.11	Increasing	0.23
PTX06-ISB037	641753.03	3752494.63	8	-0.32	Decreasing	-0.8	4	-0.52	Decreasing	-0.7	8	-0.32	Decreasing	-0.8	8	-0.32	Decreasing	-0.8
PTX06-ISB038	641850.23	3752524.17	74	-0.22	Decreasing	-3.51	8	-0.42	Decreasing	-0.51	65	-0.24	Decreasing	-1.21	24	0.01	No Trend	-0.39
PTX06-ISB039	641945.73	3752552.70	8	0.04	No Trend	-0.03	4	-0.31	Decreasing	-0.4	8	0.04	No Trend	-0.03	8	0.04	No Trend	-0.03
PTX06-ISB040	642035.47	3752578.67	9	-0.15	Decreasing	-1.93	4	0.00	No Trend	0.07	8	0.03	No Trend	0.02	8	0.03	No Trend	0.02
PTX06-ISB041	642136.52	3752608.90	8	0.06	No Trend	0.17	4	-0.16	Decreasing	-0.2	8	0.06	No Trend	0.17	8	0.06	No Trend	0.17
PTX06-ISB042	642233.39	3752640.96	73	-0.70	Decreasing	-9.85	8	-5.46	Decreasing	-6.13	65	-0.76	Decreasing	-7.24	25	0.43	Increasing	-5.72
PTX06-ISB043	642329.34	3752670.29	9	0.02	No Trend	0.1	4	0.05	No Trend	0.1	9	0.02	No Trend	0.1	9	0.02	No Trend	0.1
PTX06-ISB044A	641891.24	3752479.24	8	0.29	Increasing	0.48	4	-0.06	No Trend	-0.02	8	0.29	Increasing	0.48	8	0.29	Increasing	0.48
PTX06-ISB045	642521.05	3752726.81	10	-0.08	No Trend	2.2	4	2.97	Increasing	4.65	9	0.70	Increasing	4.81	9	0.70	Increasing	4.81
PTX06-ISB046	641939.34	3752422.69	73	-0.23	Decreasing	-1.63	8	0.09	No Trend	0.45	64	-0.28	Decreasing	-1.58	24	-0.28	Decreasing	-0.98
PTX06-ISB047	642035.50	3752450.45	8	-0.11	Decreasing	0.23	4	0.62	Increasing	1.42	8	-0.11	Decreasing	0.23	8	-0.11	Decreasing	0.23
PTX06-ISB048	642131.84	3752479.89	68	-0.09	No Trend	-1.24	7	0.79	Increasing	0.93	64	-0.13	Decreasing	2.46	23	-0.17	Decreasing	-0.57
PTX06-ISB049	642227.63	3752509.10	11	-0.56	Decreasing	-8.17	4	0.04	No Trend	0.08	9	0.02	No Trend	0.05	9	0.02	No Trend	0.05
PTX06-ISB050	642323.05	3752537.46	9	0.03	No Trend	0.08	4	0.04	No Trend	0.08	9	0.03	No Trend	0.08	9	0.03	No Trend	0.08
PTX06-ISB051	642419.78	3752567.70	1	0.00	N/A (<3 Measurements)	0	1	0.00	No Trend	0	1	0.00	N/A (<3 Measurements)	0	1	0.00	N/A (<3 Measurements)	0
PTX06-ISB055	636606.08	3755477.40	61	-0.13	Decreasing	-1.41	6	0.01	No Trend	-0.39	60	-0.13	Decreasing	-0.99	21	-0.04	No Trend	-0.64
PTX06-ISB057	636381.76	3755371.18	2	0.00	N/A (<3 Measurements)	-0.46	0	0.00	N/A (No Measurements)	-999	1	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999
PTX06-ISB058	636320.75	3755299.58	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB059	636234.22	3755246.12	62	-0.12	Decreasing	-1.82	6	-0.06	No Trend	-0.47	61	-0.12	Decreasing	-1.04	23	0.00	No Trend	-0.33
PTX06-ISB060A	636136.74	3755200.44	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB061	636085.48	3755140.80	3	-0.12	Decreasing	-1.13	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0.11	2	0.00	N/A (<3 Measurements)	0.11
PTX06-ISB063	635886.33	3755141.05	56	-0.04	No Trend	-0.49	0	0.00	N/A (No Measurements)	-999	55	-0.04	No Trend	0.28	15	-0.05	No Trend	-0.32
PTX06-ISB064	635785.77	3755140.34	7	0.17	Increasing	0.42	7	0.17	Increasing	0.42	7	0.17	Increasing	0.42	7	0.17	Increasing	0.42
PTX06-ISB065	635563.31	3755140.57	19	0.03	No Trend	-0.21	0	0.00	N/A (No Measurements)	-999	17	0.09	No Trend	-0.32	0	0.00	N/A (No Measurements)	-999
PTX06-ISB067	635364.80	3755140.76	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB068	635263.93	3755181.61	7	0.09	No Trend	0.27	7	0.09	No Trend	0.27	7	0.09	No Trend	0.27	7	0.09	No Trend	0.27
PTX06-ISB069A	635170.02	3755241.04	56	0.21	Increasing	0.53	0	0.00	N/A (No Measurements)	-999	55	0.22	Increasing	0.74	14	0.04	No Trend	0.15
PTX06-ISB071	634991.20	3755334.12	39	0.18	Increasing	4.07	0	0.00	N/A (No Measurements)	-999	38	0.23	Increasing	4.15	17	1.11	Increasing	4.55
PTX06-ISB073	634821.31	3755453.71	60	0.09	No Trend	0.96	7	0.23	Increasing	0.34	59	0.08	No Trend	0.95	22	0.00	No Trend	0.36
PTX06-ISB074	634722.57	3755411.00	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB075	634813.17	3755333.92	72	0.03	No Trend	0.62	8	-0.15	Decreasing	-0.11	71	0.03	No Trend	0.17	28	0.04	No Trend	0.27
PTX06-ISB077	634942.76	3755207.57	55	-0.01	No Trend	0.97	0	0.00	N/A (No Measurements)	-999	54	-0.01	No Trend	0.84	17	-0.29	Decreasing	0.39
PTX06-ISB078	636919.77	3755377.85	8	0.07	No Trend	-0.08	0	0.00	N/A (No Measurements)	-999	8	0.07	No Trend	-0.08	0	0.00	N/A (No Measurements)	-999

PTX06-ISB083	634632.29	3755455.37	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB084	634585.86	3755544.14	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB085A	634511.57	3755458.25	26	0.18	Increasing	0.68	0	0.00	N/A (No Measurements)	-999	26	0.18	Increasing	0.68	0	0.00	N/A (No Measurements)	-999
PTX06-ISB086	634452.91	3755531.59	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB098	633384.06	3755929.79	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999
PTX06-ISB132	633327.01	3755997.20	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB133	633258.03	3756042.56	3	0.20	Increasing	0.34	3	0.20	Increasing	0.34	3	0.20	Increasing	0.34	3	0.20	Increasing	0.34
PTX06-ISB134	633217.07	3756119.70	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB135	633150.44	3756170.97	5	0.18	Increasing	0.35	5	0.18	Increasing	0.35	5	0.18	Increasing	0.35	5	0.18	Increasing	0.35
PTX06-ISB136	633089.99	3756225.42	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB137	633029.65	3756277.60	5	0.17	Increasing	0.42	4	0.06	No Trend	0.12	5	0.17	Increasing	0.42	5	0.17	Increasing	0.42
PTX06-ISB301	647400.94	3750677.17	4	0.59	Increasing	0.57	0	0.00	N/A (No Measurements)	-999	4	0.59	Increasing	0.57	4	0.59	Increasing	0.57
PTX06-ISB302	647471.65	3750705.36	15	0.13	Increasing	0.41	9	0.07	No Trend	0.18	15	0.13	Increasing	0.41	15	0.13	Increasing	0.41
PTX06-ISB303	647541.96	3750731.23	3	0.32	Increasing	0.27	0	0.00	N/A (No Measurements)	-999	3	0.32	Increasing	0.27	3	0.32	Increasing	0.27
PTX06-ISB304	647612.02	3750757.59	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB305	647682.57	3750783.88	7	0.13	Increasing	0.5	3	-0.02	No Trend	-0.02	7	0.13	Increasing	0.5	7	0.13	Increasing	0.5
PTX06-ISB306	647753.08	3750810.07	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB307	647823.09	3750836.66	16	0.16	Increasing	0.64	8	0.21	Increasing	0.43	16	0.16	Increasing	0.64	16	0.16	Increasing	0.64
PTX06-ISB308	647894.07	3750862.53	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-ISB309	647964.07	3750888.51	3	0.30	Increasing	0.25	0	0.00	N/A (No Measurements)	-999	3	0.30	Increasing	0.25	3	0.30	Increasing	0.25
PTX06-ISB310	648034.69	3750914.87	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB311	648105.30	3750940.93	3	0.24	Increasing	0.2	0	0.00	N/A (No Measurements)	-999	3	0.24	Increasing	0.2	3	0.24	Increasing	0.2
PTX06-ISB312	648175.64	3750967.12	6	0.21	Increasing	0.83	3	0.13	Increasing	0.13	6	0.21	Increasing	0.83	6	0.21	Increasing	0.83
PTX06-ISB313	648245.97	3750993.50	3	0.42	Increasing	0.35	0	0.00	N/A (No Measurements)	-999	3	0.42	Increasing	0.35	3	0.42	Increasing	0.35
PTX06-ISB314	648316.24	3751019.54	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB315	648386.52	3751045.71	4	0.33	Increasing	0.3	0	0.00	N/A (No Measurements)	-999	4	0.33	Increasing	0.3	4	0.33	Increasing	0.3
PTX06-ISB316	648457.75	3751072.09	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB317	648527.50	3751098.16	16	0.17	Increasing	0.89	8	0.50	Increasing	1.03	16	0.17	Increasing	0.89	16	0.17	Increasing	0.89
PTX06-ISB318	648597.96	3751124.55	4	0.92	Increasing	0.57	0	0.00	N/A (No Measurements)	-999	4	0.92	Increasing	0.57	4	0.92	Increasing	0.57
PTX06-ISB319	648668.62	3751150.76	4	0.27	Increasing	0.32	0	0.00	N/A (No Measurements)	-999	4	0.27	Increasing	0.32	4	0.27	Increasing	0.32
PTX06-ISB320	648738.78	3751176.87	2	0.00	N/A (<3 Measurements)	0	0	0.00	N/A (No Measurements)	-999	2	0.00	N/A (<3 Measurements)	0	2	0.00	N/A (<3 Measurements)	0
PTX06-ISB321	648809.07	3751203.15	16	0.17	Increasing	0.54	9	0.26	Increasing	0.55	16	0.17	Increasing	0.54	16	0.17	Increasing	0.54
PTX06-ISB322	648879.71	3751229.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB323	648950.08	3751255.41	4	0.14	Increasing	0.1	0	0.00	N/A (No Measurements)	-999	4	0.14	Increasing	0.1	4	0.14	Increasing	0.1
PTX06-ISB324	649020.47	3751282.05	7	0.17	Increasing	0.77	3	0.52	Increasing	0.52	7	0.17	Increasing	0.77	7	0.17	Increasing	0.77
PTX06-ISB325	649090.64	3751308.18	16	0.17	Increasing	1.19	9	0.43	Increasing	0.98	16	0.17	Increasing	1.19	16	0.17	Increasing	1.19
PTX06-ISB327	649090.60	3751459.62	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB329	649091.36	3751609.51	5	0.05	No Trend	0.04	5	0.05	No Trend	0.04	5	0.05	No Trend	0.04	5	0.05	No Trend	0.04
PTX06-ISB401	650711.91	3749151.58	4	0.22	Increasing	0.04	4	0.22	Increasing	0.04	4	0.22	Increasing	0.04	4	0.22	Increasing	0.04
PTX06-ISB402	650776.49	3749189.00	2	0.00	N/A (<3 Measurements)	1.2	2	0.00	N/A (<3 Measurements)	1.2	2	0.00	N/A (<3 Measurements)	1.2	2	0.00	N/A (<3 Measurements)	1.2
PTX06-ISB404	650906.57	3749264.00	4	0.59	Increasing	1.34	4	0.59	Increasing	1.34	4	0.59	Increasing	1.34	4	0.59	Increasing	1.34
PTX06-ISB406	651036.29	3749338.63	3	-1.75	Decreasing	-1.5	3	-1.75	Decreasing	-1.5	3	-1.75	Decreasing	-1.5	3	-1.75	Decreasing	-1.5
PTX06-ISB407	651101.78	3749376.17	3	-0.25	Decreasing	-0.23	3	-0.25	Decreasing	-0.23	3	-0.25	Decreasing	-0.23	3	-0.25	Decreasing	-0.23
PTX06-ISB408	651167.10	3749413.87	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB409	651231.74	3749451.28	2	0.00	N/A (<3 Measurements)	-0.07	2	0.00	N/A (<3 Measurements)	-0.07	2	0.00	N/A (<3 Measurements)	-0.07	2	0.00	N/A (<3 Measurements)	-0.07
PTX06-ISB410	651296.89	3749487.69	4	1.10	Increasing	1.68	4	1.10	Increasing	1.68	4	1.10	Increasing	1.68	4	1.10	Increasing	1.68
PTX06-ISB411	649369.83	3750358.61	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-ISB412	649464.65	3750447.35	4	0.13	Increasing	0.11	4	0.13	Increasing	0.11	4	0.13	Increasing	0.11	4	0.13	Increasing	0.11
PTX06-ISB414	649662.66	3750642.84	4	0.17	Increasing	0.17	4	0.17	Increasing	0.17	4	0.17	Increasing	0.17	4	0.17	Increasing	0.17
PTX06-ISB416	649866.95	3750879.41	4	-0.02	No Trend	-0.04	4	-0.02	No Trend	-0.04	4	-0.02	No Trend	-0.04	4	-0.02	No Trend	-0.04
PTX06-MEW401	649249.28	3750765.90	4	-0.24	Decreasing	-0.26	4	-0.24	Decreasing	-0.26	4	-0.24	Decreasing	-0.26	4	-0.24	Decreasing	-0.26
PTX06-MEW402	649411.98	3750861.97	4	-0.27	Decreasing	-0.3	4	-0.27	Decreasing	-0.3	4	-0.27	Decreasing	-0.3	4	-0.27	Decreasing	-0.3
PTX06-MEW403	649523.62	3750870.15	4	-0.20	Decreasing	-0.24	4	-0.20	Decreasing	-0.24	4	-0.20	Decreasing	-0.24	4	-0.20	Decreasing	-0.24
PTX06-PZ01	643789.66	3761892.10	37	-0.52	Decreasing	-6.66	4	0.78	Increasing	1.1	25	-0.49	Decreasing	-4.72	10	0.33	Increasing	1.4
PTX06-PZ02	643787.96	3762392.75	38	-0.51	Decreasing	-7.06	4	0.60	Increasing	0.8	25	-0.50	Decreasing	-5.25	10	0.11	Increasing	0.6
PTX06-PZ03	642509.25	3761394.76	38	-0.70	Decreasing	-8.35	4	1.22	Increasing	1.7	25	-0.43	Decreasing	-4.55	10	0.80	Increasing	3.3
PTX06-PZ05	643801.38	3760094.07	37	-0.45	Decreasing	-6.7	4	-0.52	Decreasing	-0.9	25	-0.36	Decreasing	-4.25	10	0.08	No Trend	-0.4
PTX06-PZ06	643817.92	3756361.90	37	-0.74	Decreasing	-11.3	4	-0.15	Decreasing	-0.2	24	-0.63	Decreasing	-7.33	9	-0.17	Decreasing	-0.7
PTX06-REC401A	651032.66	3749068.08	2	0.00	N/A (<3 Measurements)	1.68	2	0.00	N/A (<3 Measurements)	1.68	2	0.00	N/A (<3 Measurements)	1.68	2	0.00	N/A (<3 Measurements)	1.68
PTX06-REC402	651188.55	3749013.99	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC403	651274.87	3749064.42	2	0.00	N/A (<3 Measurements)	1.83	2	0.00	N/A (<3 Measurements)	1.83	2	0.00	N/A (<3 Measurements)	1.83	2	0.00	N/A (<3 Measurements)	1.83
PTX06-REC404	651363.17	3749115.24	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC405	649666.01	3750342.12	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC407	649808.08	3750498.69	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC409	649883.64	3750677.72	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX06-REC411	650016.35	3750822.87	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999
PTX07-1O01	638532.53	3767695.22	72	-0.27	Decreasing	-1.56	4	0.91	Increasing	1.3	40	-0.23	Decreasing	-0.18	13	1.10	Increasing	4.2
PTX07-1O02	639106.56	3768117.46	78	-0.35	Decreasing	-0.89	6	3.21	Increasing	5.4	49	-0.59	Decreasing	-0.26	18	1.89	Increasing	5.4
PTX07-1O03	639046.64	3767462.56	68	-0.23	Decreasing	-1.59	6	0.54	Increasing	0.8	38	-0.04	No Trend	0.22	15	1.05	Increasing	4
PTX07-1O04	638749.15	3767983.84	46	-0.32	Decreasing	-3.12	4	2.59	Increasing	3.9	25	-0.26	Decreasing	-0.58	10	0.82	Increasing	3.6
PTX07-1O05	638880.17	3768126.29	43	-0.30	Decreasing	-5.05	4	0.39	Increasing	0.6	25	-0.17	Decreasing	-2	10	0.06	No Trend	0.6
PTX07-1O06	638814.40	3768536.81	44	-0.45	Decreasing	-7.4	0	0.00	N/A (No Measurements)	-999	20	-0.24	Decreasing	-0.75	0	0.00	N/A (No Measurements)	-999
PTX07-1P01	637221.95	3762763.60	47	-0.22	Decreasing	-3.09	4	1.02	Increasing	1.3	25	-0.05	No Trend	-0.1	10	0.25	Increasing	1.3
PTX07-1P02	637817.70	3763019.08	76	-0.51	Decreasing	-4.35	6	0.85	Increasing	1.3	50	0.01	No Trend	1.81	20	1.92	Increasing	7.8
PTX07-1P03	636938.46	3762755.25	47	-0.34	Decreasing	-5.25	4	0.89	Increasing	1.3	24	-0.26	Decreasing	-2.19	10	0.16	Increasing	1
PTX07-1P04	637236.90	3763011.47	9	-0.61	Decreasing	-3.17	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999	0	0.00	N/A (No Measurements)	-999

PTX07-1P05	637136.13	3762886.83	52	-0.36	Decreasing	-4.42	4	1.21	Increasing	1.8	35	-0.13	Decreasing	0.03	13	0.90	Increasing	3.7
PTX07-1P06	637197.39	3762509.81	48	-0.47	Decreasing	-8.4	4	0.97	Increasing	1.4	25	-0.32	Decreasing	-2.99	9	-0.12	Decreasing	-0.1
PTX07-1Q01	629274.83	3755836.12	61	0.35	Increasing	8.39	6	-0.02	No Trend	0	38	0.37	Increasing	3.8	14	0.35	Increasing	1.2
PTX07-1Q02	628876.97	3756408.66	66	0.34	Increasing	9.11	5	0.11	Increasing	0.1	39	0.35	Increasing	4.13	14	0.35	Increasing	1.4
PTX07-1Q03	630542.61	3757408.87	58	0.36	Increasing	7.71	0	0.00	N/A (No Measurements)	-999	33	0.36	Increasing	3.33	9	0.41	Increasing	0.9
PTX07-1R03	627664.39	3764501.80	50	0.00	No Trend	-0.46	5	-0.02	No Trend	0	29	0.14	Increasing	0.26	11	-0.19	Decreasing	-0.5
PTX08-1001	638941.45	3762976.26	99	-0.74	Decreasing	-5.83	6	0.65	Increasing	0.8	39	0.38	Increasing	4.38	16	2.94	Increasing	11.7
PTX08-1002	640859.00	3763003.22	117	-0.87	Decreasing	-6.98	6	1.93	Increasing	2.4	48	0.47	Increasing	6.13	19	3.13	Increasing	11.4
PTX08-1003	635385.36	3760136.56	68	0.07	No Trend	3.2	6	0.23	Increasing	0.4	37	-0.16	Decreasing	-1.75	13	0.04	No Trend	0.1
PTX08-1005	635316.66	3756346.19	80	0.11	Increasing	2.19	6	-0.34	Decreasing	-0.6	49	0.06	No Trend	-0.52	18	-0.40	Decreasing	-1.5
PTX08-1006	636400.41	3756761.86	85	-0.02	No Trend	0.31	8	-0.23	Decreasing	-0.4	50	-0.17	Decreasing	-2.24	20	-0.08	No Trend	-0.6
PTX08-1007	638900.04	3758440.46	63	-0.11	Decreasing	-1.25	6	0.11	Increasing	0.1	37	-0.25	Decreasing	-2.15	14	0.18	Increasing	0.5
PTX08-1008	637485.10	3755695.51	90	-0.10	Decreasing	-1.34	8	-0.16	Decreasing	-0.2	52	-0.22	Decreasing	-2.49	21	0.07	No Trend	0.1
PTX08-1009	638866.95	3755275.01	81	-0.26	Decreasing	-2.74	6	-0.27	Decreasing	-0.3	48	-0.36	Decreasing	-3.63	18	0.17	Increasing	0.2
PTX08-1010	641401.47	3773206.74	64	-0.04	No Trend	-0.1	5	-0.08	No Trend	-0.1	28	0.08	No Trend	0.3	11	0.07	No Trend	0.3
PTX10-1008	633458.45	3760876.41	53	0.31	Increasing	8.08	4	-0.13	Decreasing	-0.2	25	0.17	Increasing	2.01	10	0.21	Increasing	0.4
PTX10-1014	639701.73	3759769.72	61	-0.45	Decreasing	-5.38	6	1.20	Increasing	1.7	38	-0.25	Decreasing	-2.46	15	0.92	Increasing	4

1114-MW4 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

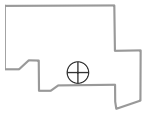


Notes:
1. Top of screen elevation is 3280.32 ft msl.
2. The bottom of screen elevation is 3260.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

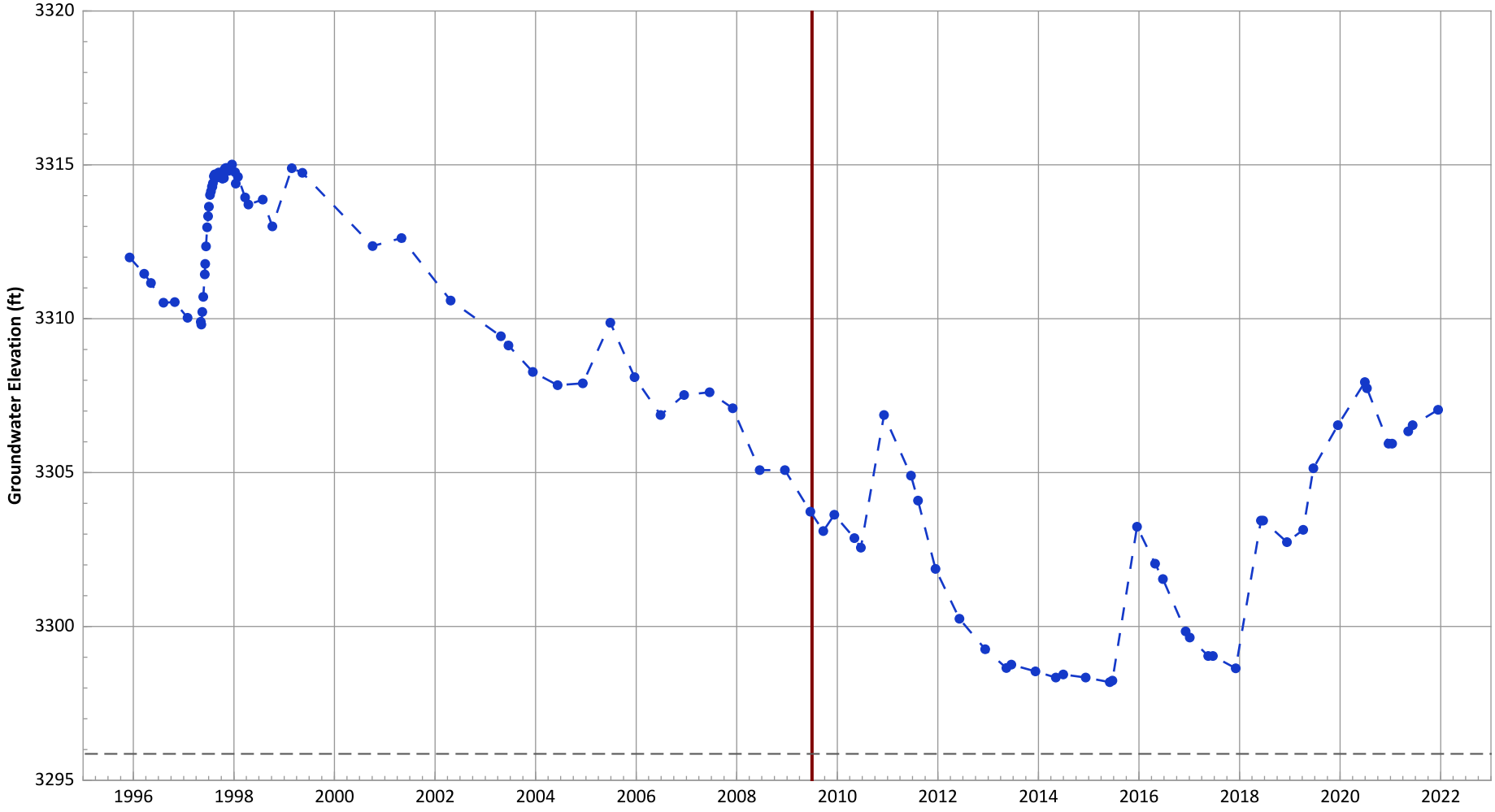
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.22 ft/yr

OW-WR-38 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

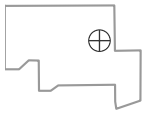


Notes:
1. Top of screen elevation is 3310.86 ft msl.
2. The bottom of screen elevation is 3295.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

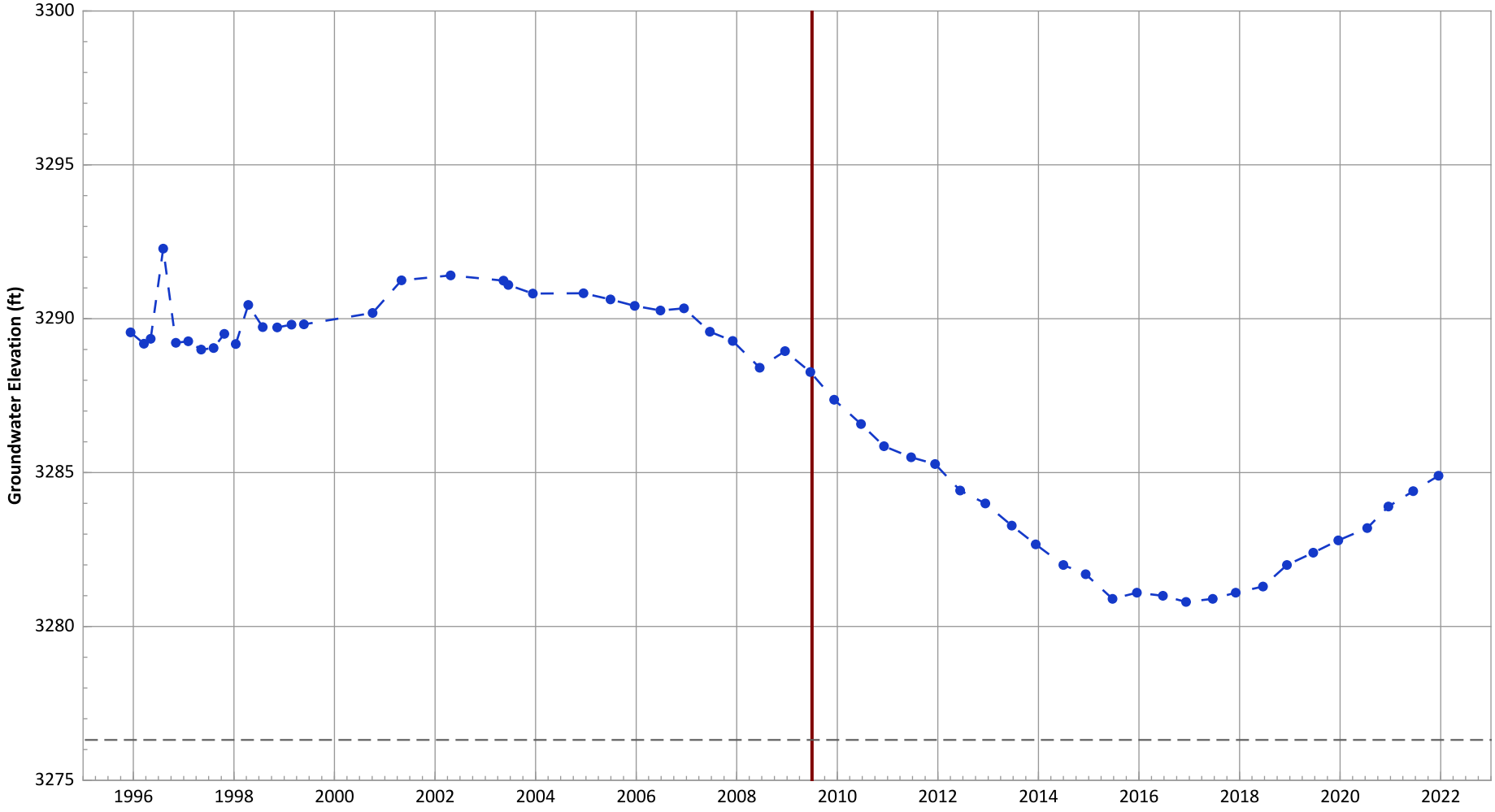
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.65 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.34 ft/yr

OW-WR-45 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

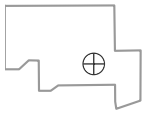


Notes:
1. Top of screen elevation is 3296.31 ft msl.
2. The bottom of screen elevation is 3276.31 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

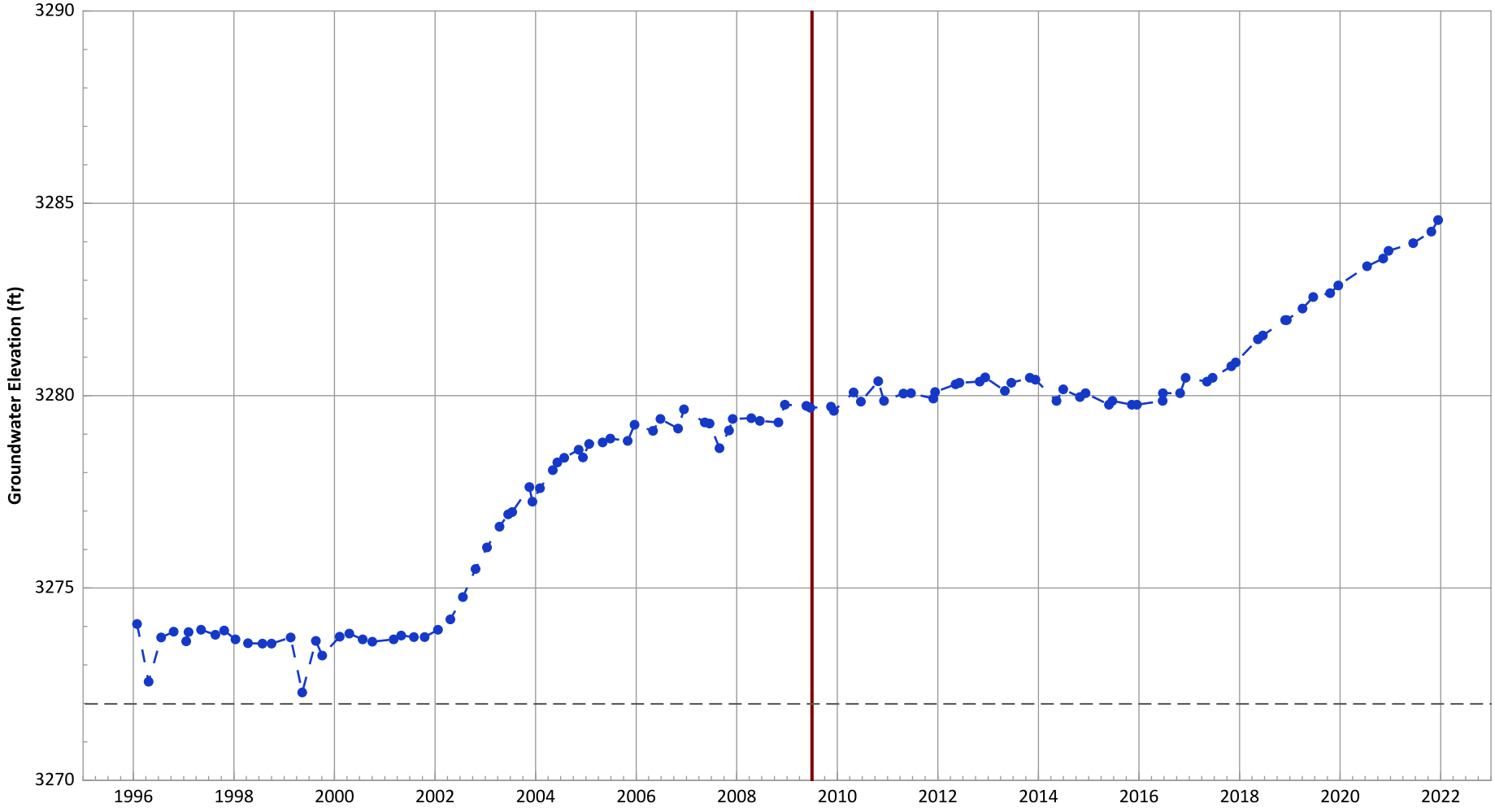
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.17 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX01-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

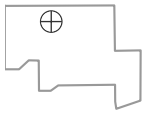


Notes:
1. Top of screen elevation is 3286.99 ft msl.
2. The bottom of screen elevation is 3271.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

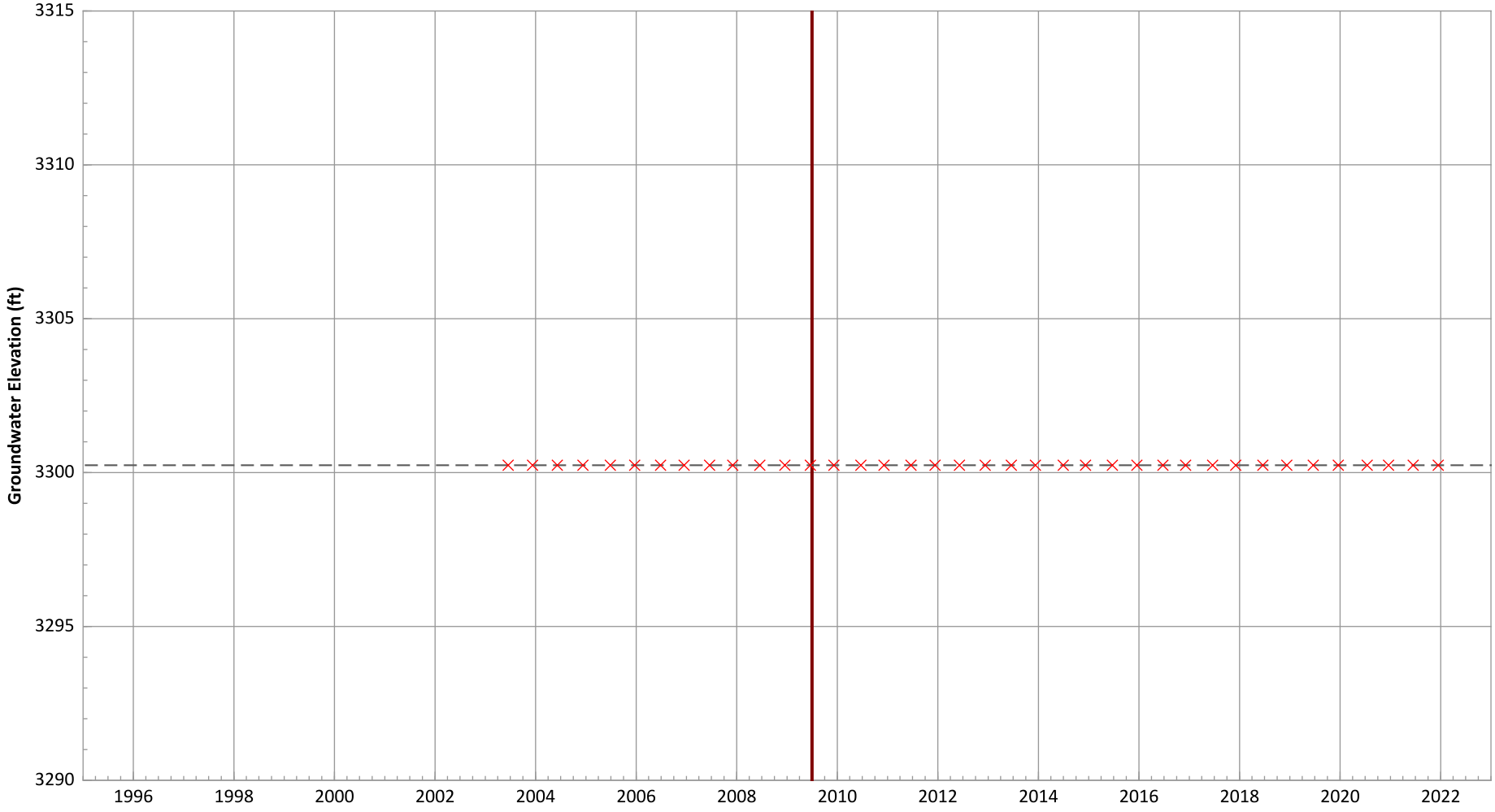
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.77 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.32 ft/yr

PTX01-1004 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

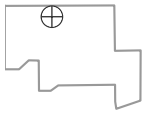


Notes:
1. Top of screen elevation is 3320.24 ft msl.
2. The bottom of screen elevation is 3300.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

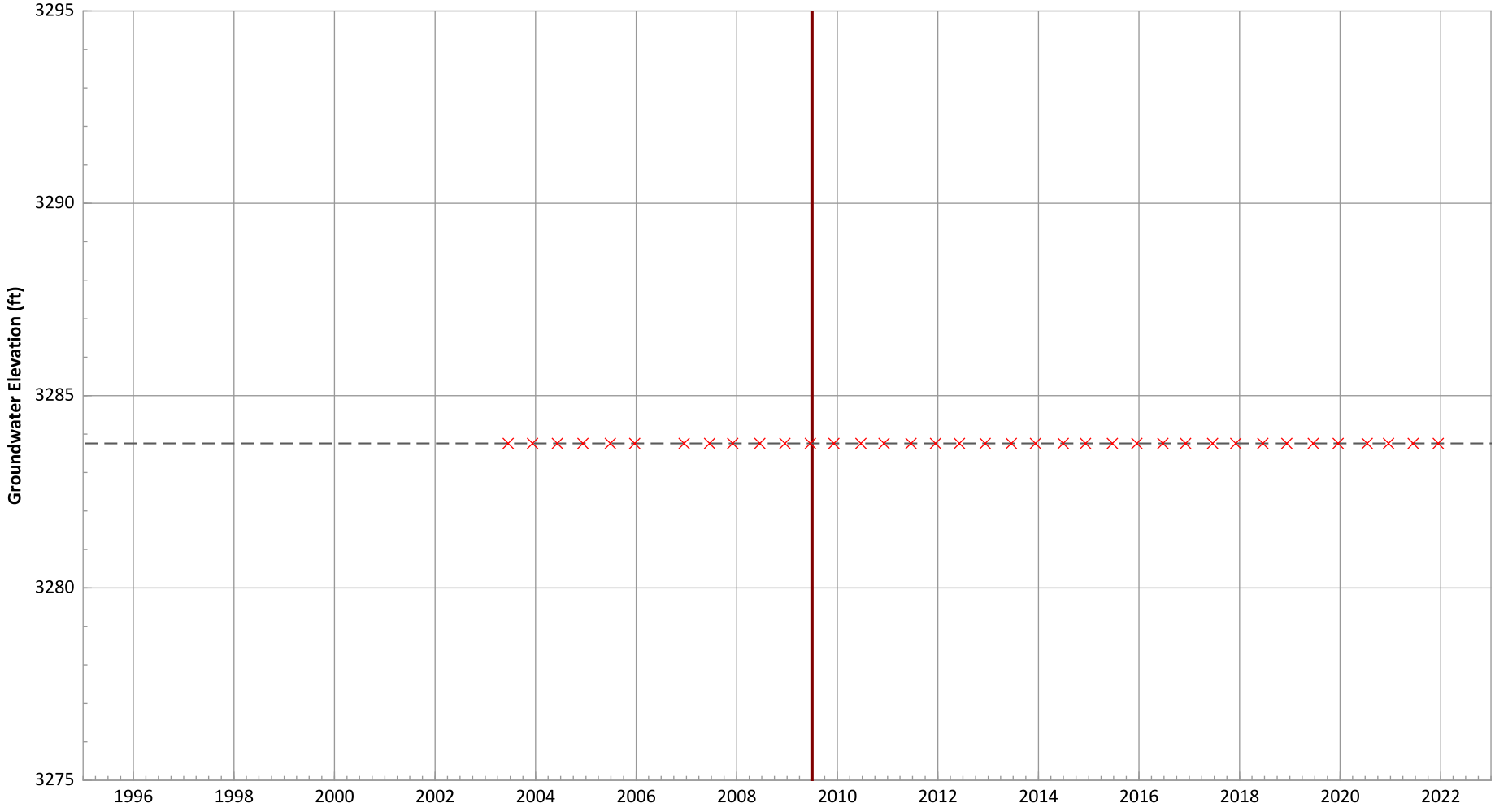
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX01-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

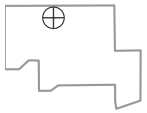


Notes:
1. Top of screen elevation is 3313.76 ft msl.
2. The bottom of screen elevation is 3283.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

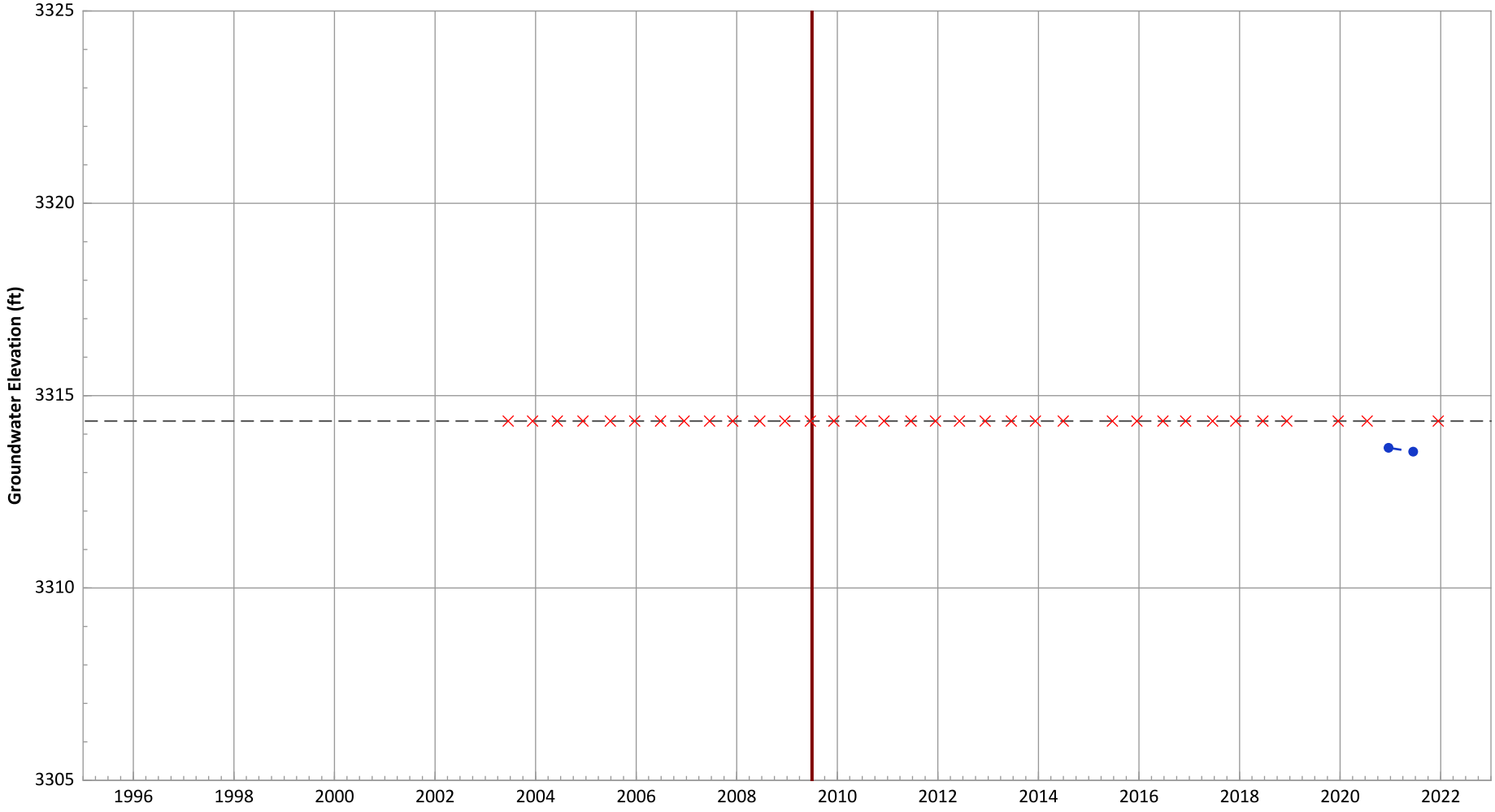
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX01-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

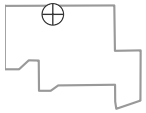


Notes:
1. Top of screen elevation is 3334.34 ft msl.
2. The bottom of screen elevation is 3314.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

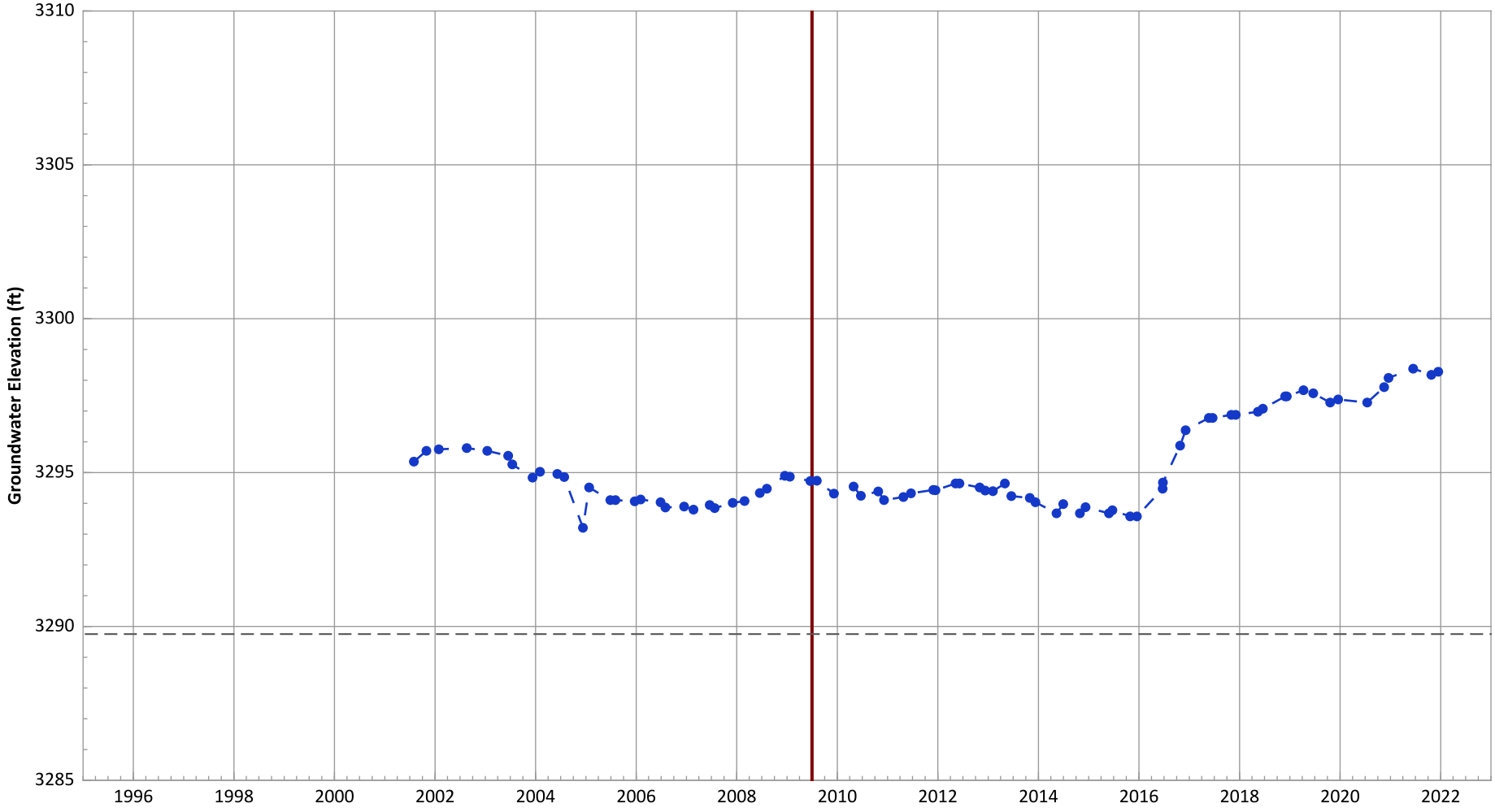
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.2 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX01-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

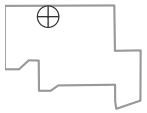


Notes:
1. Top of screen elevation is 3309.75 ft msl.
2. The bottom of screen elevation is 3289.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

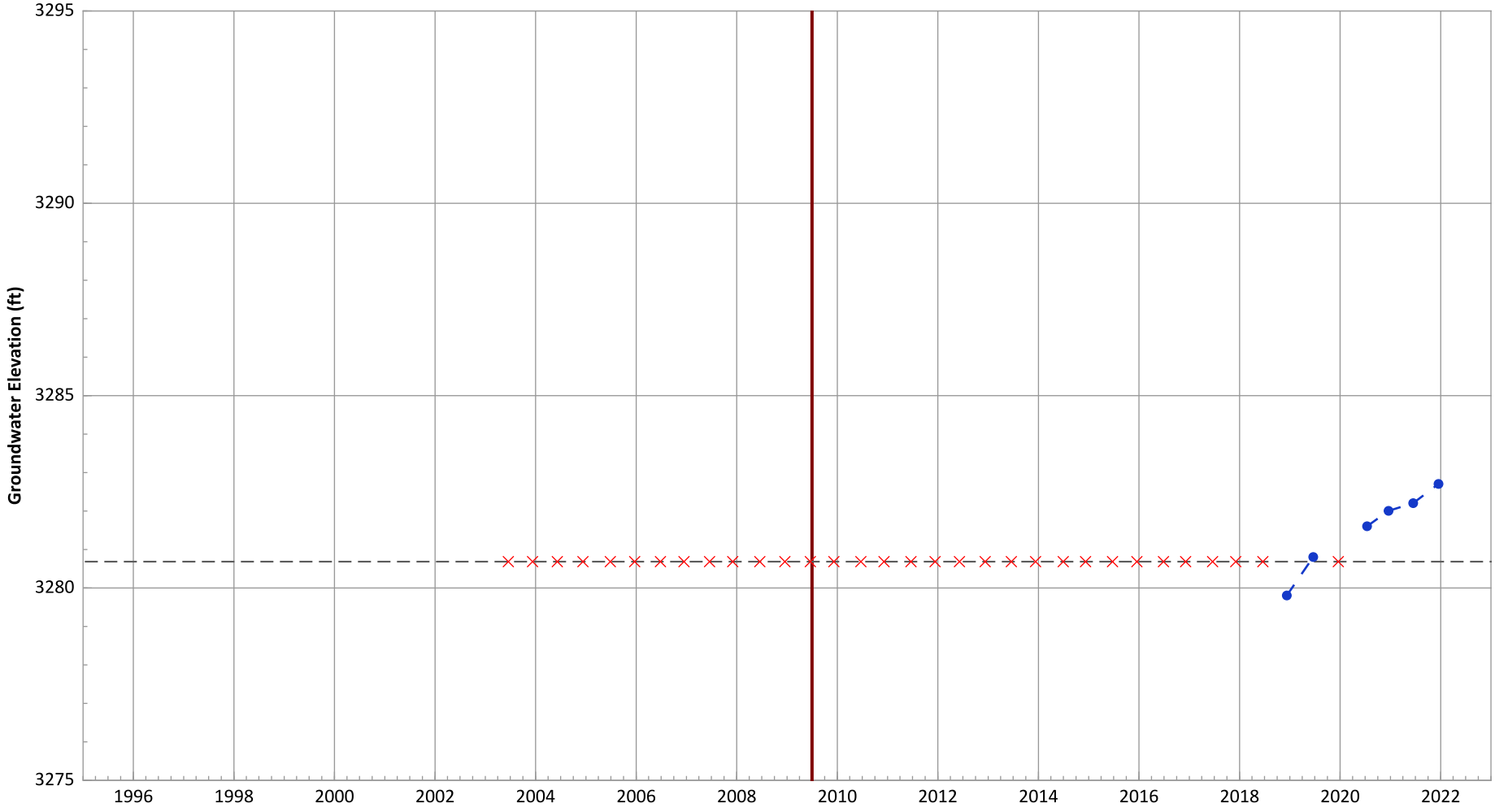
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.6 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.38 ft/yr

PTX01-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

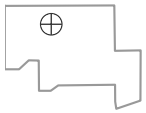


Notes:
1. Top of screen elevation is 3300.68 ft msl.
2. The bottom of screen elevation is 3280.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

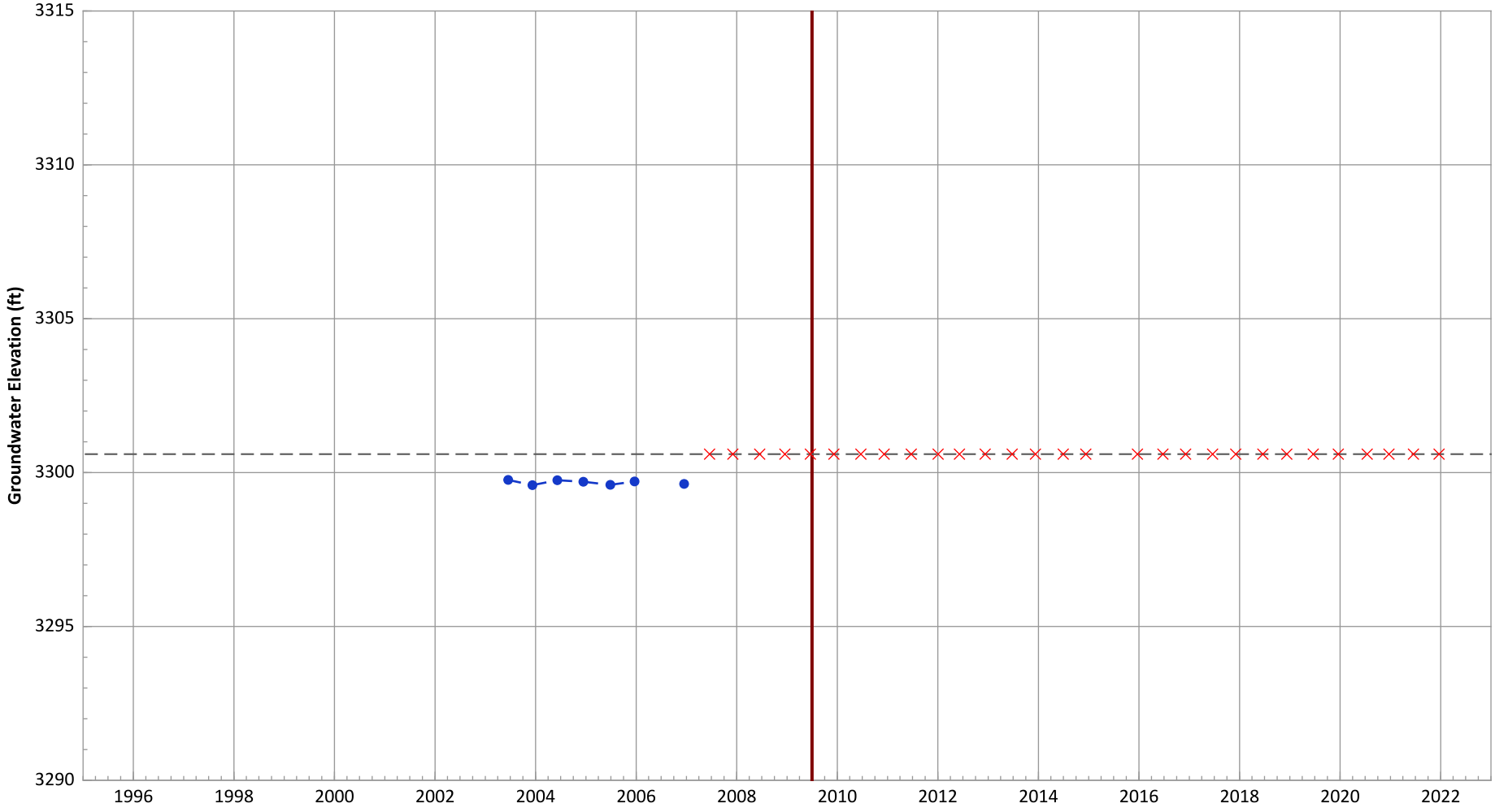
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.74 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.89 ft/yr

PTX01-1014A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

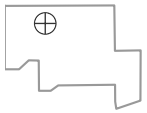


Notes:
1. Top of screen elevation is 3325.6 ft msl.
2. The bottom of screen elevation is 3300.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

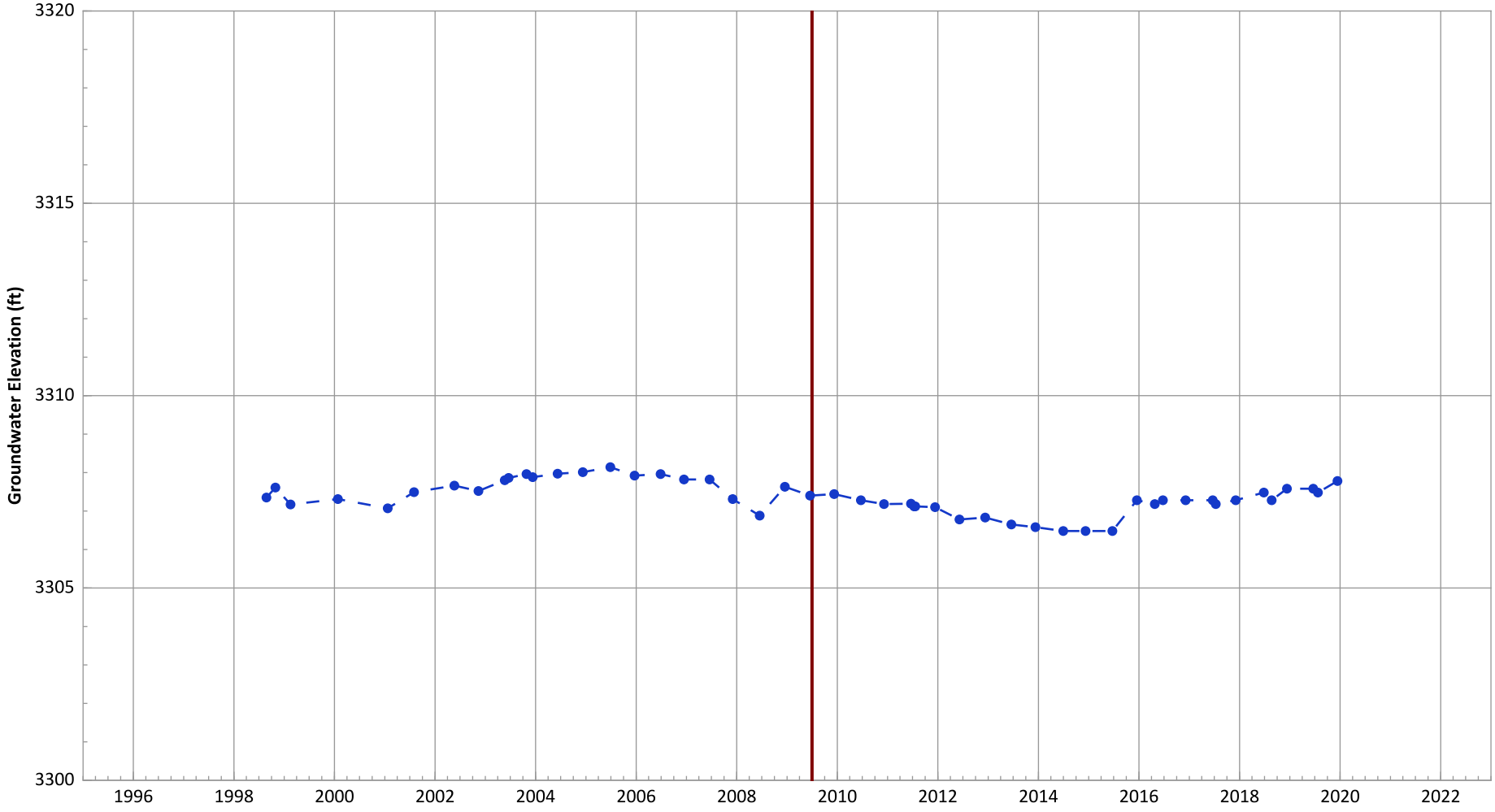
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX04-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

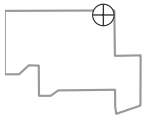


Notes:
1. Top of screen elevation is 3307.77 ft msl.
2. The bottom of screen elevation is 3289.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

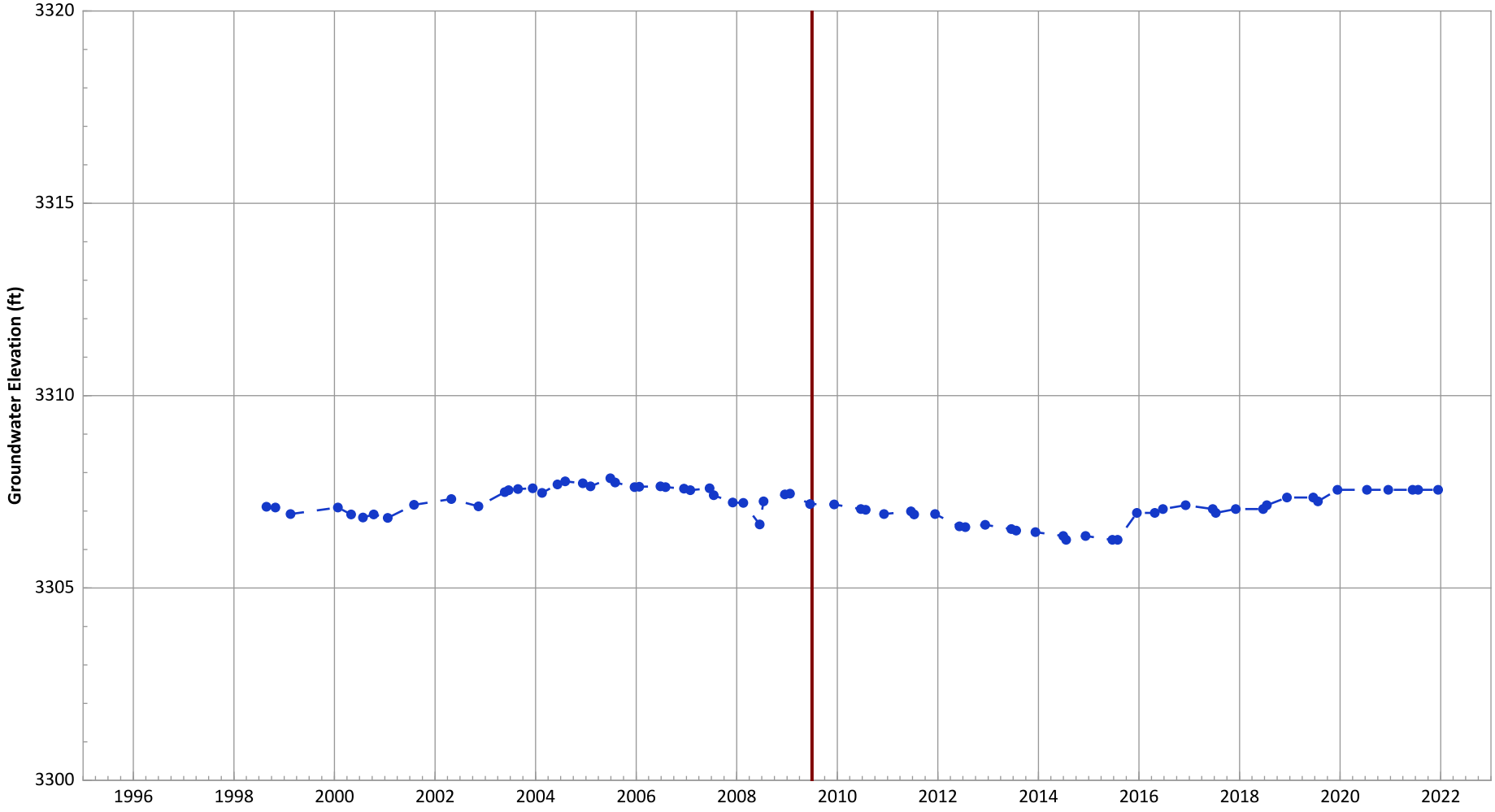
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): No Trend

PTX04-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

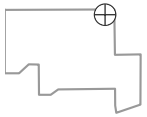


Notes:
1. Top of screen elevation is 3312.63 ft msl.
2. The bottom of screen elevation is 3288.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

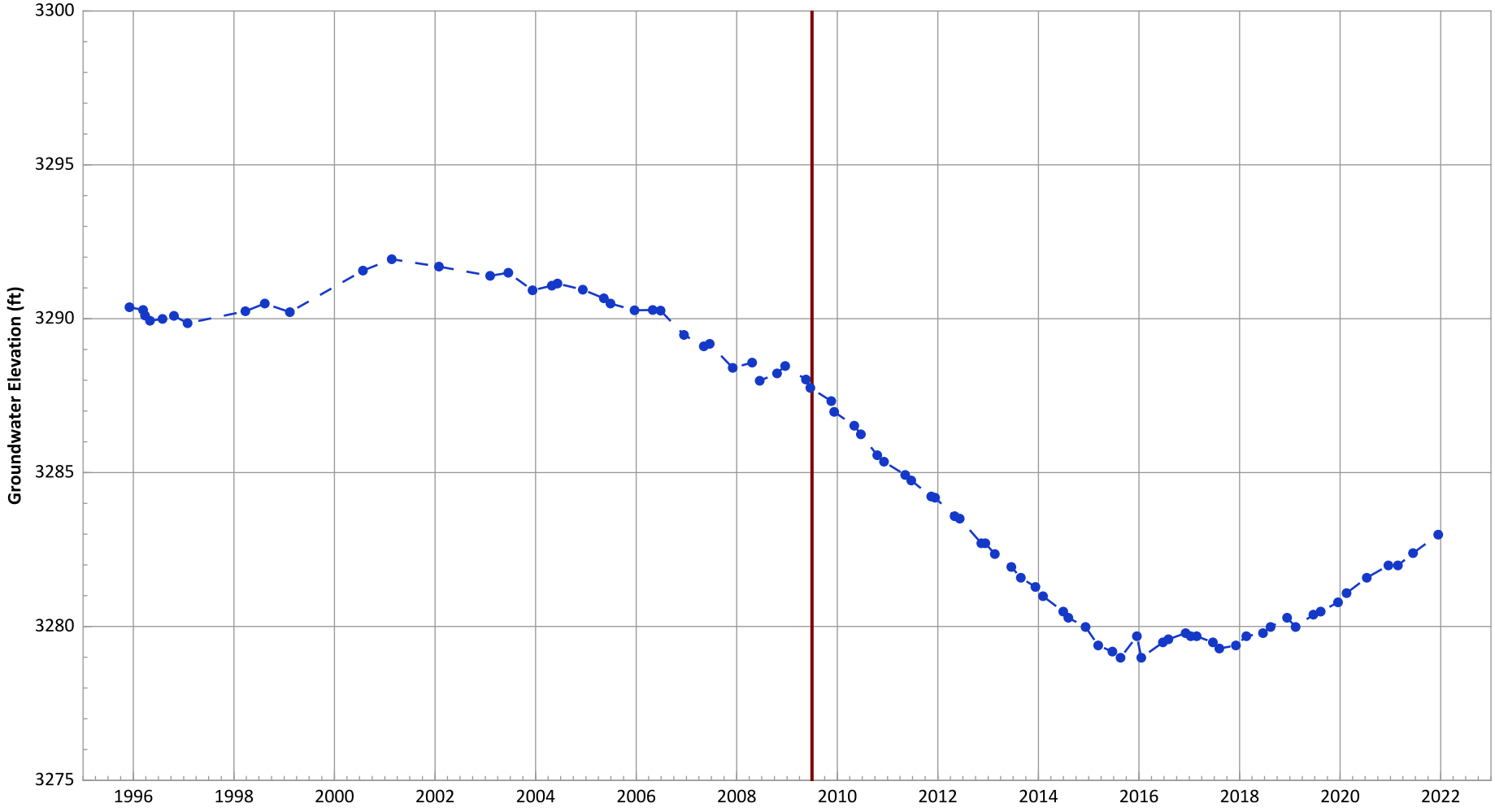
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1002A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

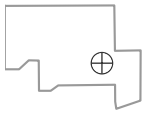


Notes:
1. Top of screen elevation is 3300.17 ft msl.
2. The bottom of screen elevation is 3270.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

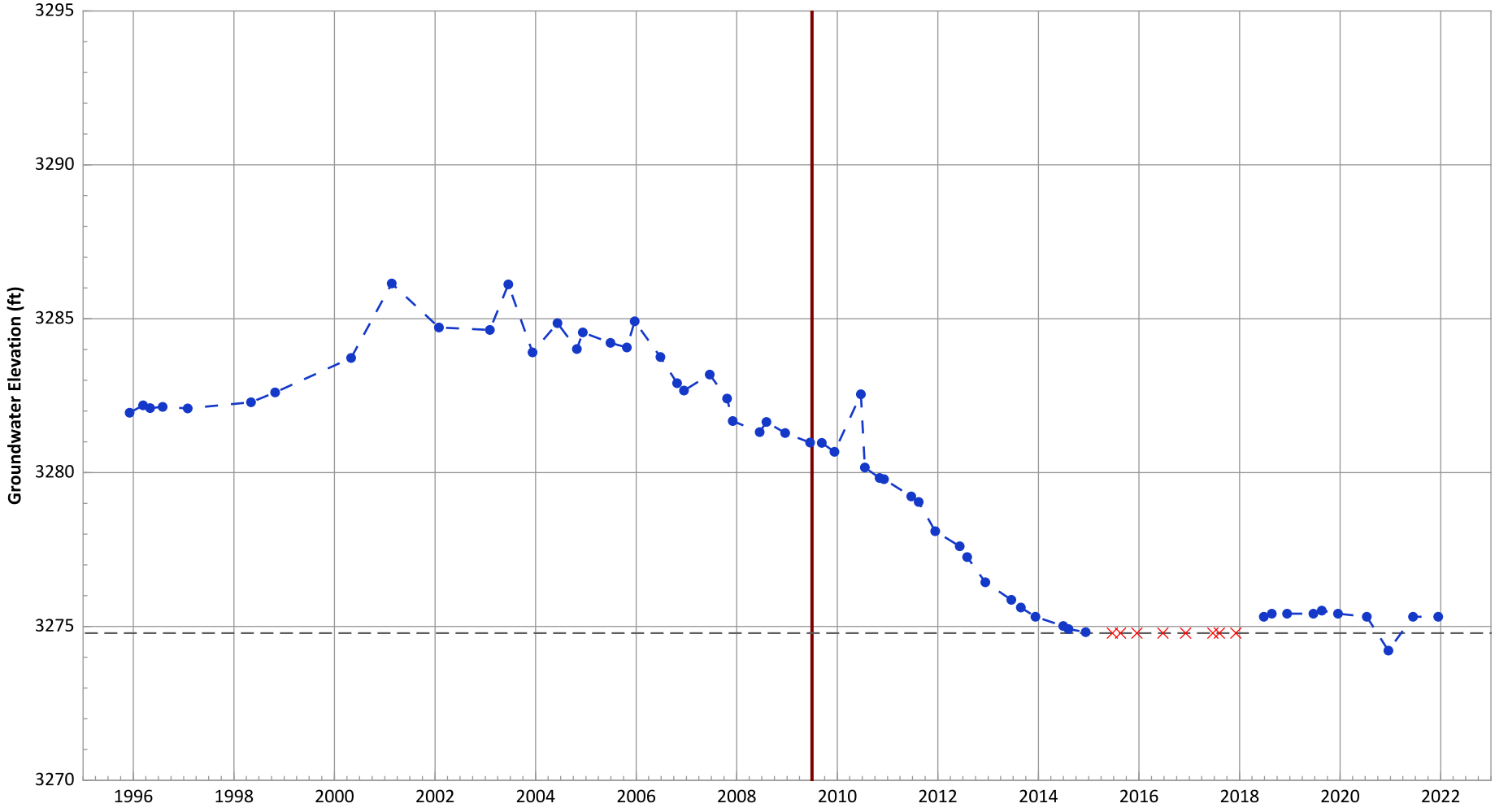
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.0 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.45 ft/yr

PTX06-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

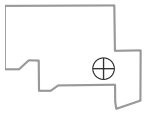


Notes:
1. Top of screen elevation is 3294.78 ft msl.
2. The bottom of screen elevation is 3274.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

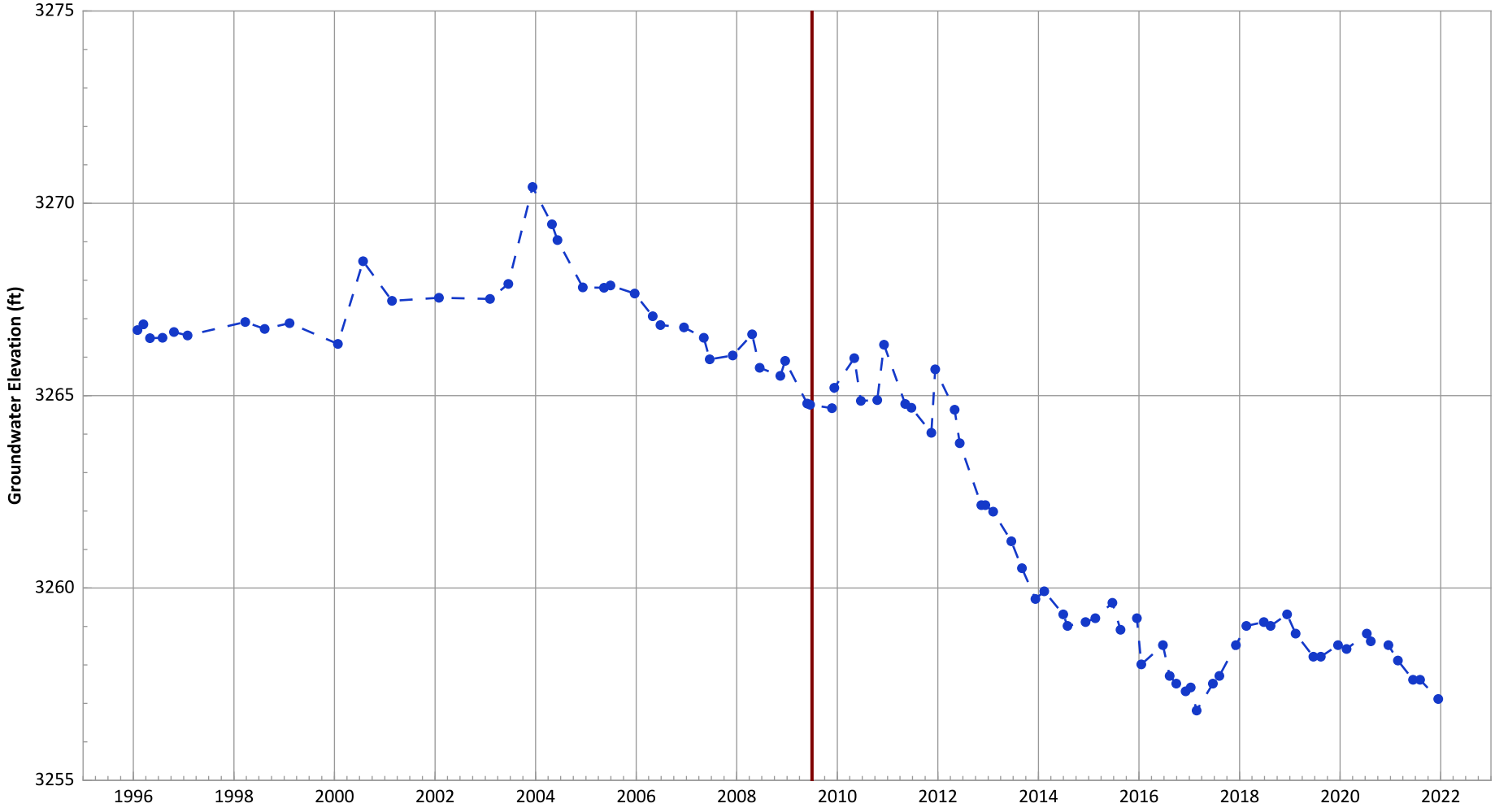
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.26 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.46 ft/yr

PTX06-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

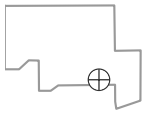


Notes:
1. Top of screen elevation is 3274.81 ft msl.
2. The bottom of screen elevation is 3244.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

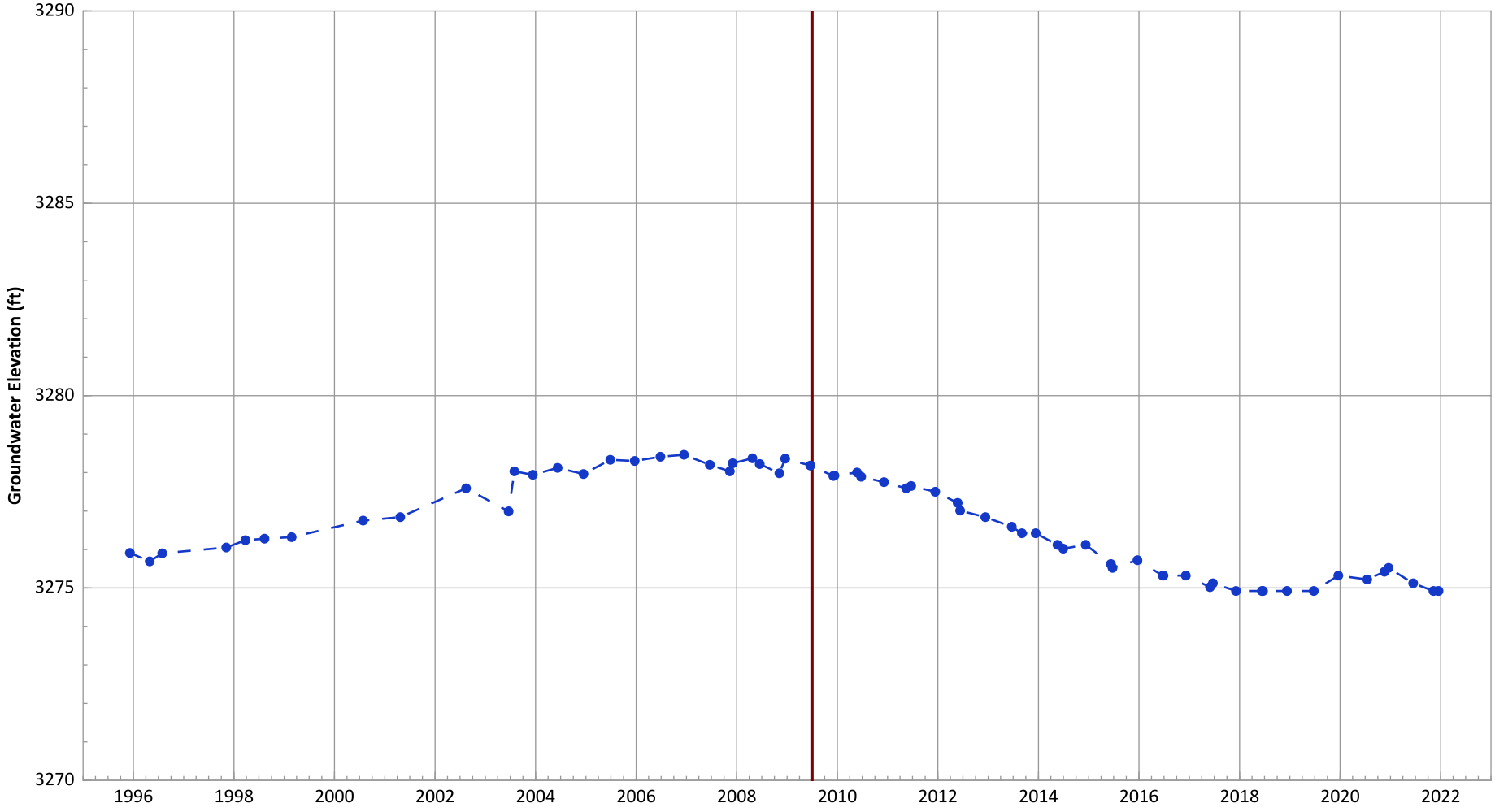
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.87 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.69 ft/yr

PTX06-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

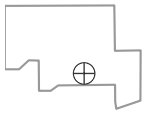


Notes:
1. Top of screen elevation is 3282.54 ft msl.
2. The bottom of screen elevation is 3252.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

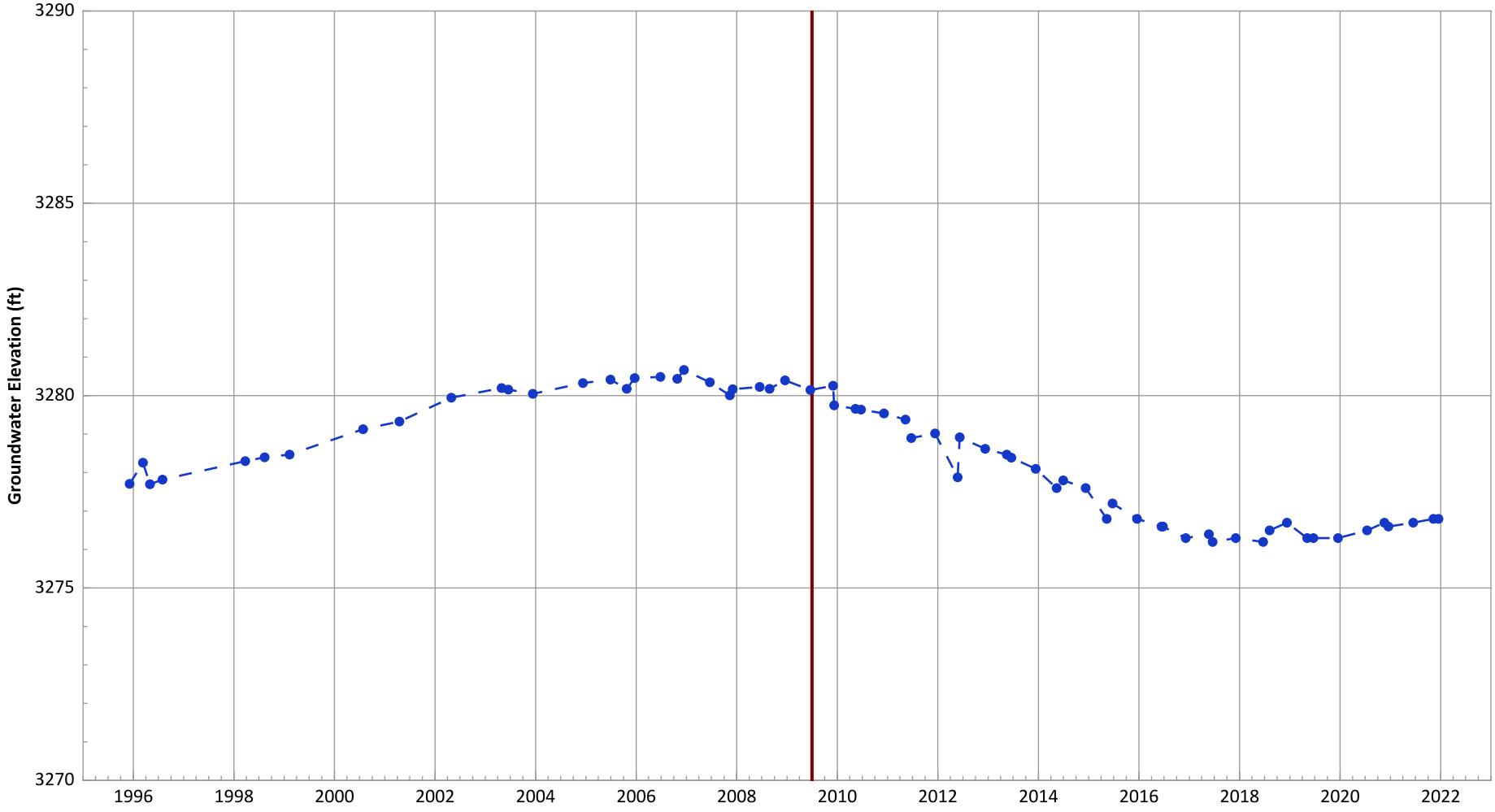
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.35 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.27 ft/yr

PTX06-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

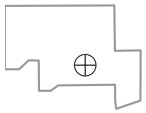


Notes:
1. Top of screen elevation is 3286.53 ft msl.
2. The bottom of screen elevation is 3256.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

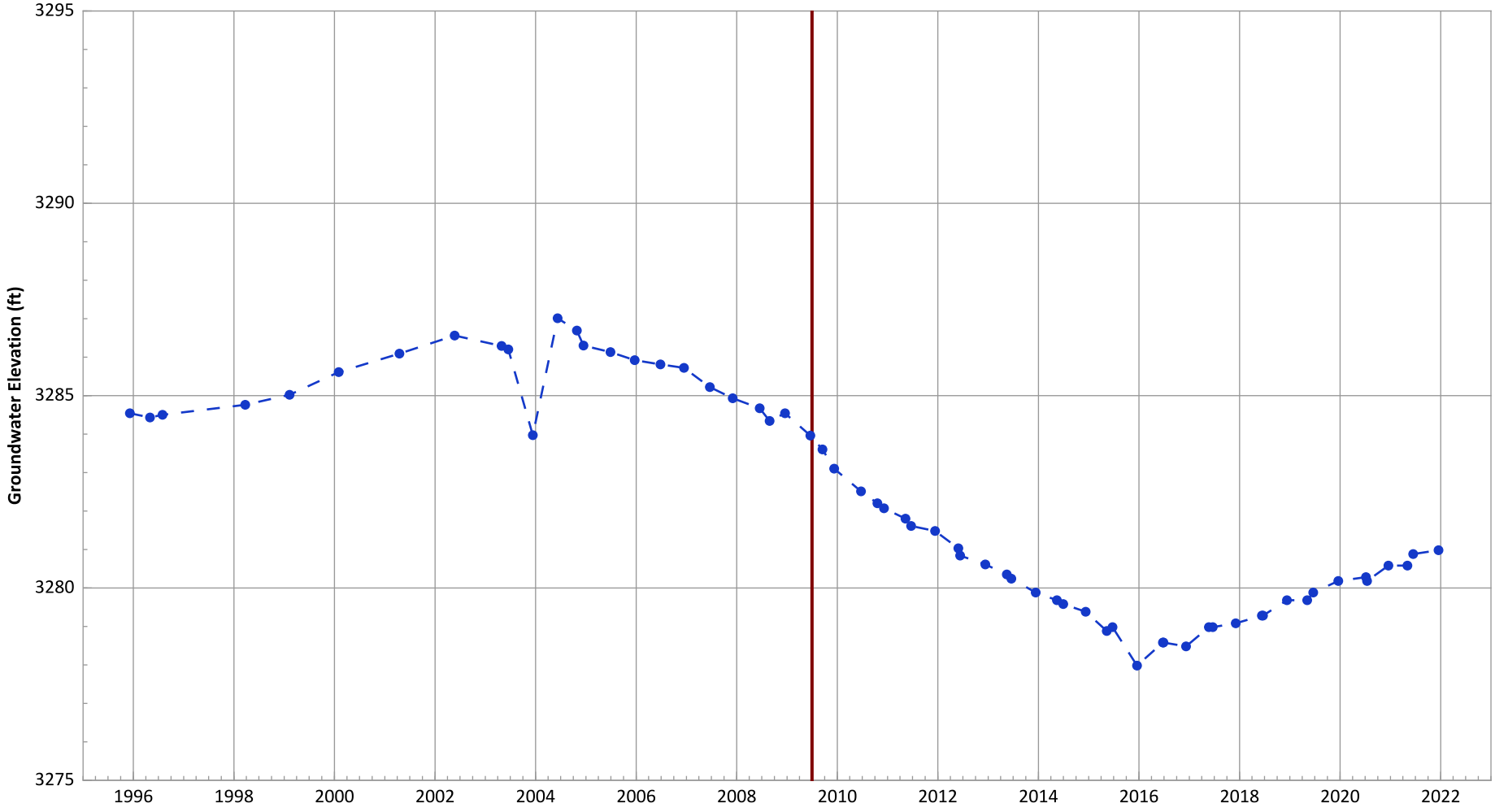
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.19 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.3 ft/yr

PTX06-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

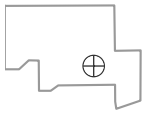


Notes:
1. Top of screen elevation is 3297.61 ft msl.
2. The bottom of screen elevation is 3272.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

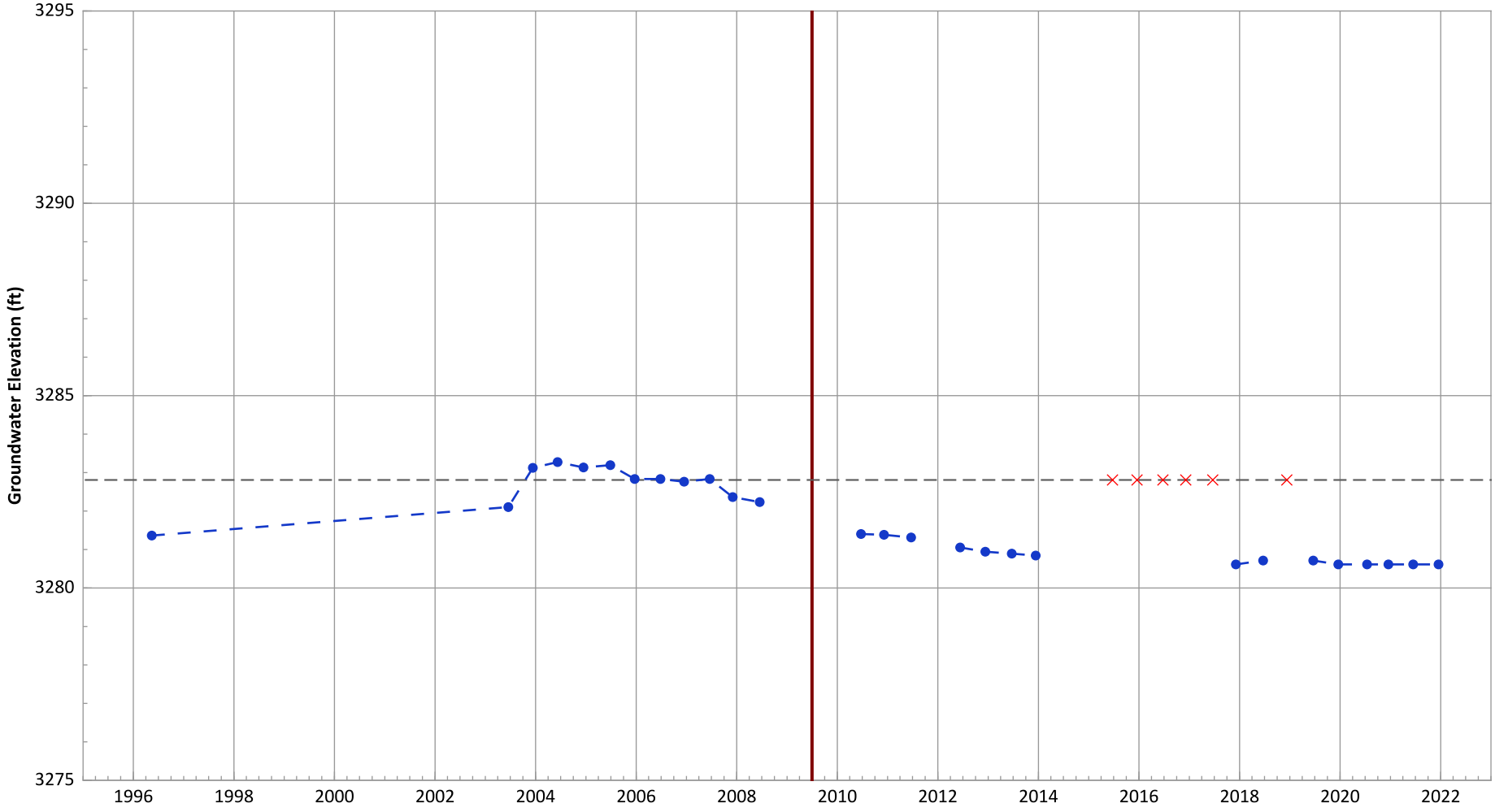
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.53 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.19 ft/yr

PTX06-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

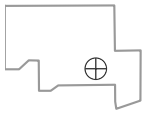


Notes:
1. Top of screen elevation is 3312.81 ft msl.
2. The bottom of screen elevation is 3282.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

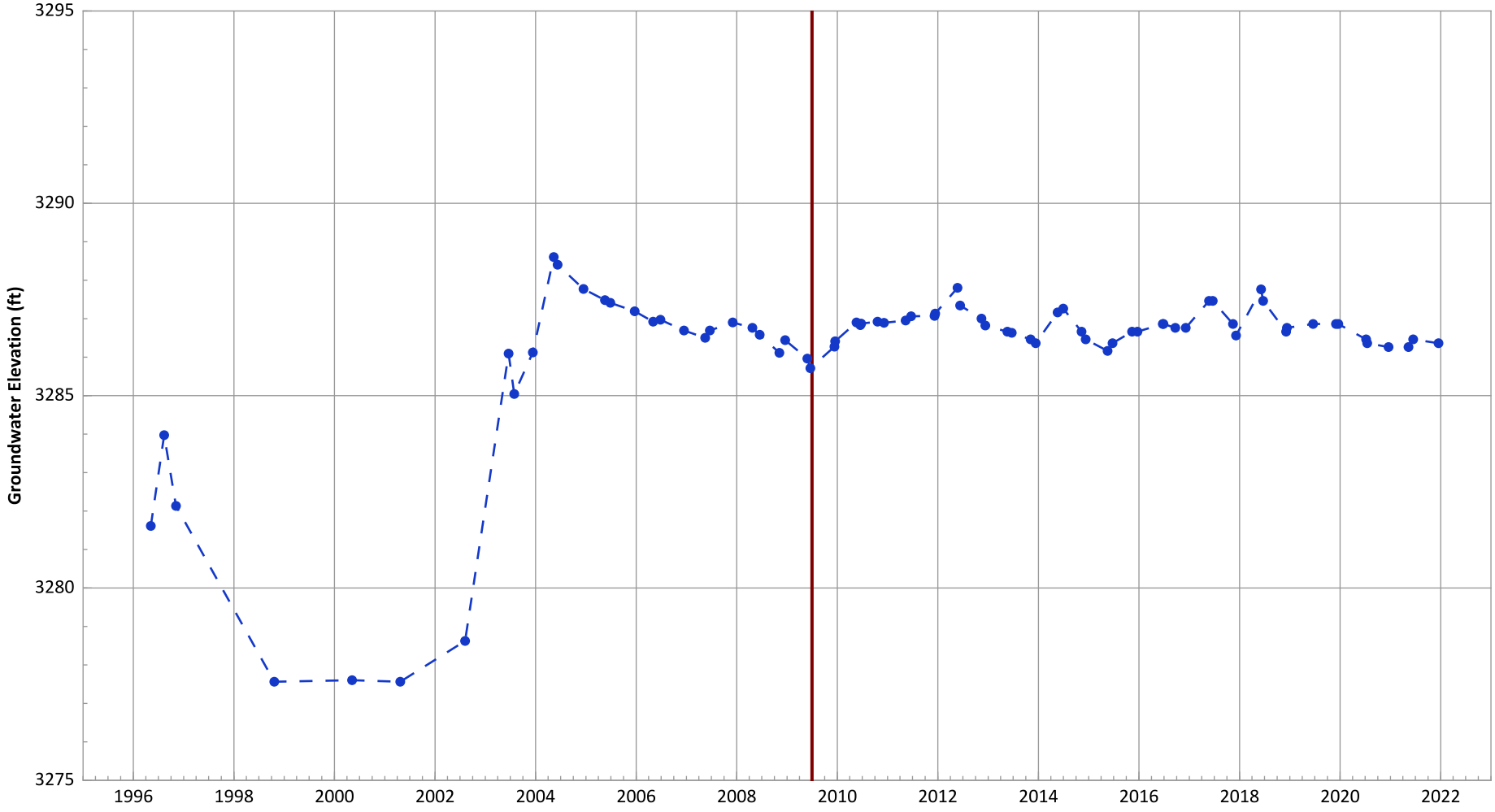
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

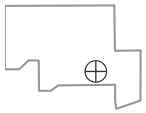


Notes:
1. Top of screen elevation is 3294.04 ft msl.
2. The bottom of screen elevation is 3264.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

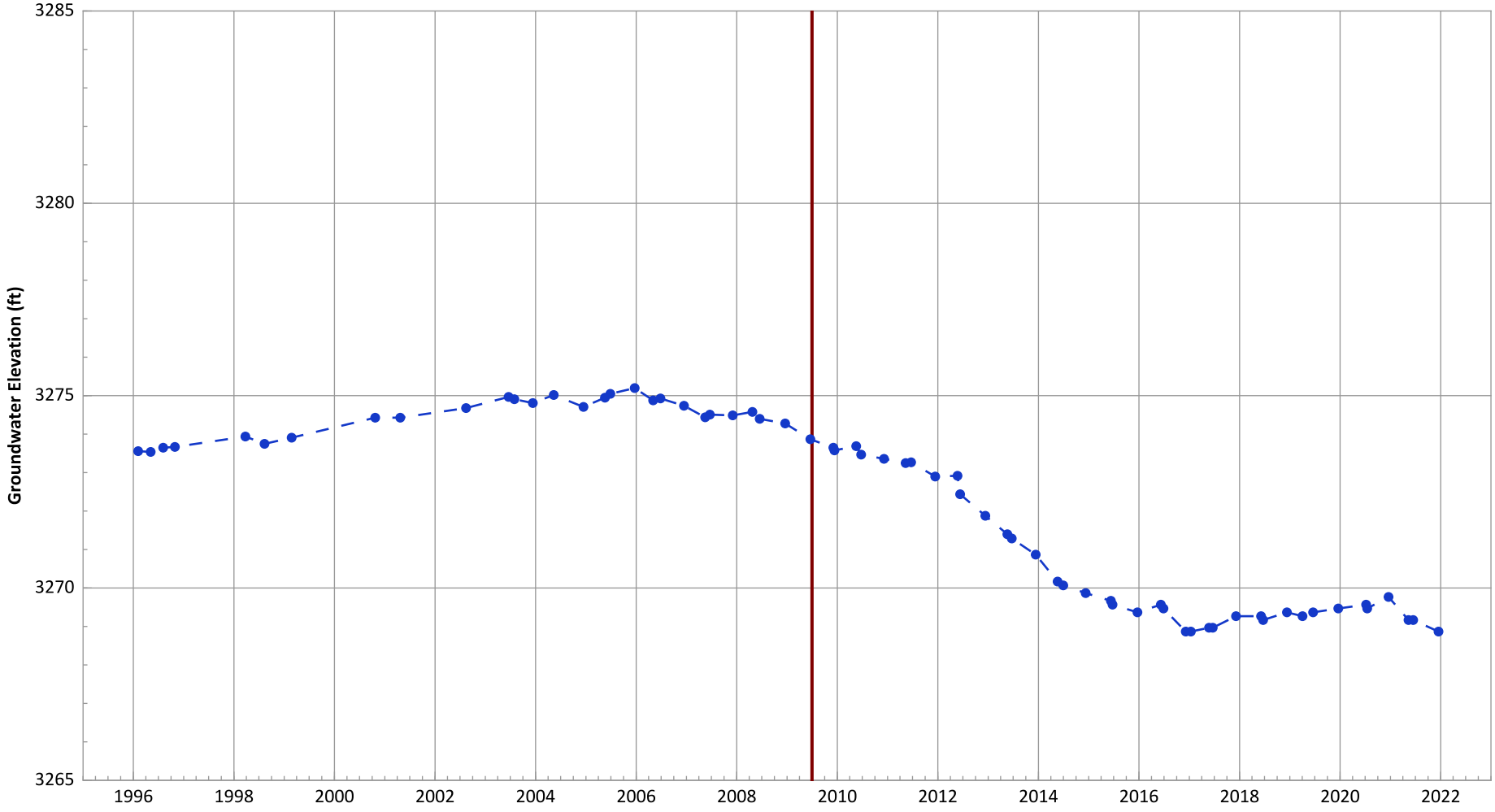
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

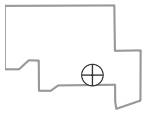


Notes:
1. Top of screen elevation is 3282.59 ft msl.
2. The bottom of screen elevation is 3252.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

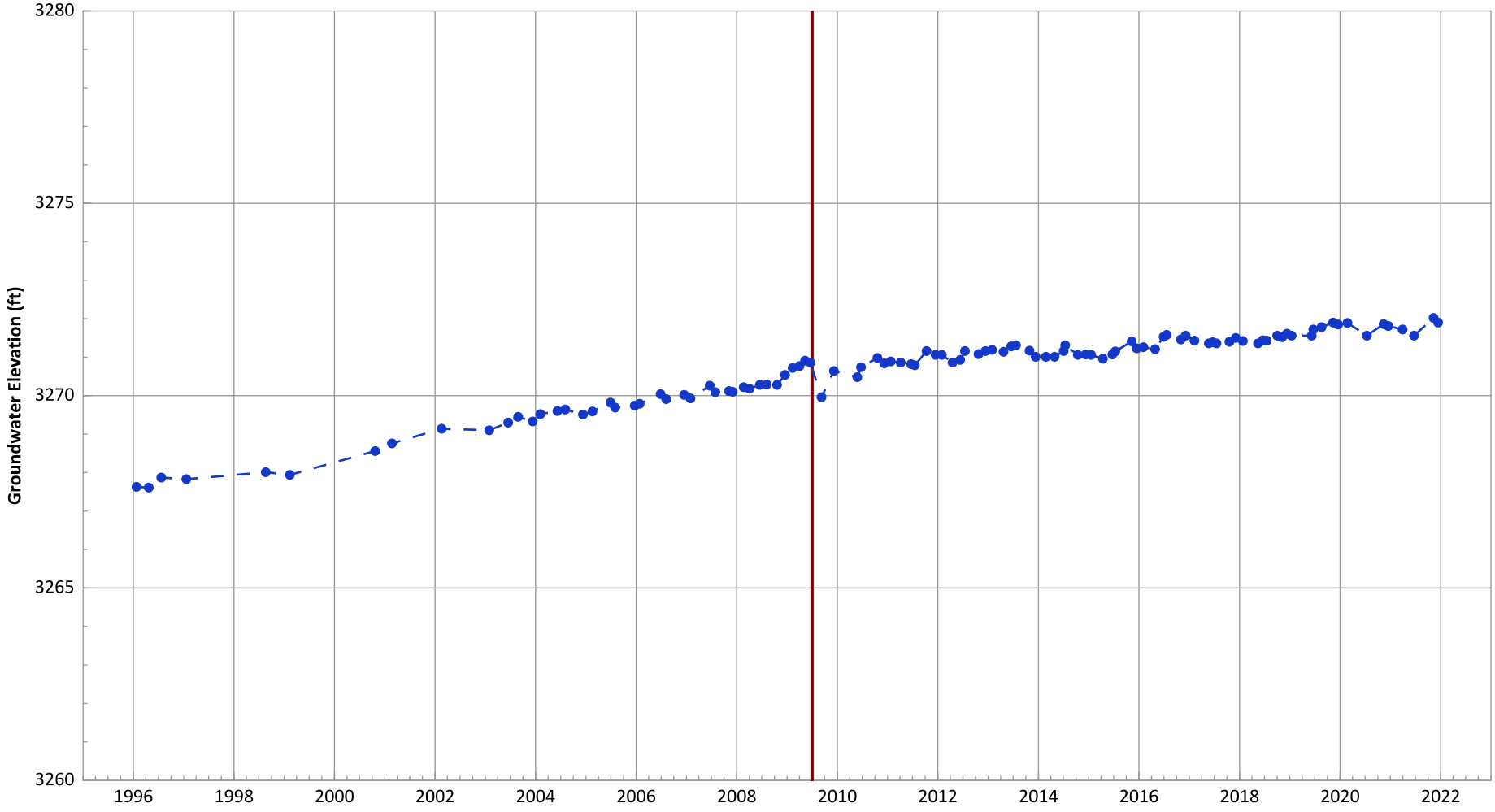
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.48 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.42 ft/yr

PTX06-1012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

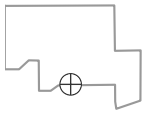


Notes:
1. Top of screen elevation is 3276.19 ft msl.
2. The bottom of screen elevation is 3256.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

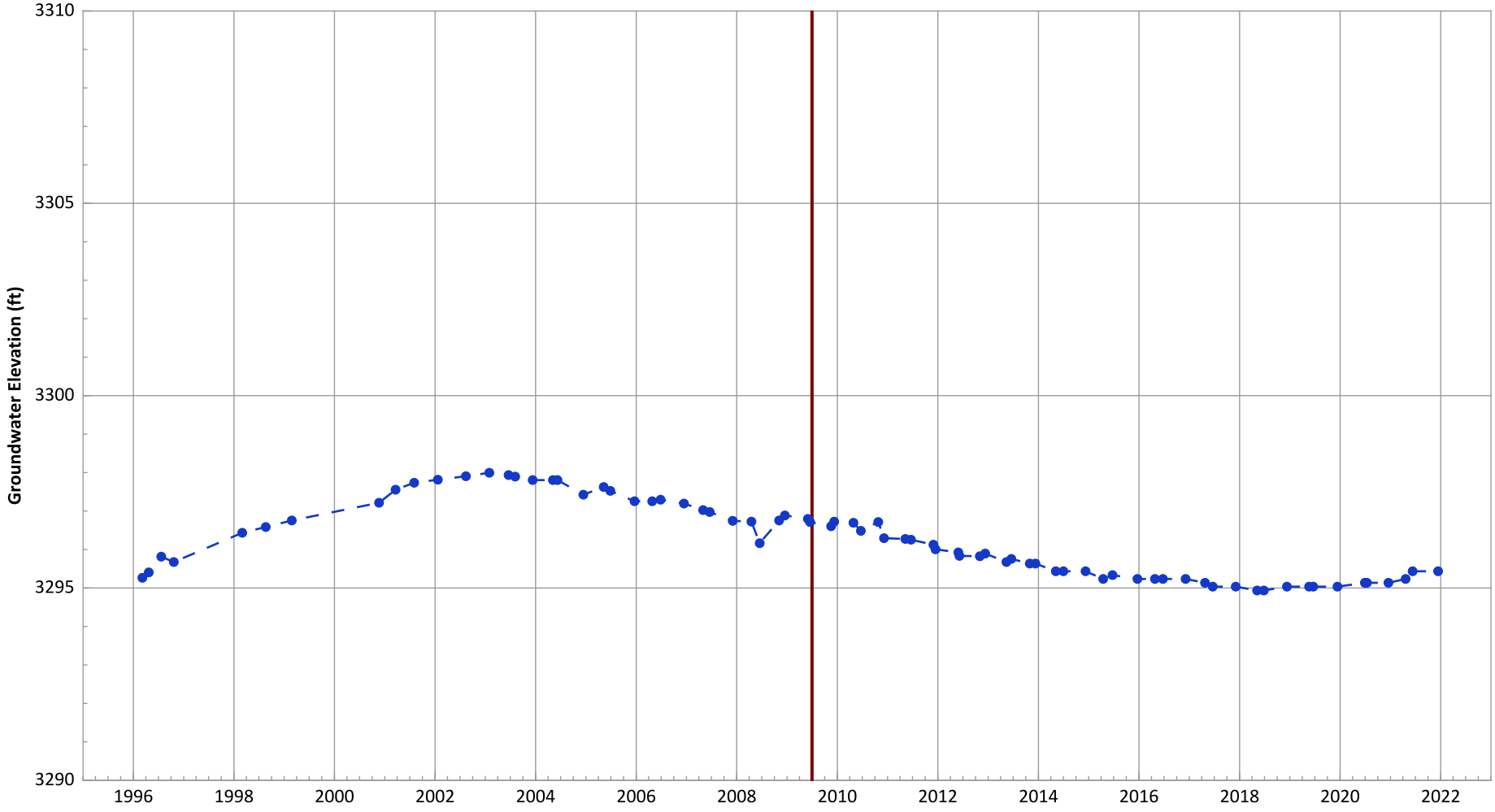
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

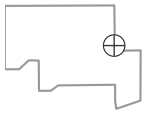


Notes:
1. Top of screen elevation is 3306.24 ft msl.
2. The bottom of screen elevation is 3286.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

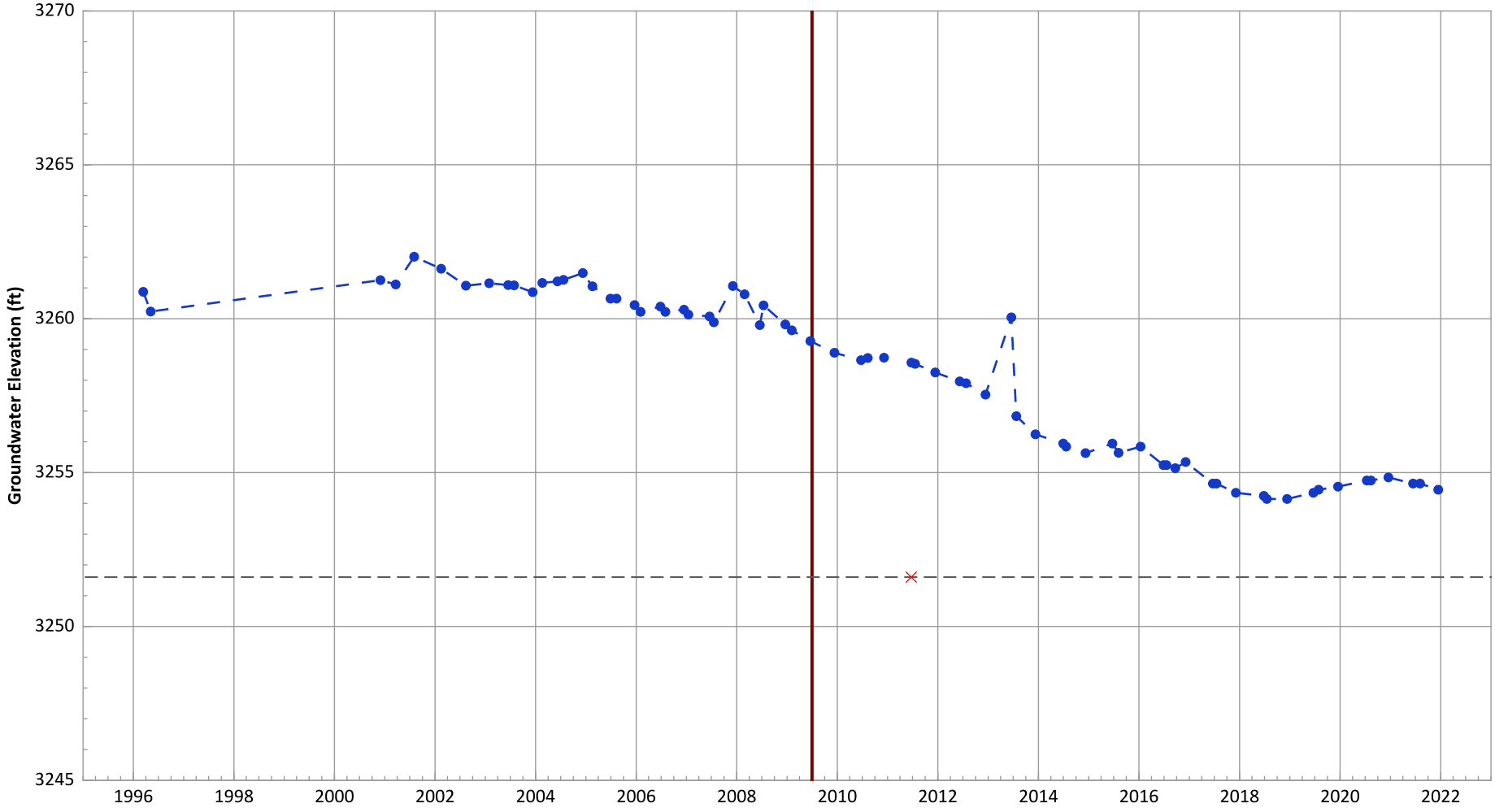
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.13 ft/yr

PTX06-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

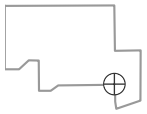


Notes:
1. Top of screen elevation is 3271.6 ft msl.
2. The bottom of screen elevation is 3251.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

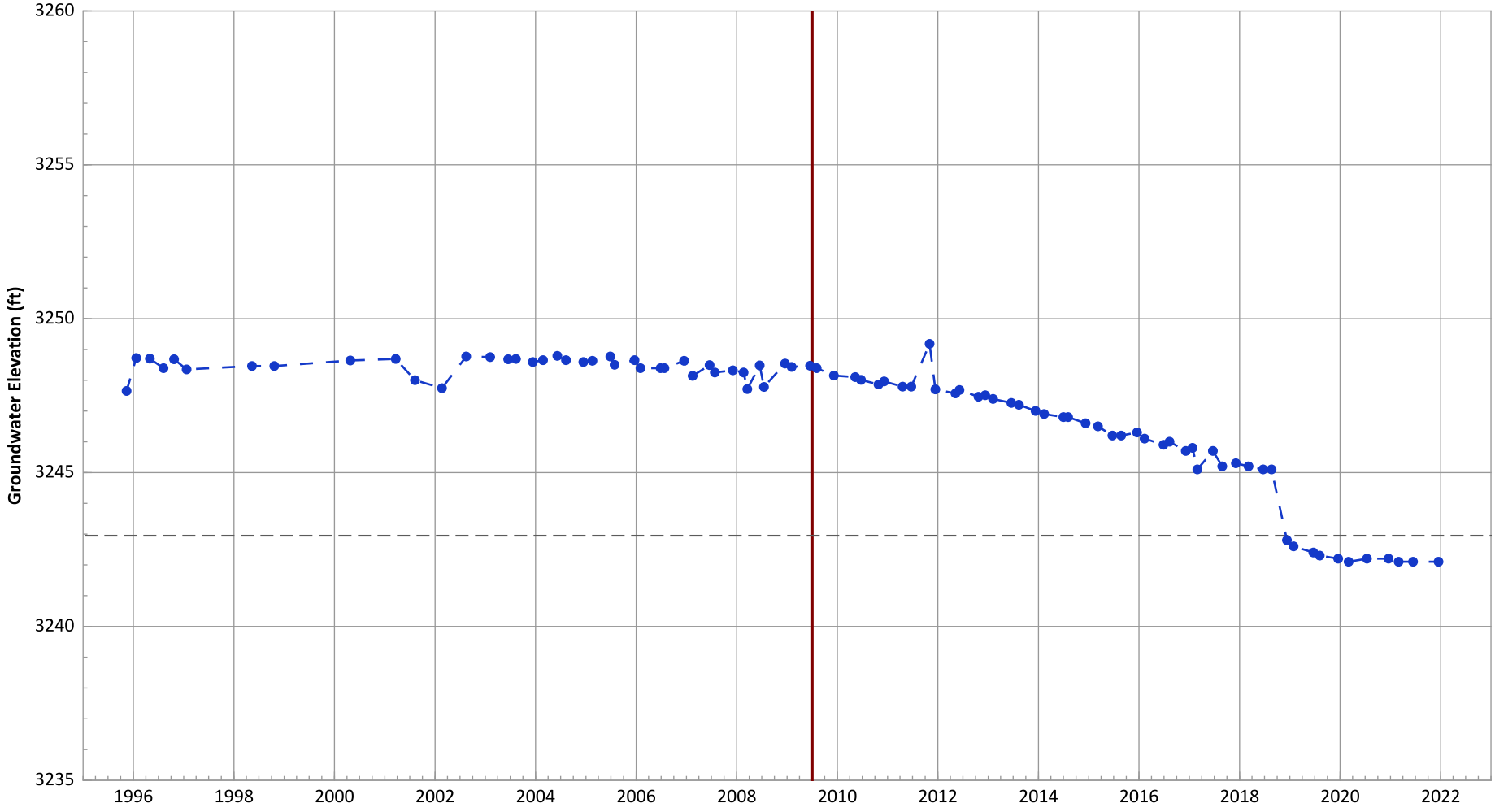
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.2 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.44 ft/yr

PTX06-1015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

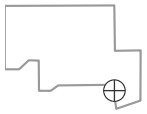


Notes:
1. Top of screen elevation is 3252.95 ft msl.
2. The bottom of screen elevation is 3242.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

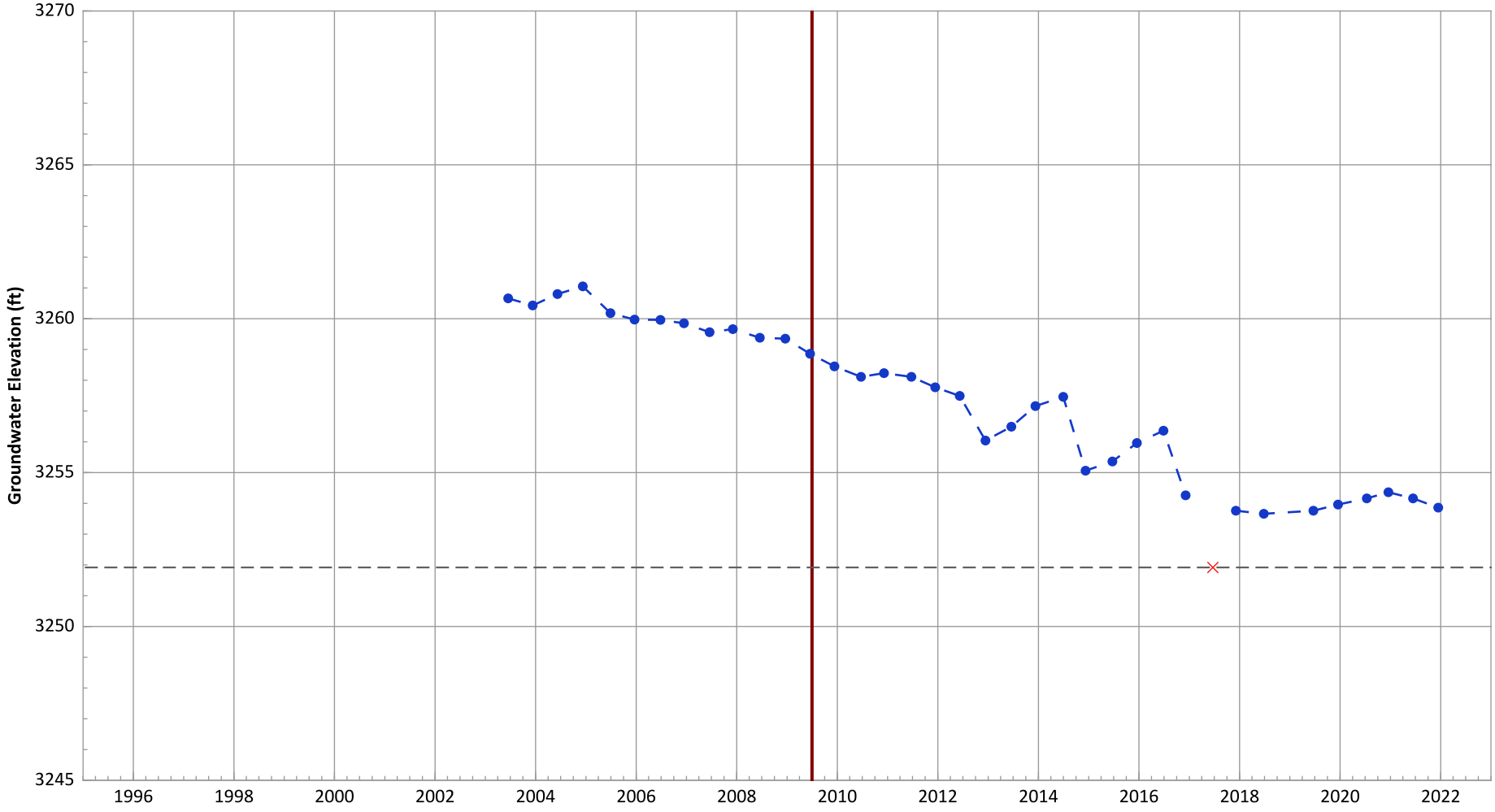
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.58 ft/yr

PTX06-1017 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

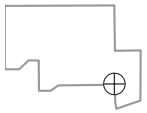


Notes:
1. Top of screen elevation is 3271.92 ft msl.
2. The bottom of screen elevation is 3251.92 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

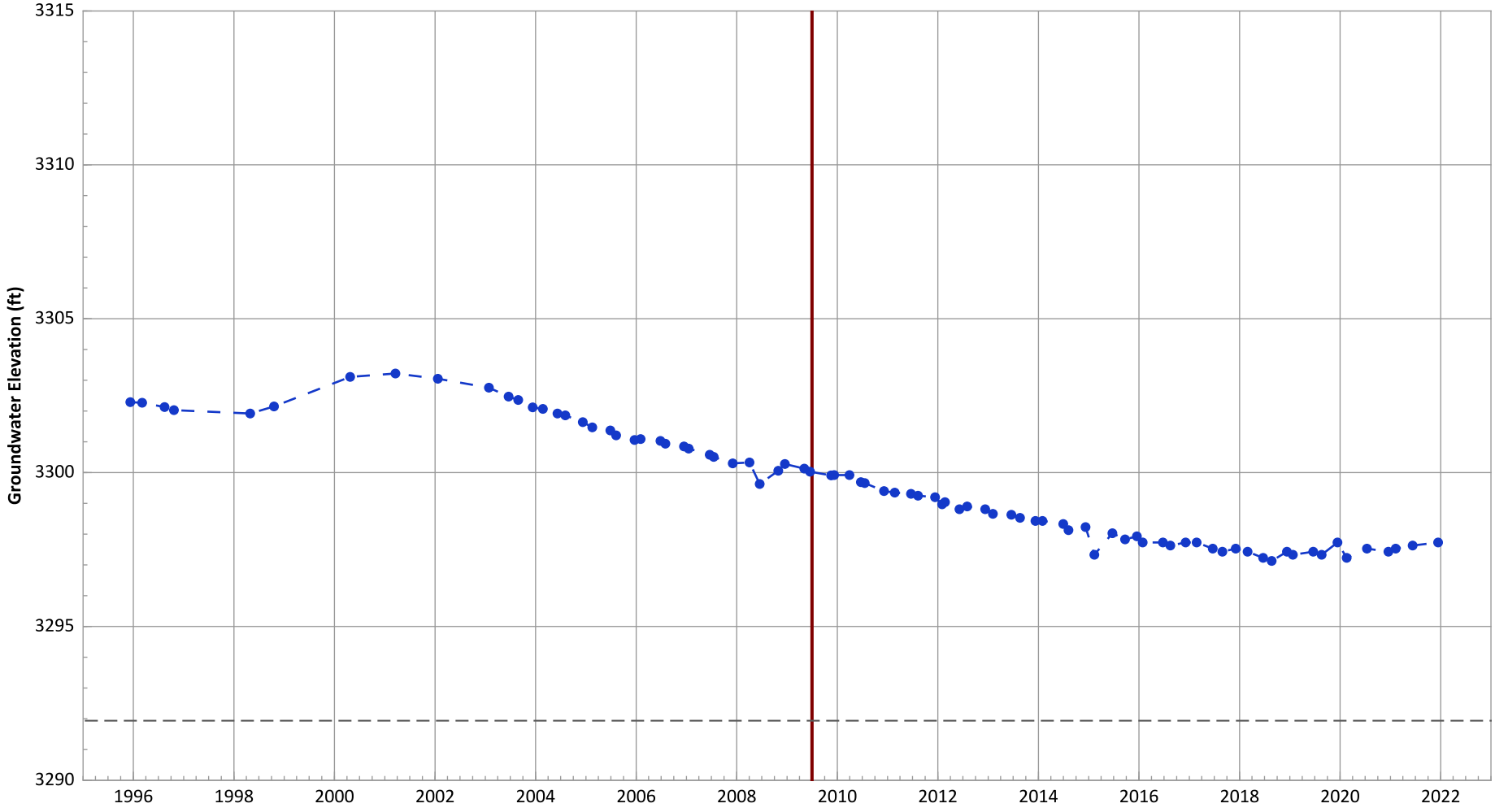
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.24 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.42 ft/yr

PTX06-1023 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

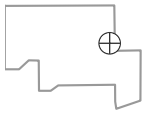


Notes:
1. Top of screen elevation is 3306.94 ft msl.
2. The bottom of screen elevation is 3291.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

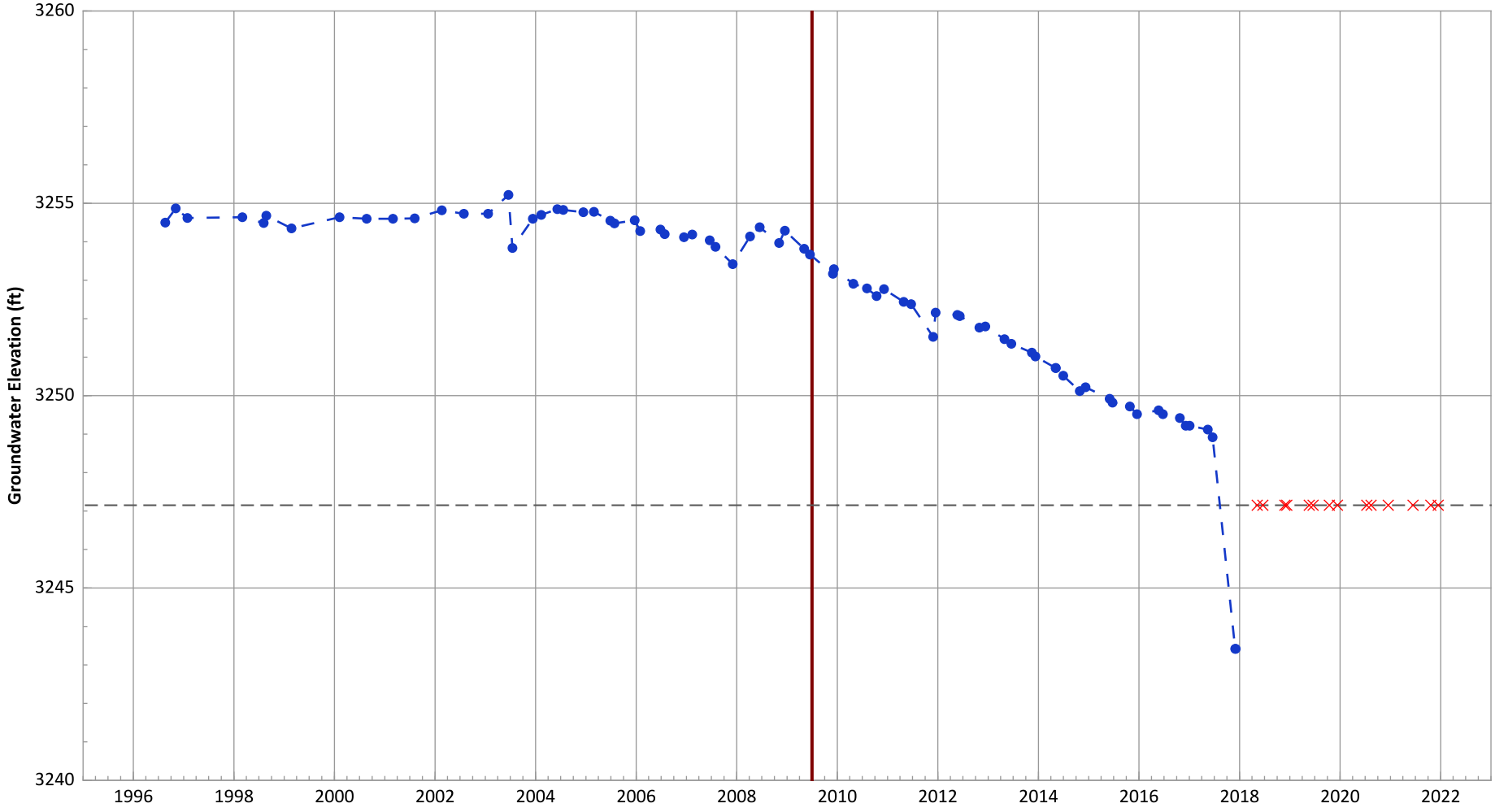
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.24 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.22 ft/yr

PTX06-1030 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

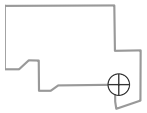


Notes:
1. Top of screen elevation is 3267.15 ft msl.
2. The bottom of screen elevation is 3247.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

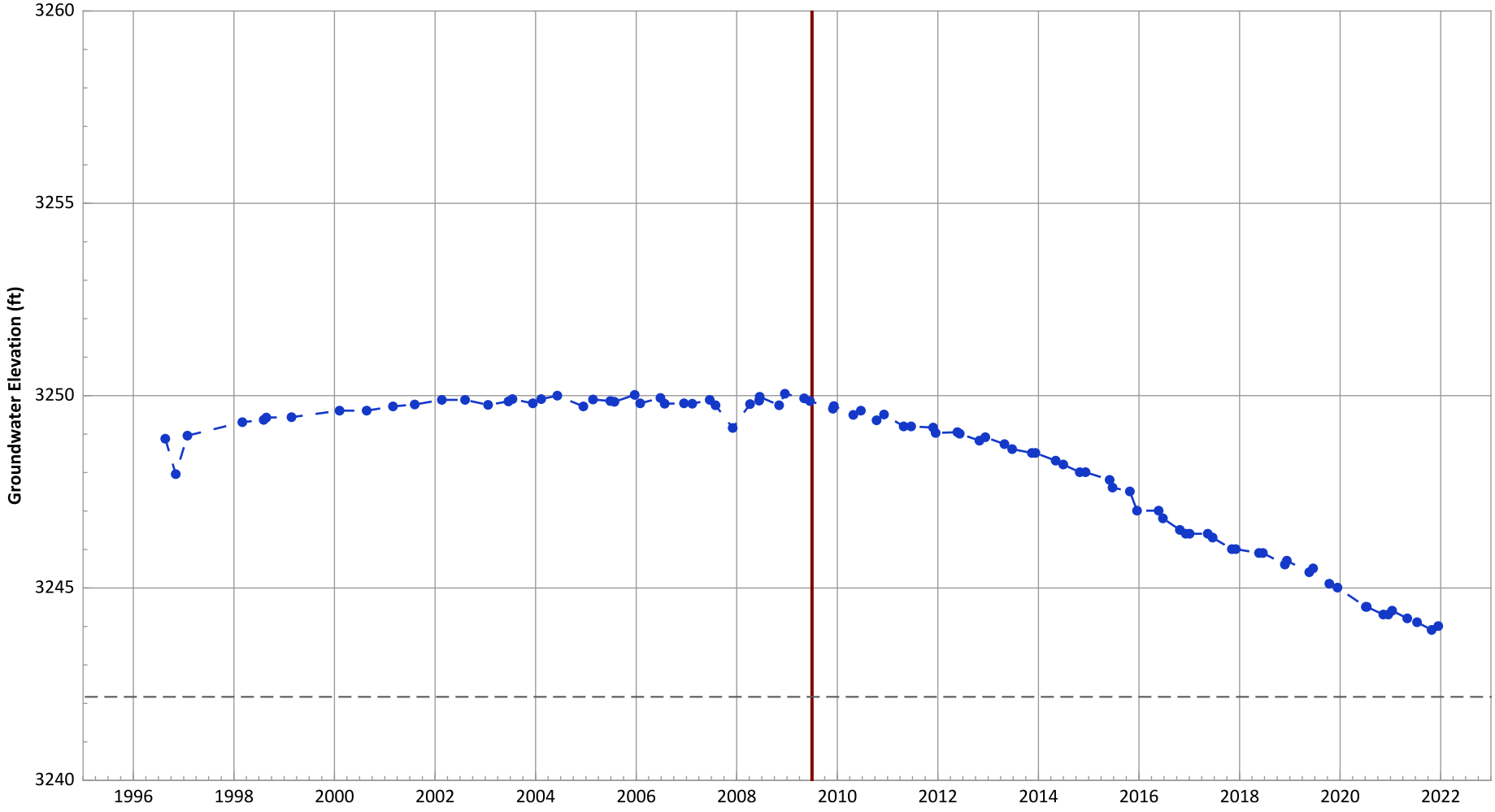
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 0.77 ft/yr

PTX06-1031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

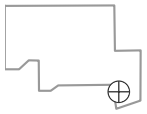


Notes:
1. Top of screen elevation is 3262.17 ft msl.
2. The bottom of screen elevation is 3242.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

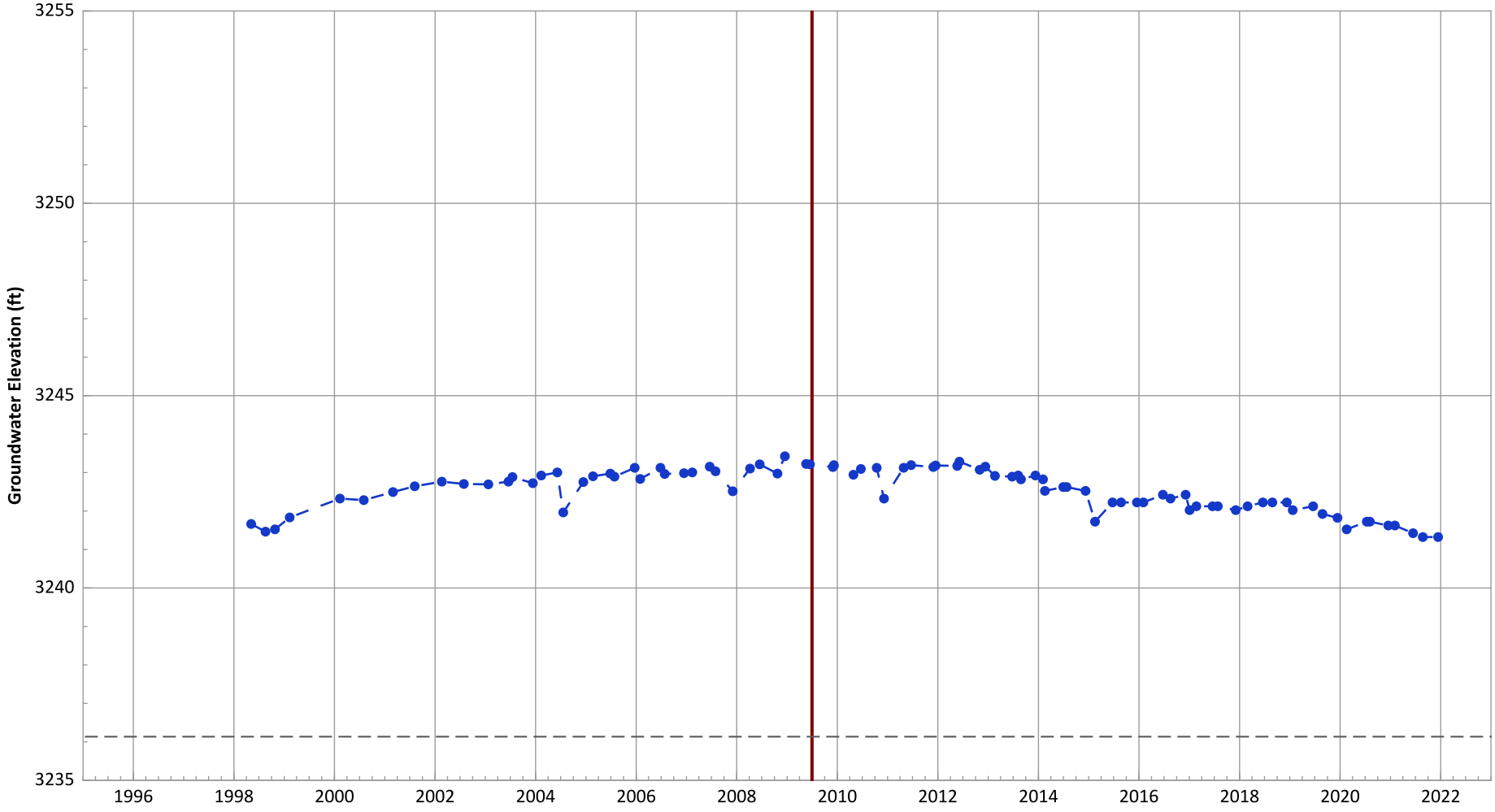
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.39 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.51 ft/yr

PTX06-1034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

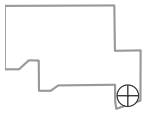


Notes:
1. Top of screen elevation is 3249.84 ft msl.
2. The bottom of screen elevation is 3236.14 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

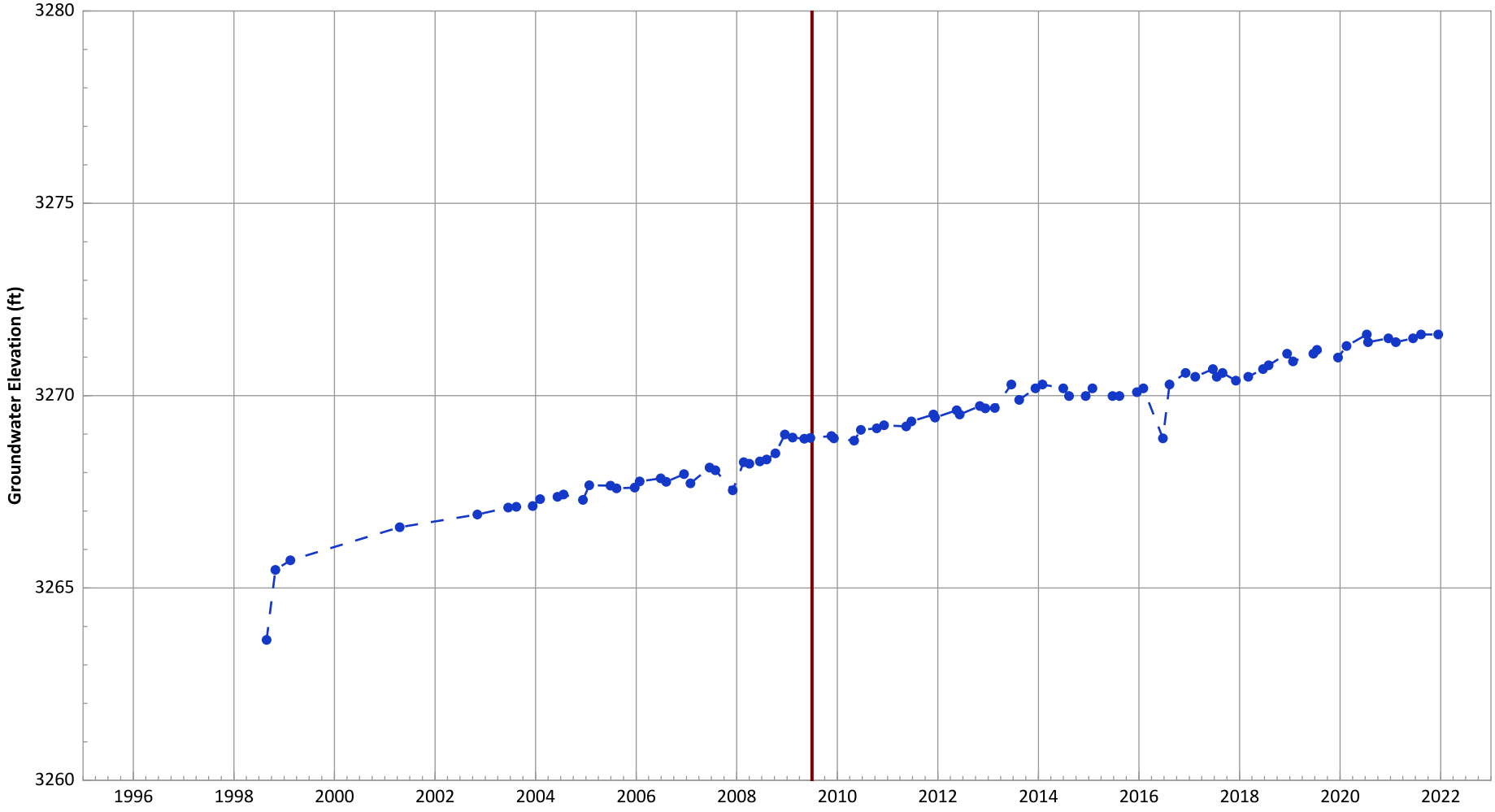
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.2 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.15 ft/yr

PTX06-1035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

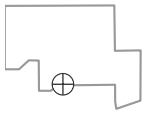


Notes:
1. Top of screen elevation is 3269.88 ft msl.
2. The bottom of screen elevation is 3256.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

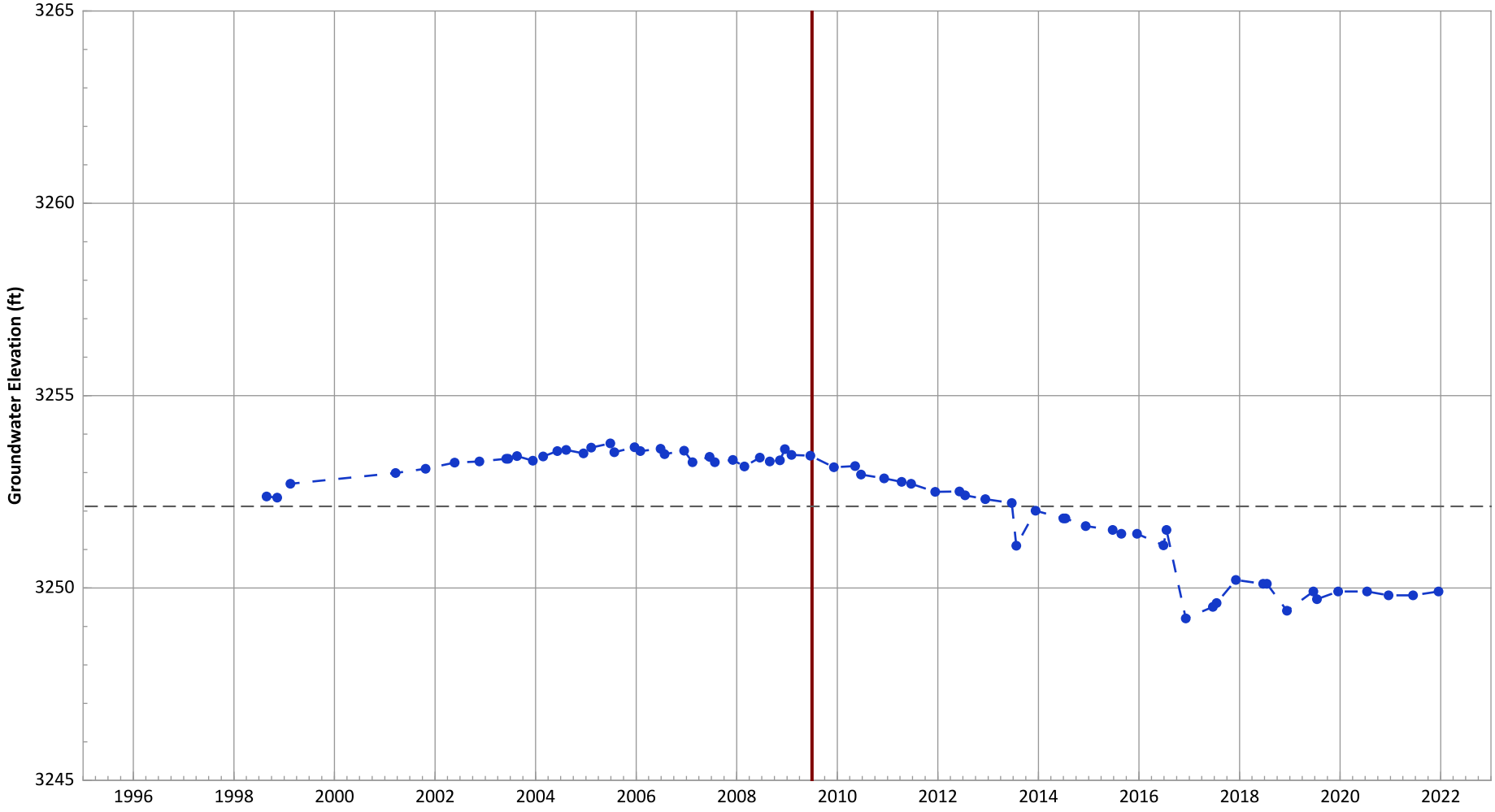
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.21 ft/yr

PTX06-1036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

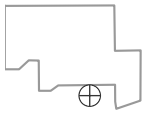


Notes:
1. Top of screen elevation is 3265.72 ft msl.
2. The bottom of screen elevation is 3252.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

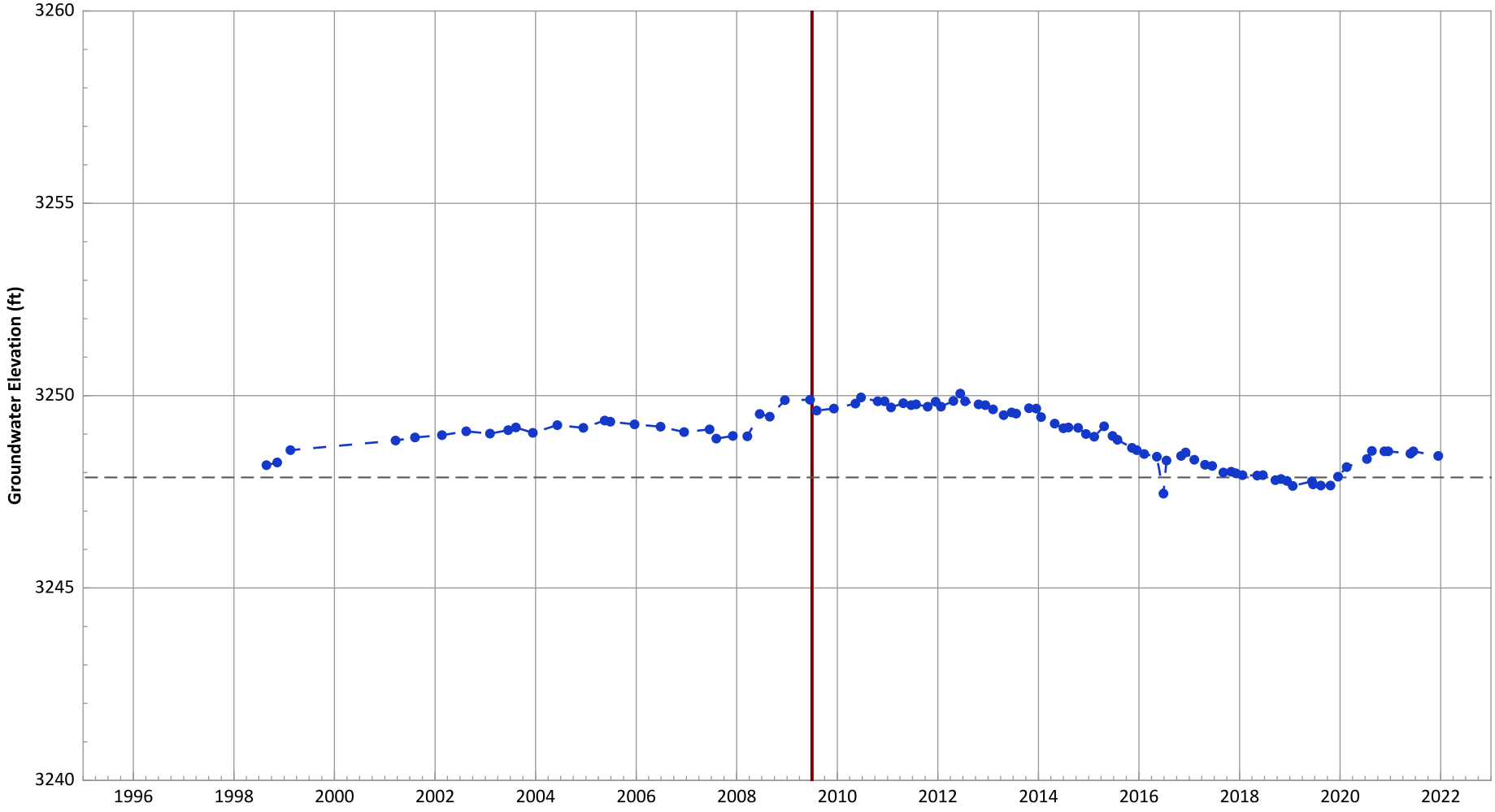
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.34 ft/yr

PTX06-1037 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

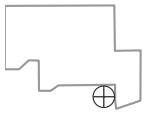


Notes:
1. Top of screen elevation is 3261.47 ft msl.
2. The bottom of screen elevation is 3247.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

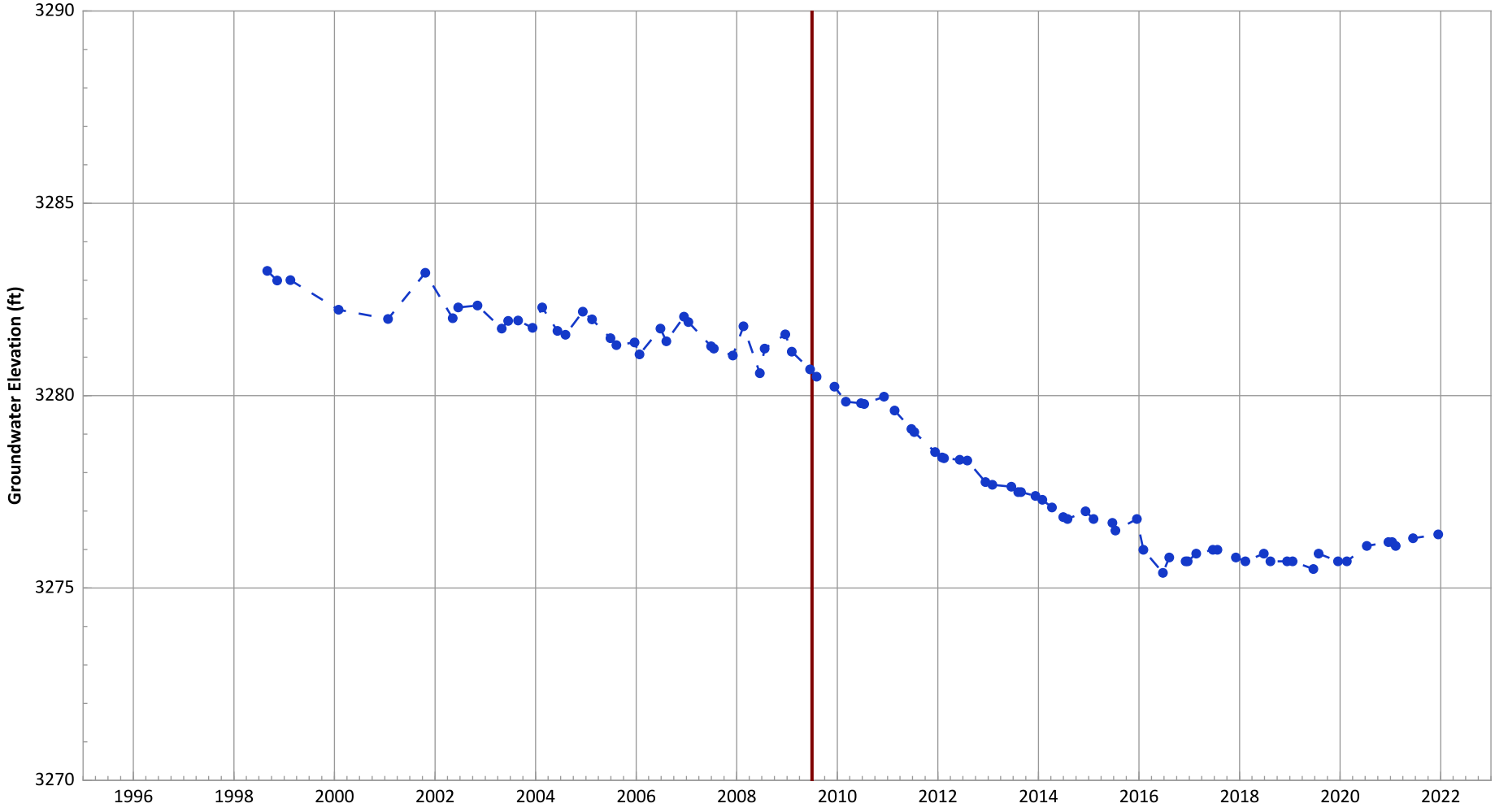
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.2 ft/yr

PTX06-1038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

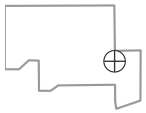


Notes:
1. Top of screen elevation is 3284.33 ft msl.
2. The bottom of screen elevation is 3260.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

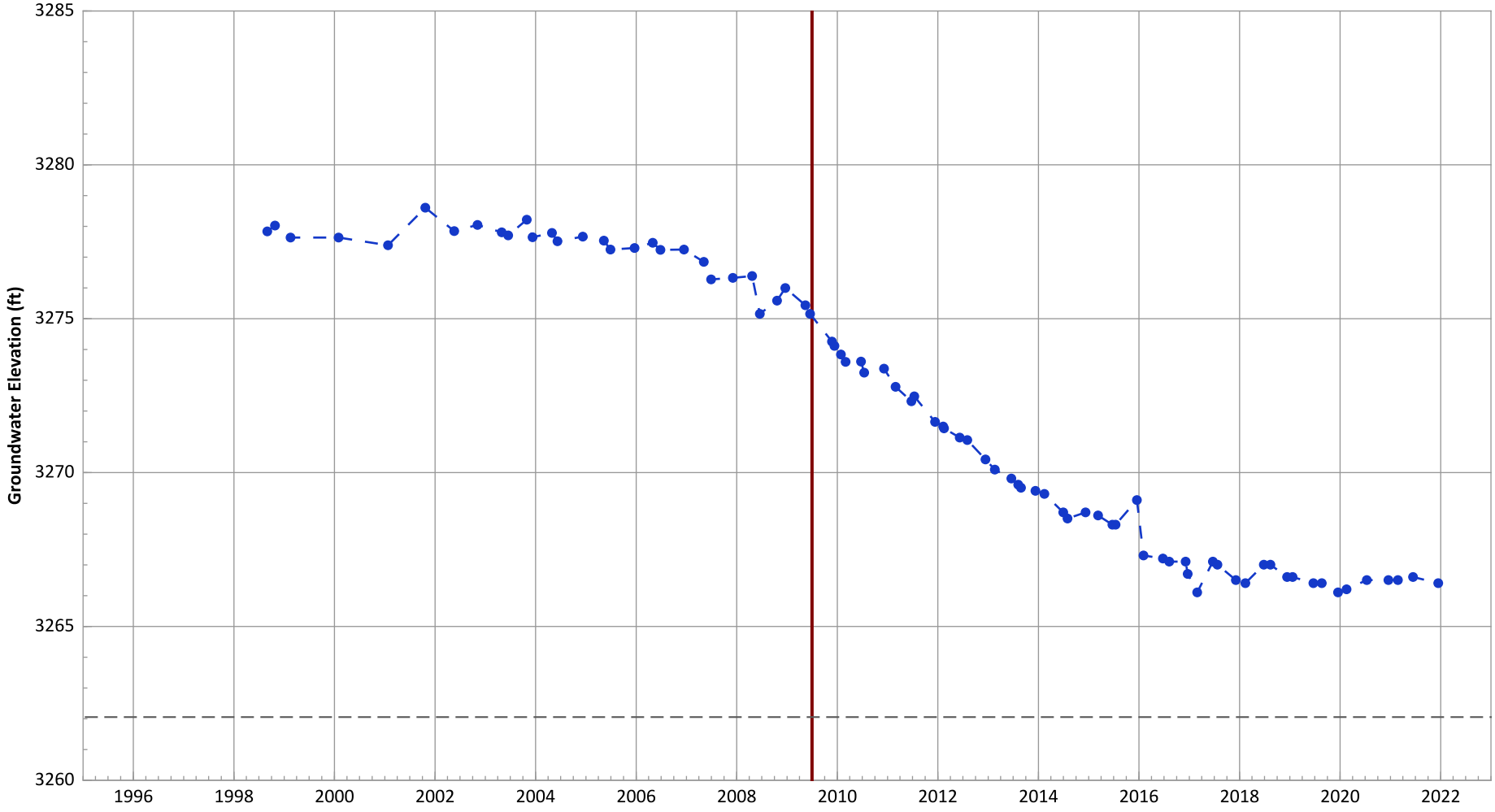
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.34 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.37 ft/yr

PTX06-1039A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

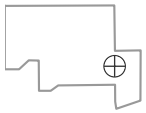


Notes:
1. Top of screen elevation is 3285.76 ft msl.
2. The bottom of screen elevation is 3262.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

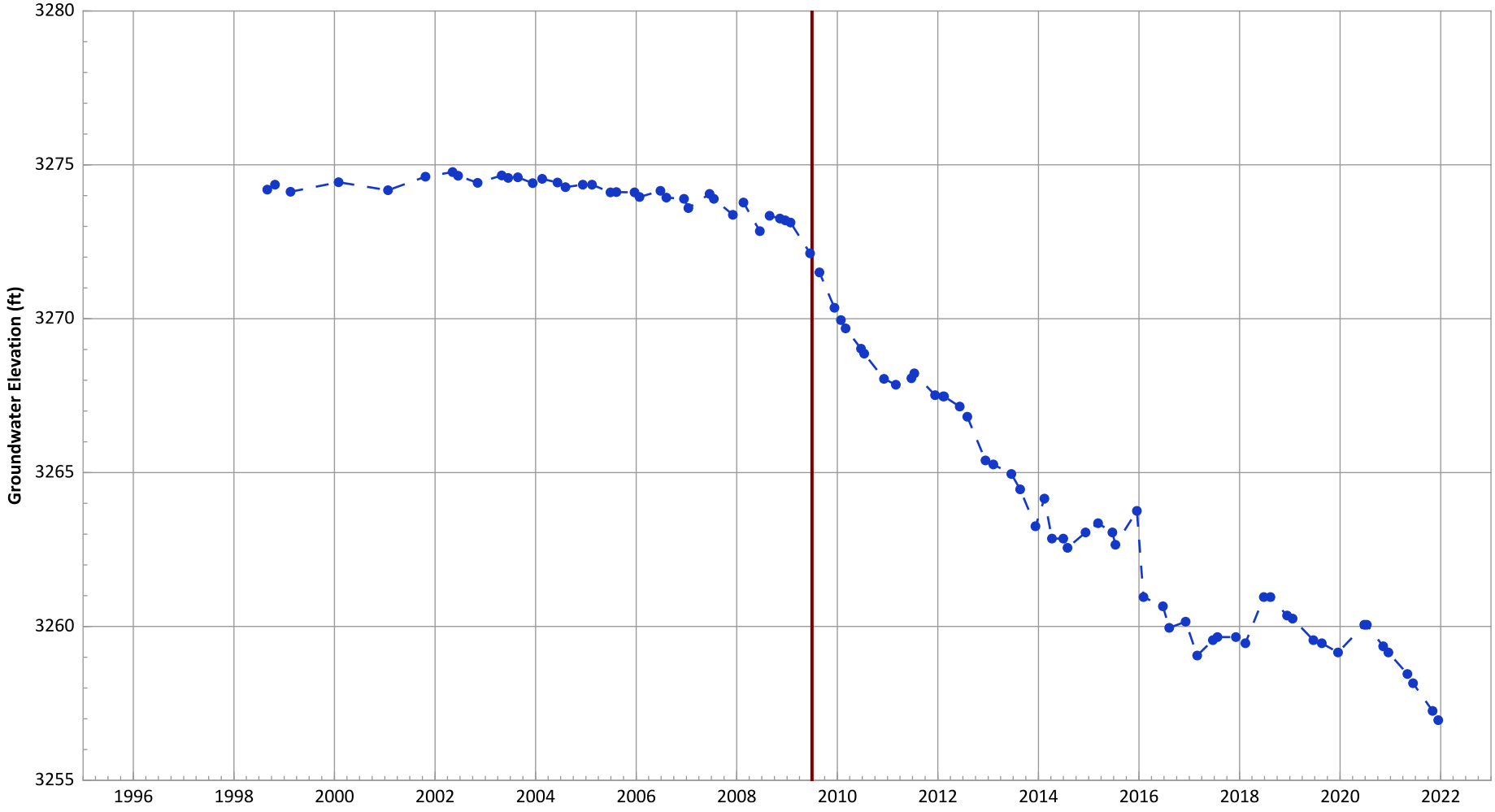
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.1 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.7 ft/yr

PTX06-1040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

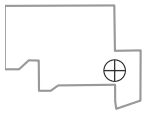


Notes:
1. Top of screen elevation is 3295.32 ft msl.
2. The bottom of screen elevation is 3254.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

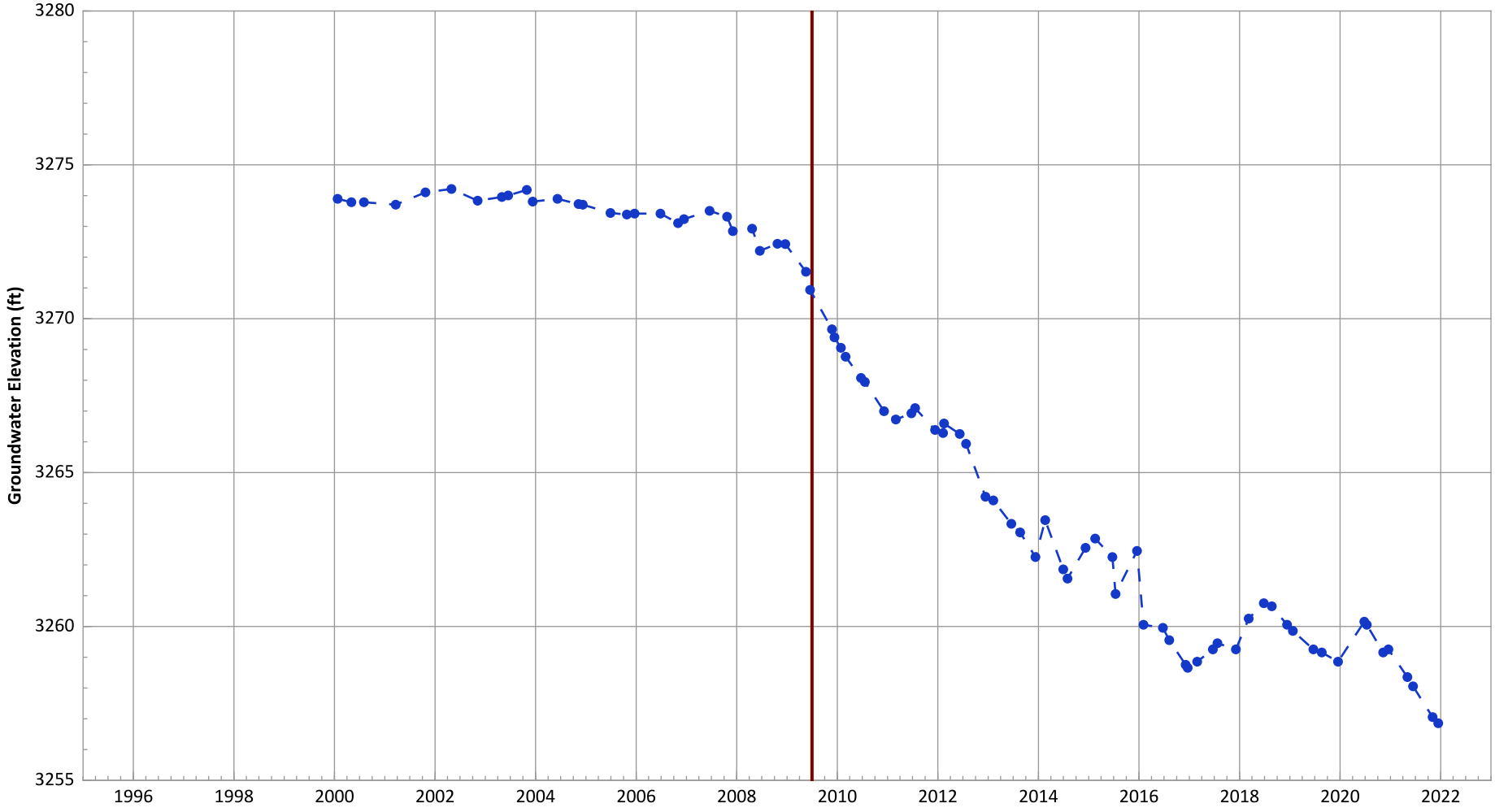
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 2.11 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.02 ft/yr

PTX06-1041 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

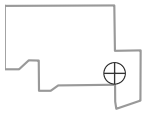


Notes:
1. Top of screen elevation is 3279.61 ft msl.
2. The bottom of screen elevation is 3239.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

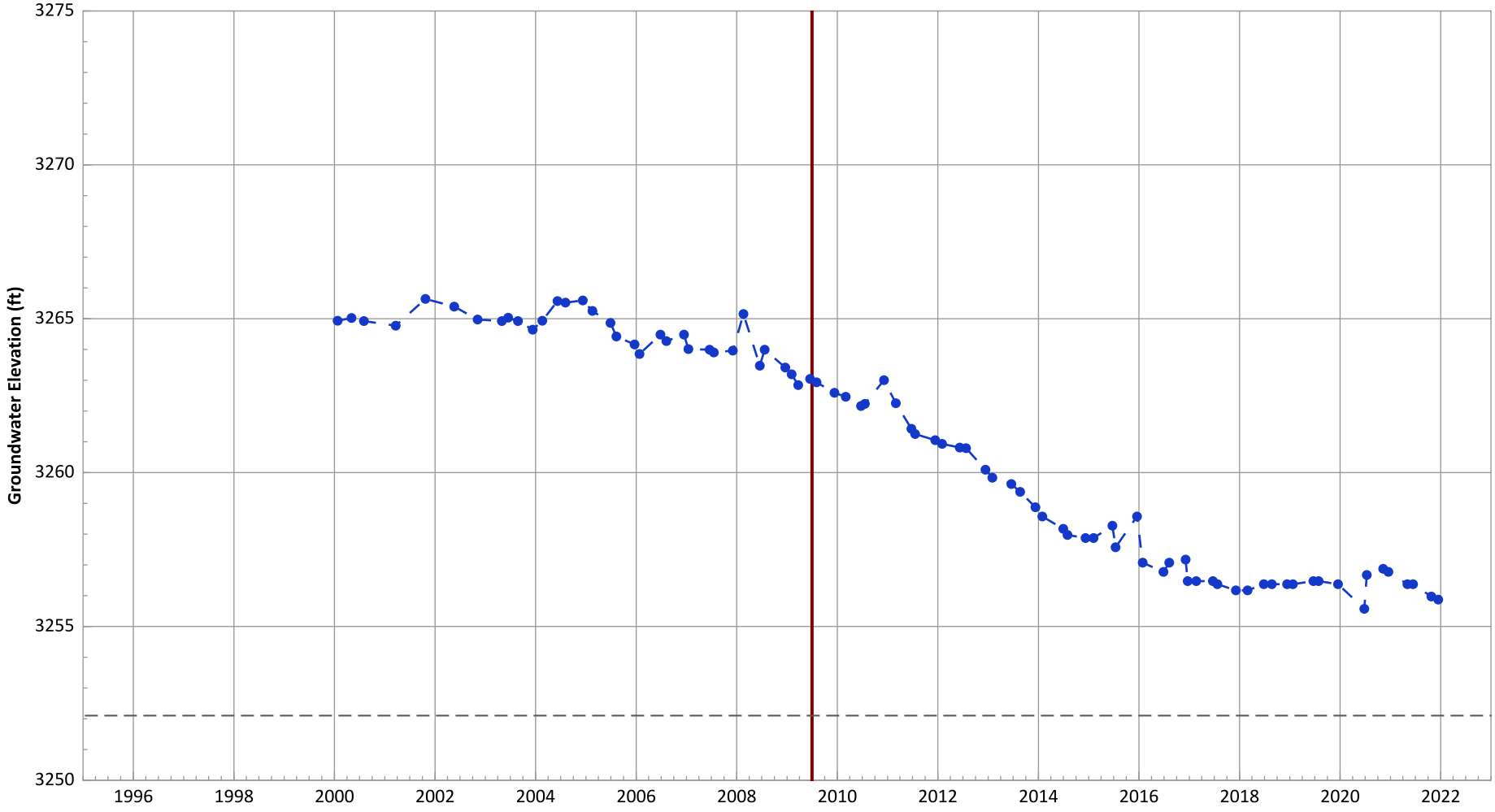
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 2.24 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.92 ft/yr

PTX06-1042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

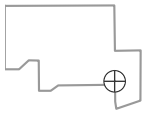


Notes:
1. Top of screen elevation is 3272.1 ft msl.
2. The bottom of screen elevation is 3252.1 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

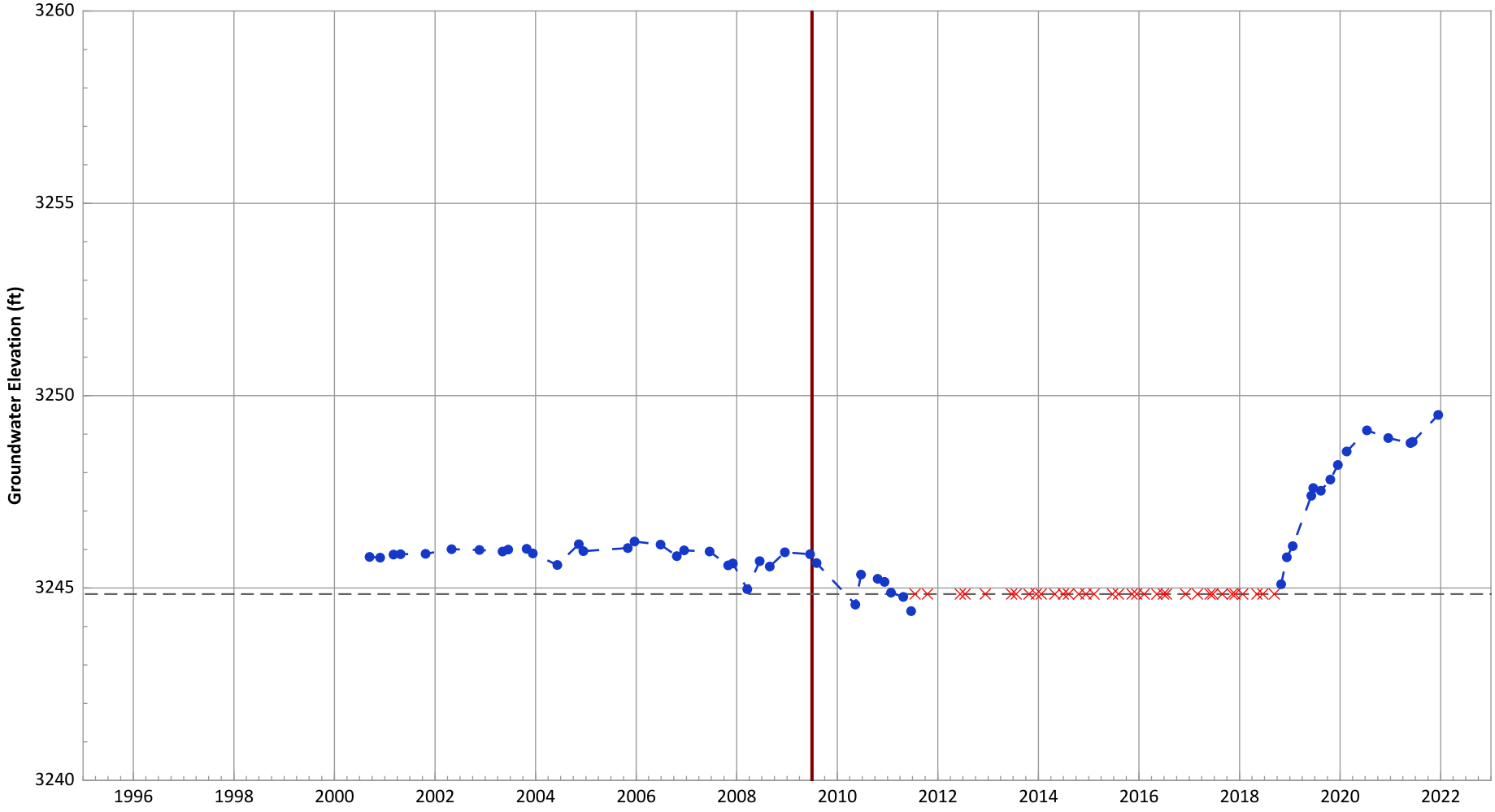
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.24 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.59 ft/yr

PTX06-1045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

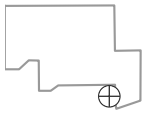


Notes:
1. Top of screen elevation is 3264.84 ft msl.
2. The bottom of screen elevation is 3244.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

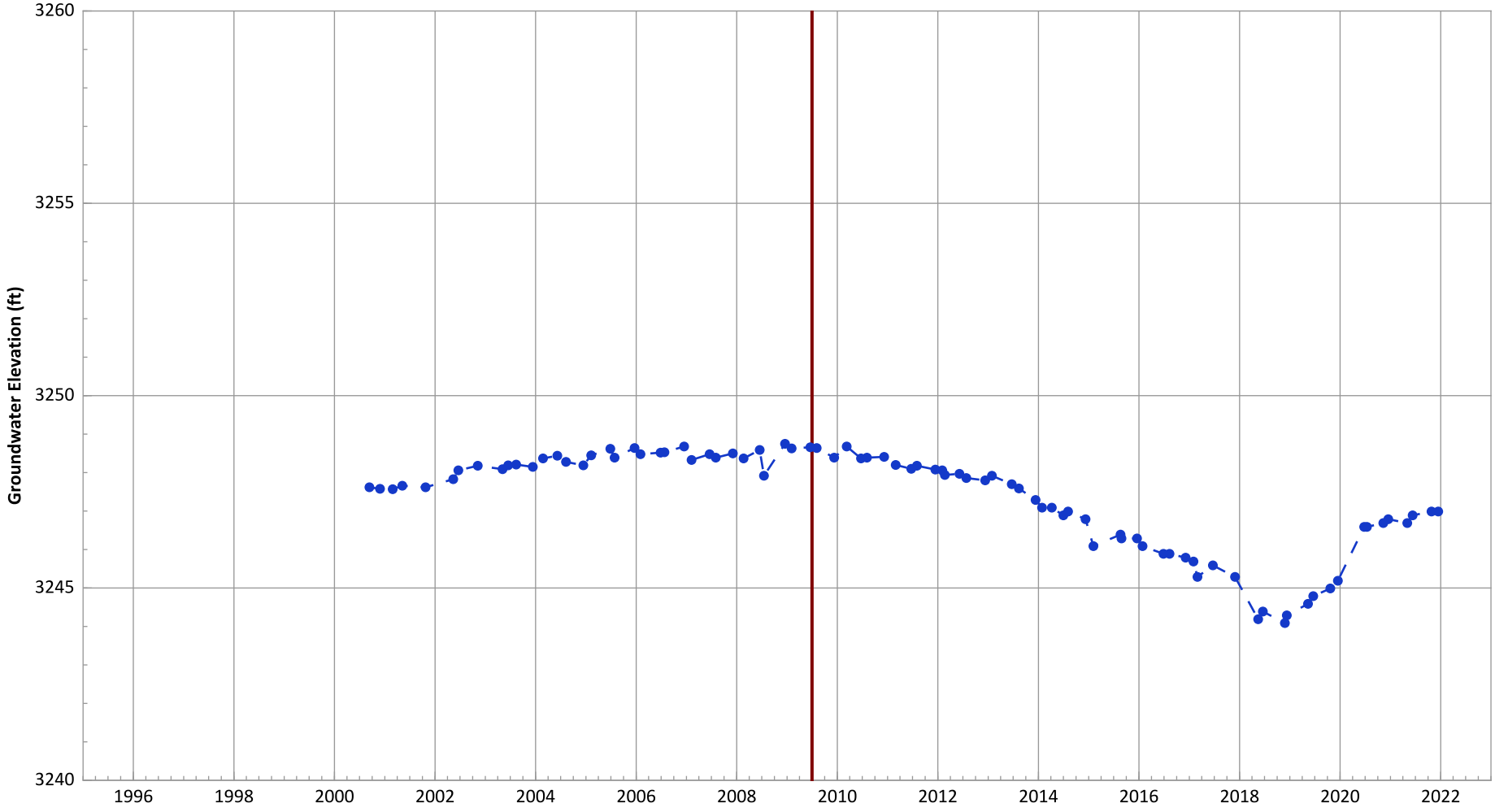
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.3 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.33 ft/yr

PTX06-1046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

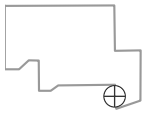


Notes:
1. Top of screen elevation is 3253.04 ft msl.
2. The bottom of screen elevation is 3233.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

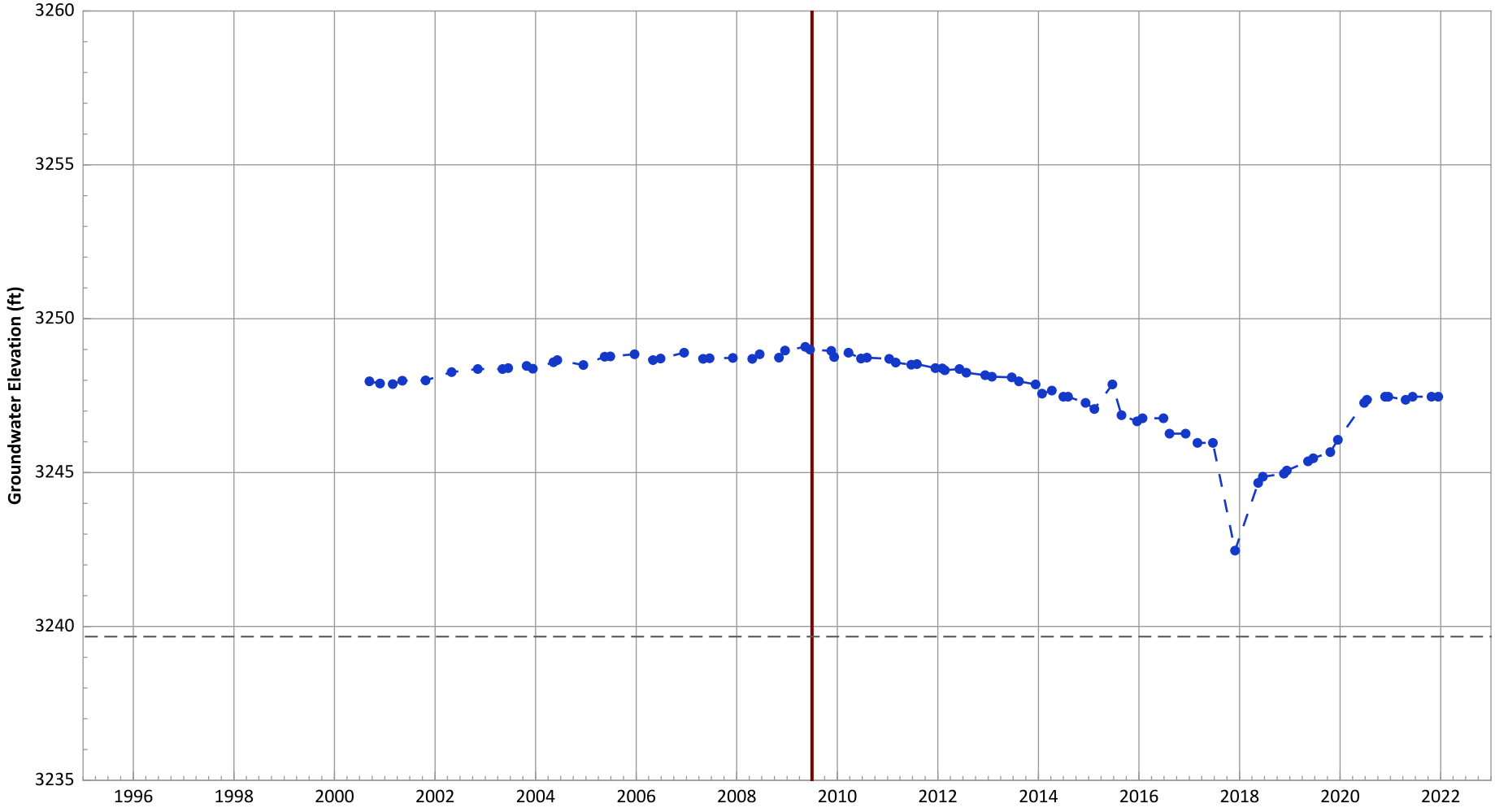
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.27 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.26 ft/yr

PTX06-1047A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

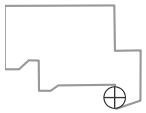


Notes:
1. Top of screen elevation is 3259.67 ft msl.
2. The bottom of screen elevation is 3239.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

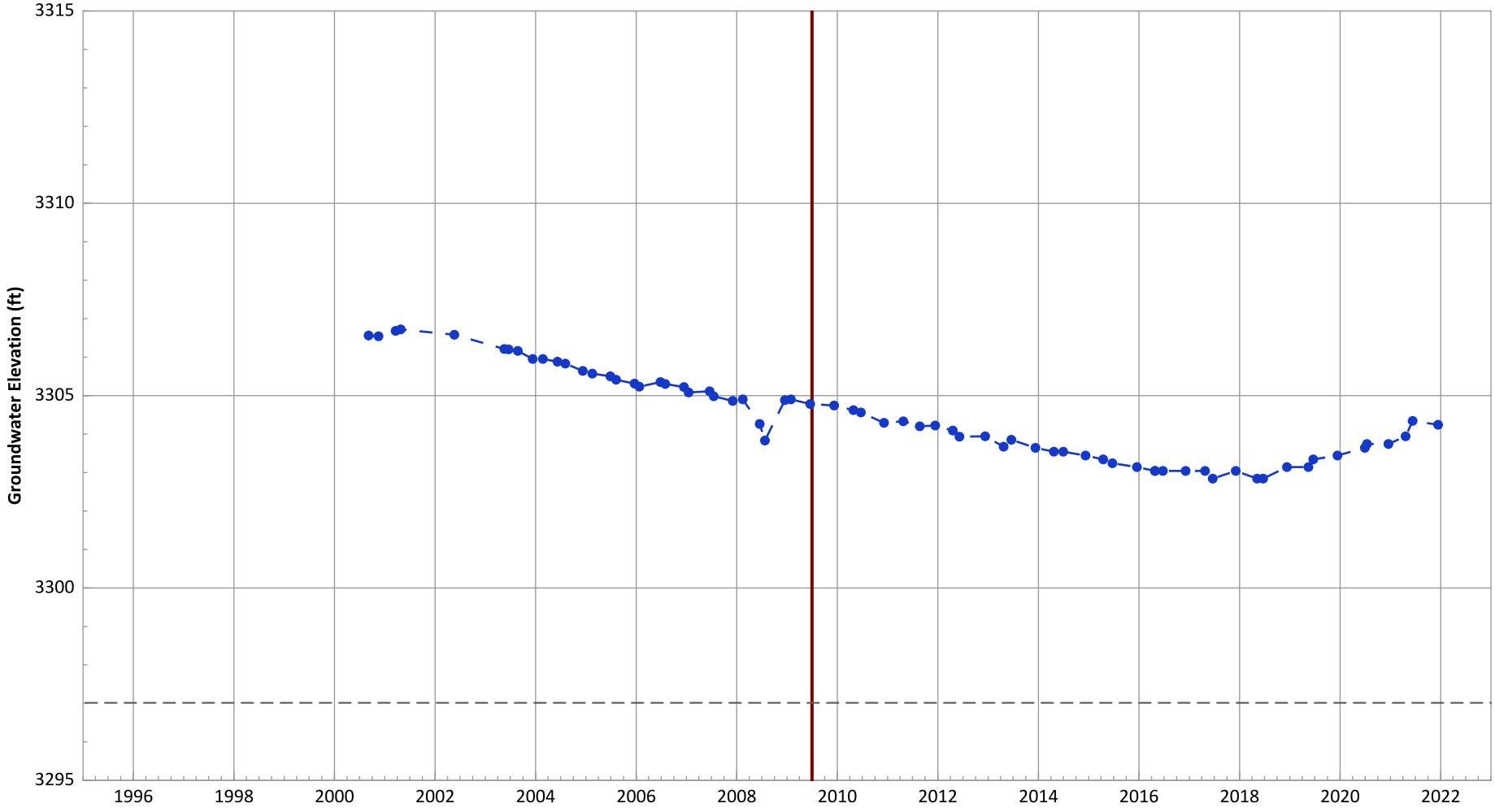
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.24 ft/yr

PTX06-1048A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

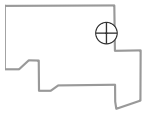


Notes:
1. Top of screen elevation is 3317.01 ft msl.
2. The bottom of screen elevation is 3297.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

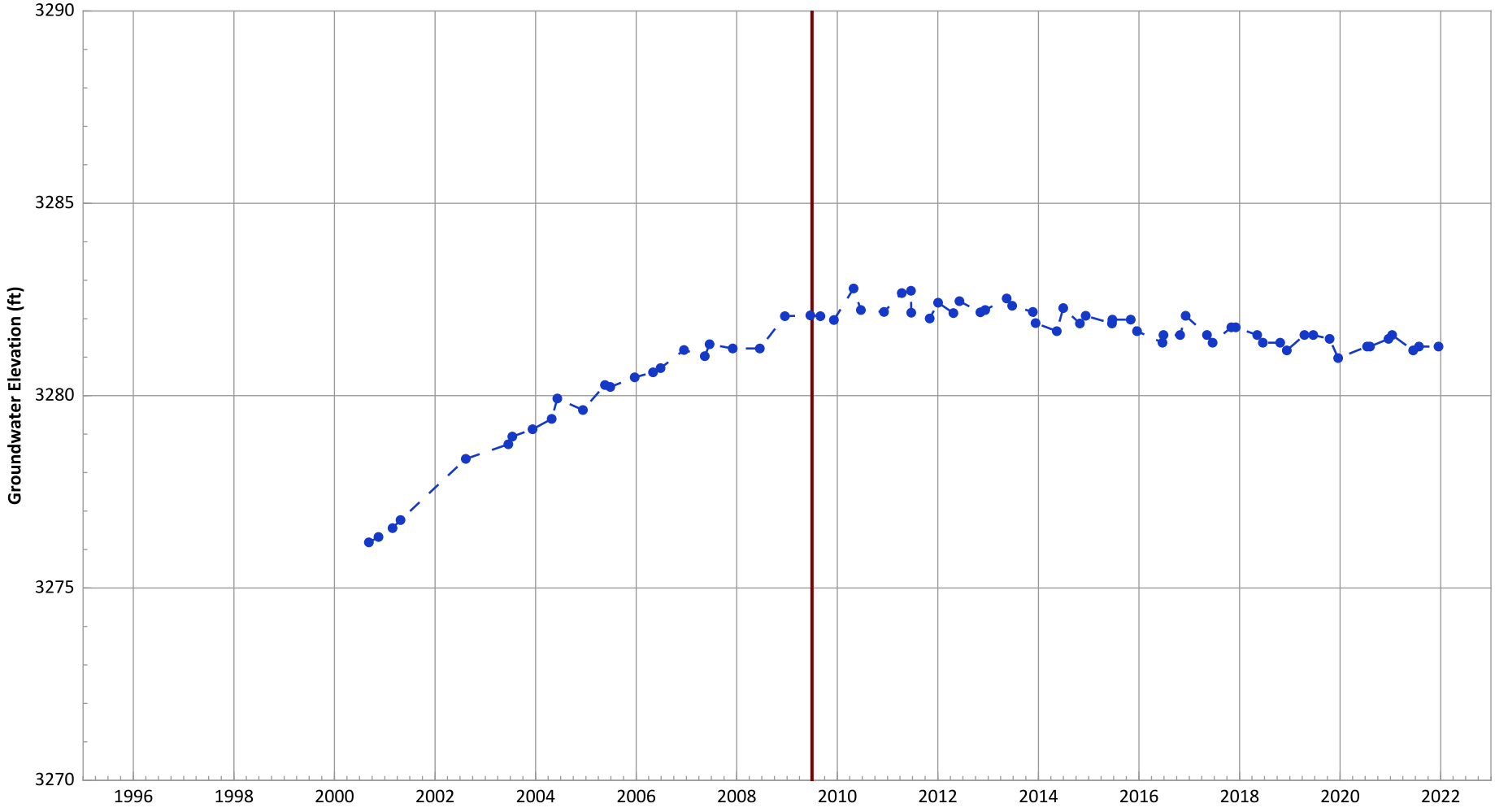
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.45 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

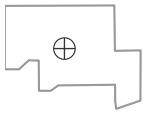


Notes:
1. Top of screen elevation is 3283.38 ft msl.
2. The bottom of screen elevation is 3243.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

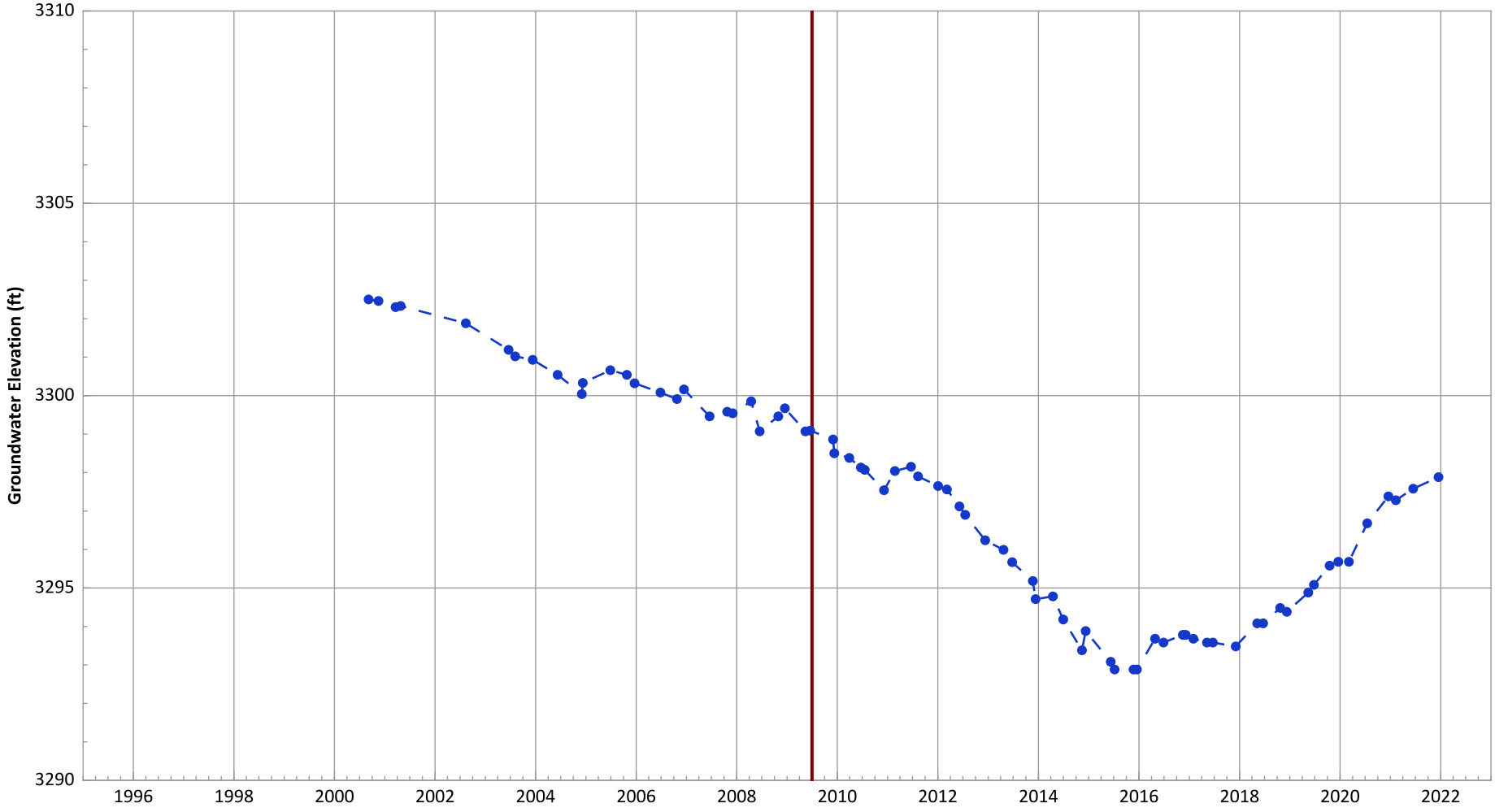
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

PTX06-1050 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

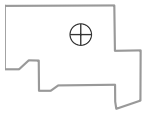


Notes:
1. Top of screen elevation is 3294.96 ft msl.
2. The bottom of screen elevation is 3264.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

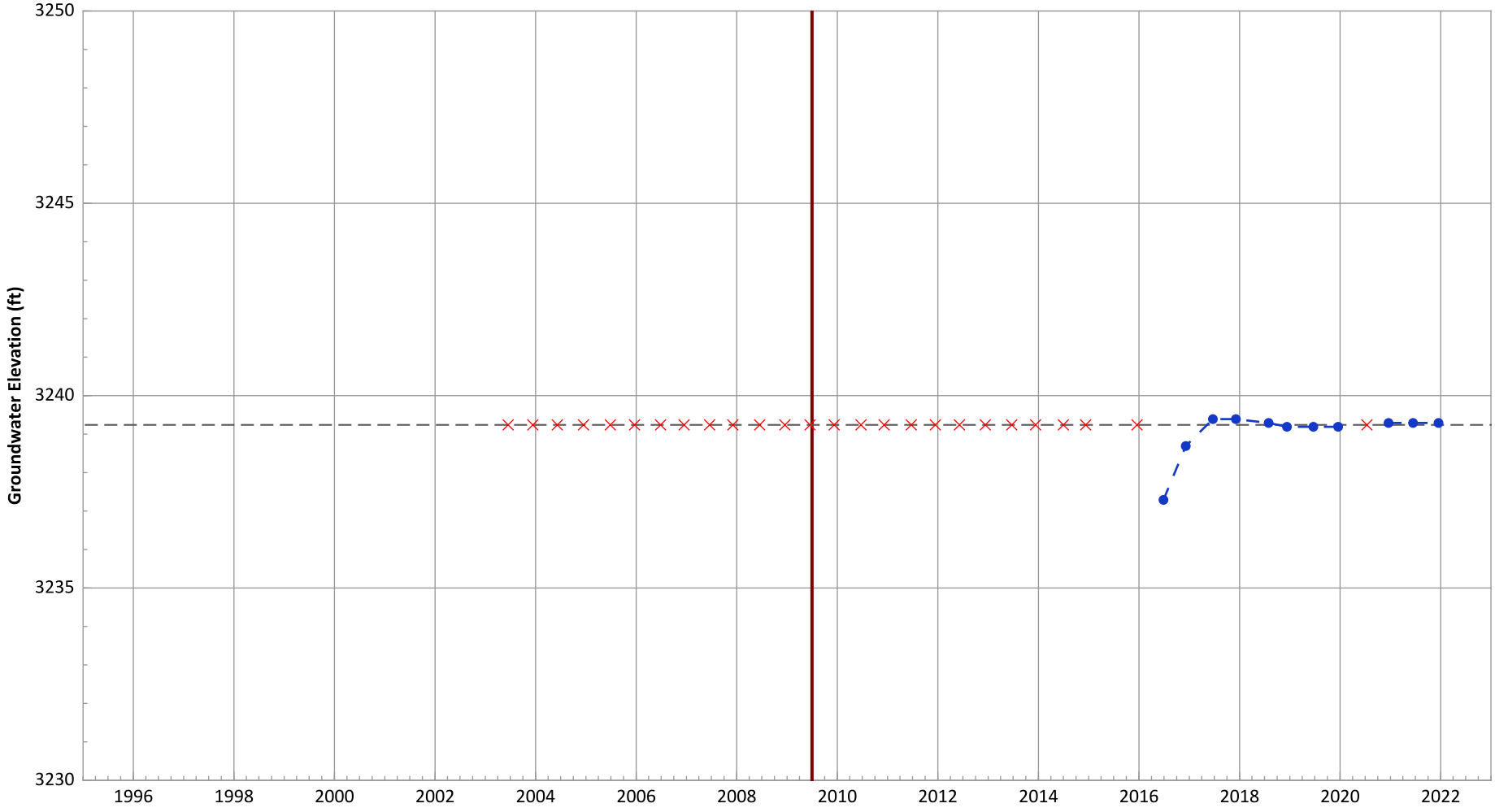
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.16 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.21 ft/yr

PTX06-1051 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

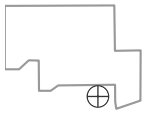


Notes:
1. Top of screen elevation is 3249.24 ft msl.
2. The bottom of screen elevation is 3239.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

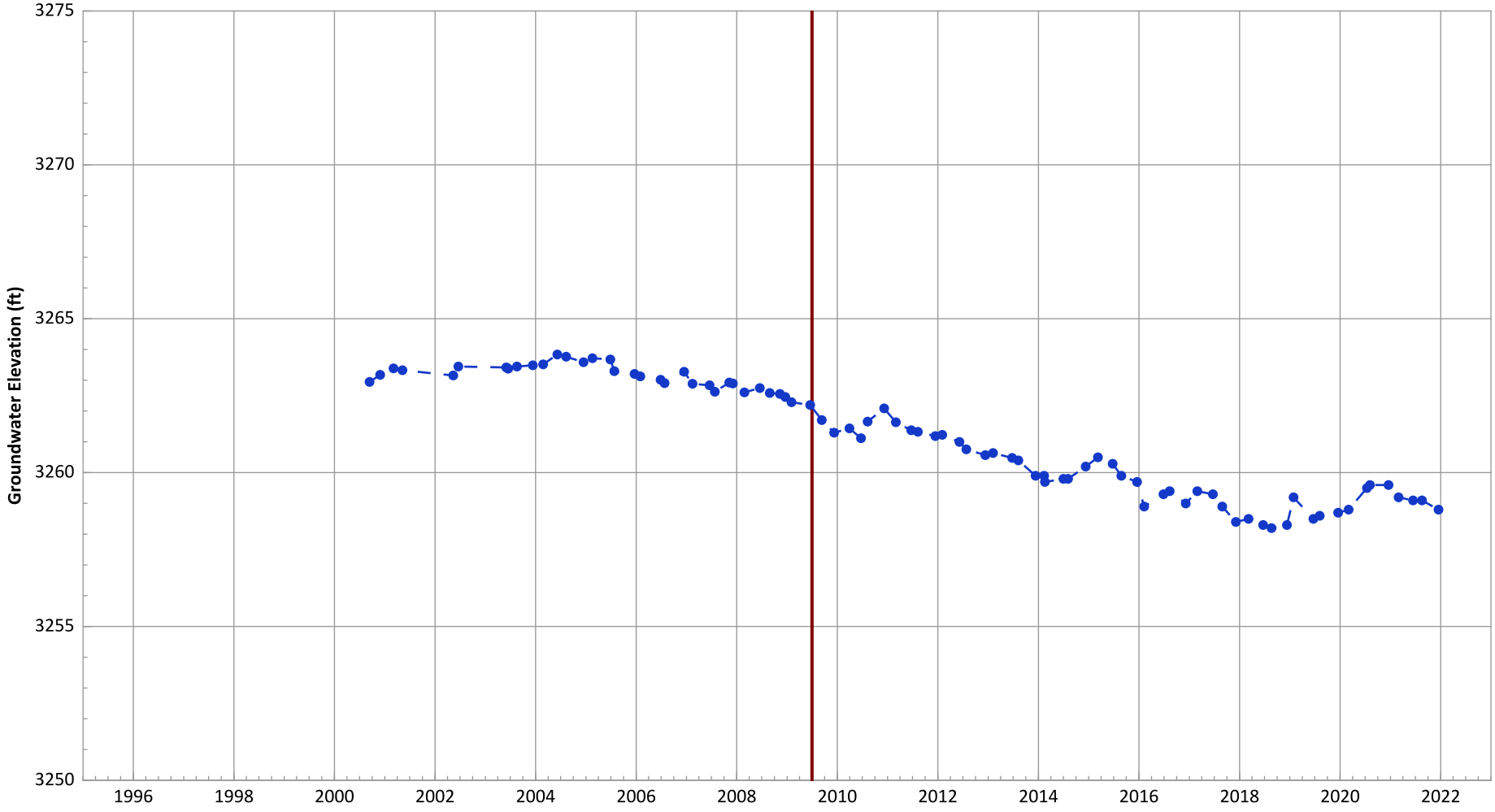
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.18 ft/yr

PTX06-1052 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

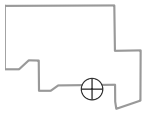


Notes:
1. Top of screen elevation is 3266.45 ft msl.
2. The bottom of screen elevation is 3246.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

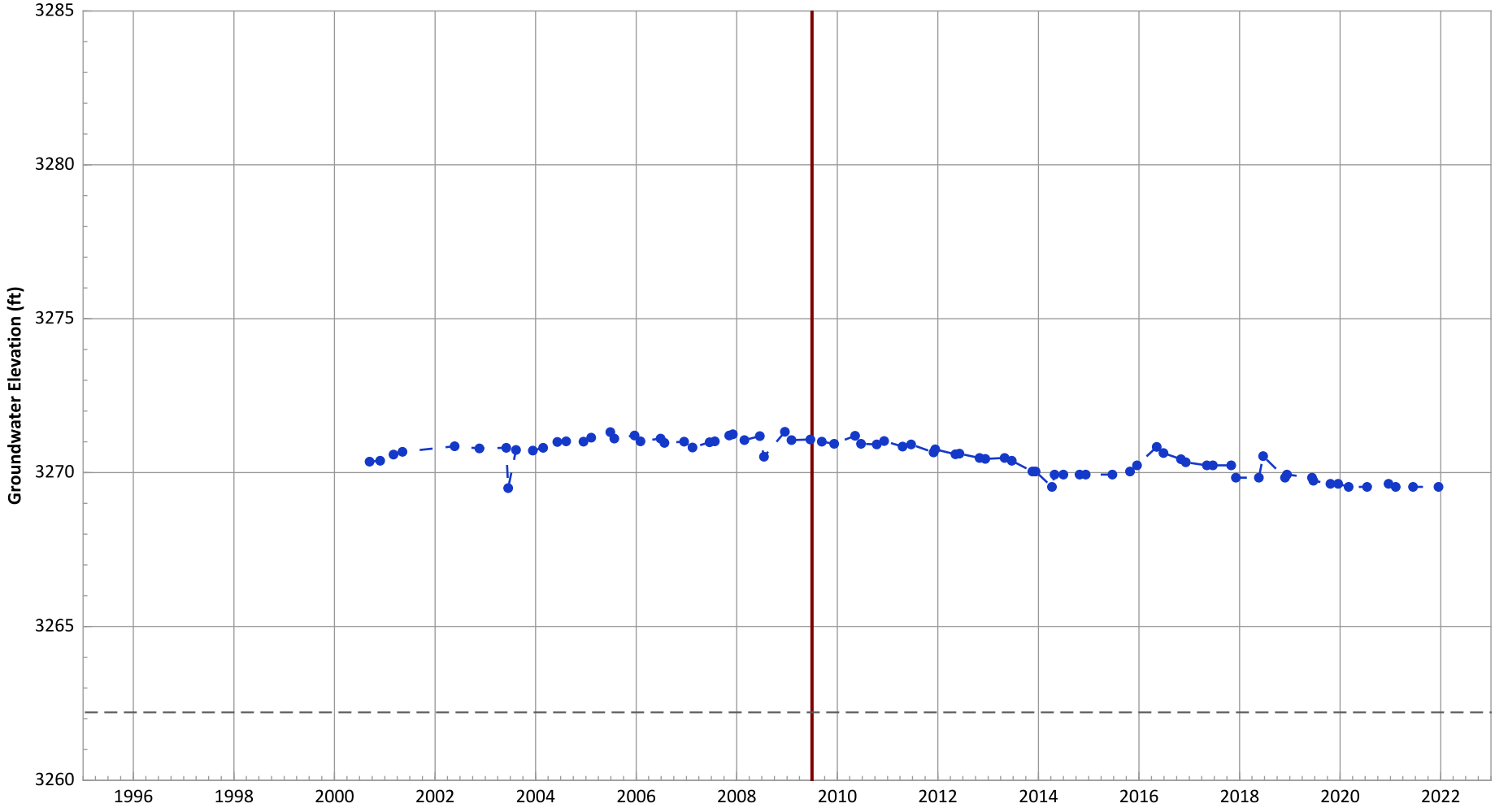
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.19 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.26 ft/yr

PTX06-1053 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

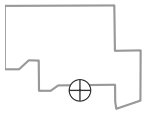


Notes:
1. Top of screen elevation is 3277.21 ft msl.
2. The bottom of screen elevation is 3262.21 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

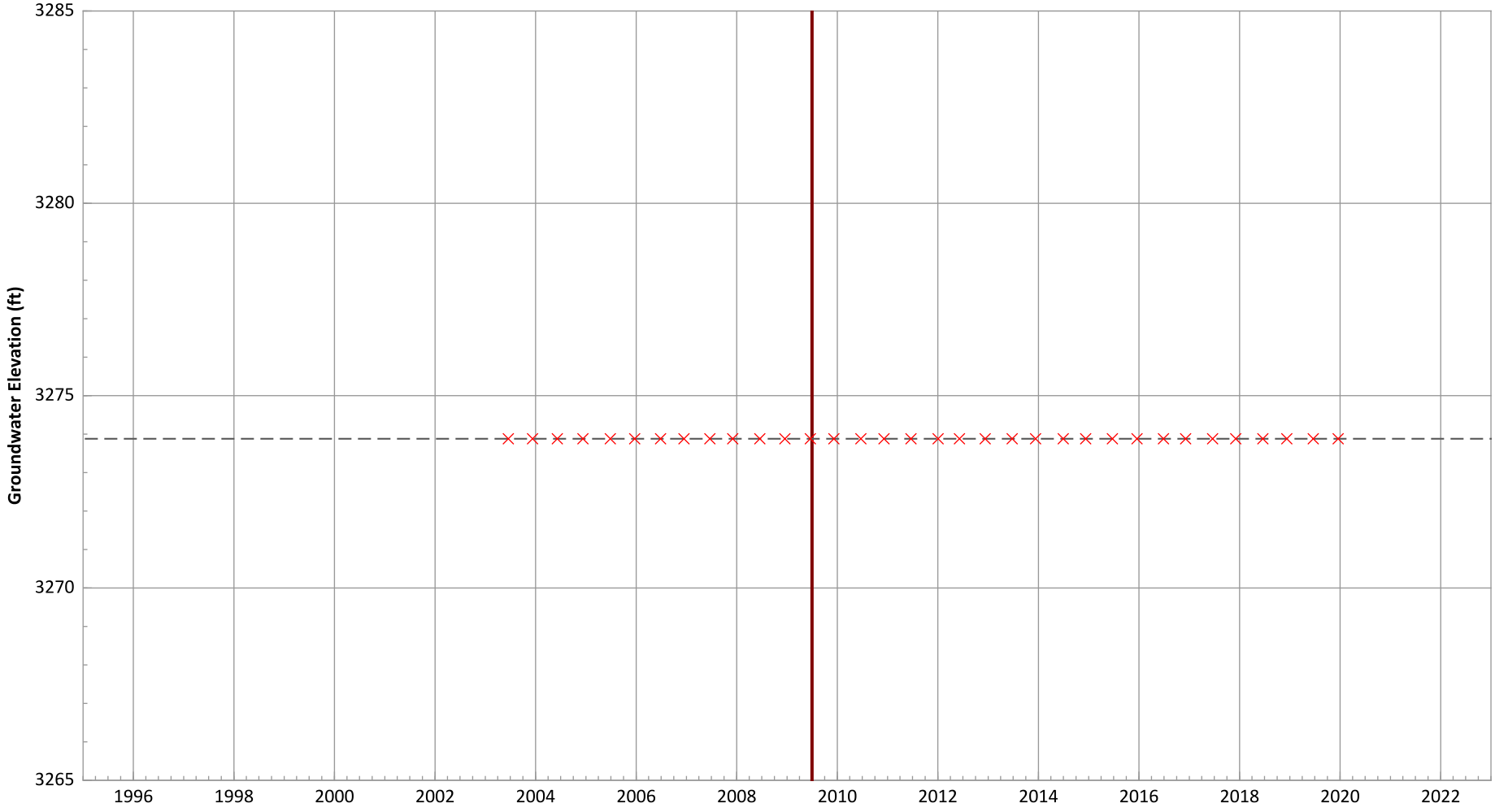
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

PTX06-1055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

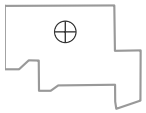


Notes:
1. Top of screen elevation is 3303.88 ft msl.
2. The bottom of screen elevation is 3273.88 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

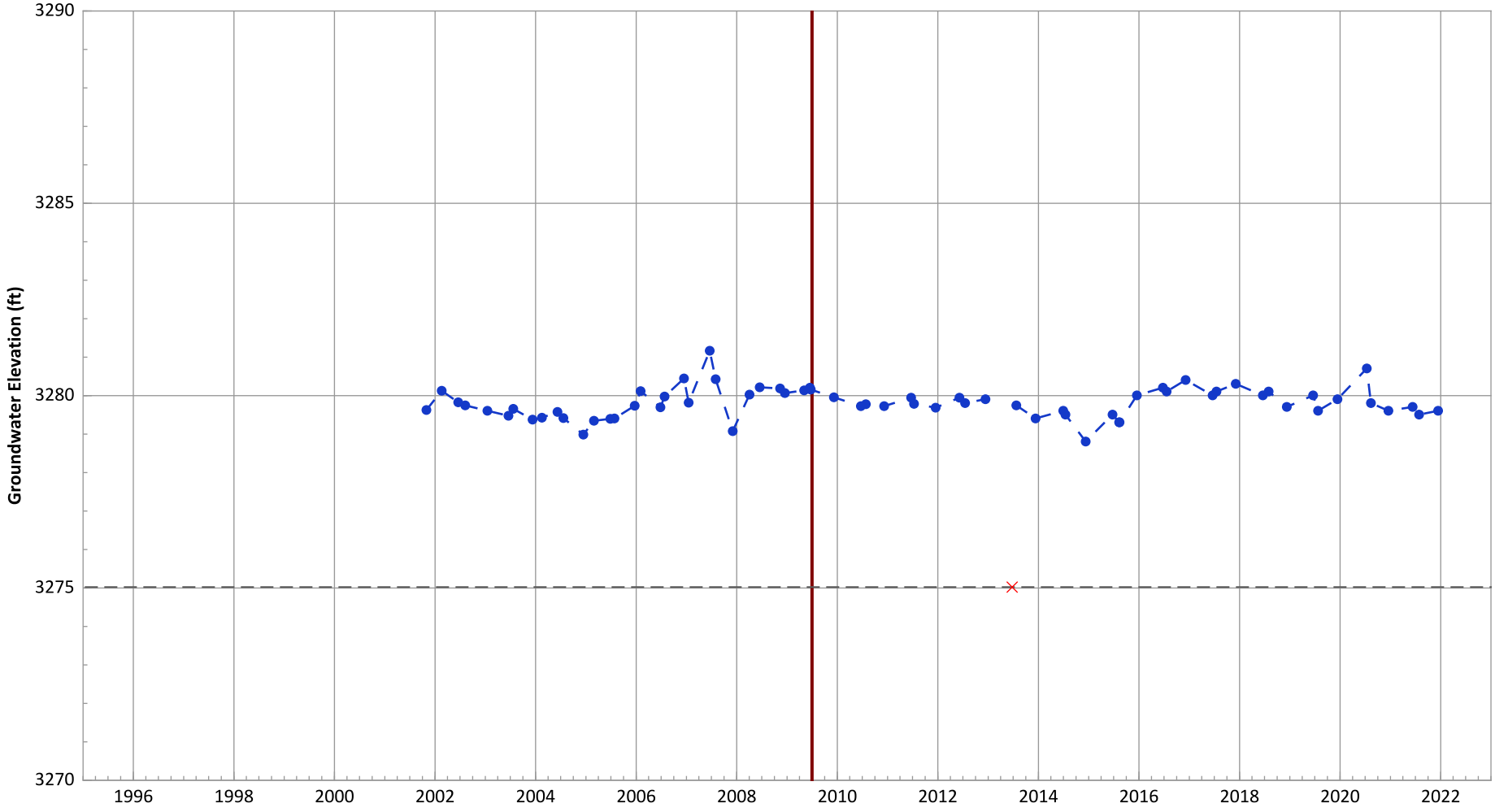
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1069 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

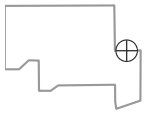


Notes:
1. Top of screen elevation is 3295.02 ft msl.
2. The bottom of screen elevation is 3275.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

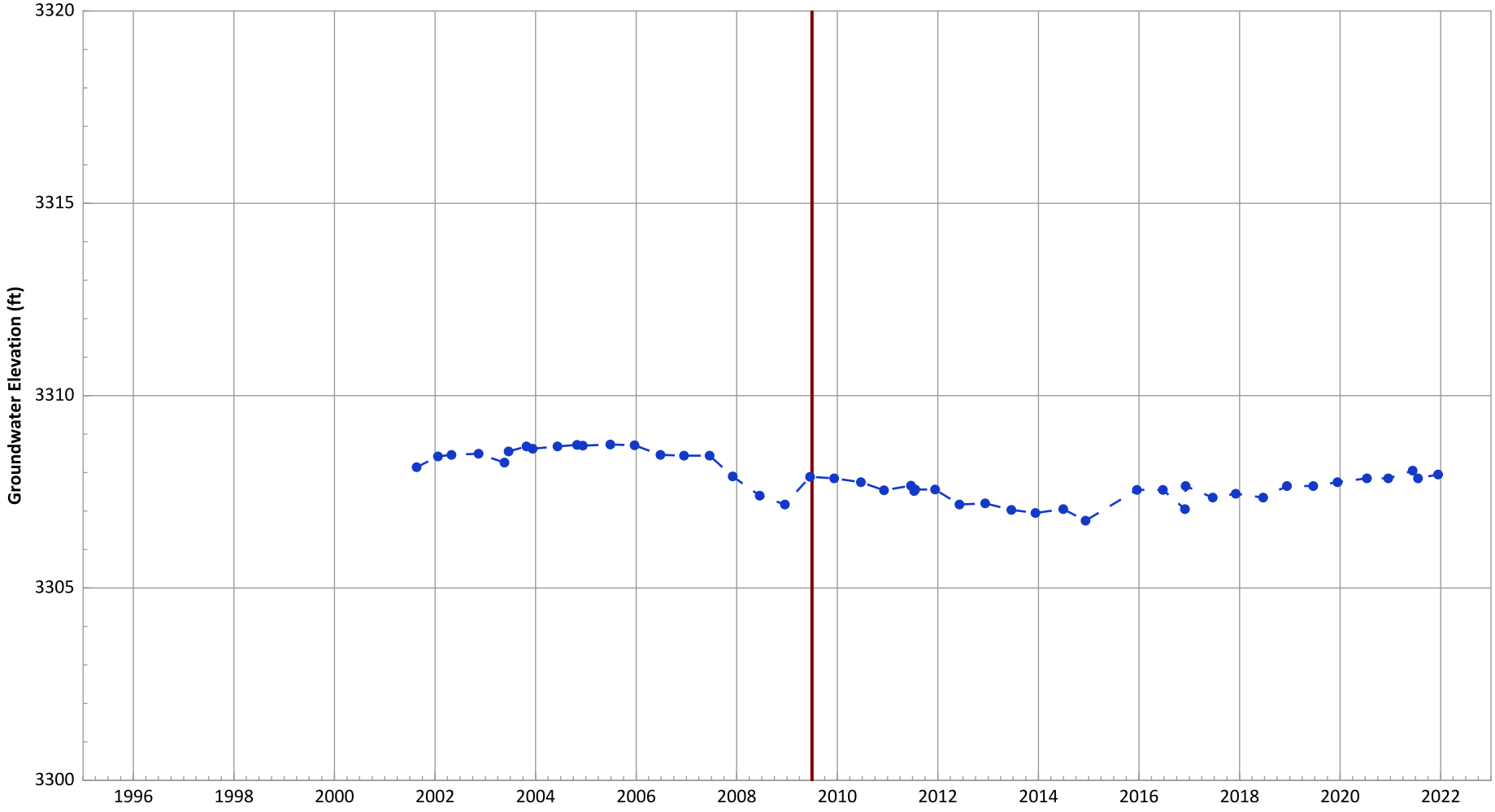
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.52 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

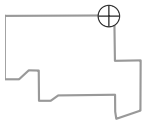


Notes:
1. Top of screen elevation is 3289.16 ft msl.
2. The bottom of screen elevation is 3279.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

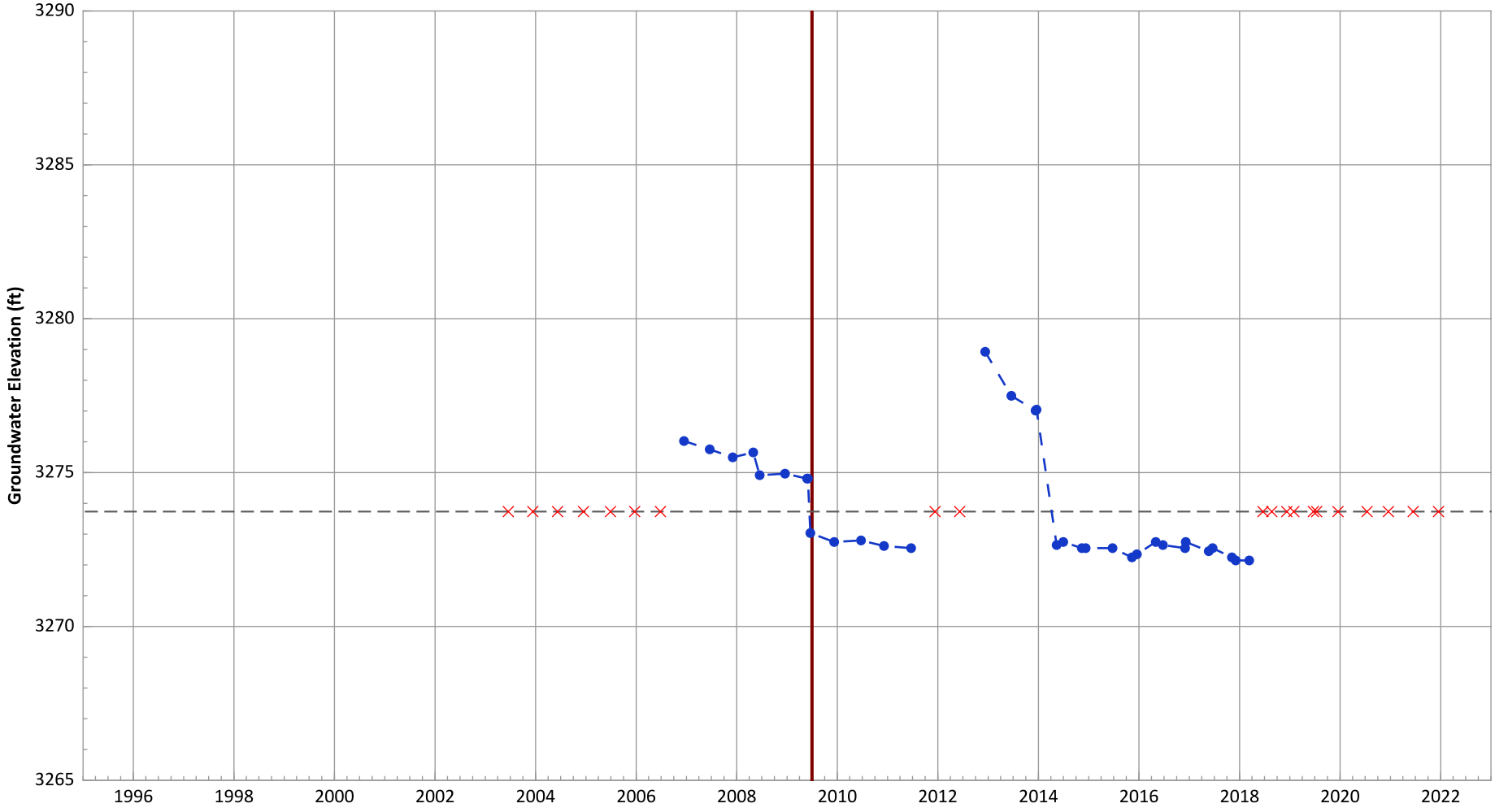
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1073A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

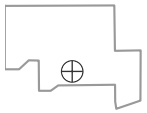


Notes:
1. Top of screen elevation is 3303.73 ft msl.
2. The bottom of screen elevation is 3273.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

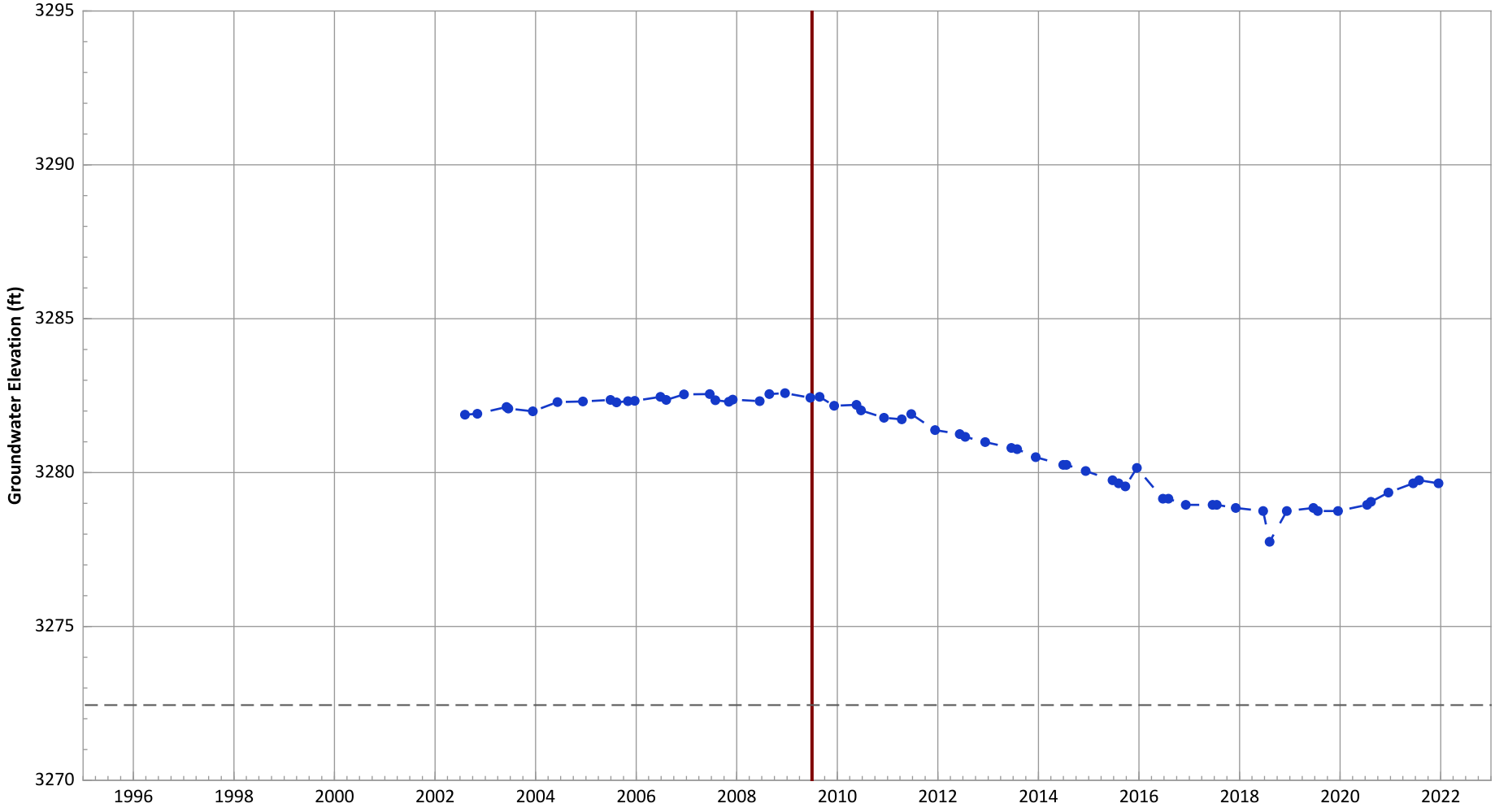
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX06-1077A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

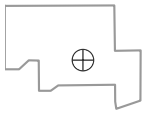


Notes:
1. Top of screen elevation is 3297.45 ft msl.
2. The bottom of screen elevation is 3272.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

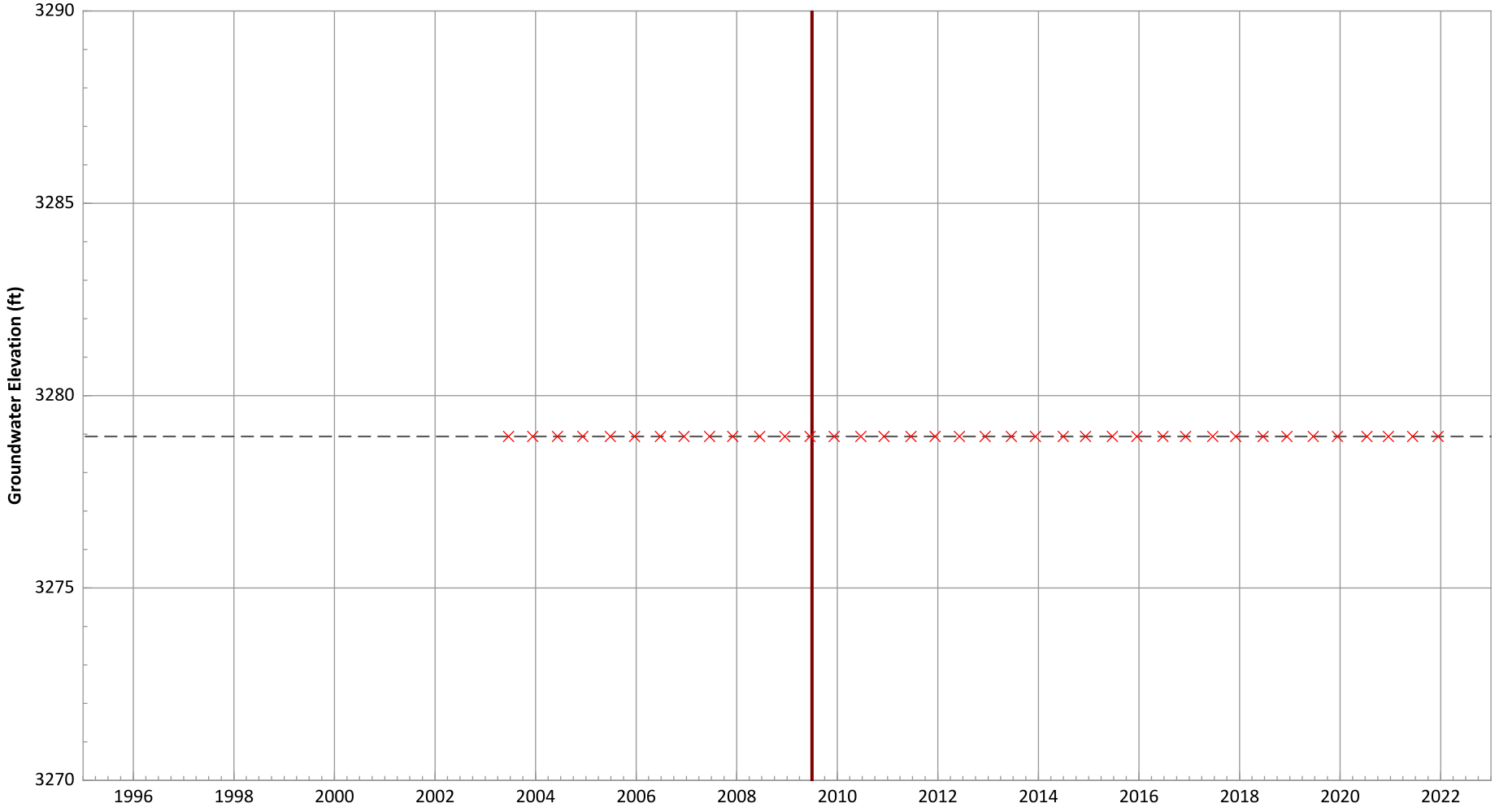
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.56 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.29 ft/yr

PTX06-1078 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

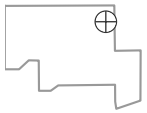


Notes:
1. Top of screen elevation is 3293.94 ft msl.
2. The bottom of screen elevation is 3278.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

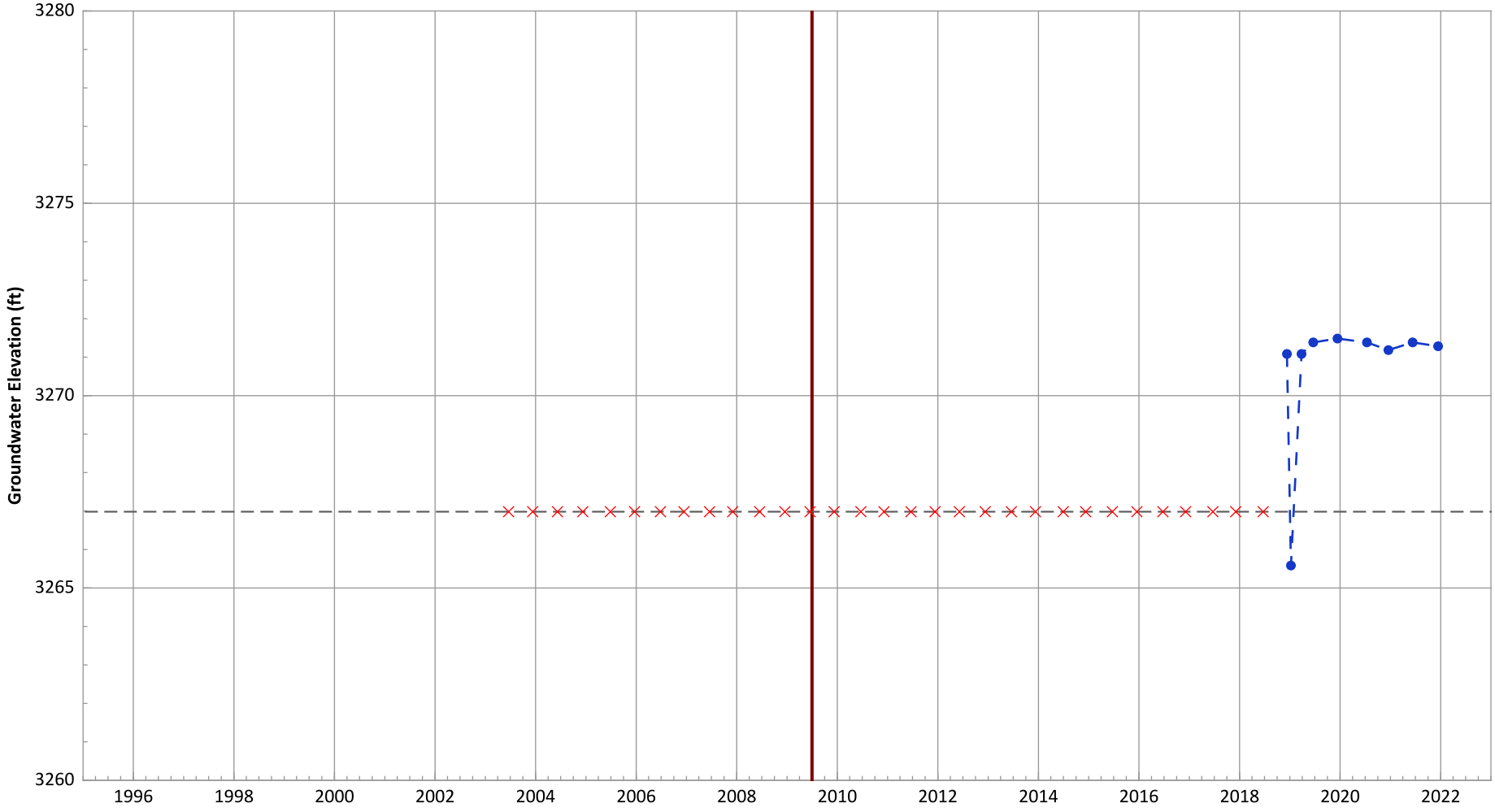
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1079 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

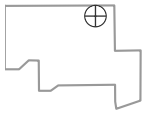


Notes:
1. Top of screen elevation is 3296.98 ft msl.
2. The bottom of screen elevation is 3266.98 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

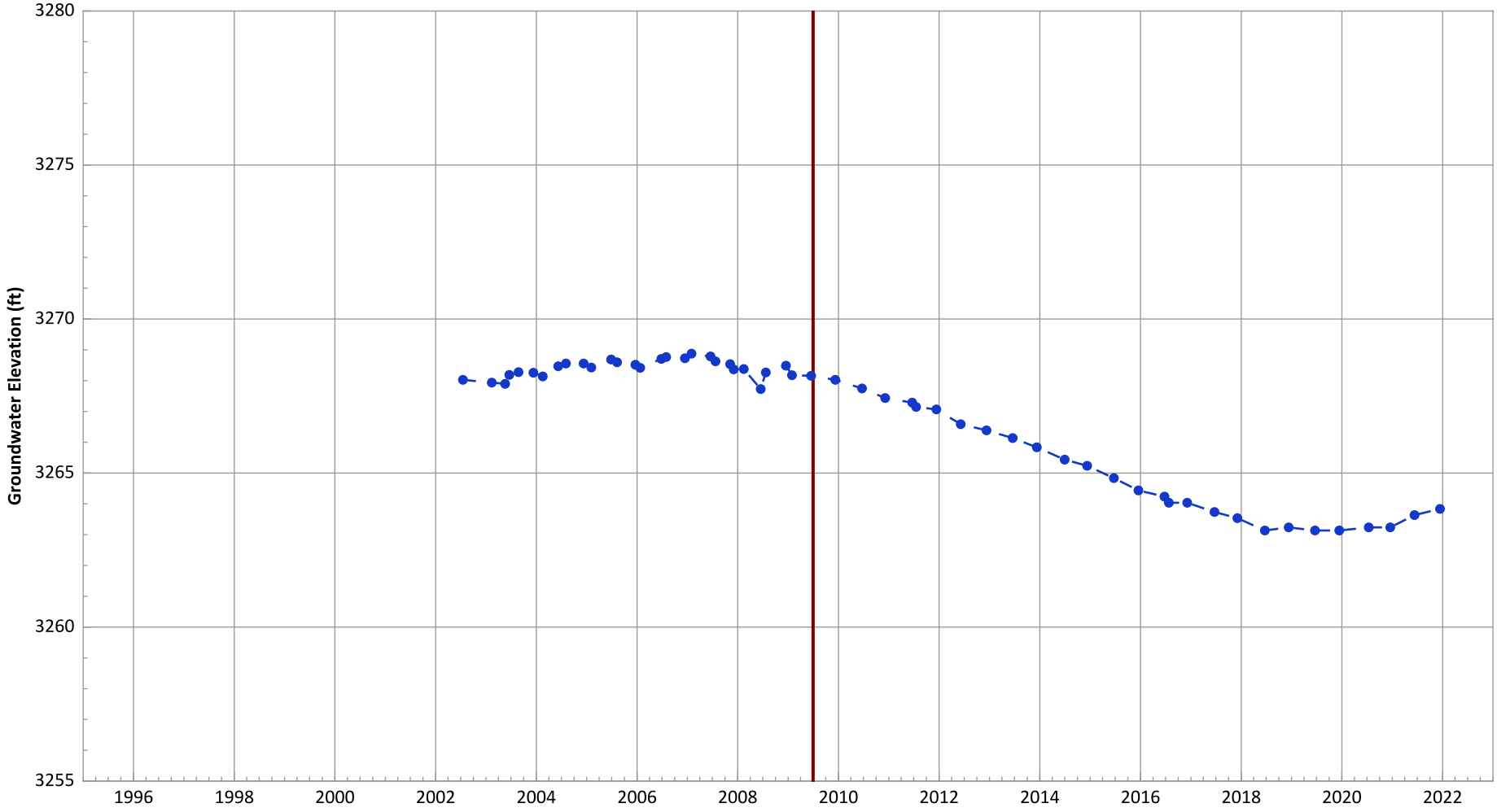
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.71 ft/yr

PTX06-1080 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

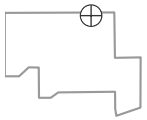


Notes:
1. Top of screen elevation is 3280.12 ft msl.
2. The bottom of screen elevation is 3250.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

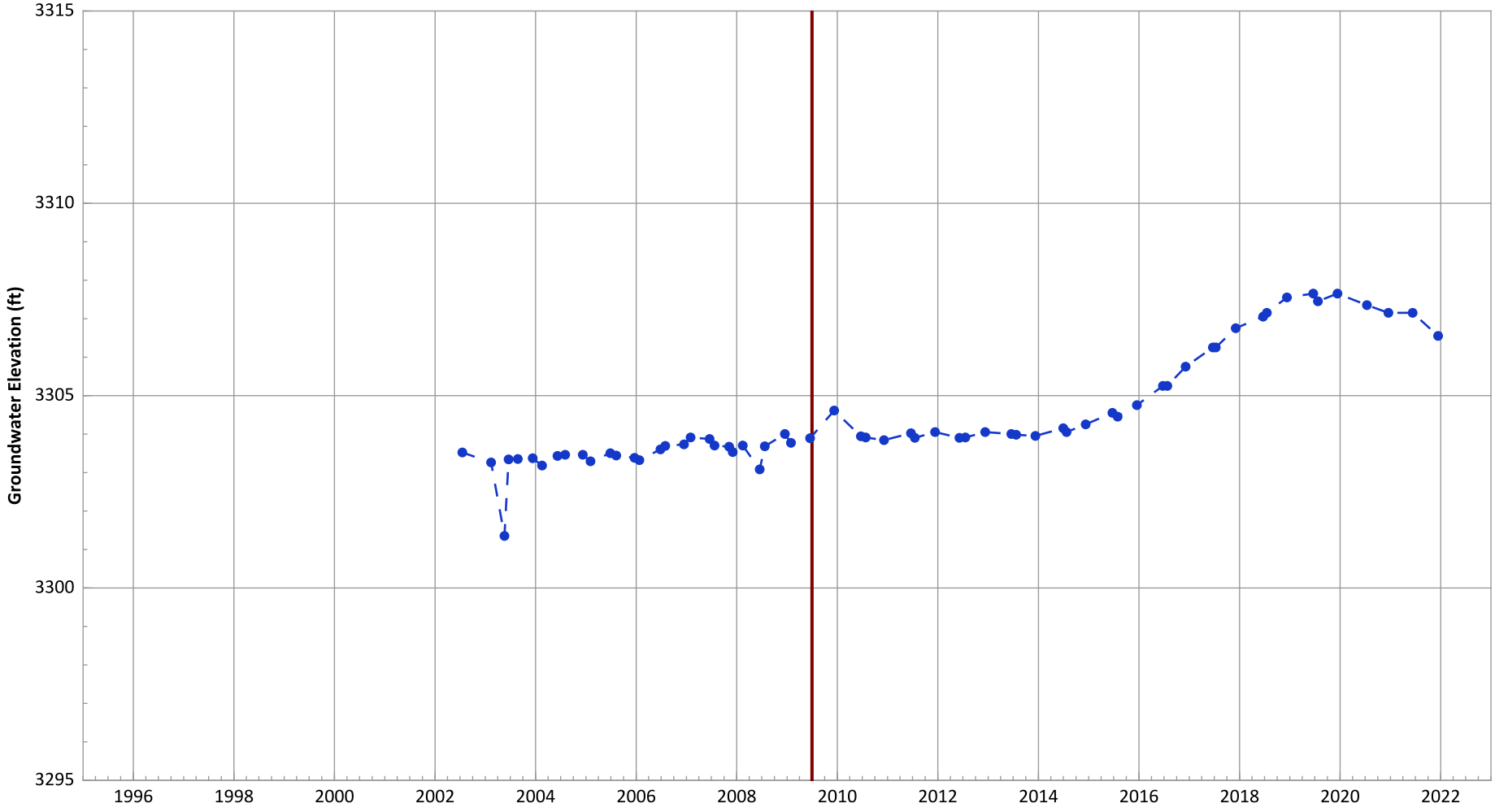
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.47 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.44 ft/yr

PTX06-1081 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

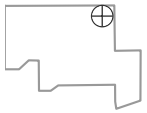


Notes:
1. Top of screen elevation is 3316.5 ft msl.
2. The bottom of screen elevation is 3286.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

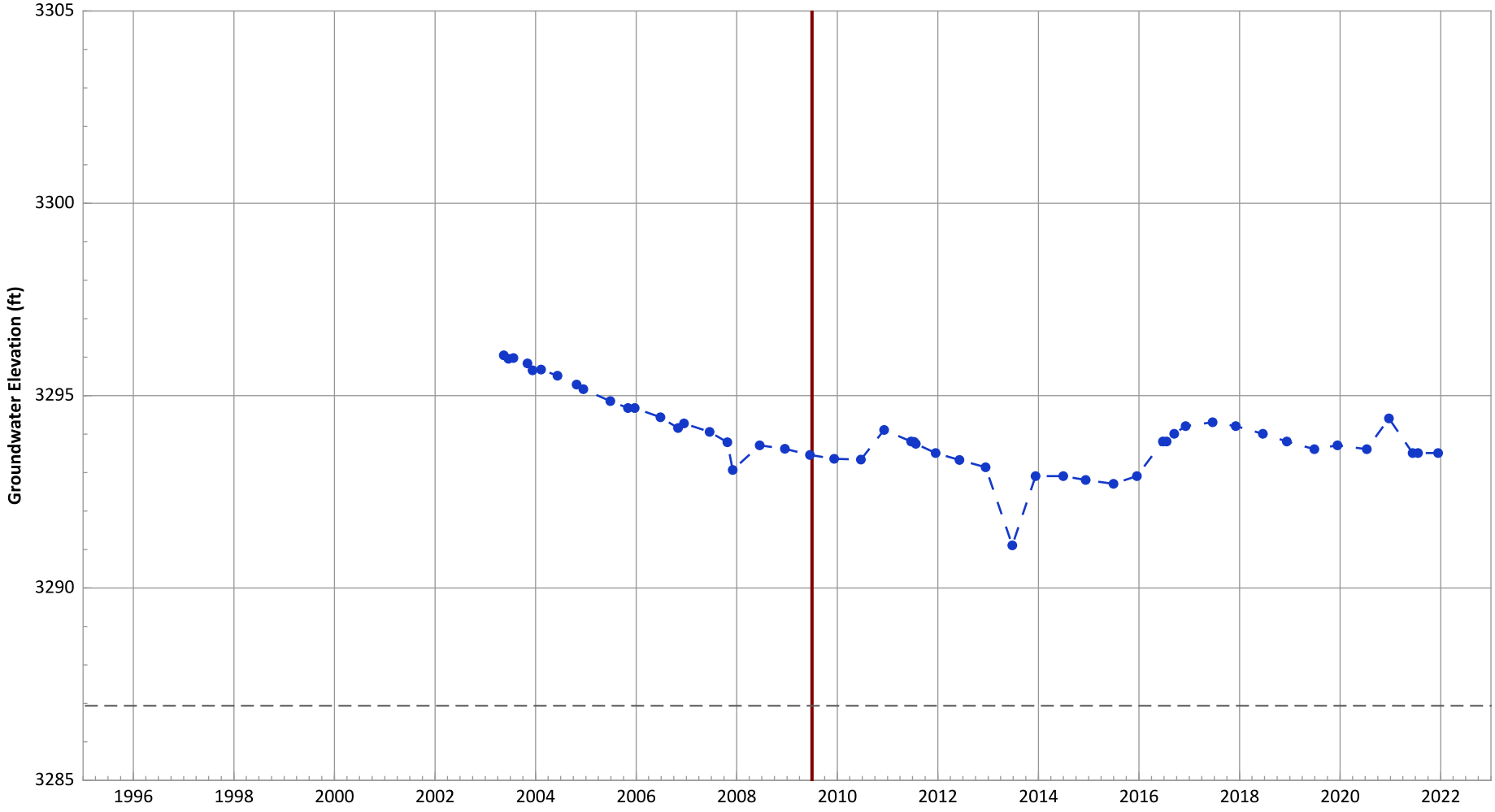
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.51 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.37 ft/yr

PTX06-1082 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

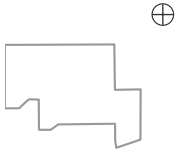


Notes:
1. Top of screen elevation is 3311.94 ft msl.
2. The bottom of screen elevation is 3286.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

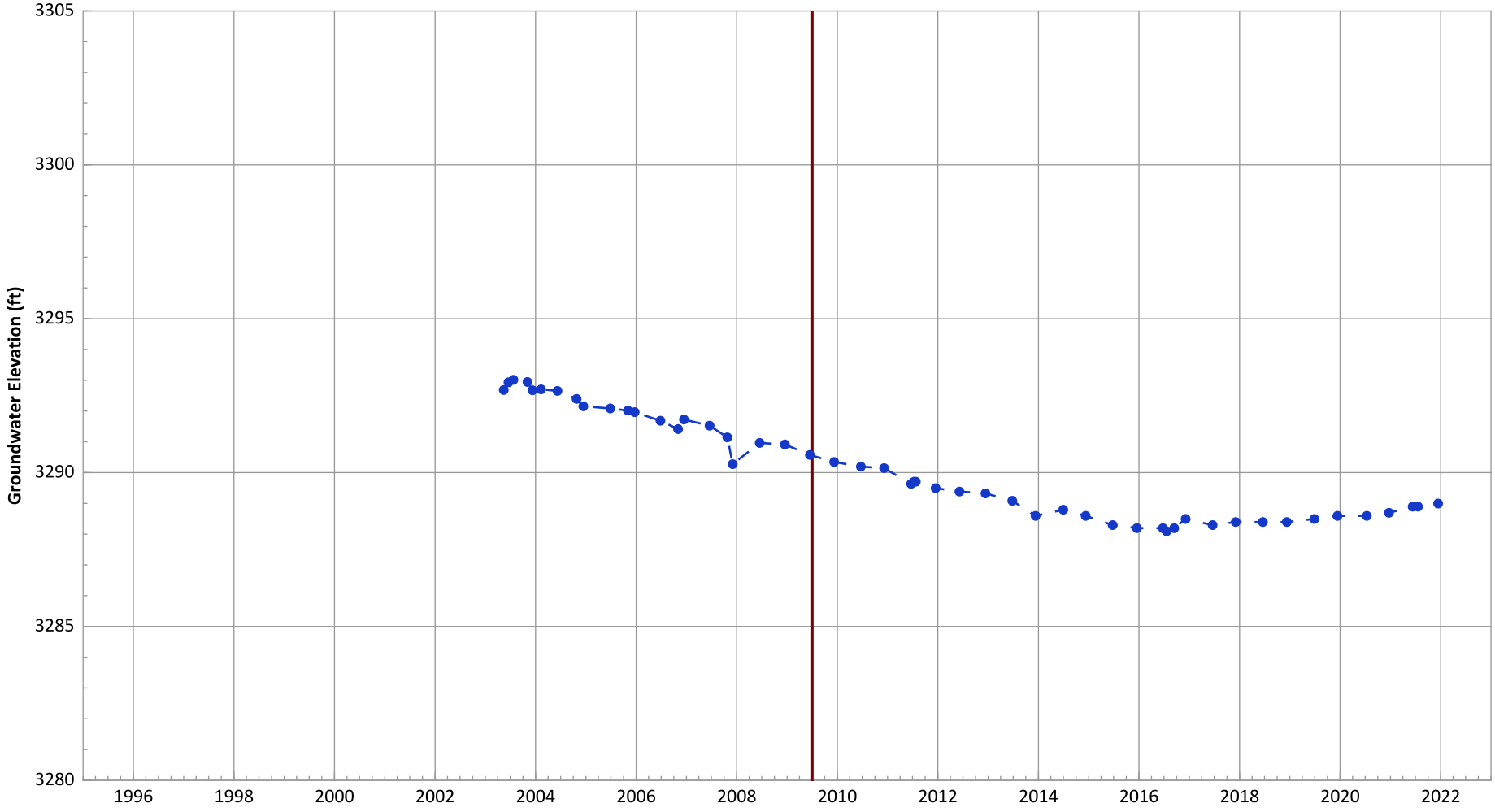
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.3 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3299.91 ft msl.
2. The bottom of screen elevation is 3269.91 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

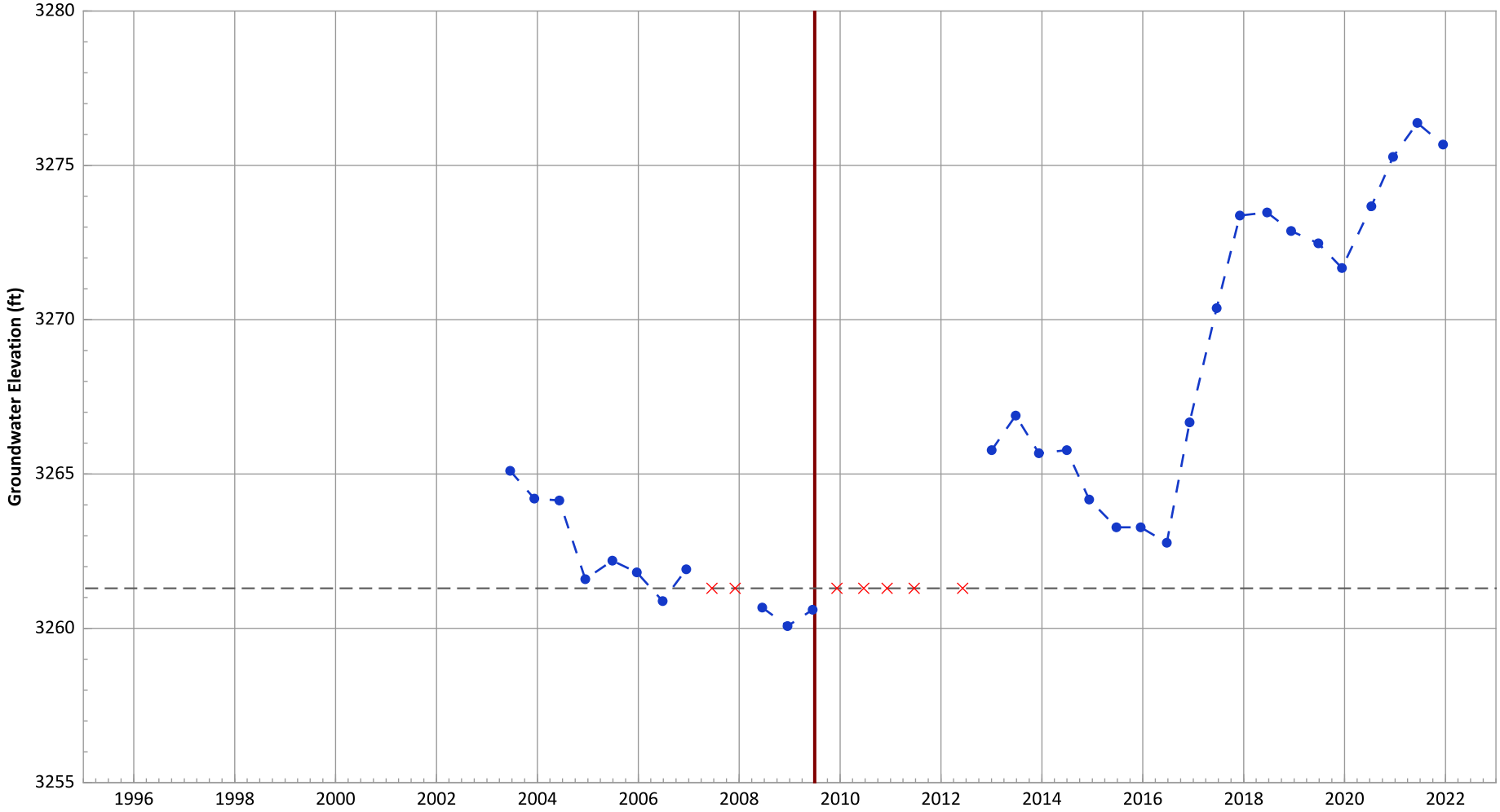
Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.3 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.12 ft/yr

PTX06-1084 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3281.3 ft msl.
2. The bottom of screen elevation is 3261.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

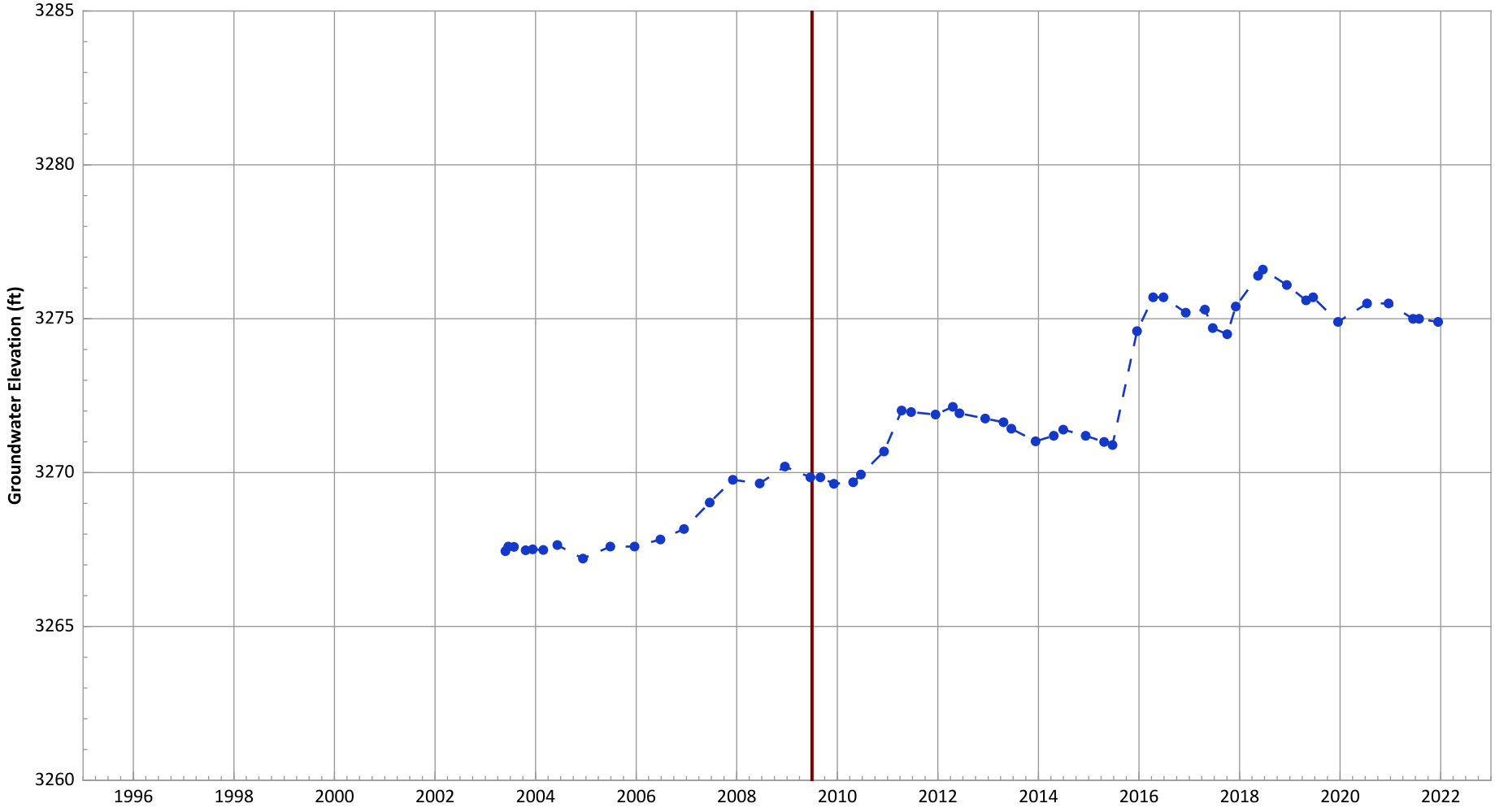
Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.45 ft/yr
Data (7/2009 - 1/2022): Increasing at 1.47 ft/yr

PTX06-1085 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

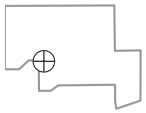


Notes:
1. Top of screen elevation is 3271.52 ft msl.
2. The bottom of screen elevation is 3246.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

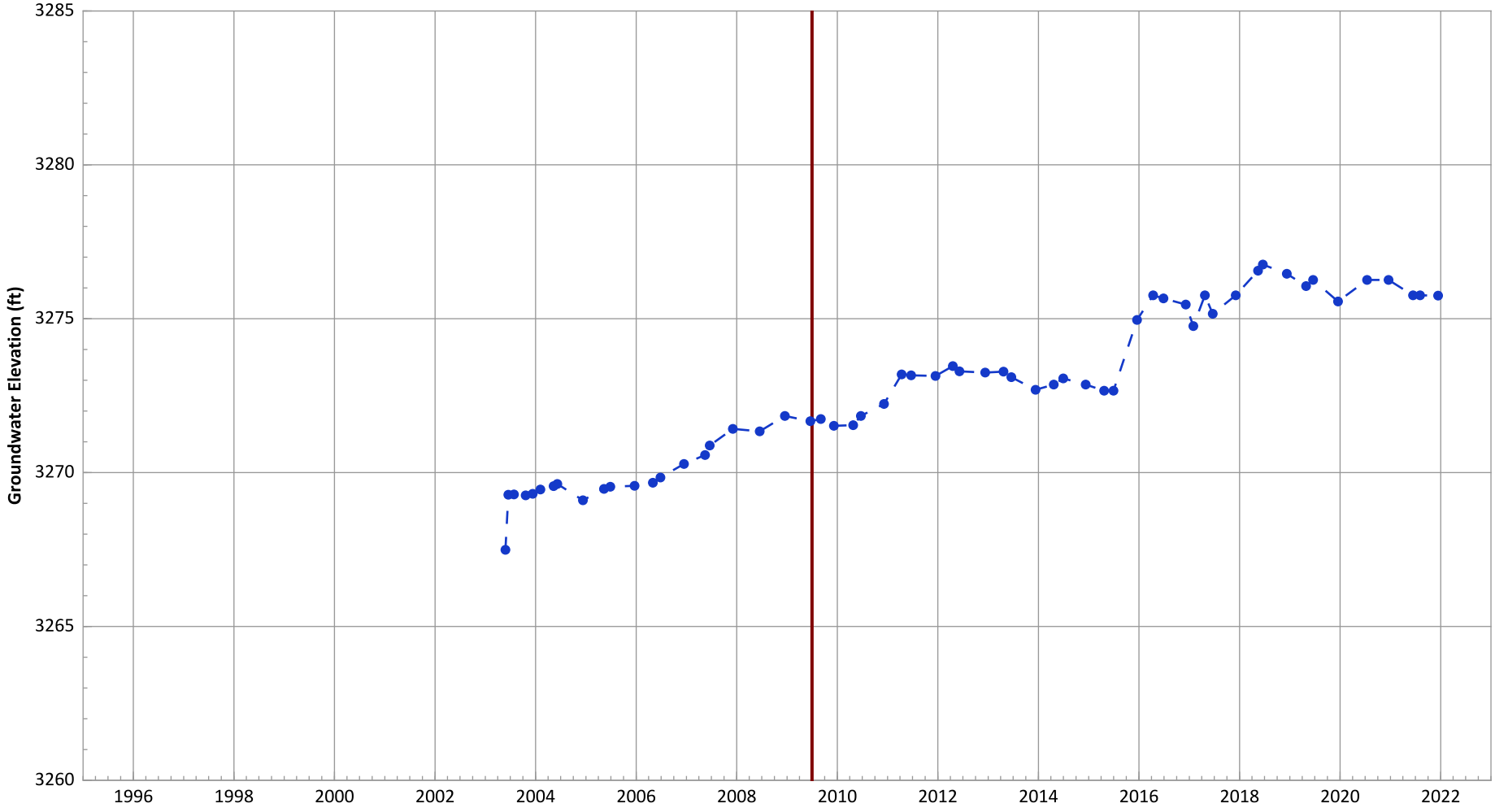
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.5 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.53 ft/yr

PTX06-1086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

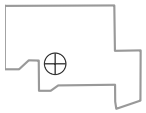


Notes:
1. Top of screen elevation is 3270.72 ft msl.
2. The bottom of screen elevation is 3225.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

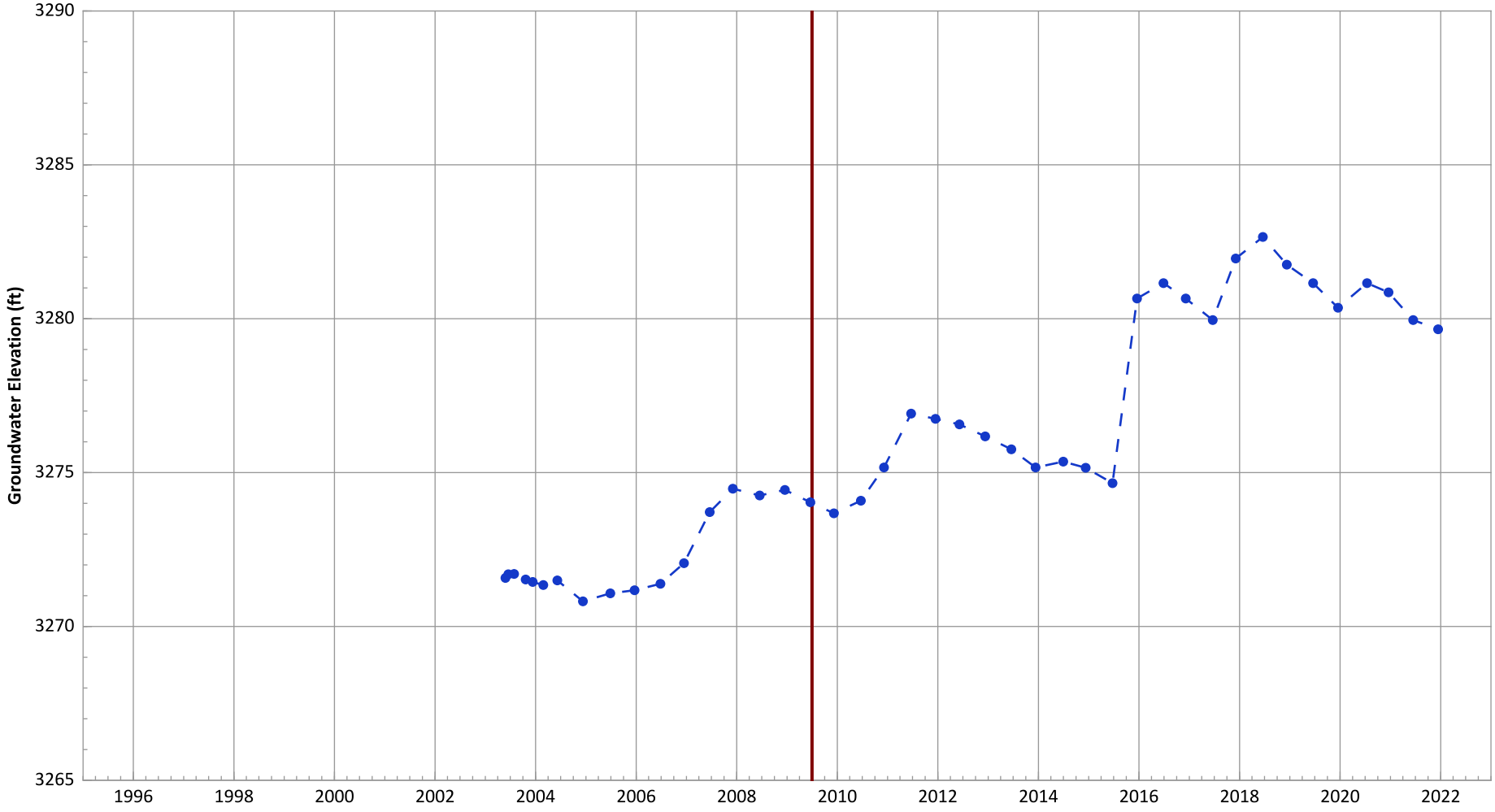
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.45 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.41 ft/yr

PTX06-1087 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

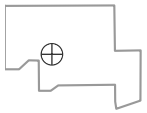


Notes:
1. Top of screen elevation is 3273.68 ft msl.
2. The bottom of screen elevation is 3243.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

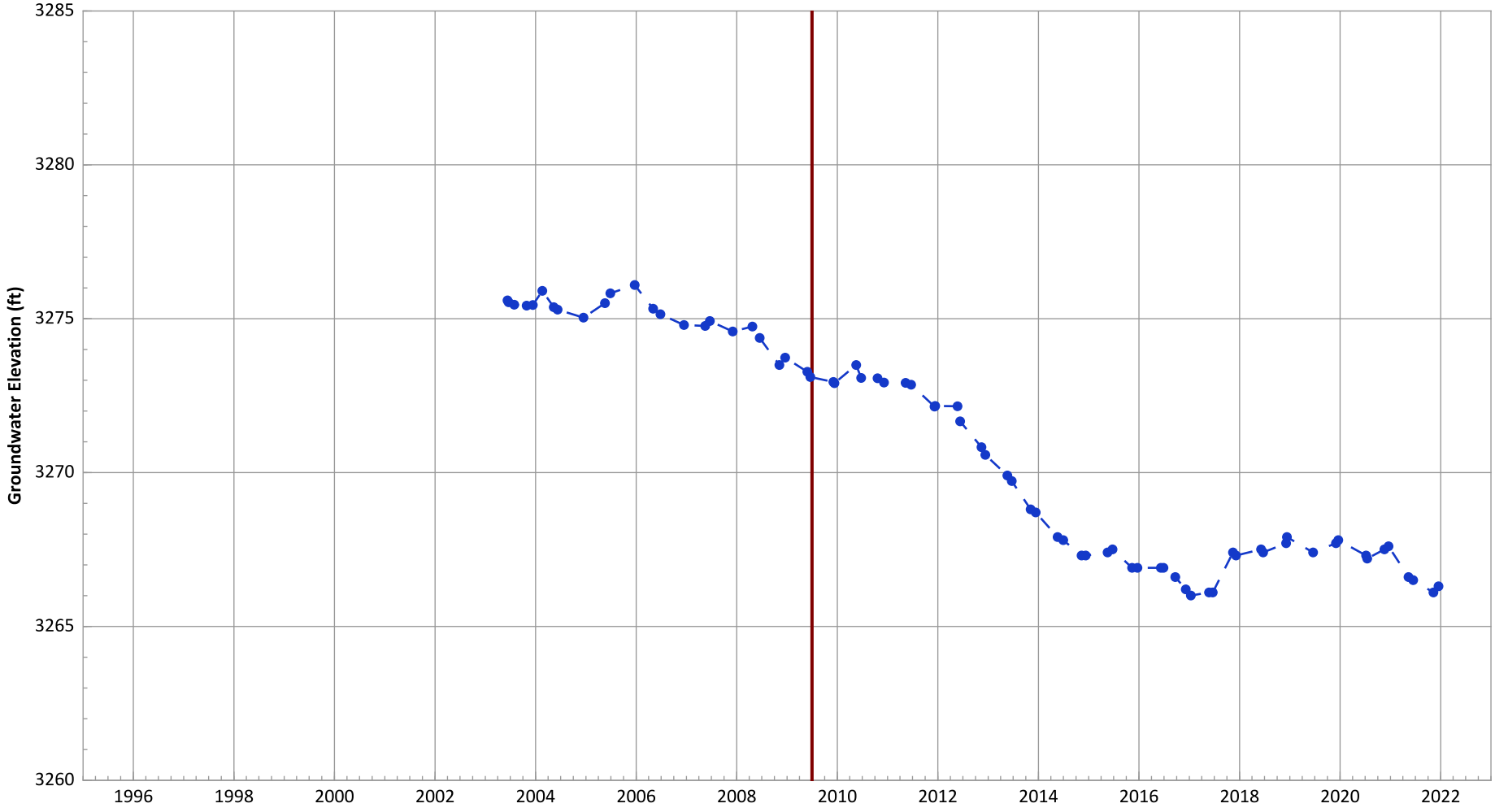
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.14 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.64 ft/yr

PTX06-1088 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

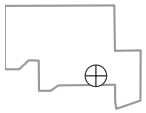


Notes:
1. Top of screen elevation is 3282.54 ft msl.
2. The bottom of screen elevation is 3247.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

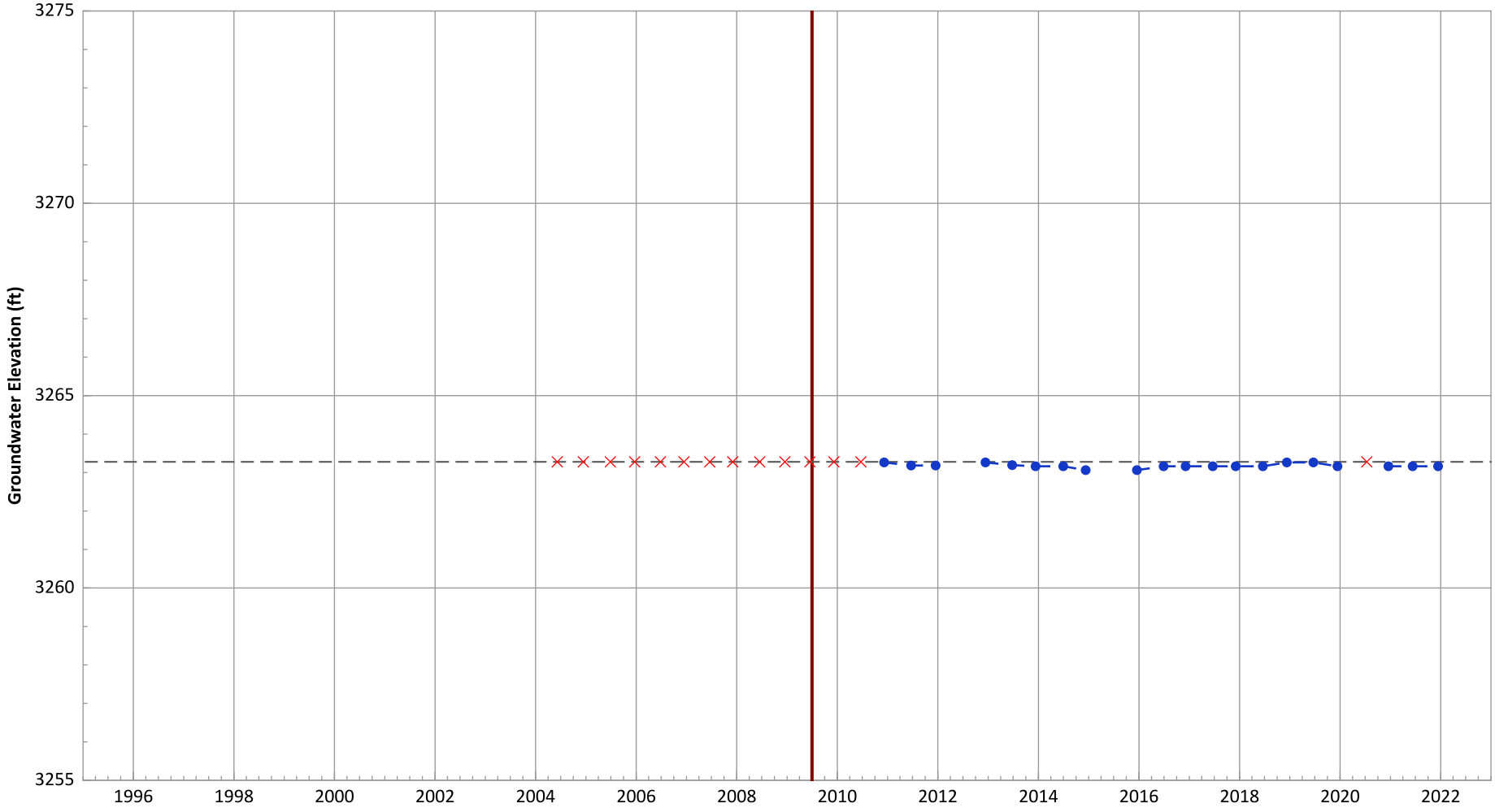
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.91 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.57 ft/yr

PTX06-1089 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

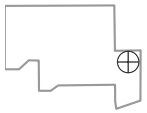


Notes:
1. Top of screen elevation is 3278.28 ft msl.
2. The bottom of screen elevation is 3263.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

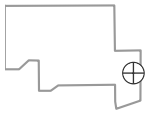
PTX06-1090 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3269.83 ft msl.
2. The bottom of screen elevation is 3254.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

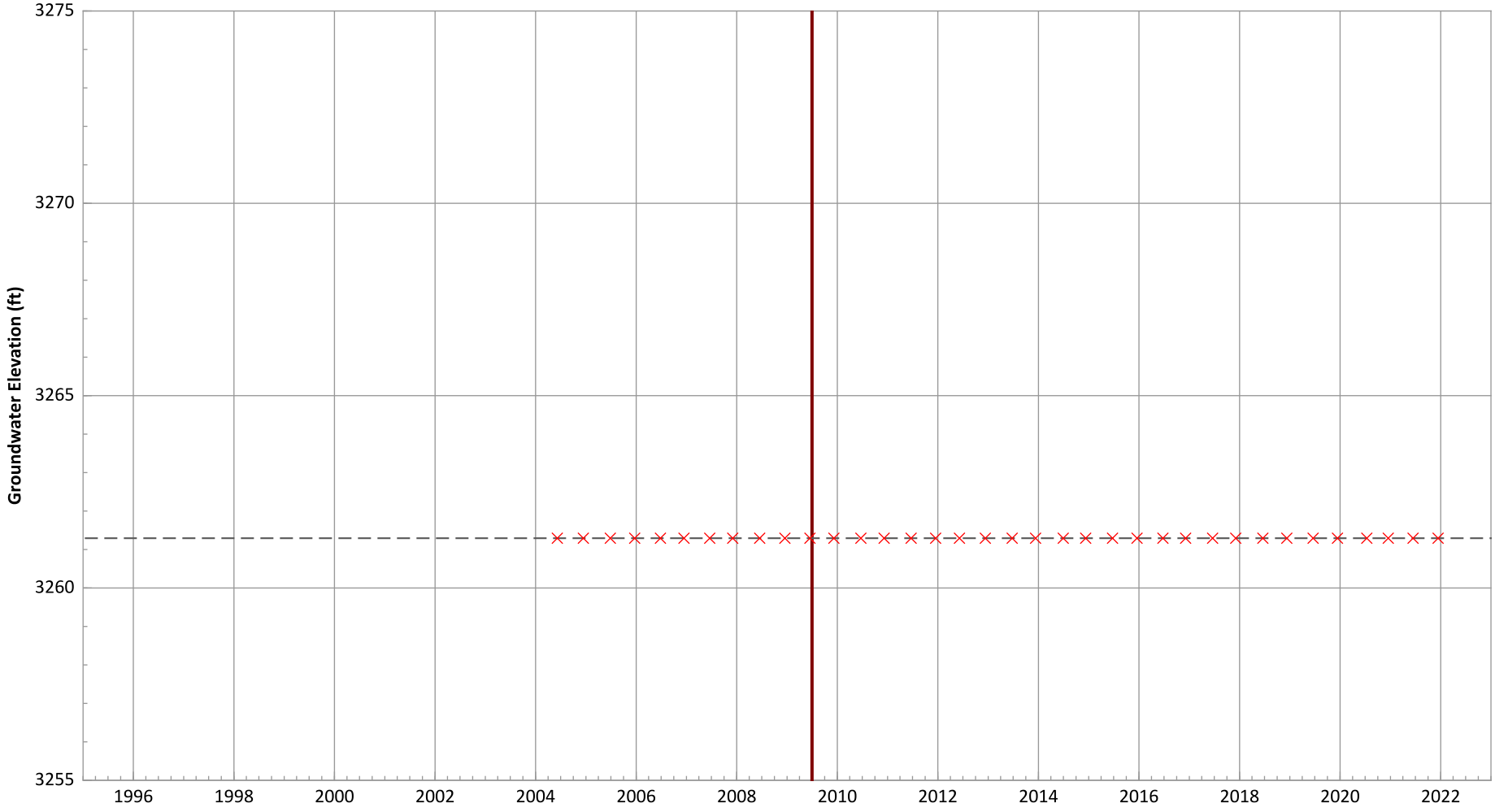
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1091 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

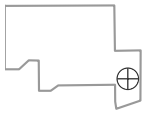


Notes:
1. Top of screen elevation is 3271.29 ft msl.
2. The bottom of screen elevation is 3261.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

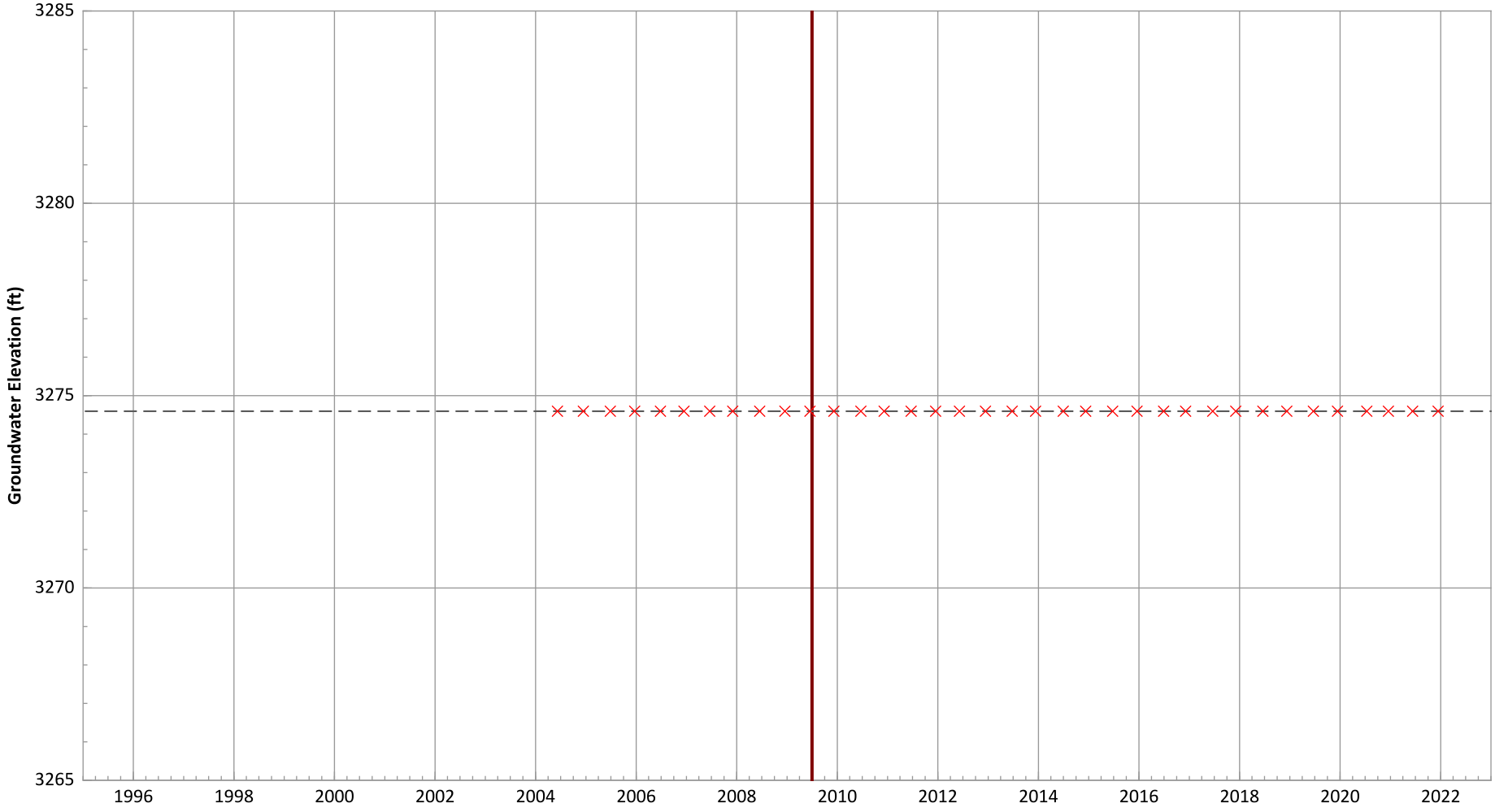
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1093 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

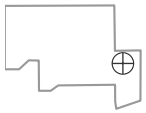


Notes:
1. Top of screen elevation is 3284.59 ft msl.
2. The bottom of screen elevation is 3274.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

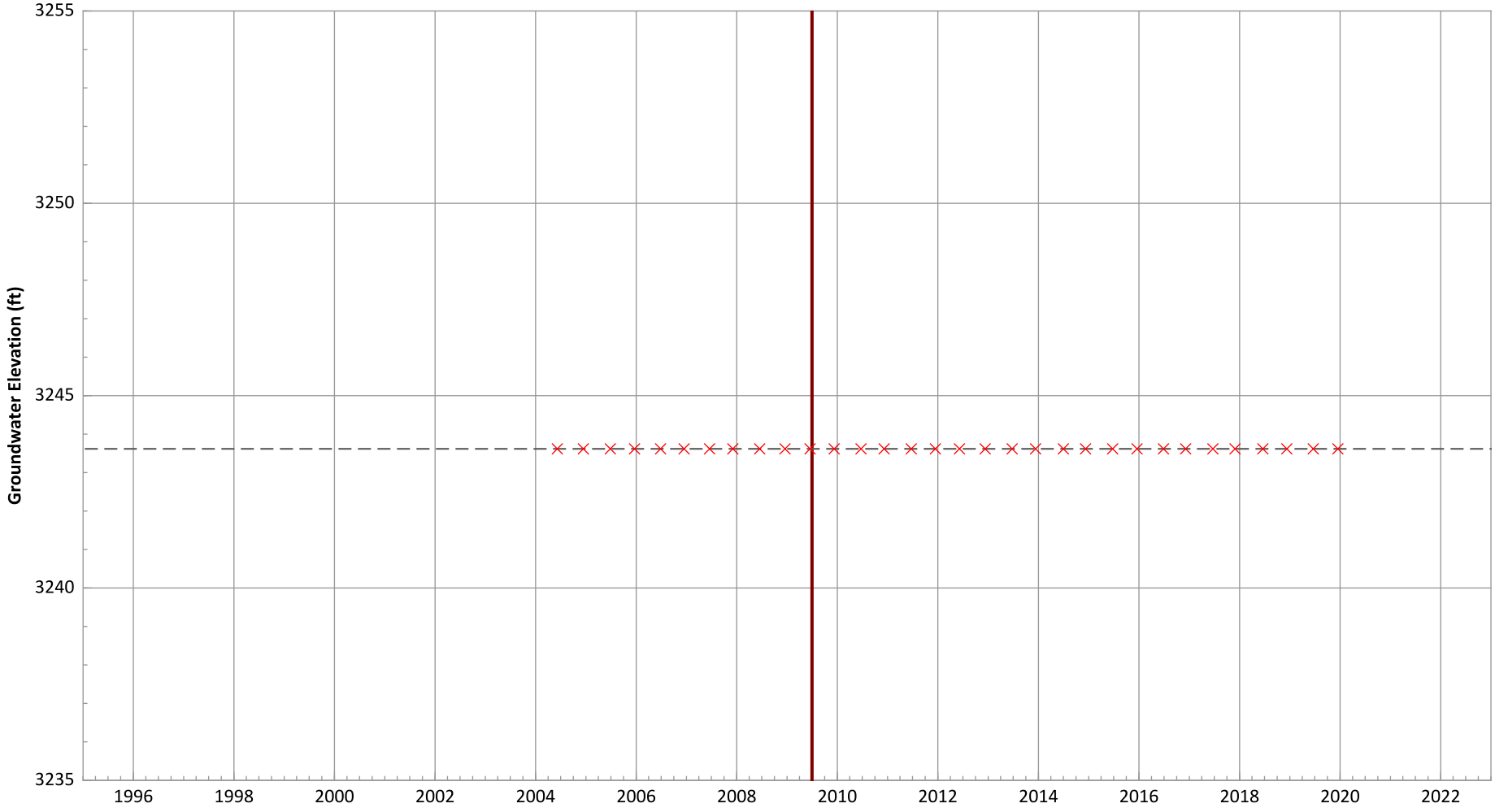
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1094 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

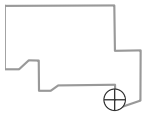


Notes:
1. Top of screen elevation is 3253.62 ft msl.
2. The bottom of screen elevation is 3243.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

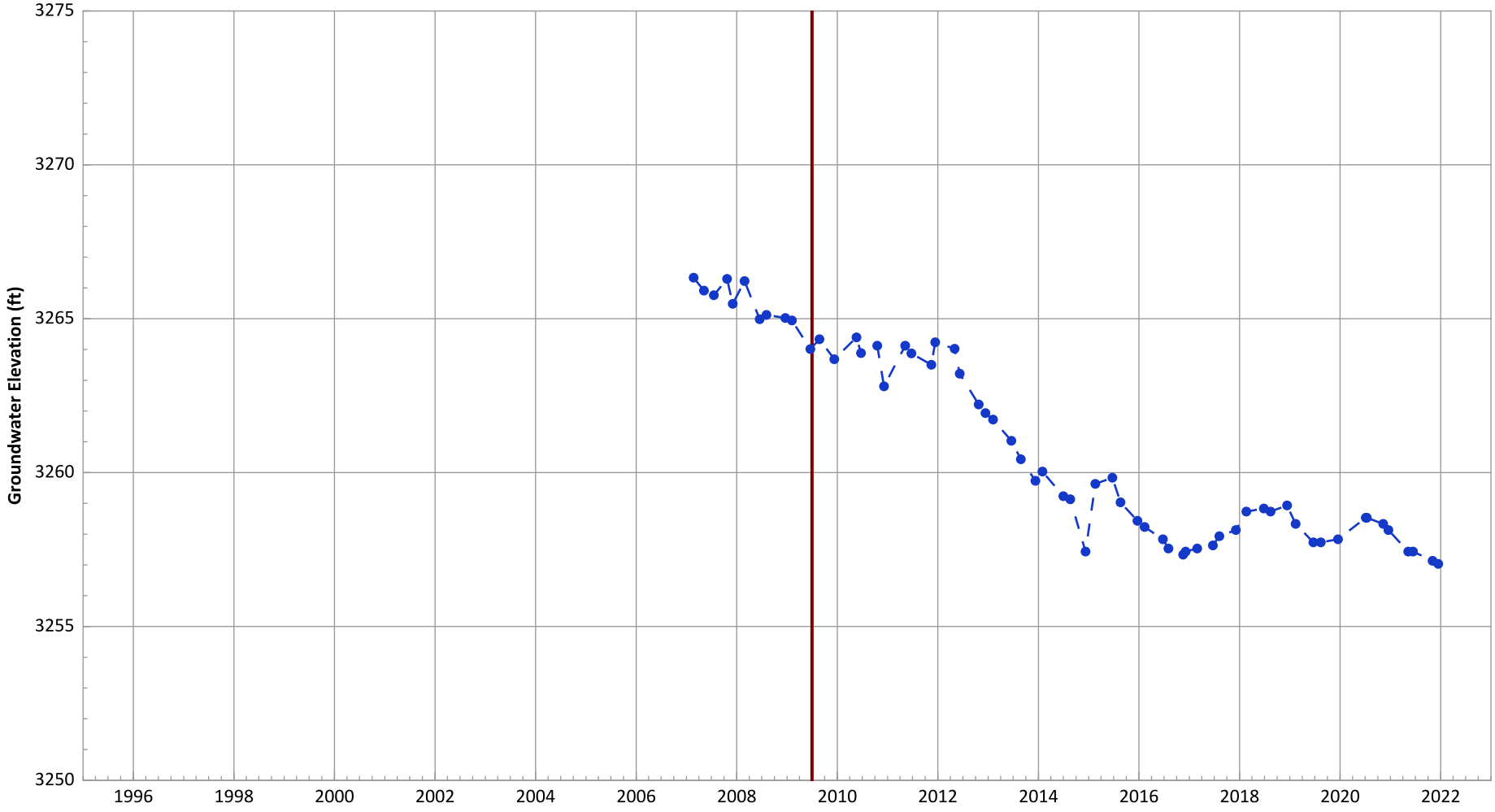
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1095A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

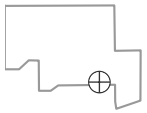


Notes:
1. Top of screen elevation is 3271.23 ft msl.
2. The bottom of screen elevation is 3246.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

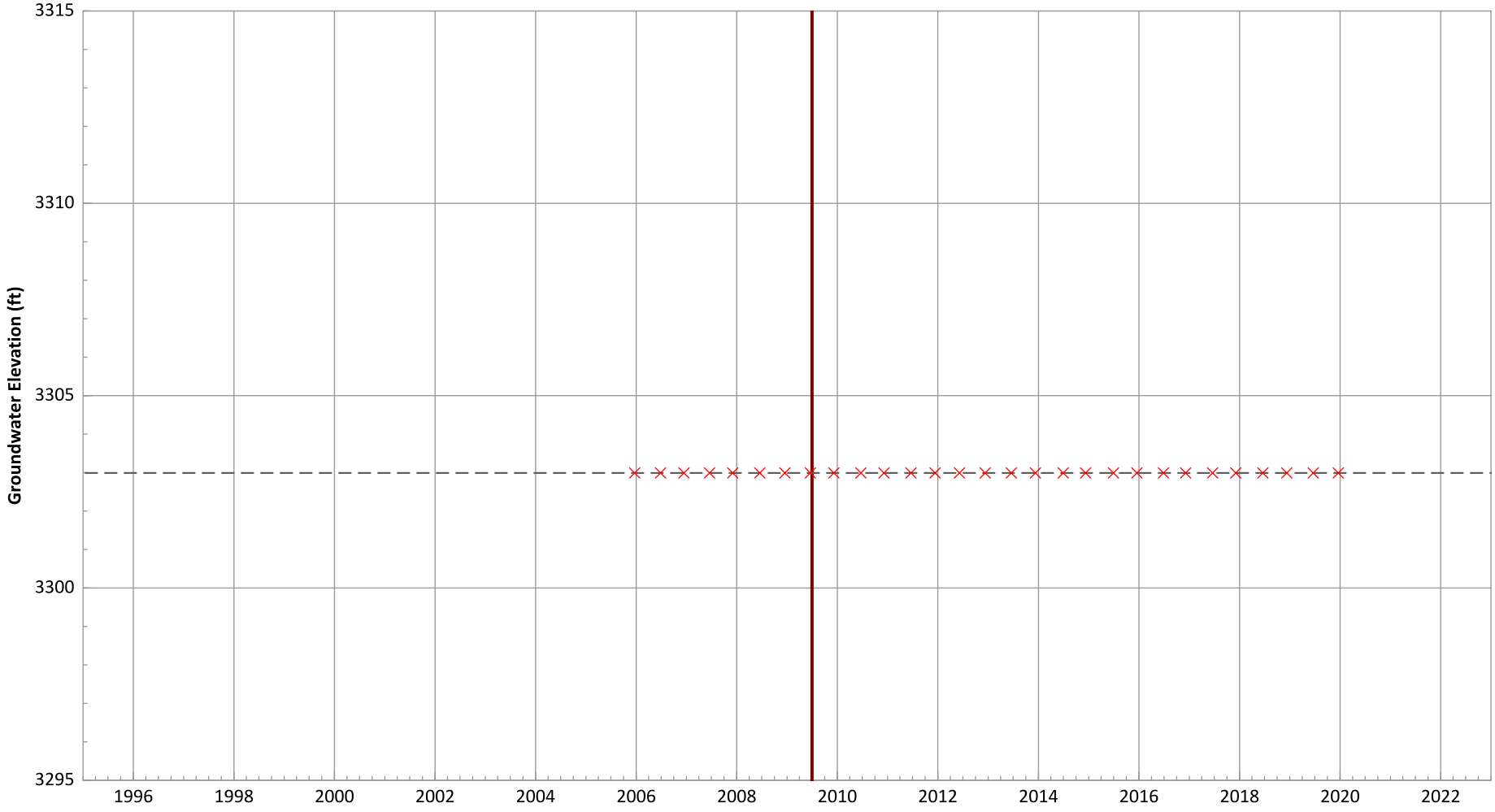
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.12 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.61 ft/yr

PTX06-1096A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

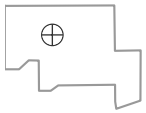


Notes:
1. Top of screen elevation is 3317.99 ft msl.
2. The bottom of screen elevation is 3302.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

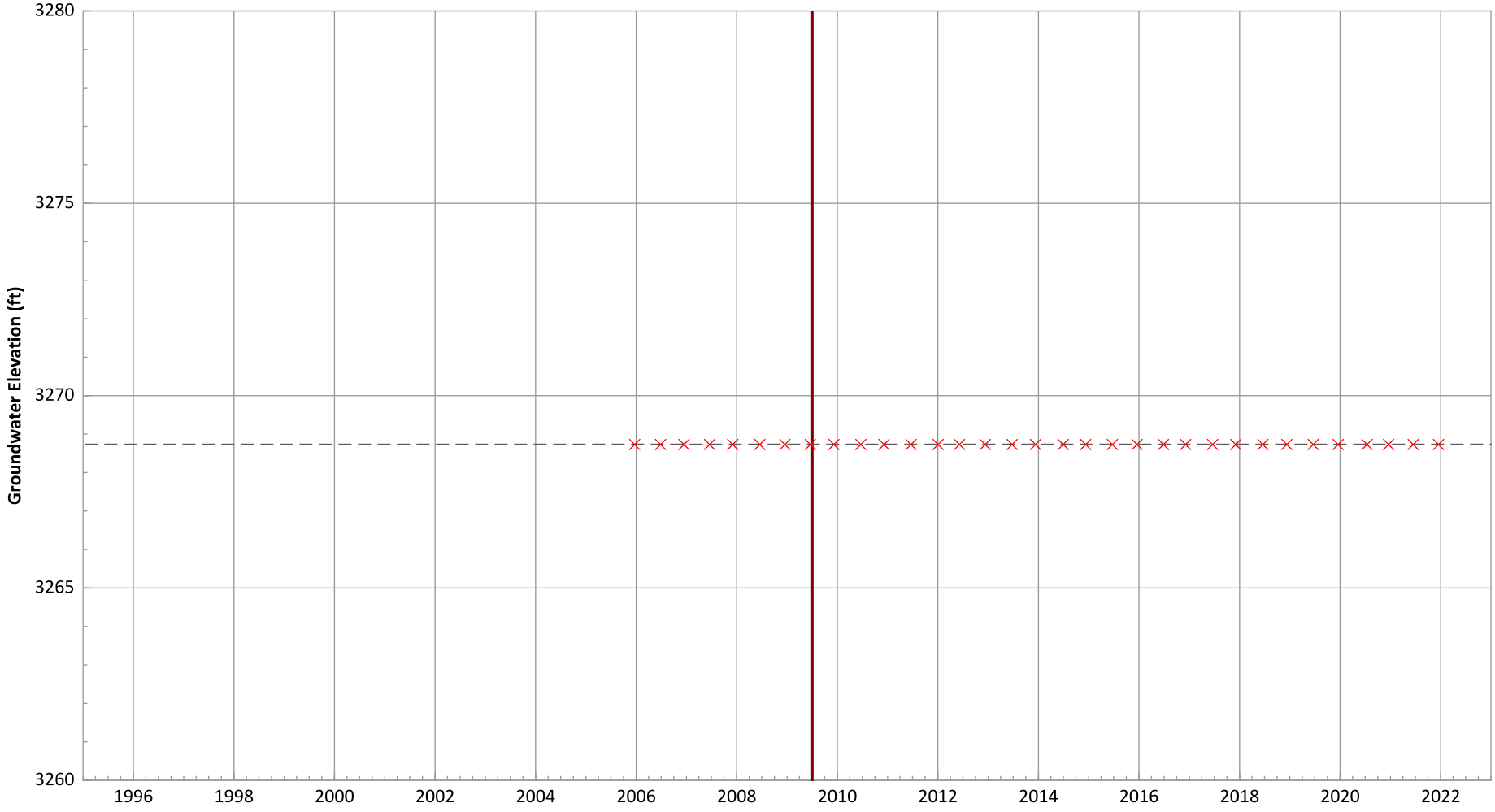
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1097 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

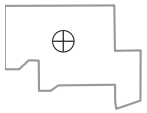


Notes:
1. Top of screen elevation is 3283.73 ft msl.
2. The bottom of screen elevation is 3268.73 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

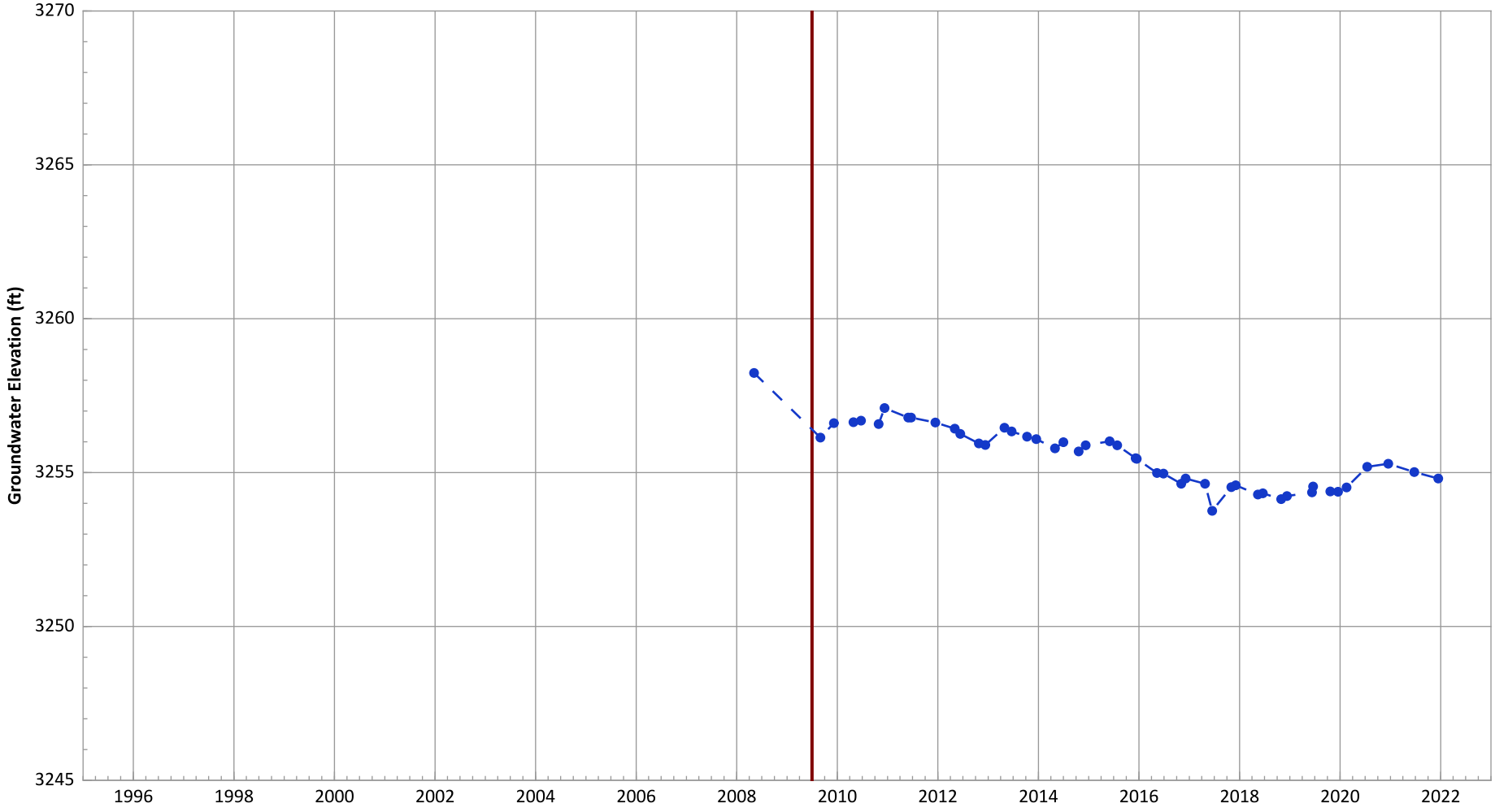
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

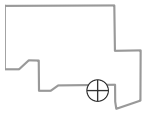


Notes:
1. Top of screen elevation is 3276.74 ft msl.
2. The bottom of screen elevation is 3241.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

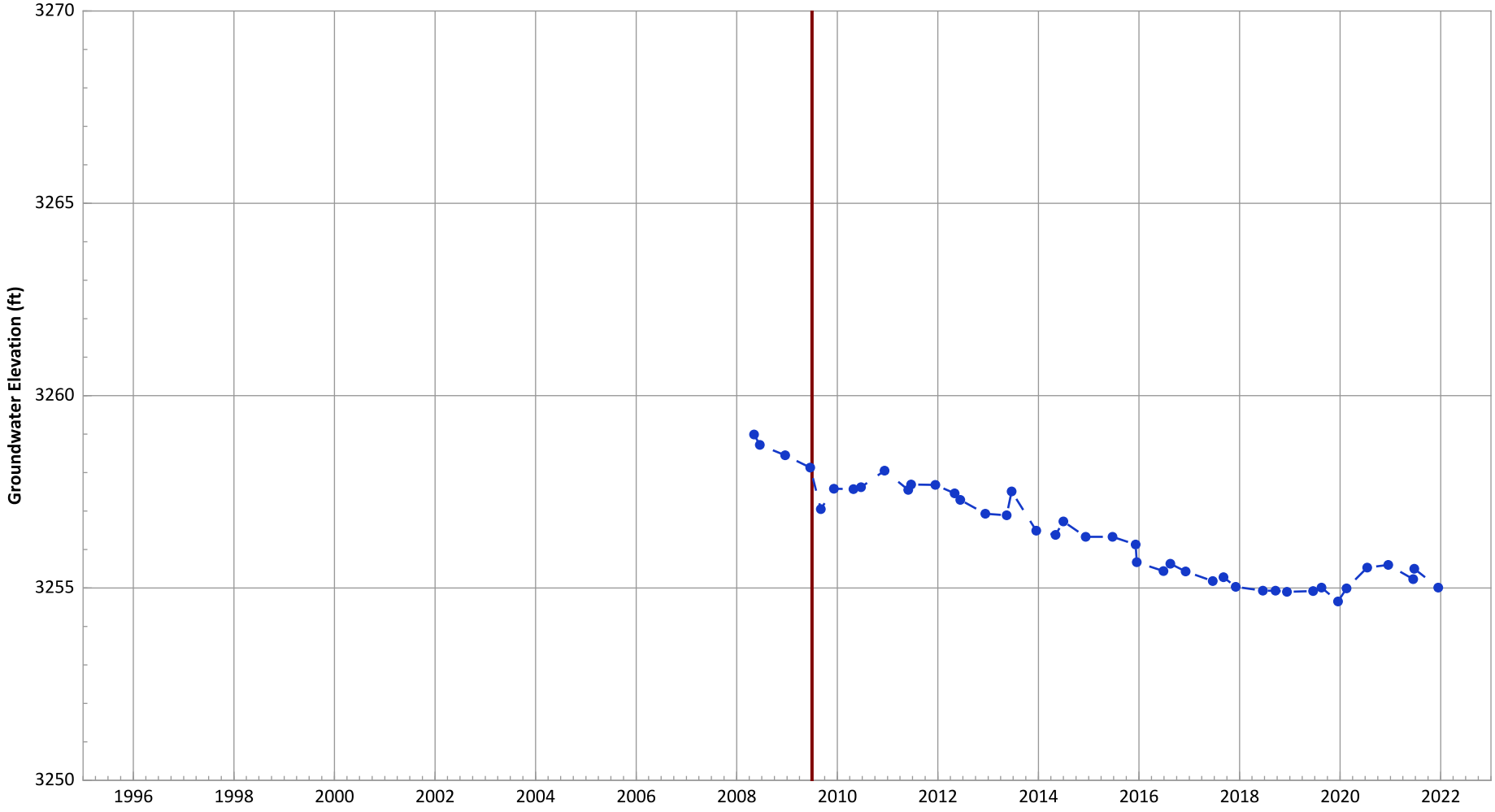
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.23 ft/yr

PTX06-1100 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

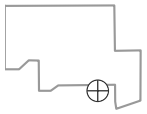


Notes:
1. Top of screen elevation is 3259.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

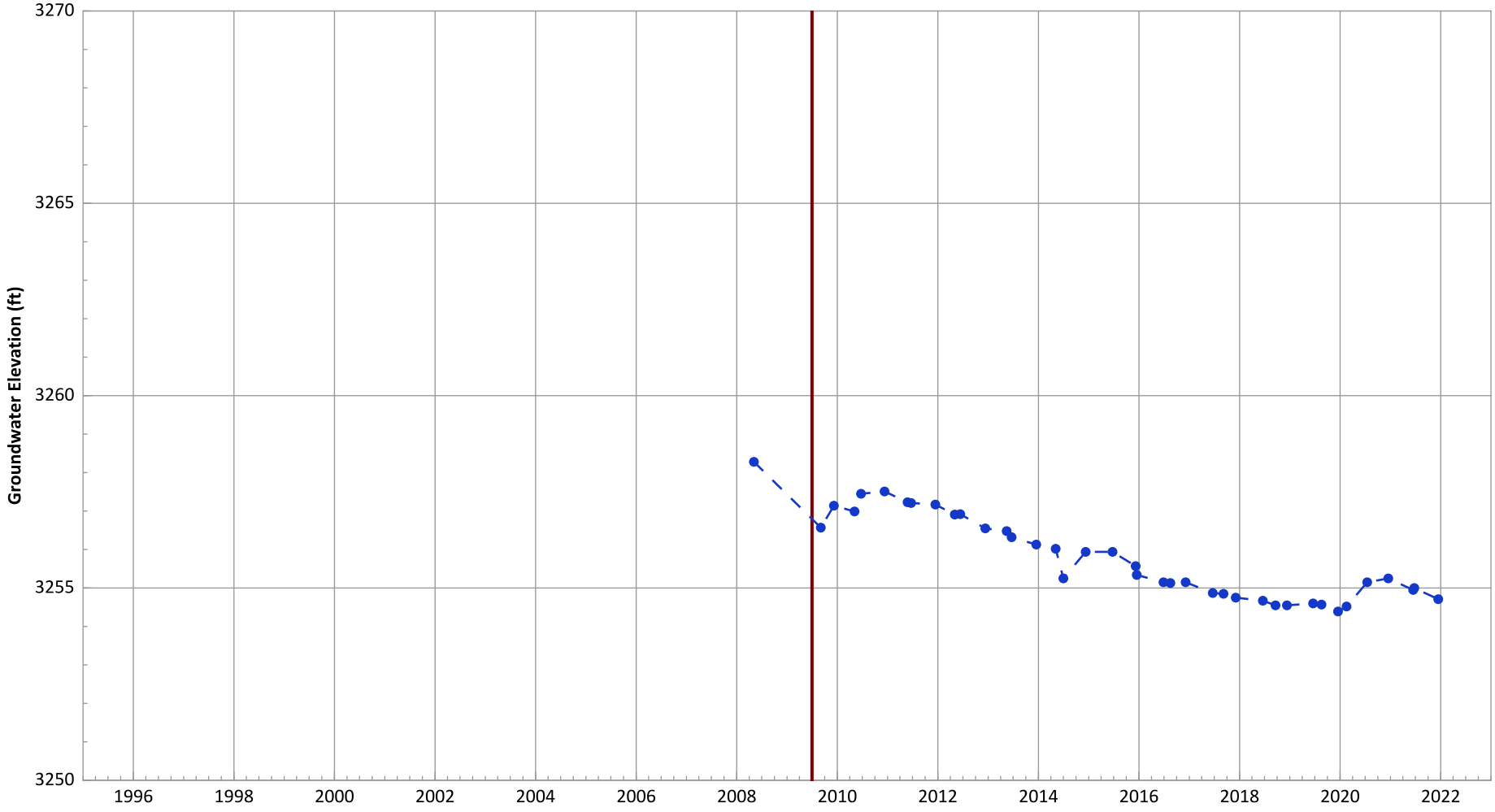
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.26 ft/yr

PTX06-1101 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

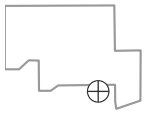


Notes:
1. Top of screen elevation is 3258.8 ft msl.
2. The bottom of screen elevation is 3243.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

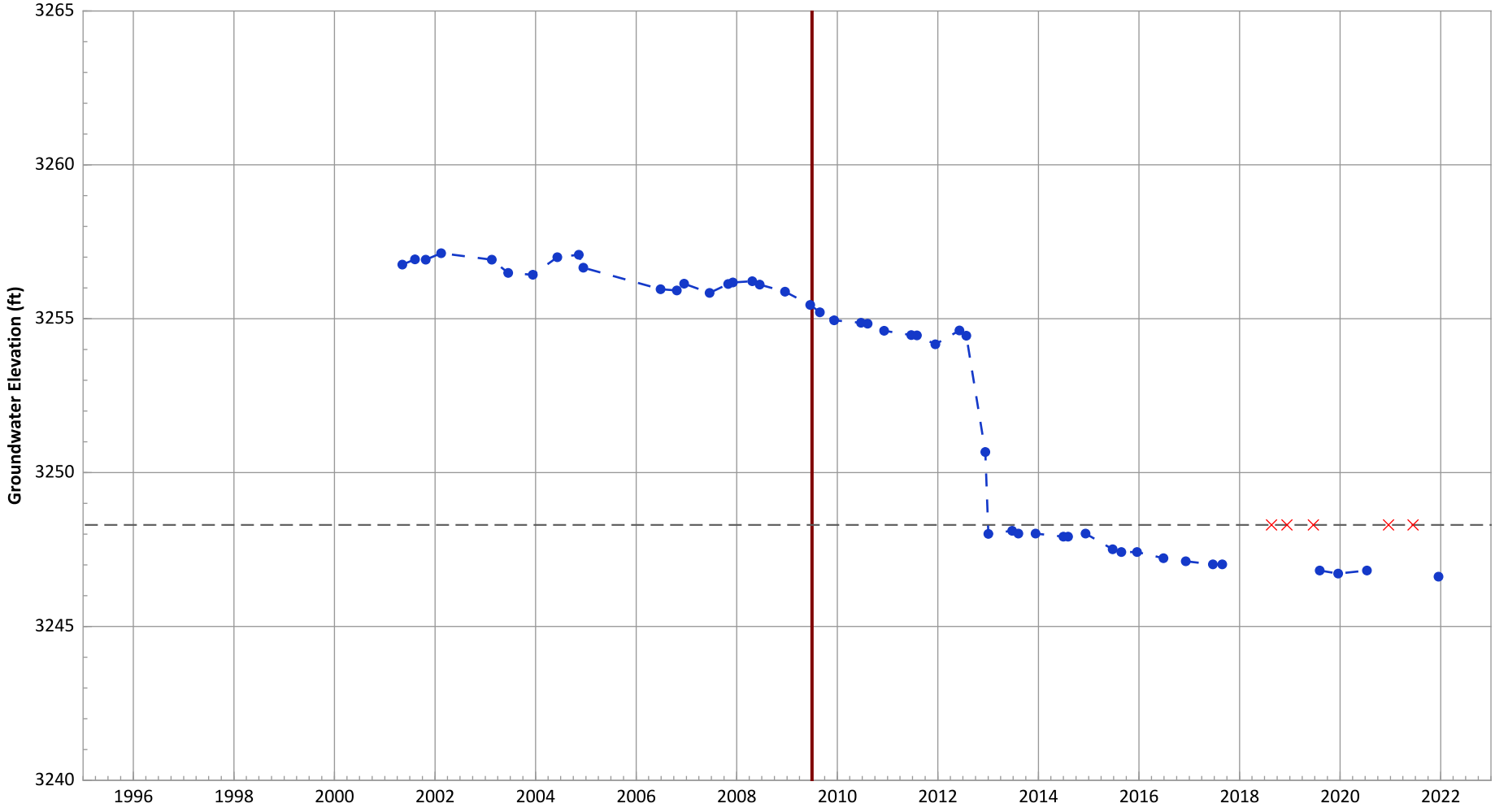
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX06-1102 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

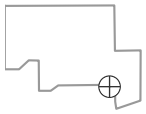


Notes:
1. Top of screen elevation is 3288.3 ft msl.
2. The bottom of screen elevation is 3248.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

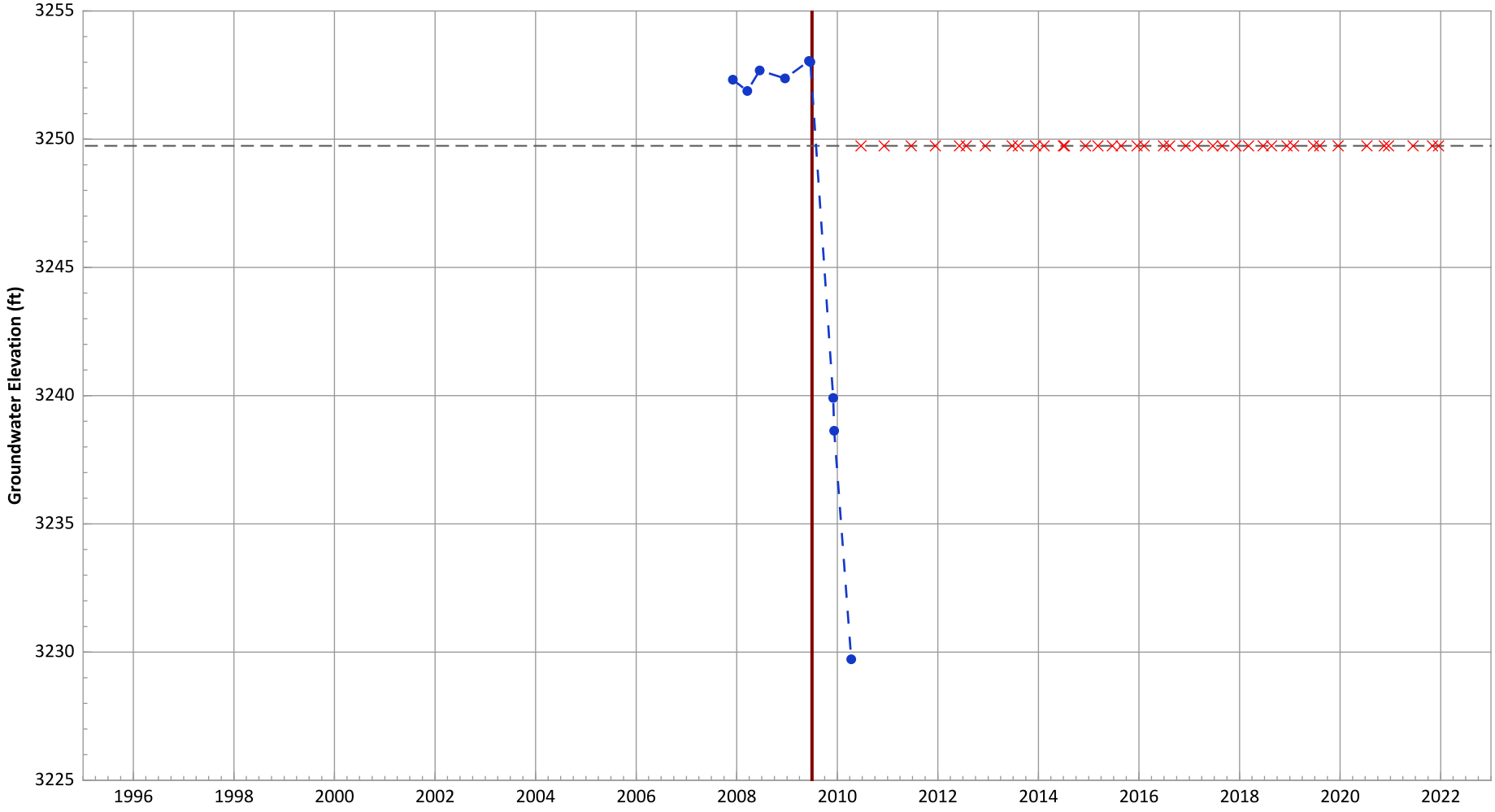
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.14 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.87 ft/yr

PTX06-1103 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

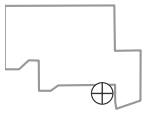


Notes:
1. Top of screen elevation is 3259.74 ft msl.
2. The bottom of screen elevation is 3249.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

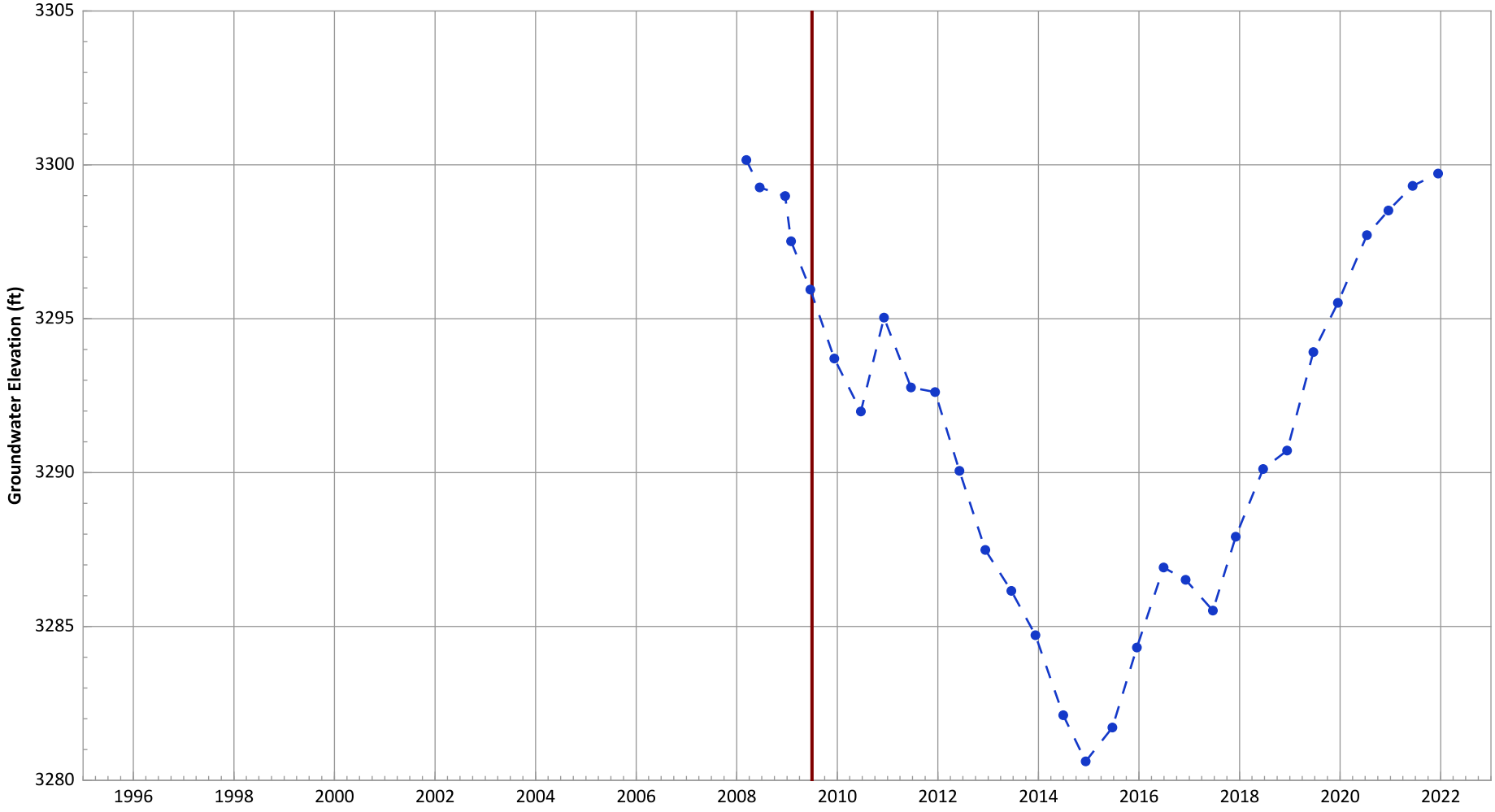
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 27.43 ft/yr

PTX06-1109 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

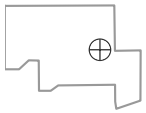


Notes:
1. Top of screen elevation is 3268.25 ft msl.
2. The bottom of screen elevation is 3258.25 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

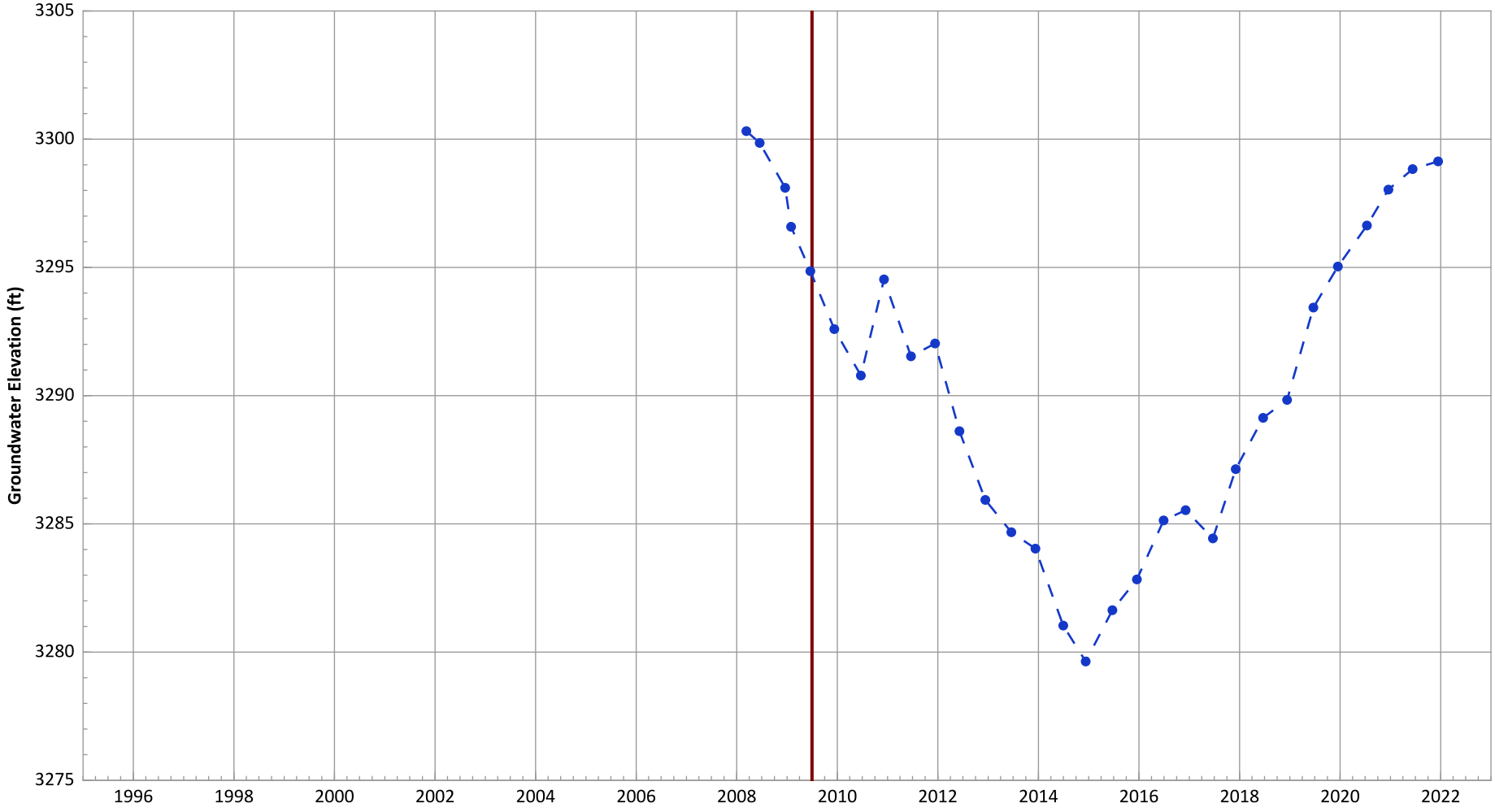
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.43 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.55 ft/yr

PTX06-1110 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

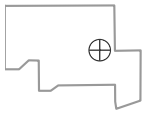


Notes:
1. Top of screen elevation is 3268.51 ft msl.
2. The bottom of screen elevation is 3258.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

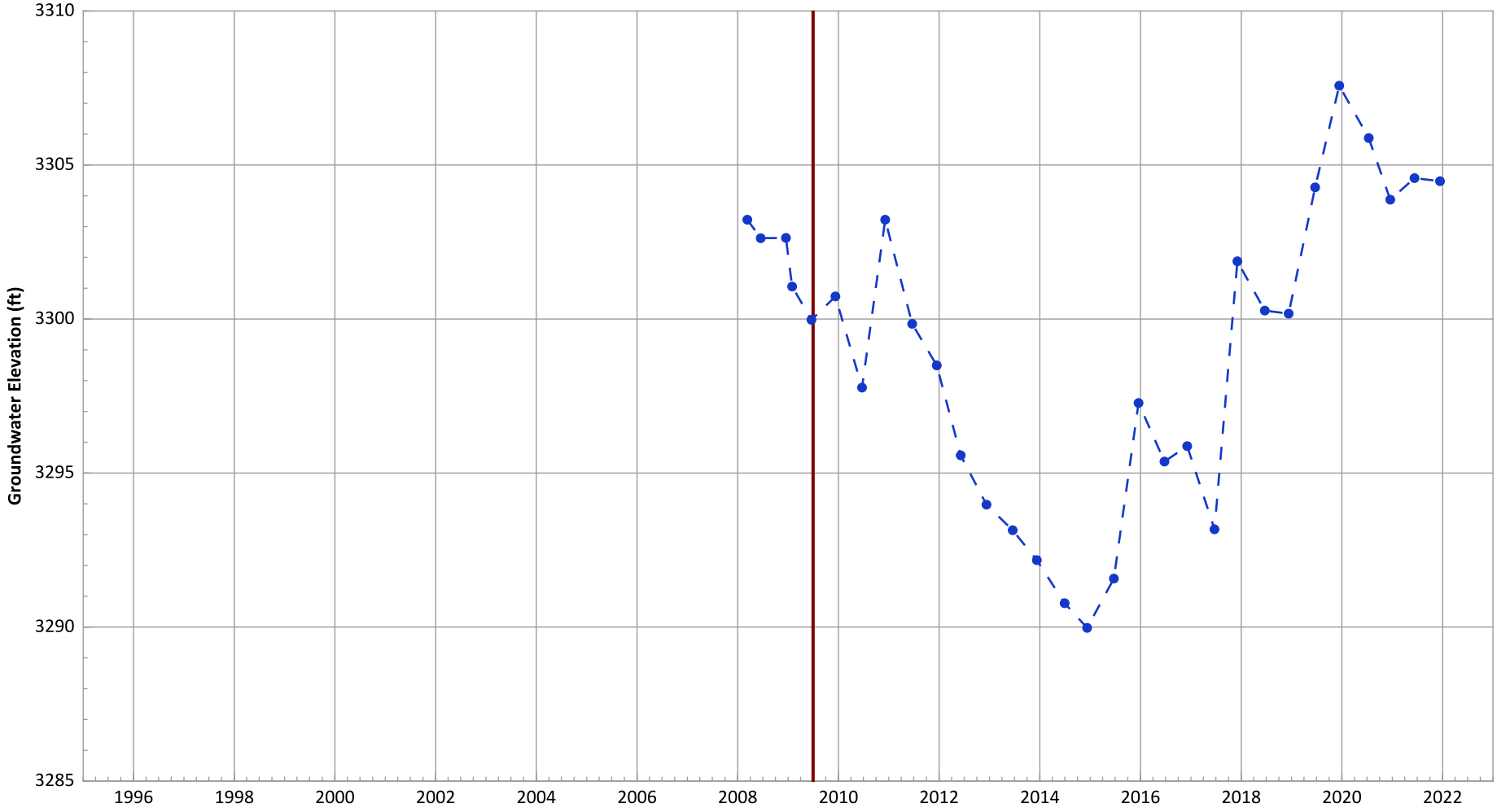
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.73 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.6 ft/yr

PTX06-1112 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

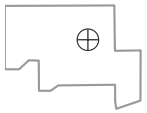


Notes:
1. Top of screen elevation is 3278.44 ft msl.
2. The bottom of screen elevation is 3268.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

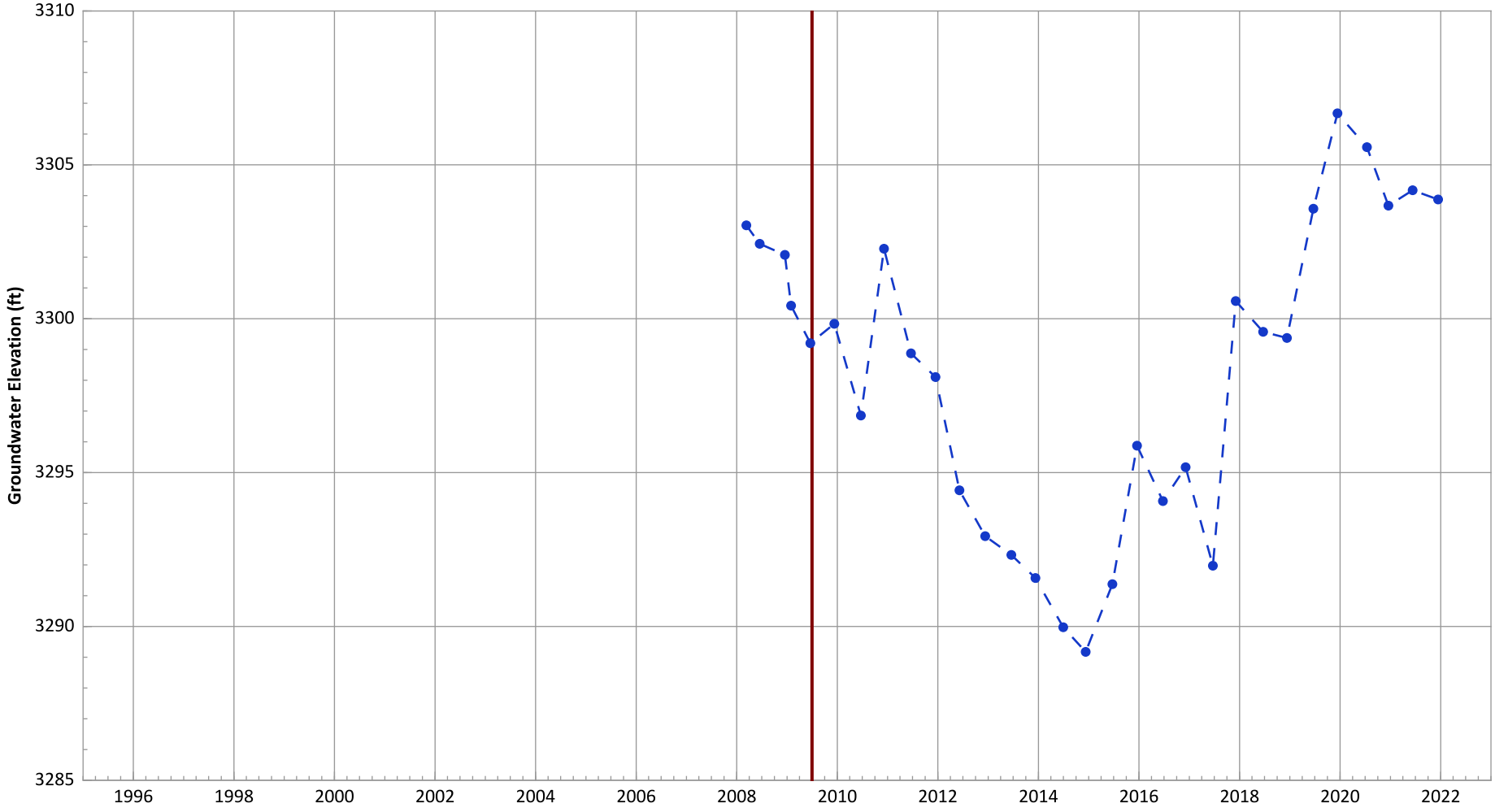
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.7 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.69 ft/yr

PTX06-1113 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

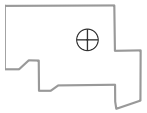


Notes:
1. Top of screen elevation is 3278.58 ft msl.
2. The bottom of screen elevation is 3268.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

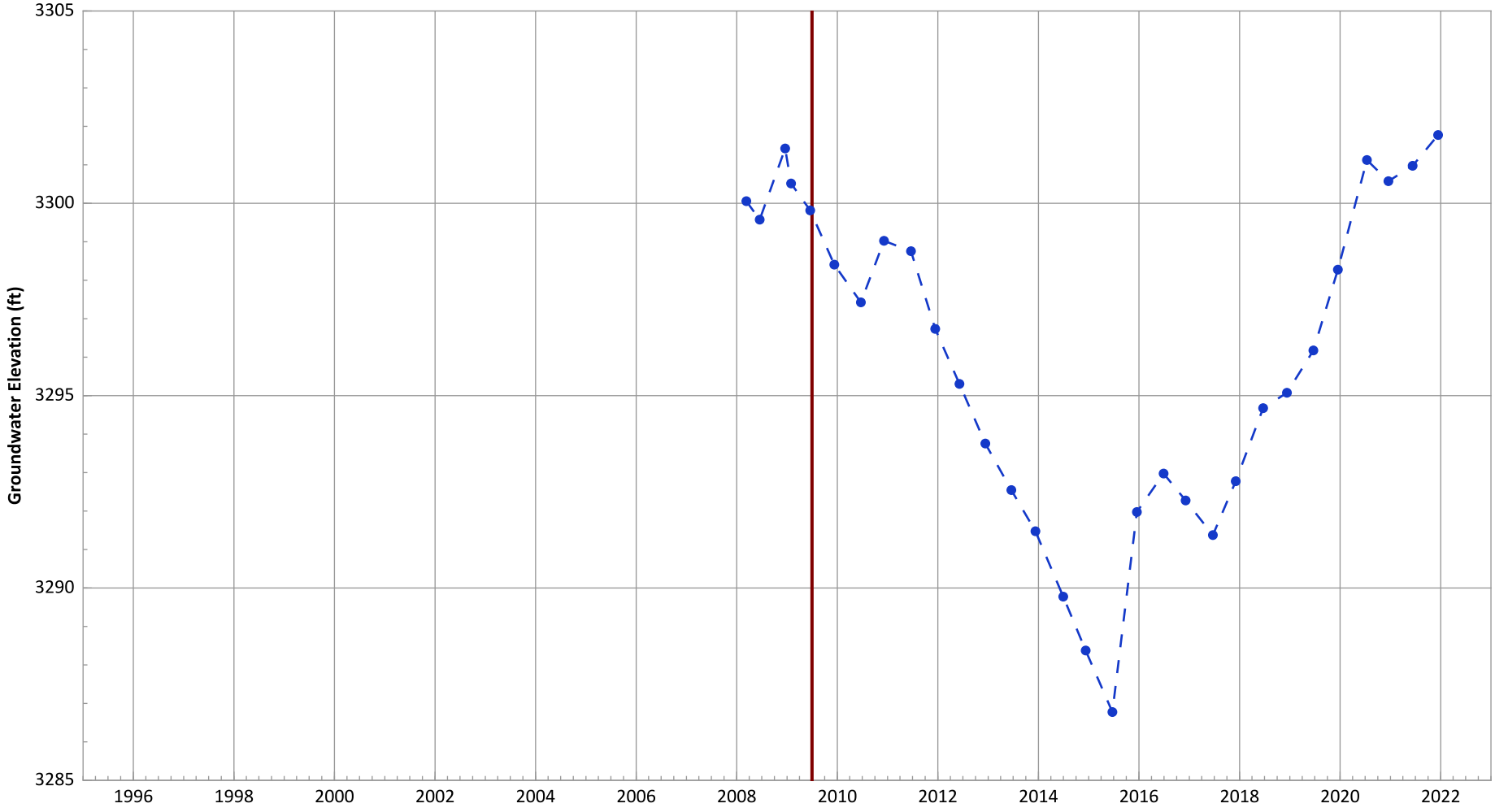
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.94 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.72 ft/yr

PTX06-1115 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

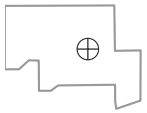


Notes:
1. Top of screen elevation is 3273.18 ft msl.
2. The bottom of screen elevation is 3263.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

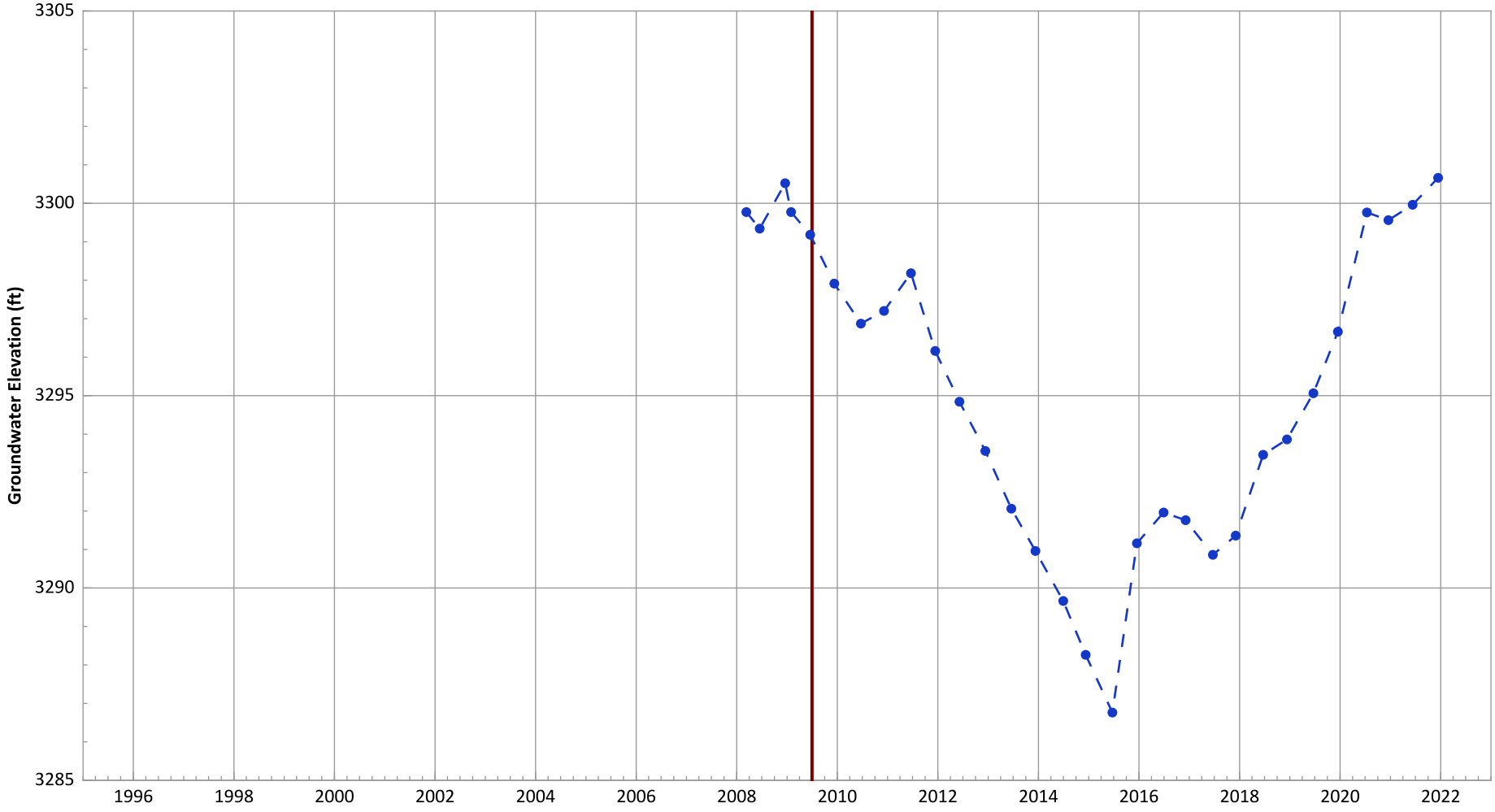
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.52 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.27 ft/yr

PTX06-1116 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

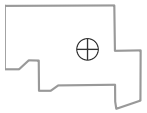


Notes:
1. Top of screen elevation is 3278.26 ft msl.
2. The bottom of screen elevation is 3268.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

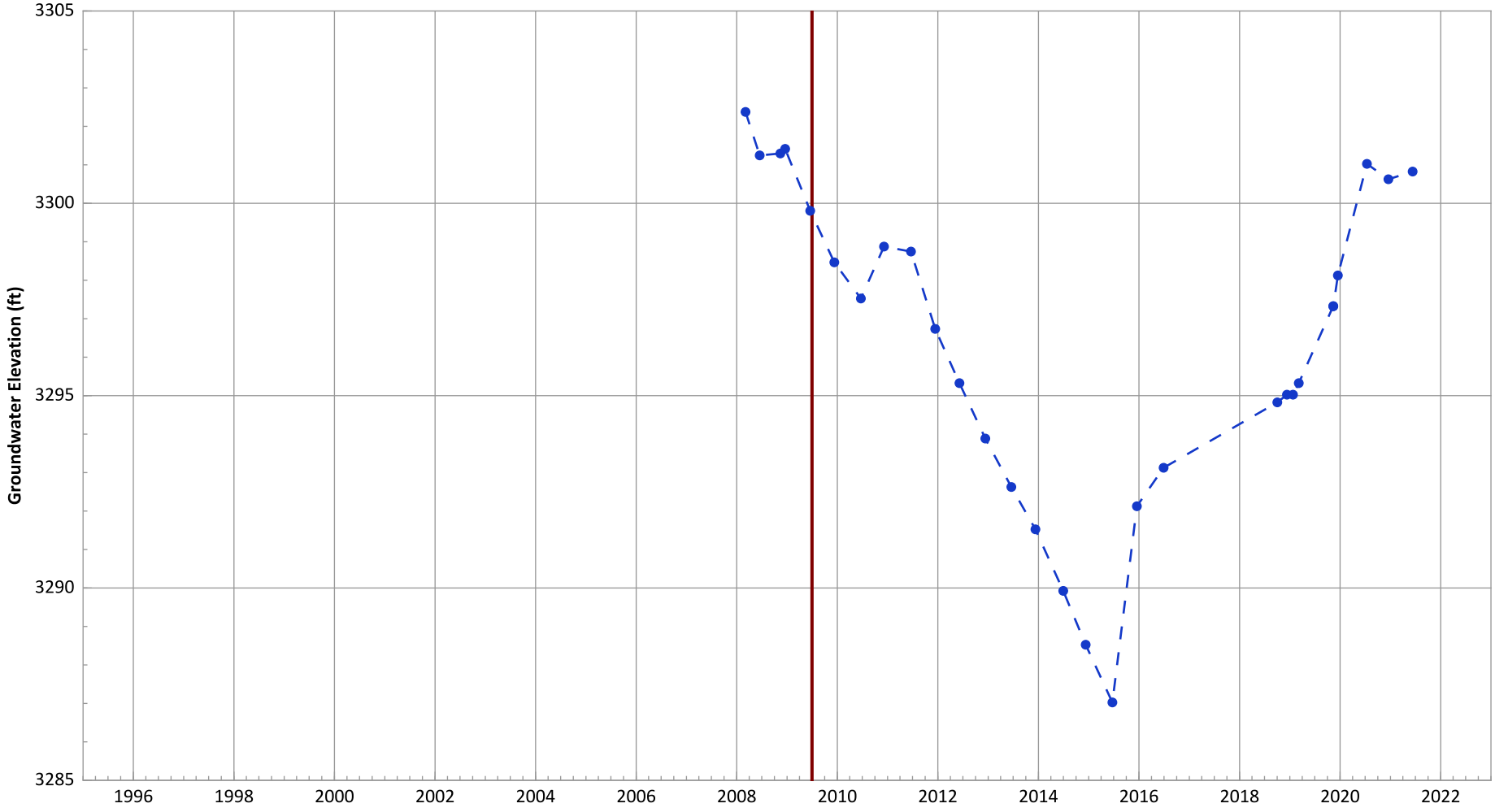
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.67 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.21 ft/yr

PTX06-1117 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

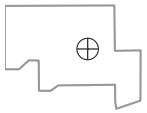


Notes:
1. Top of screen elevation is 3317.97 ft msl.
2. The bottom of screen elevation is 3267.97 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

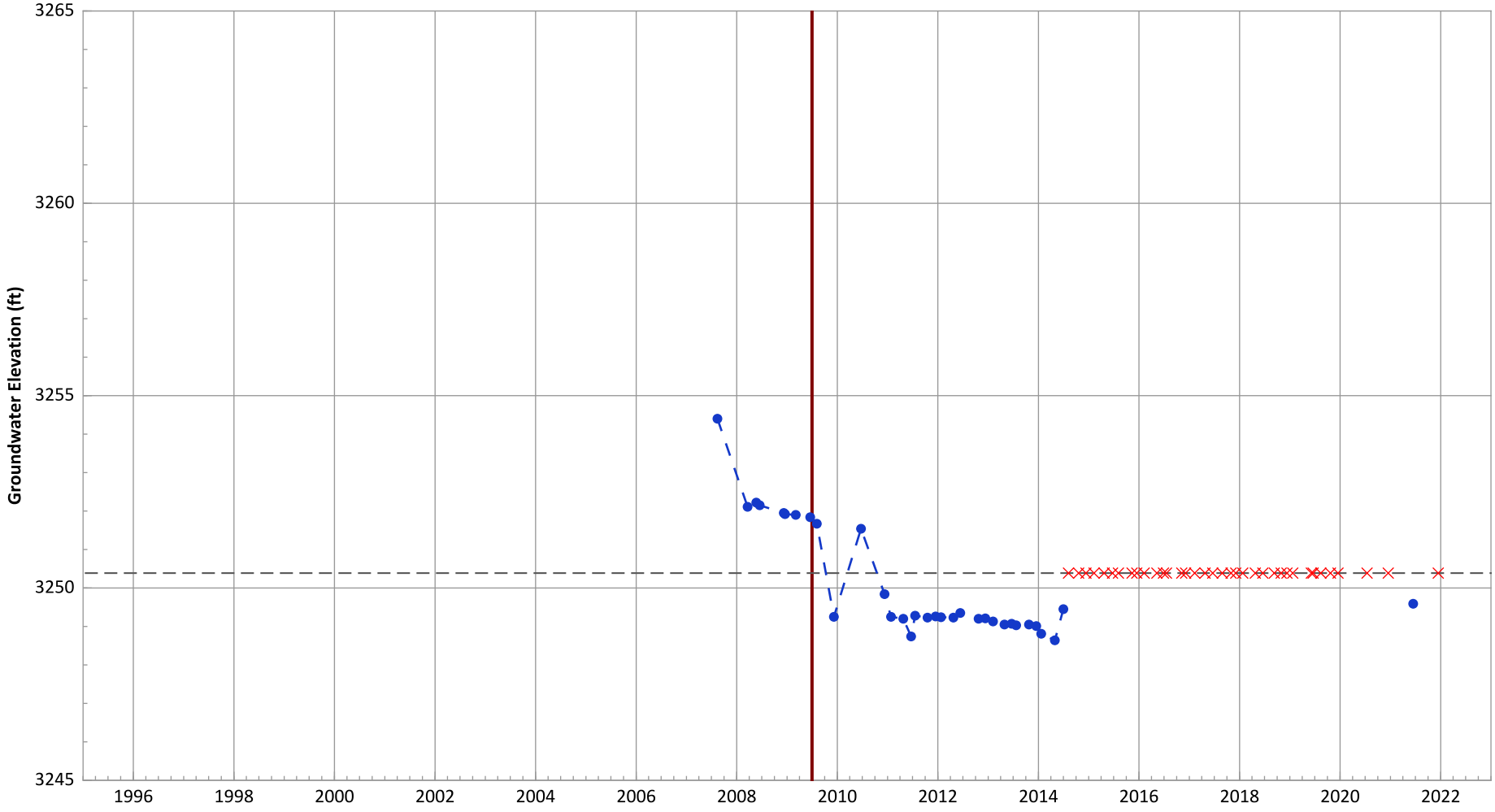
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.21 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.23 ft/yr

PTX06-1118 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

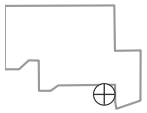


Notes:
1. Top of screen elevation is 3260.39 ft msl.
2. The bottom of screen elevation is 3250.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

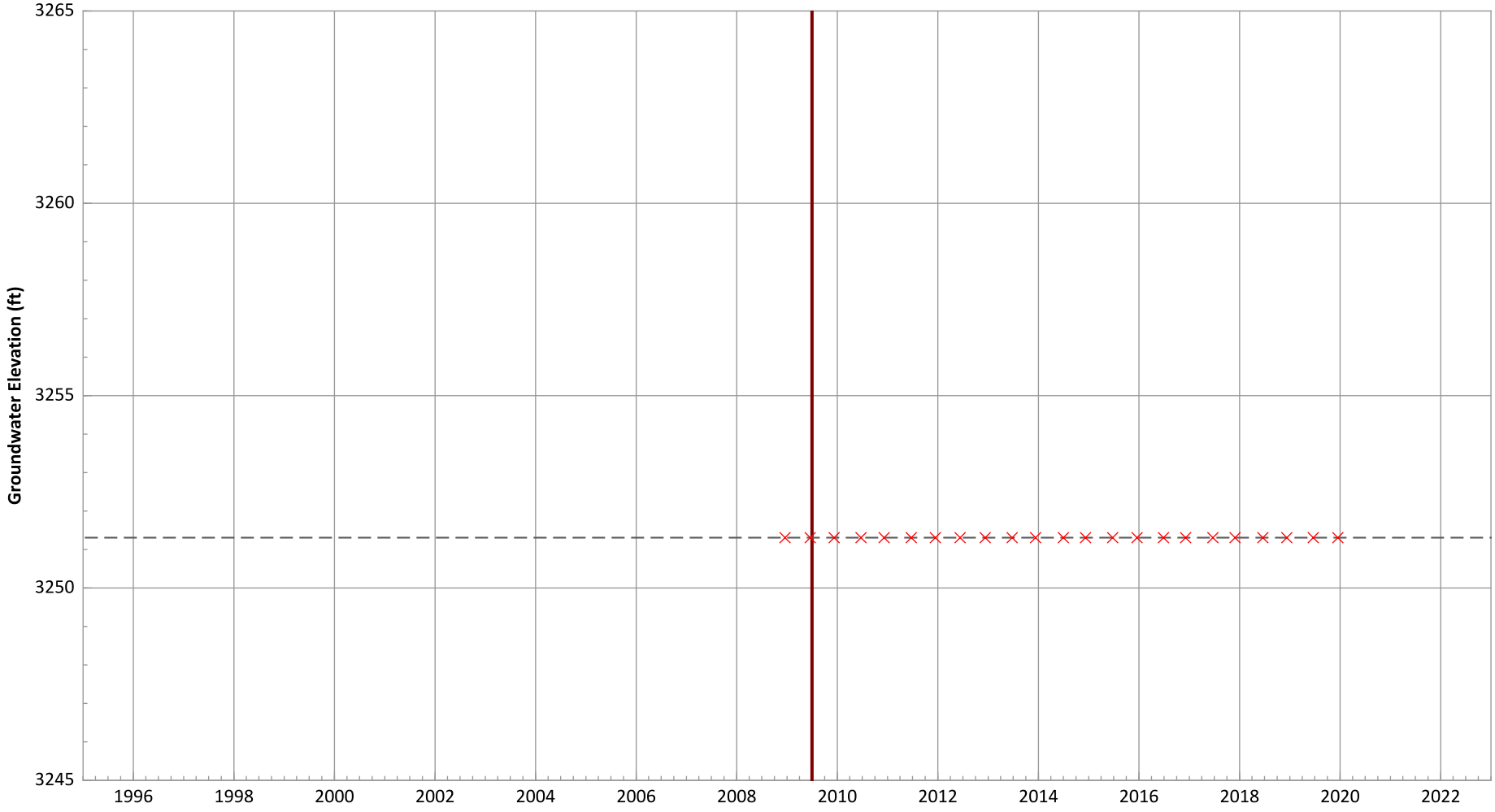
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): No Trend

PTX06-1119 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

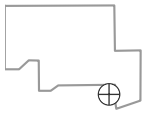


Notes:
1. Top of screen elevation is 3261.31 ft msl.
2. The bottom of screen elevation is 3251.31 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

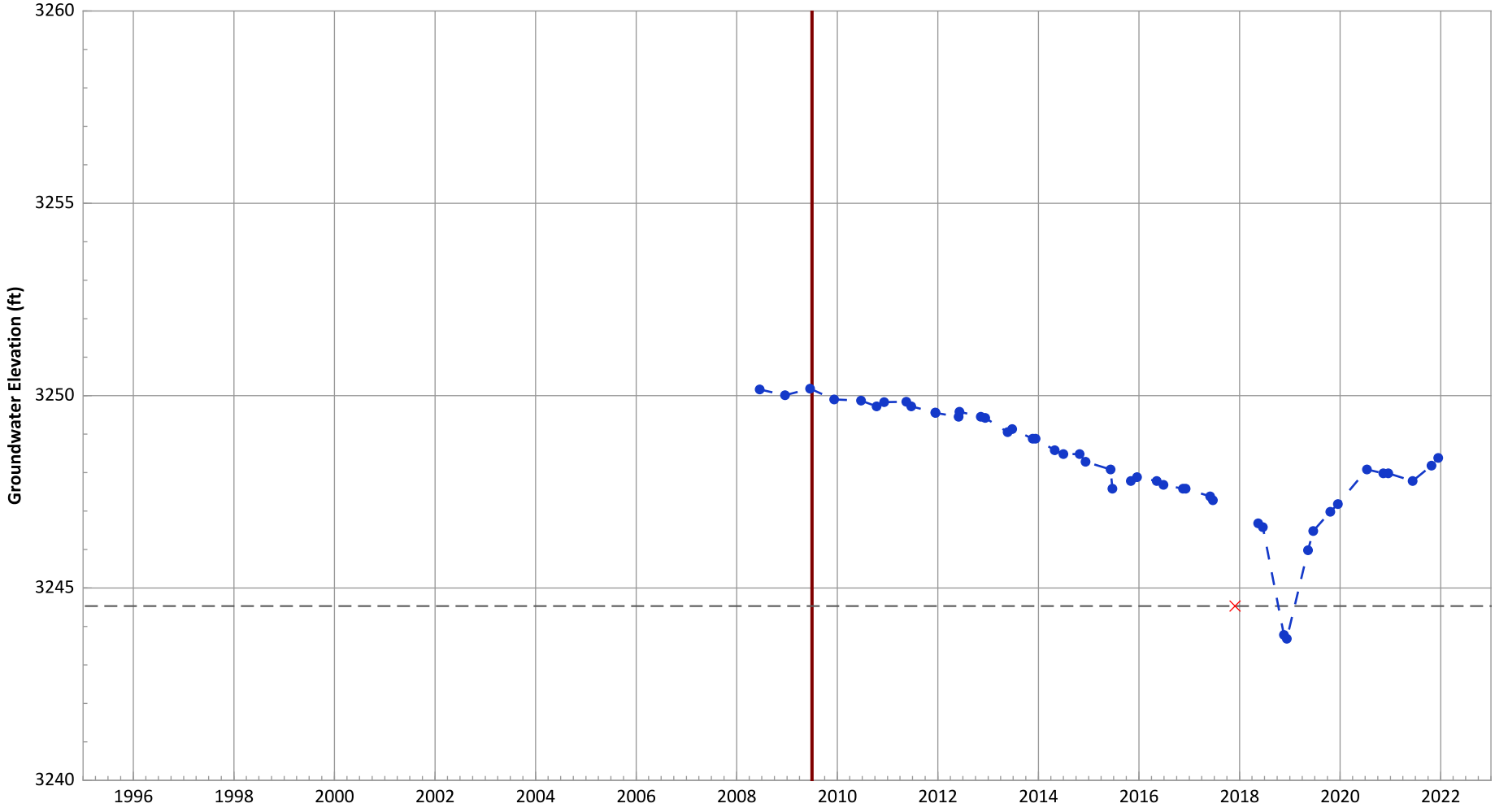
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1120 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

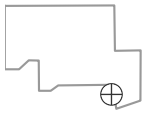


Notes:
1. Top of screen elevation is 3259.53 ft msl.
2. The bottom of screen elevation is 3244.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

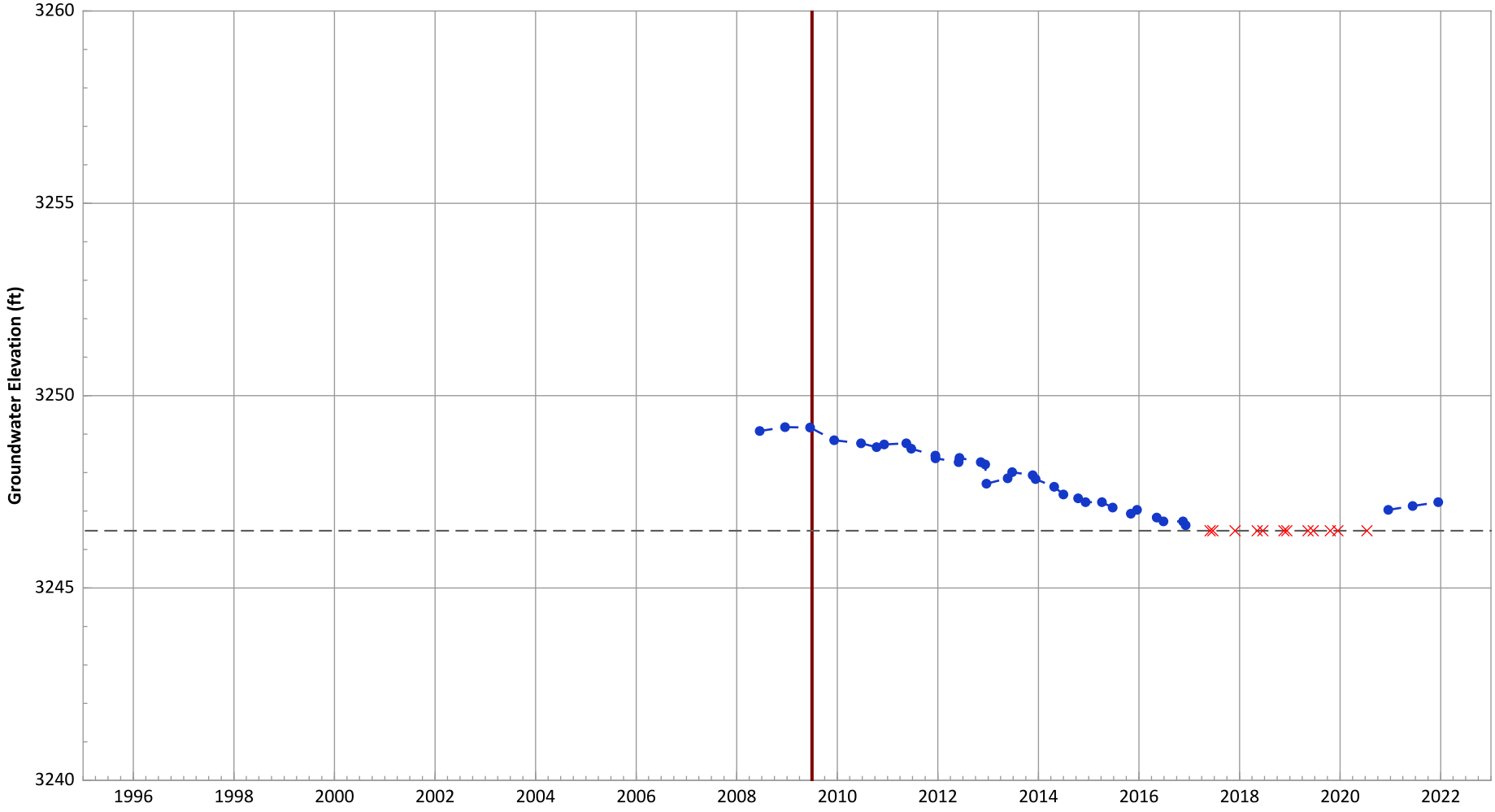
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.29 ft/yr

PTX06-1121 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

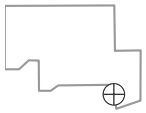


Notes:
1. Top of screen elevation is 3256.49 ft msl.
2. The bottom of screen elevation is 3246.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

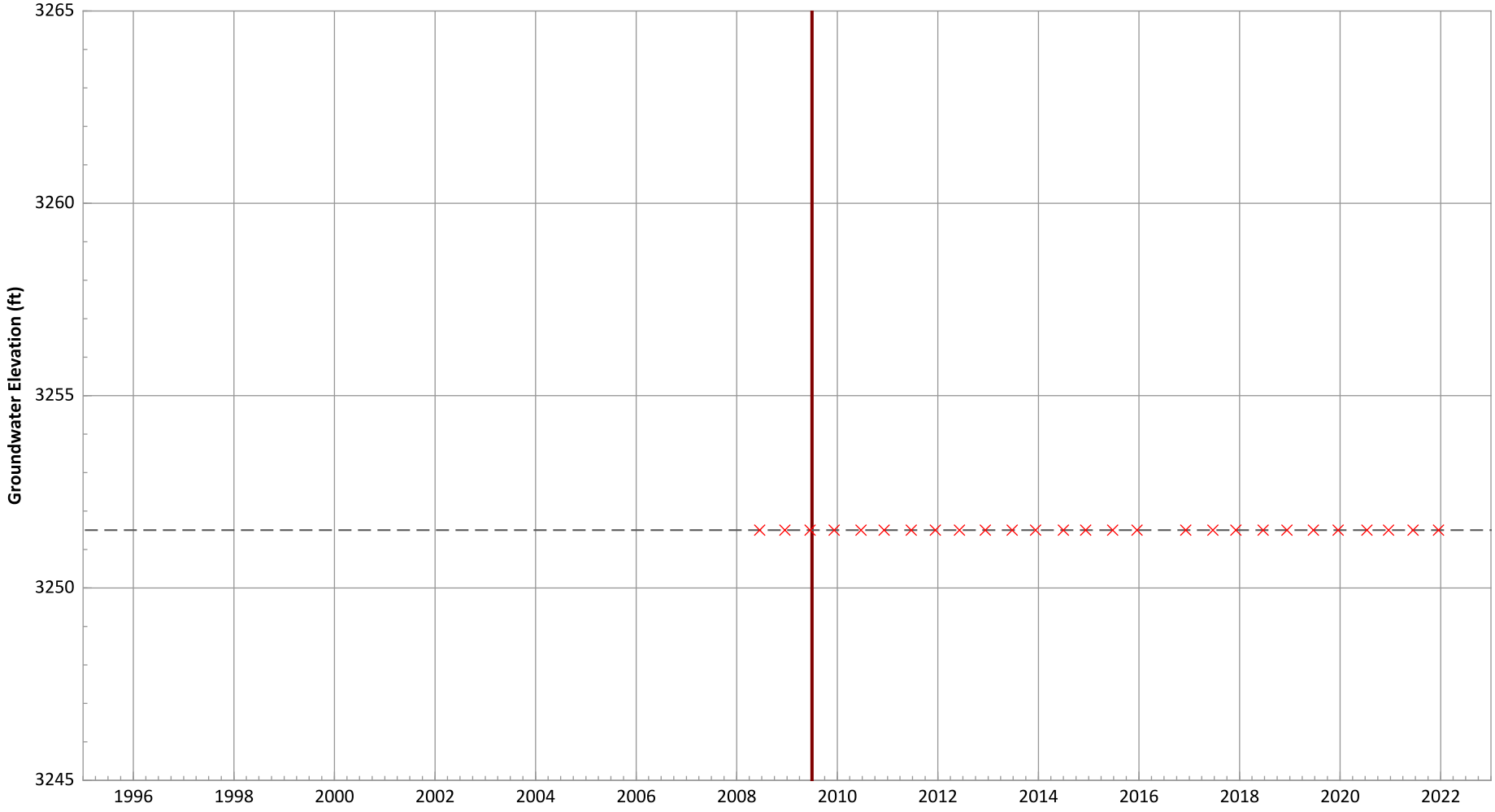
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.19 ft/yr

PTX06-1122 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

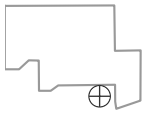


Notes:
1. Top of screen elevation is 3261.5 ft msl.
2. The bottom of screen elevation is 3251.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

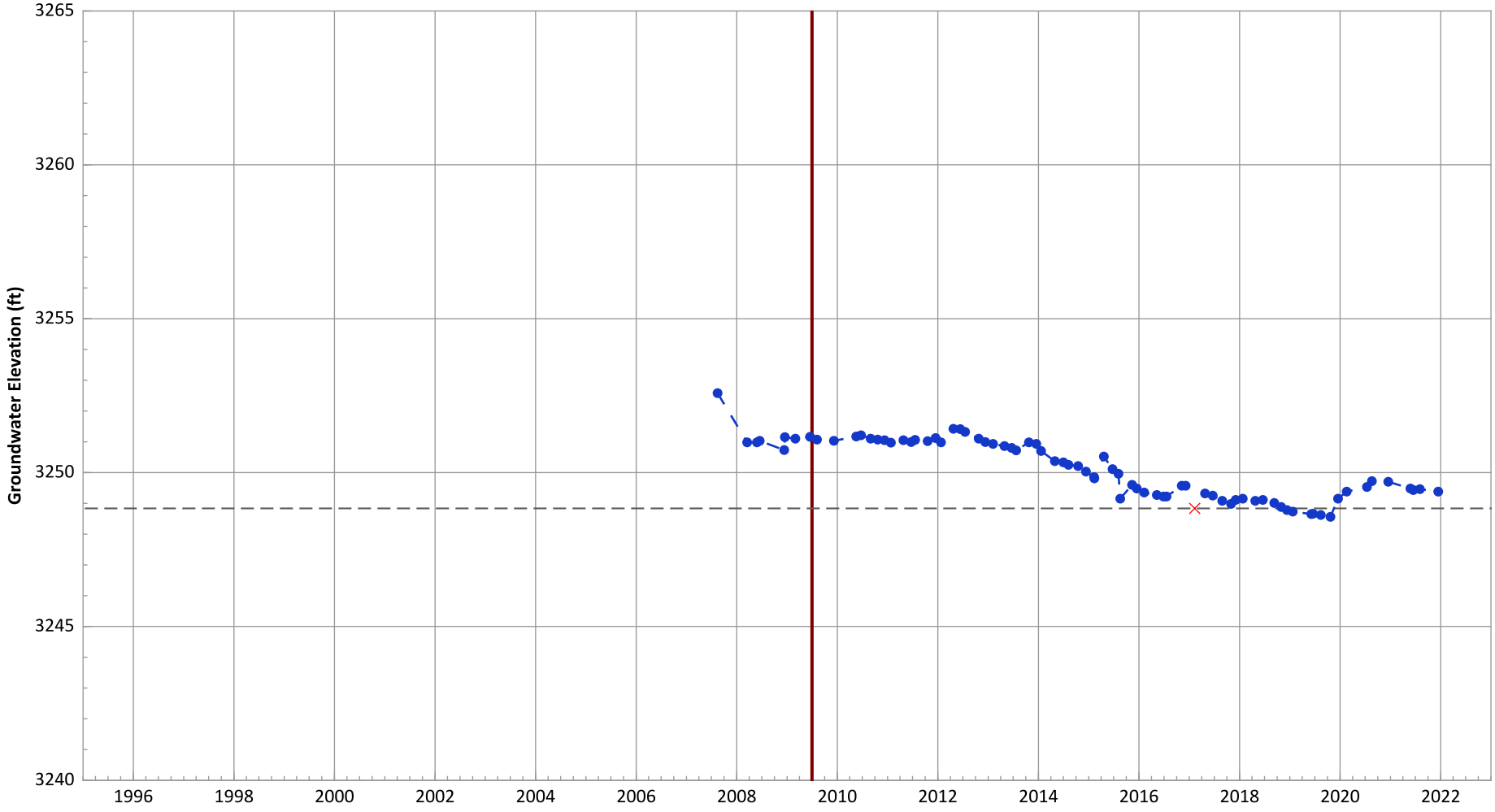
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1123 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

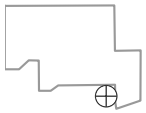


Notes:
1. Top of screen elevation is 3258.84 ft msl.
2. The bottom of screen elevation is 3248.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

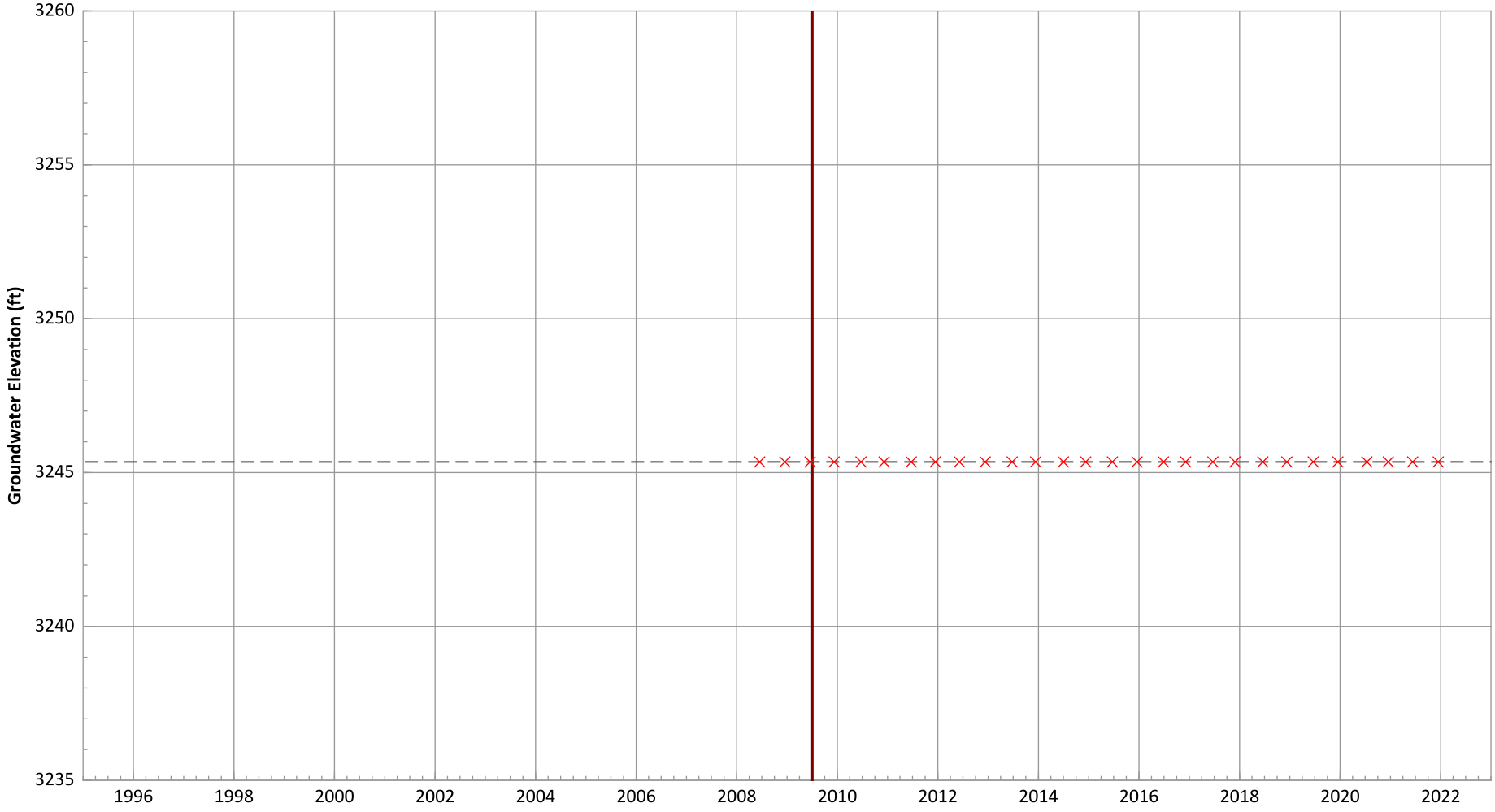
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.23 ft/yr

PTX06-1125 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

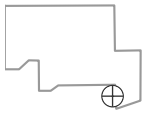


Notes:
1. Top of screen elevation is 3255.34 ft msl.
2. The bottom of screen elevation is 3245.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

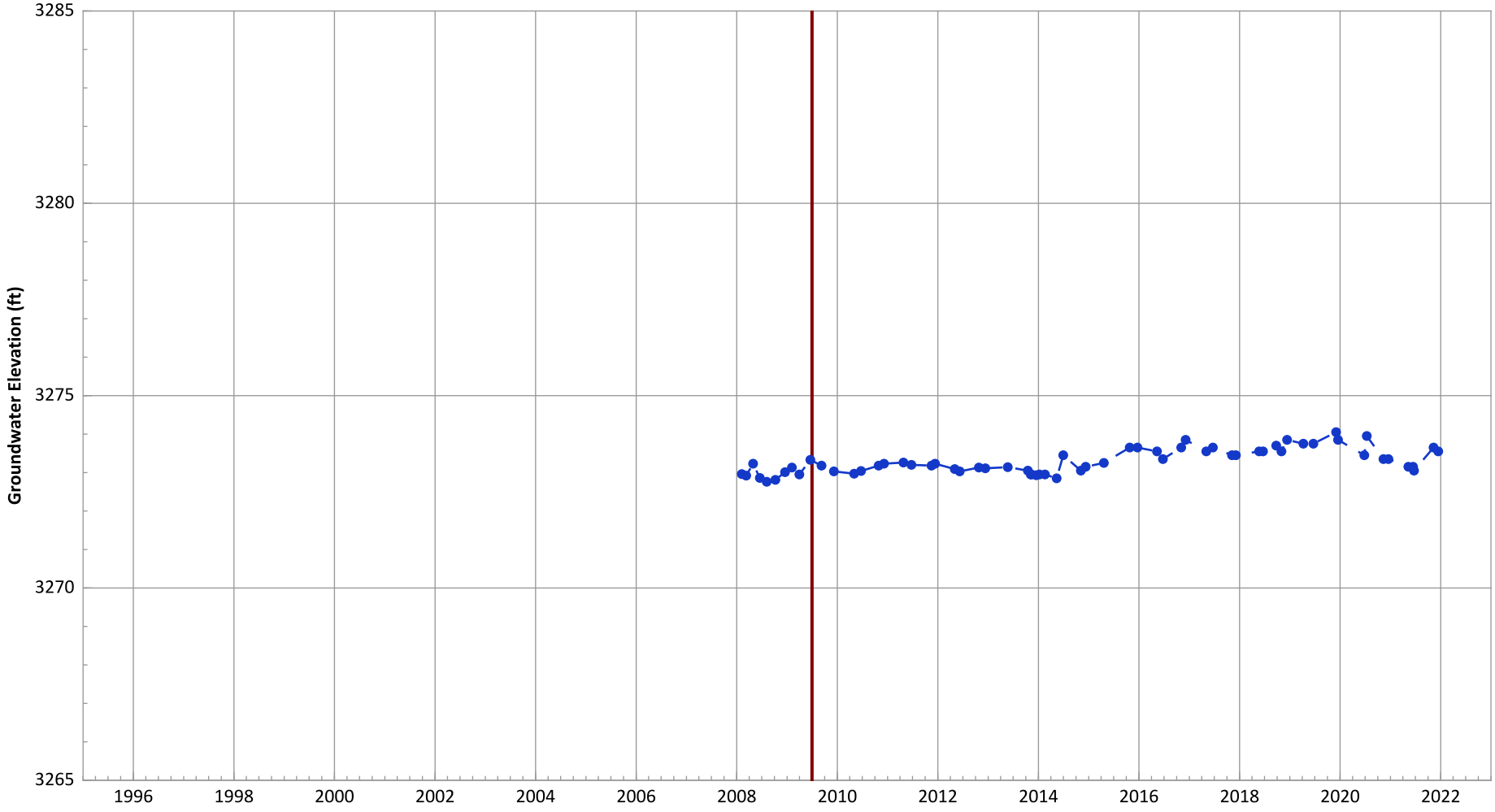
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1126 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

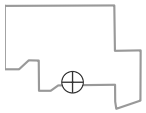


Notes:
1. Top of screen elevation is 3282.55 ft msl.
2. The bottom of screen elevation is 3252.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

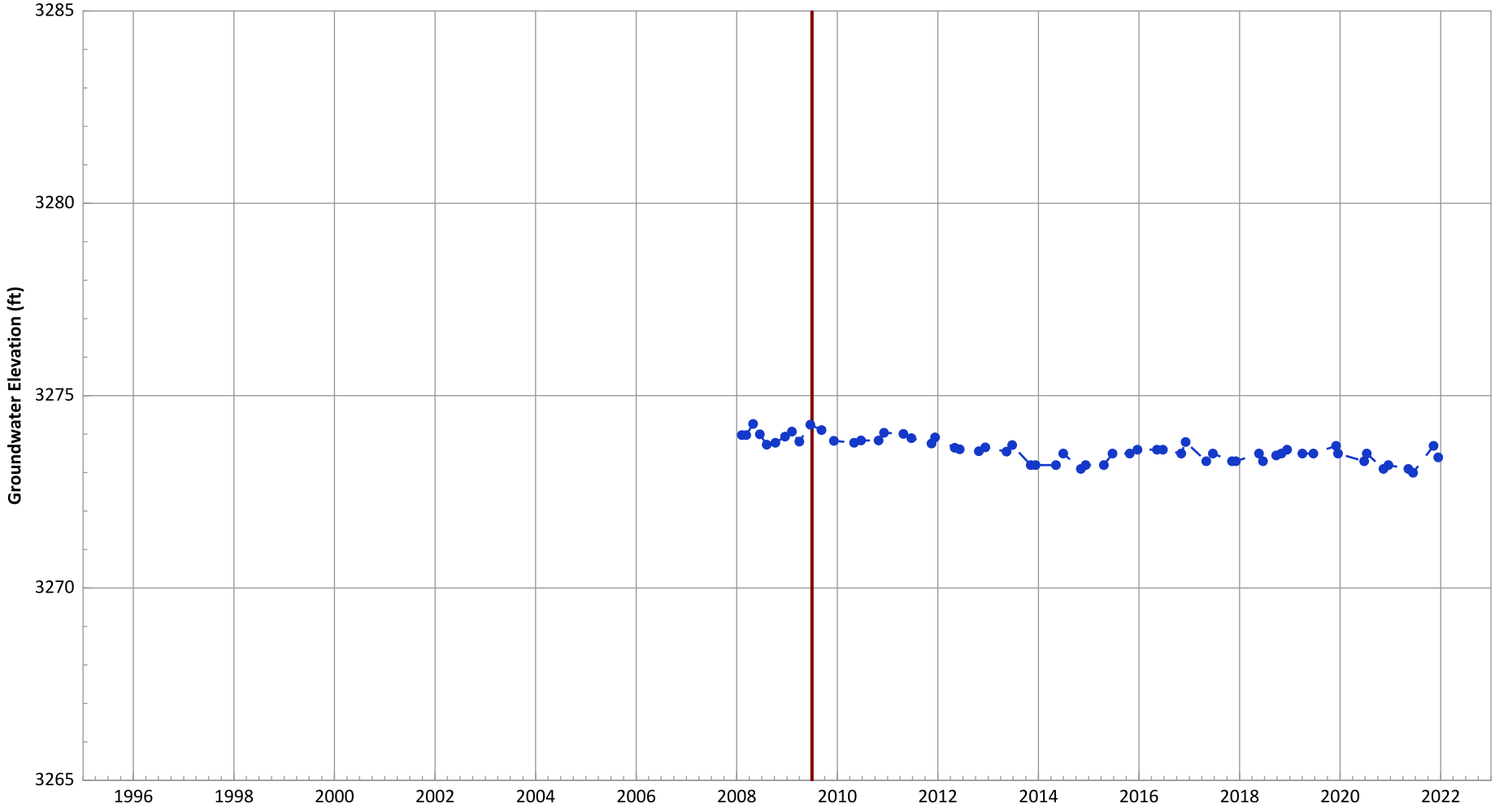
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.13 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1127 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

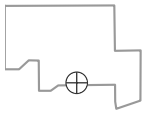


Notes:
1. Top of screen elevation is 3278.57 ft msl.
2. The bottom of screen elevation is 3248.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

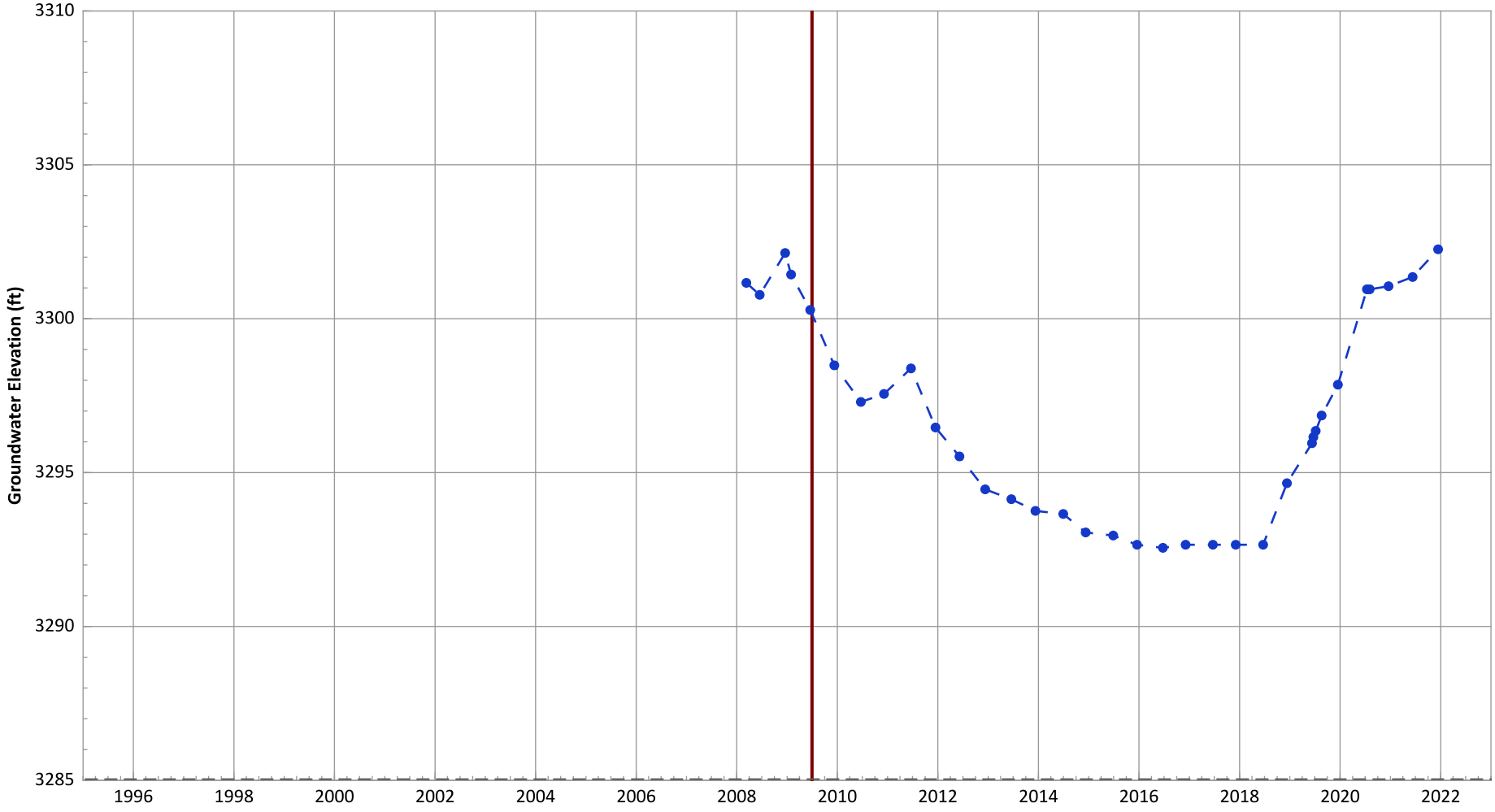
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1128 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

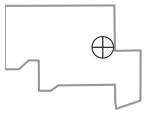


Notes:
1. Top of screen elevation is 3325.04 ft msl.
2. The bottom of screen elevation is 3285.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

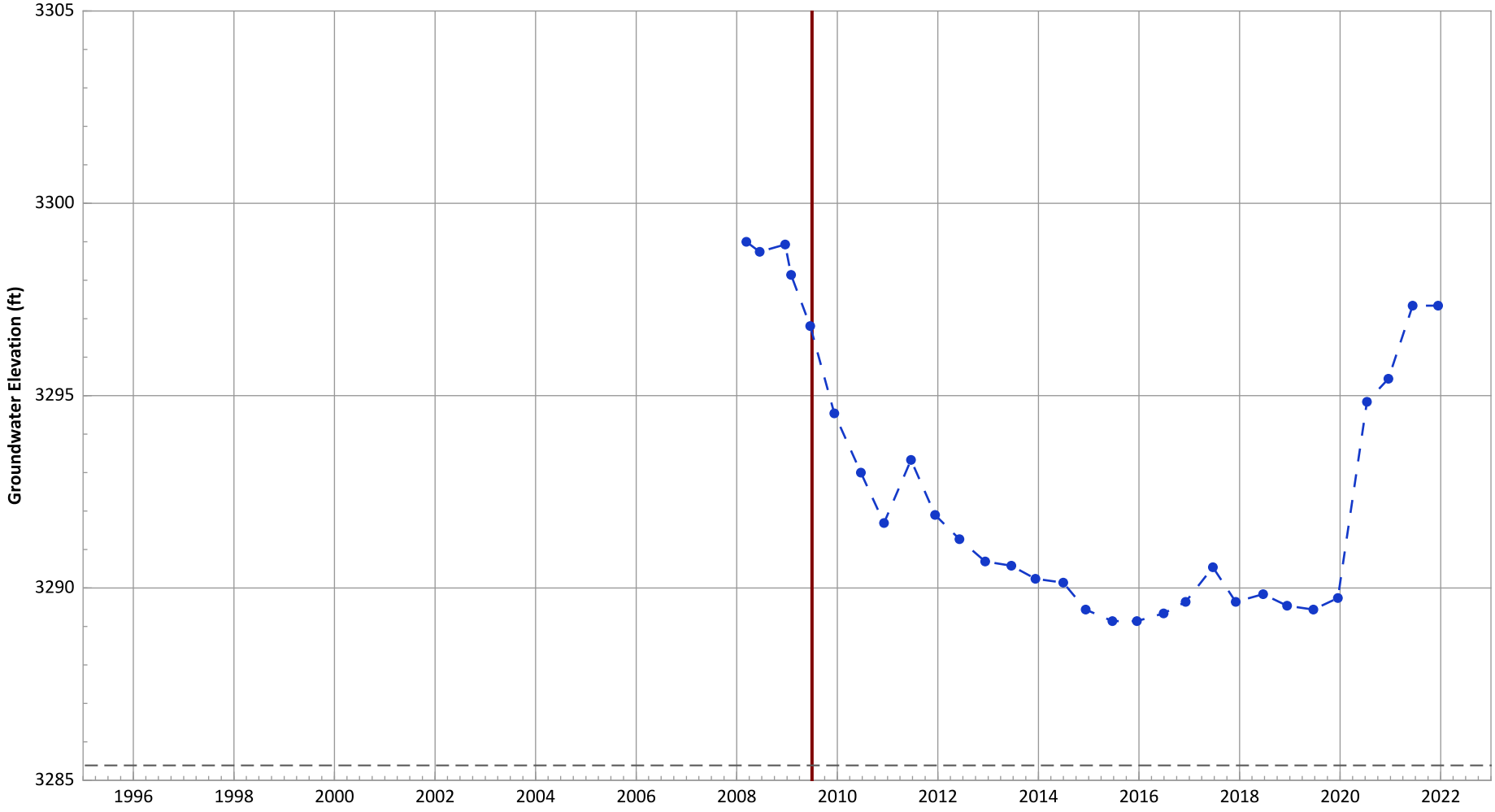
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.86 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.27 ft/yr

PTX06-1129 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

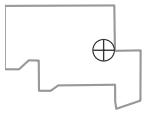


Notes:
1. Top of screen elevation is 3305.39 ft msl.
2. The bottom of screen elevation is 3285.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

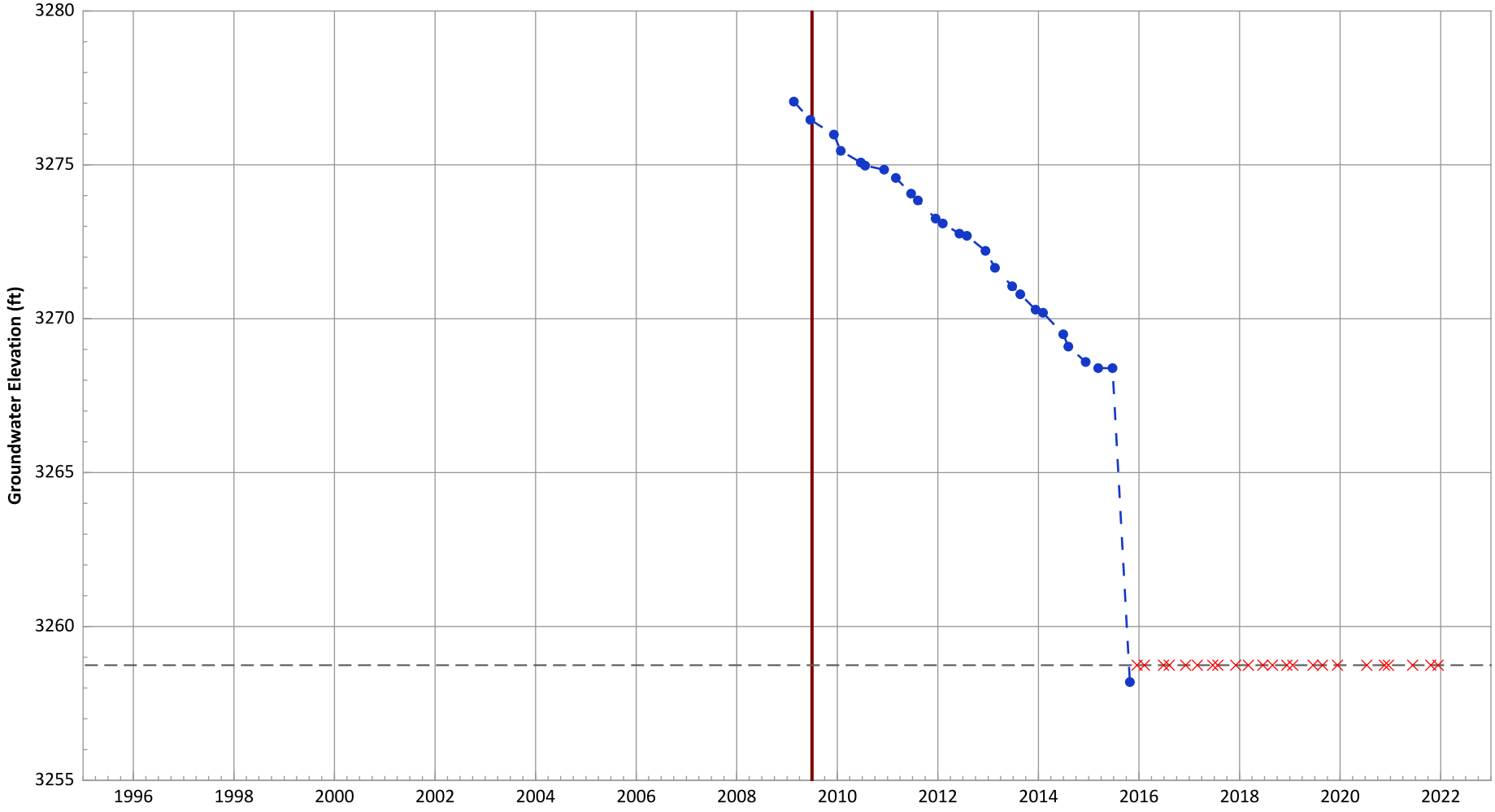
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.98 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.14 ft/yr

PTX06-1130 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

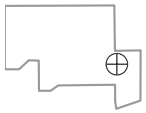


Notes:
1. Top of screen elevation is 3283.74 ft msl.
2. The bottom of screen elevation is 3258.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

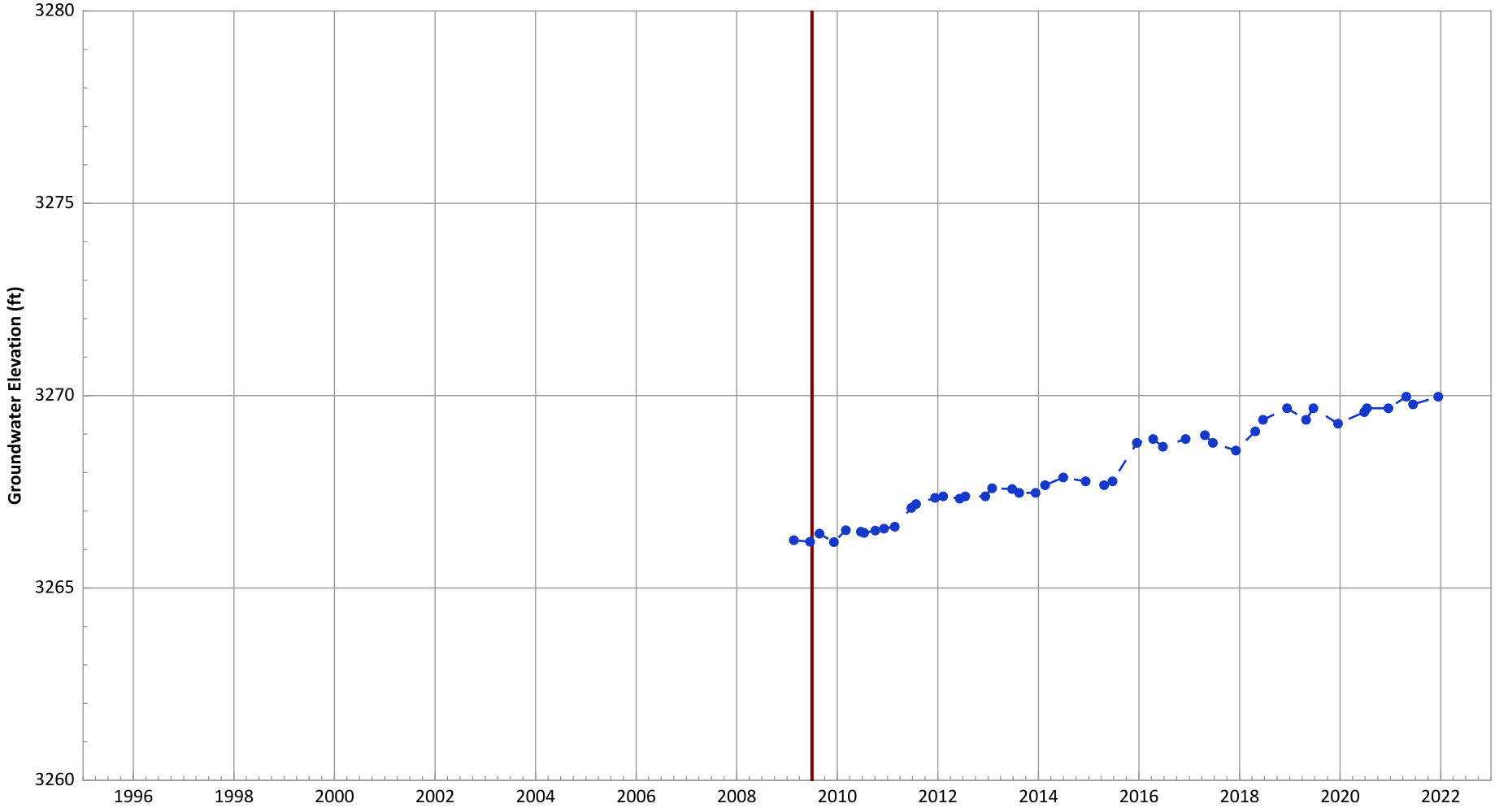
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 1.82 ft/yr

PTX06-1131 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

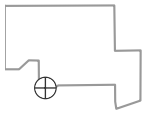


Notes:
1. Top of screen elevation is 3278.81 ft msl.
2. The bottom of screen elevation is 3258.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

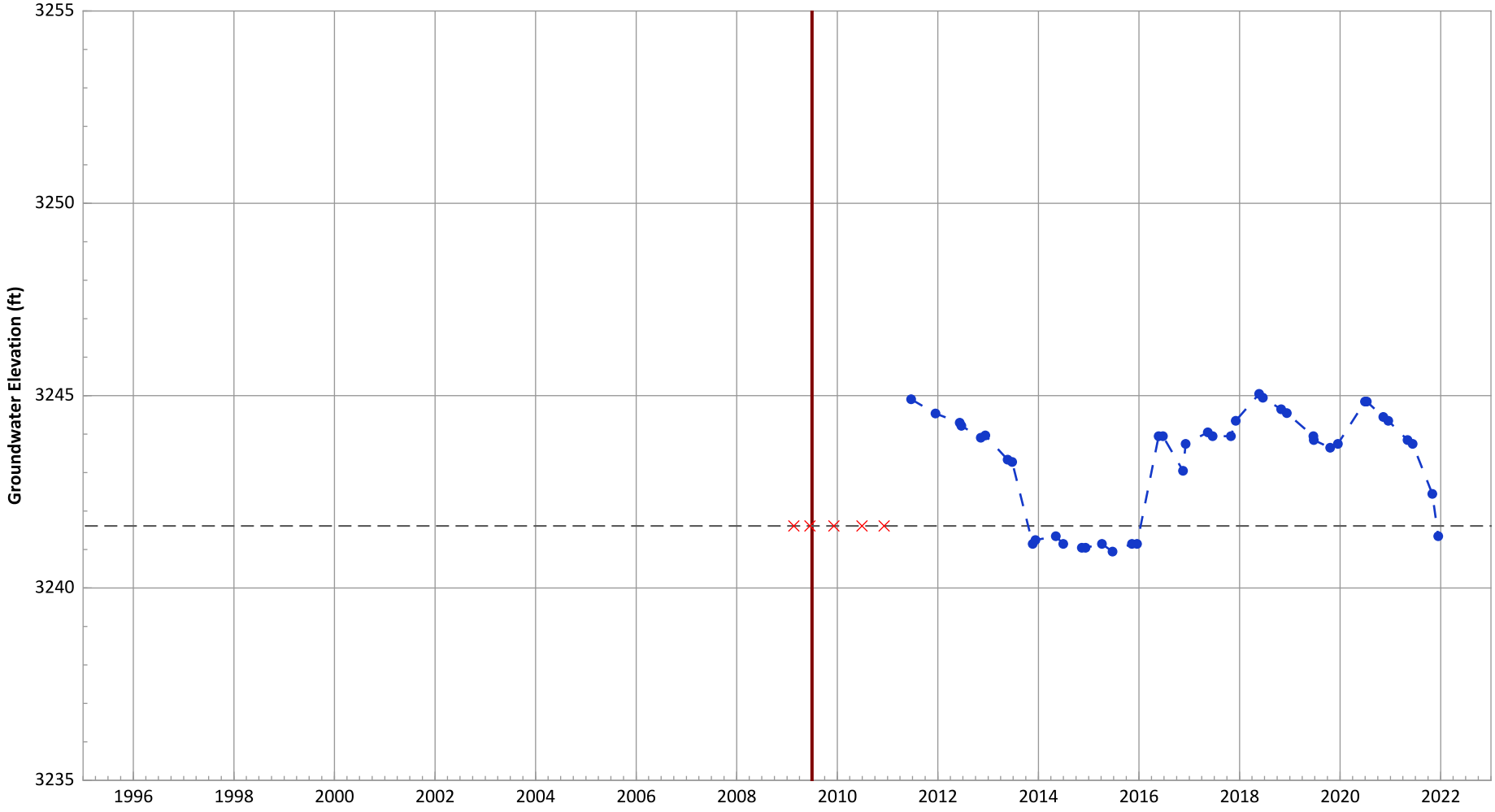
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.25 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.31 ft/yr

PTX06-1133A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

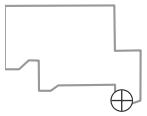


Notes:
1. Top of screen elevation is 3256.61 ft msl.
2. The bottom of screen elevation is 3241.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

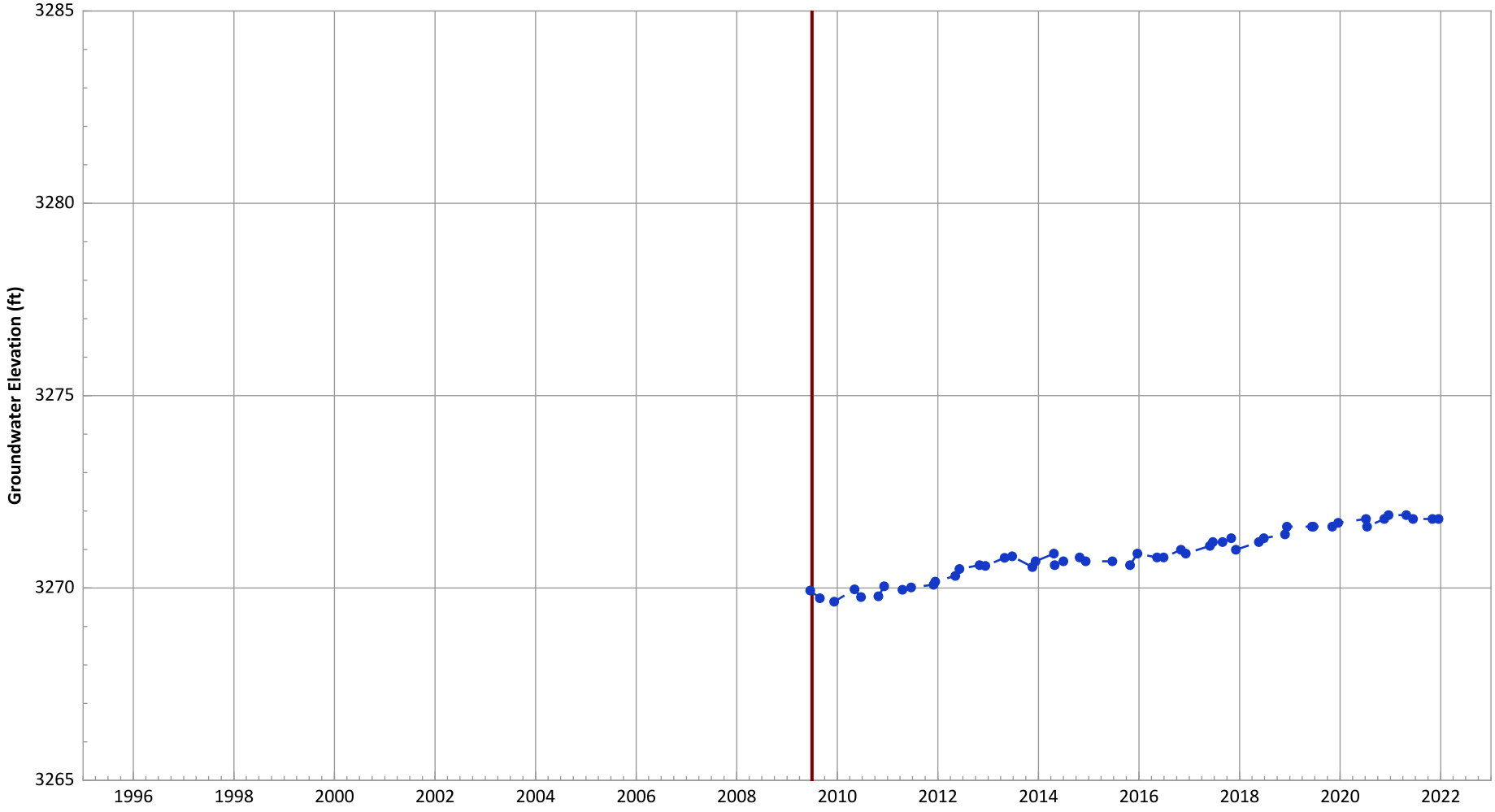
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 2.09 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.11 ft/yr

PTX06-1134 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

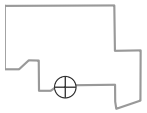


Notes:
1. Top of screen elevation is 3276.07 ft msl.
2. The bottom of screen elevation is 3261.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

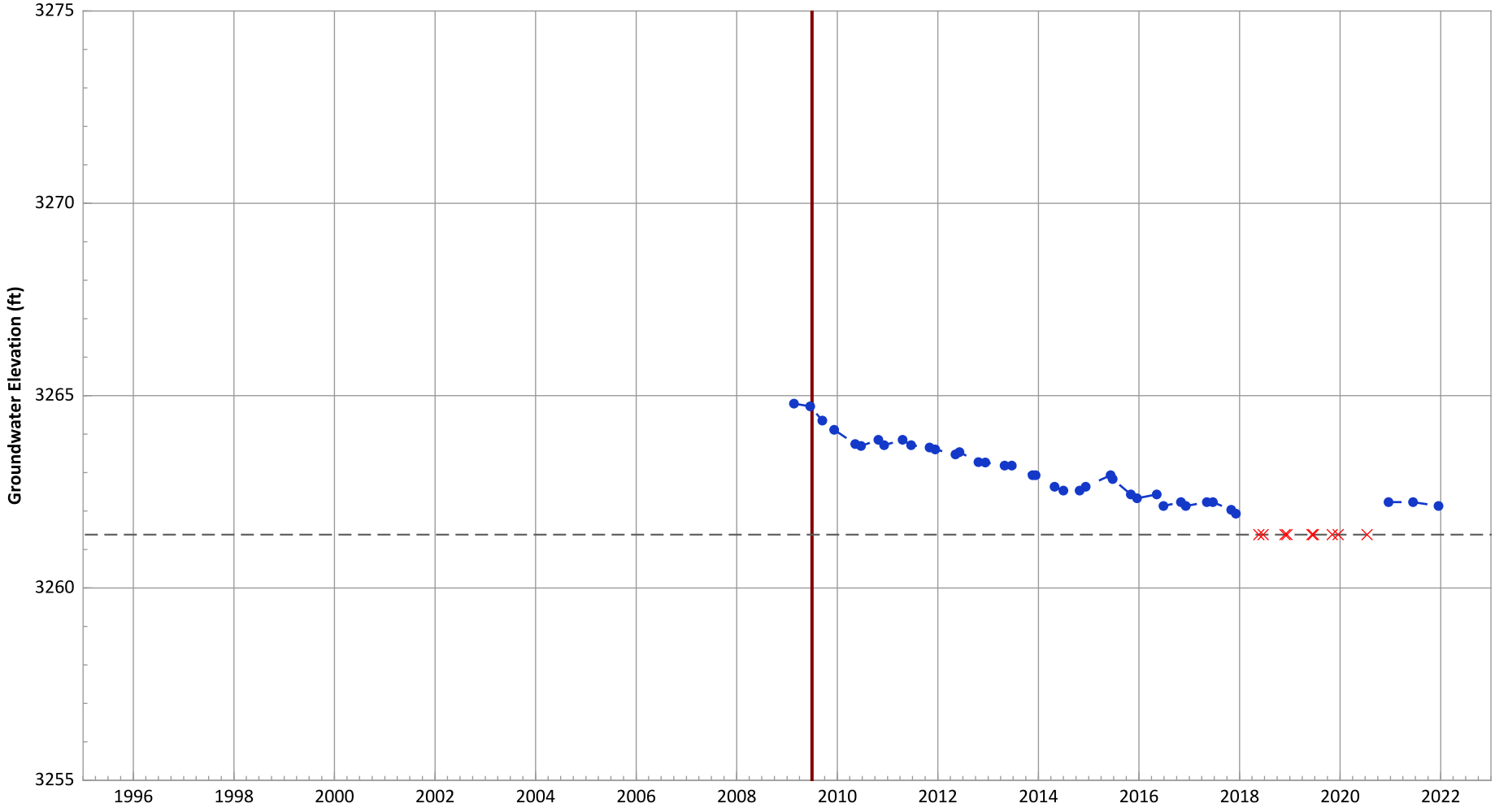
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-1135 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

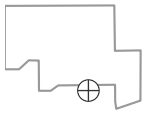


Notes:
1. Top of screen elevation is 3281.39 ft msl.
2. The bottom of screen elevation is 3261.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

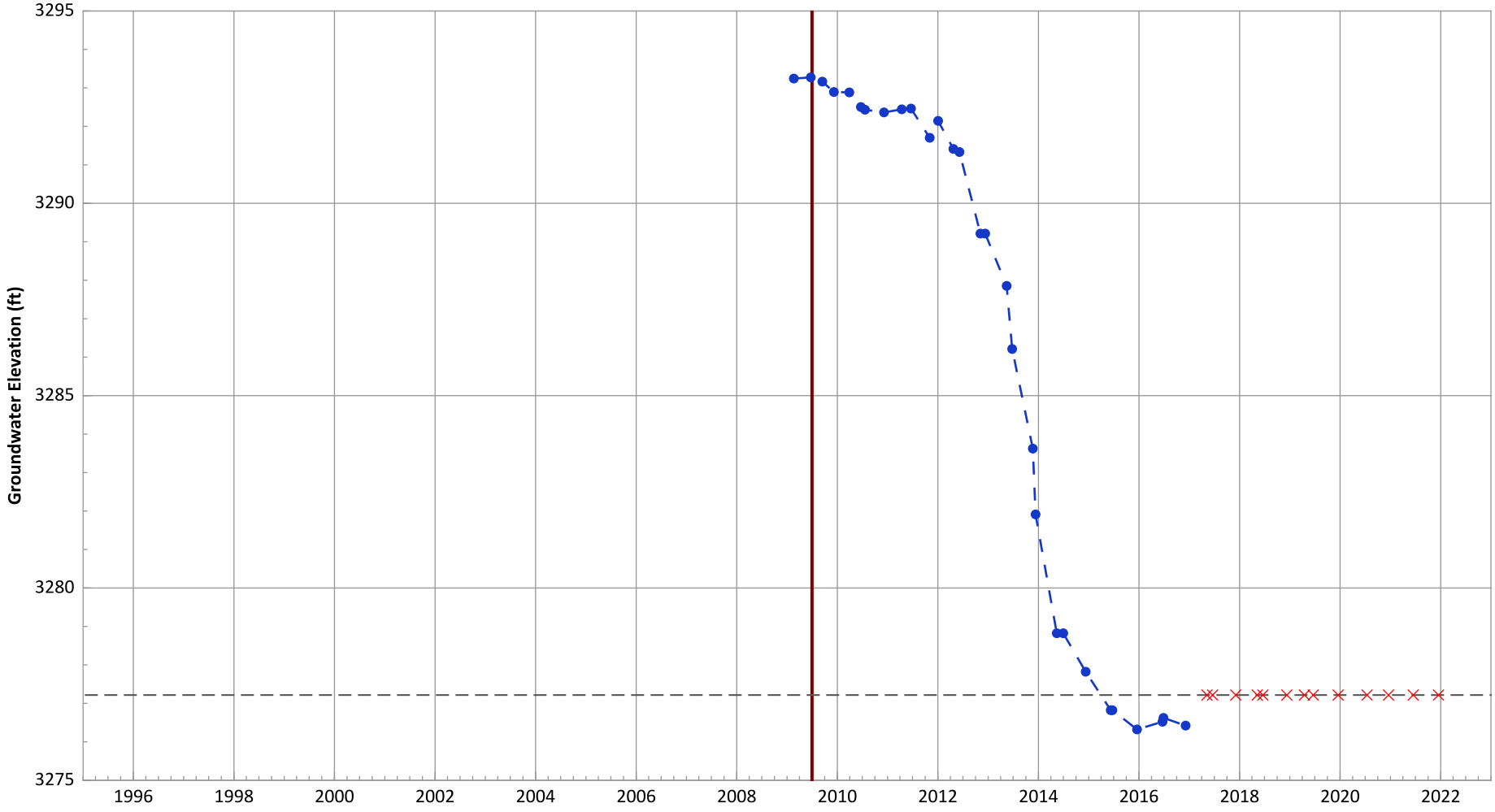
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.1 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.2 ft/yr

PTX06-1136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

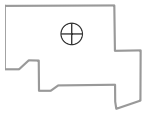


Notes:
1. Top of screen elevation is 3297.22 ft msl.
2. The bottom of screen elevation is 3277.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

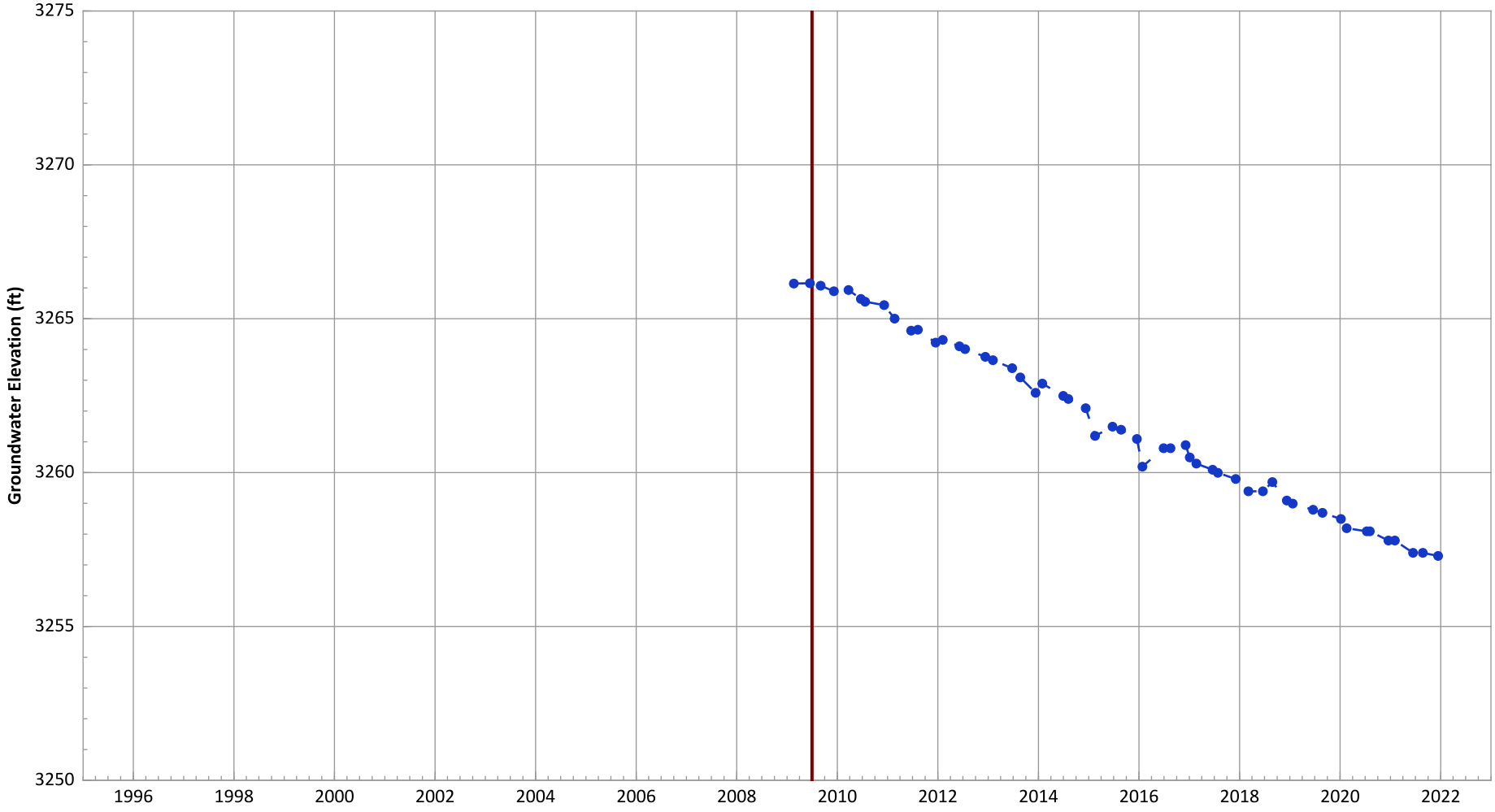
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 2.99 ft/yr

PTX06-1146 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

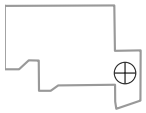


Notes:
1. Top of screen elevation is 3263.96 ft msl.
2. The bottom of screen elevation is 3243.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

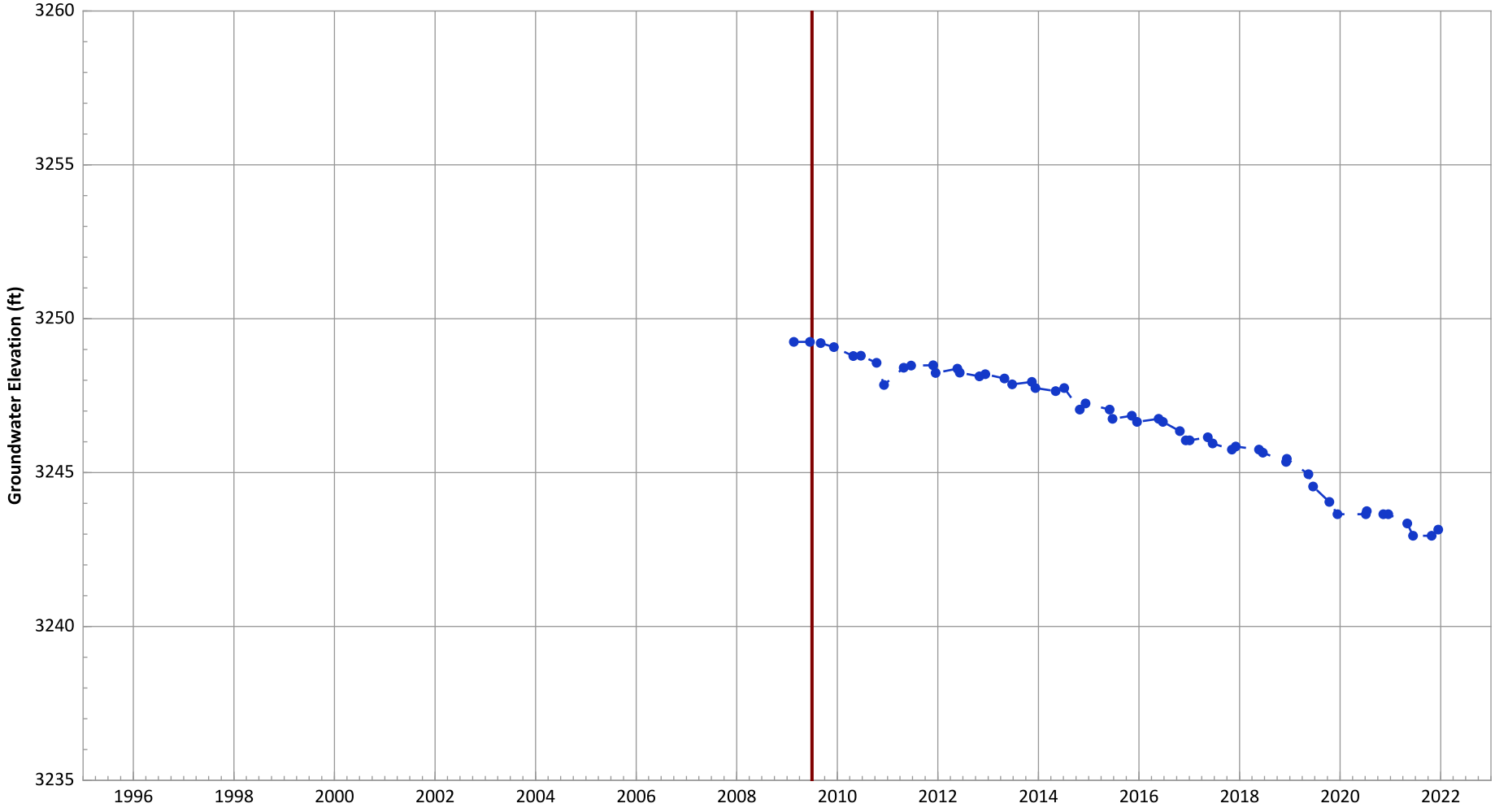
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.57 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.74 ft/yr

PTX06-1147 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

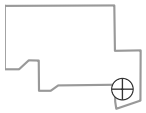


Notes:
1. Top of screen elevation is 3251.62 ft msl.
2. The bottom of screen elevation is 3231.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

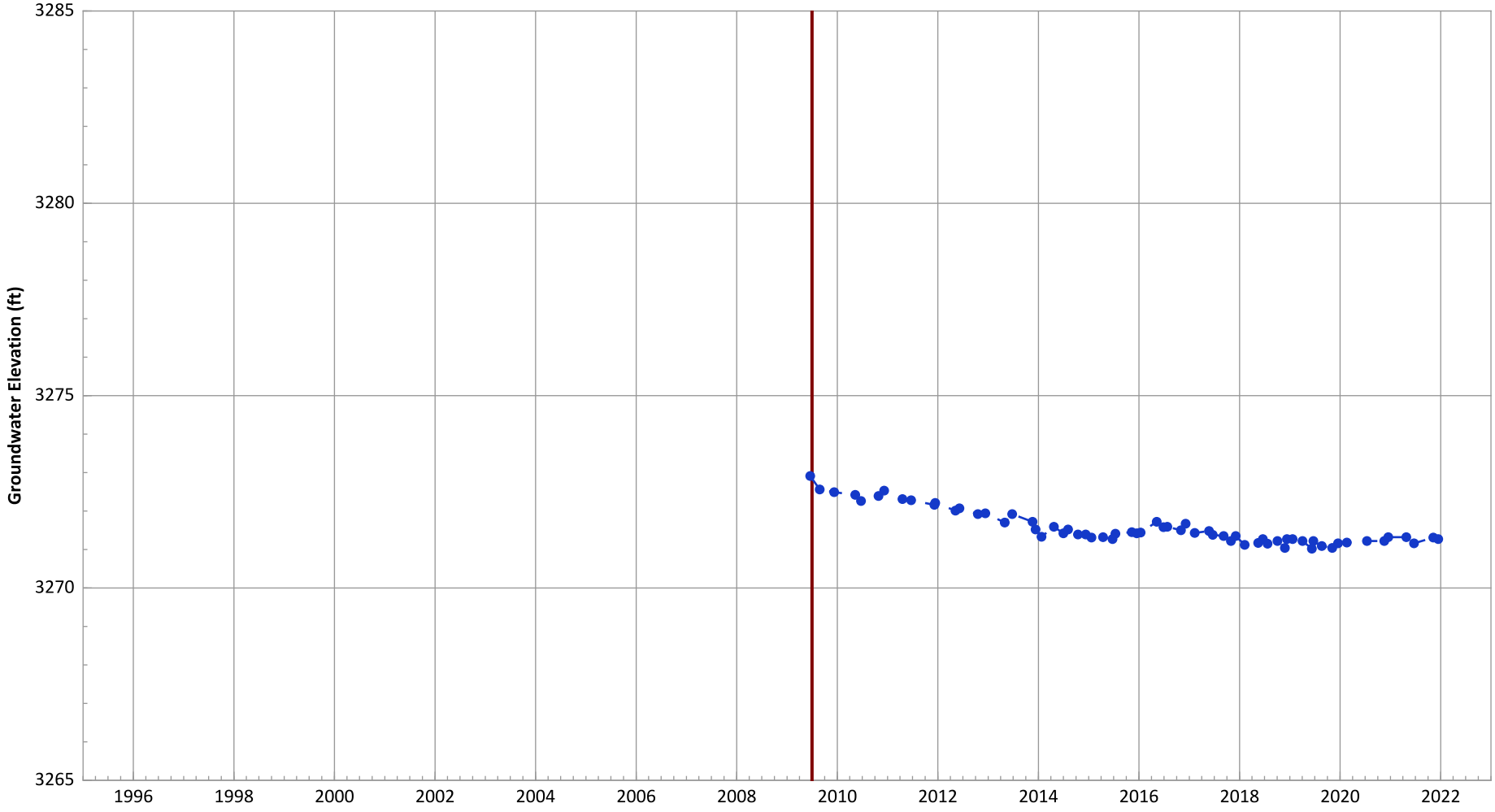
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.54 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.5 ft/yr

PTX06-1148 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

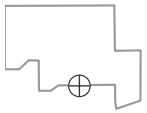


Notes:
1. Top of screen elevation is 3276.06 ft msl.
2. The bottom of screen elevation is 3256.06 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

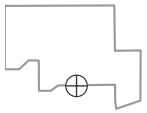
PTX06-1149 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3279.28 ft msl.
2. The bottom of screen elevation is 3259.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

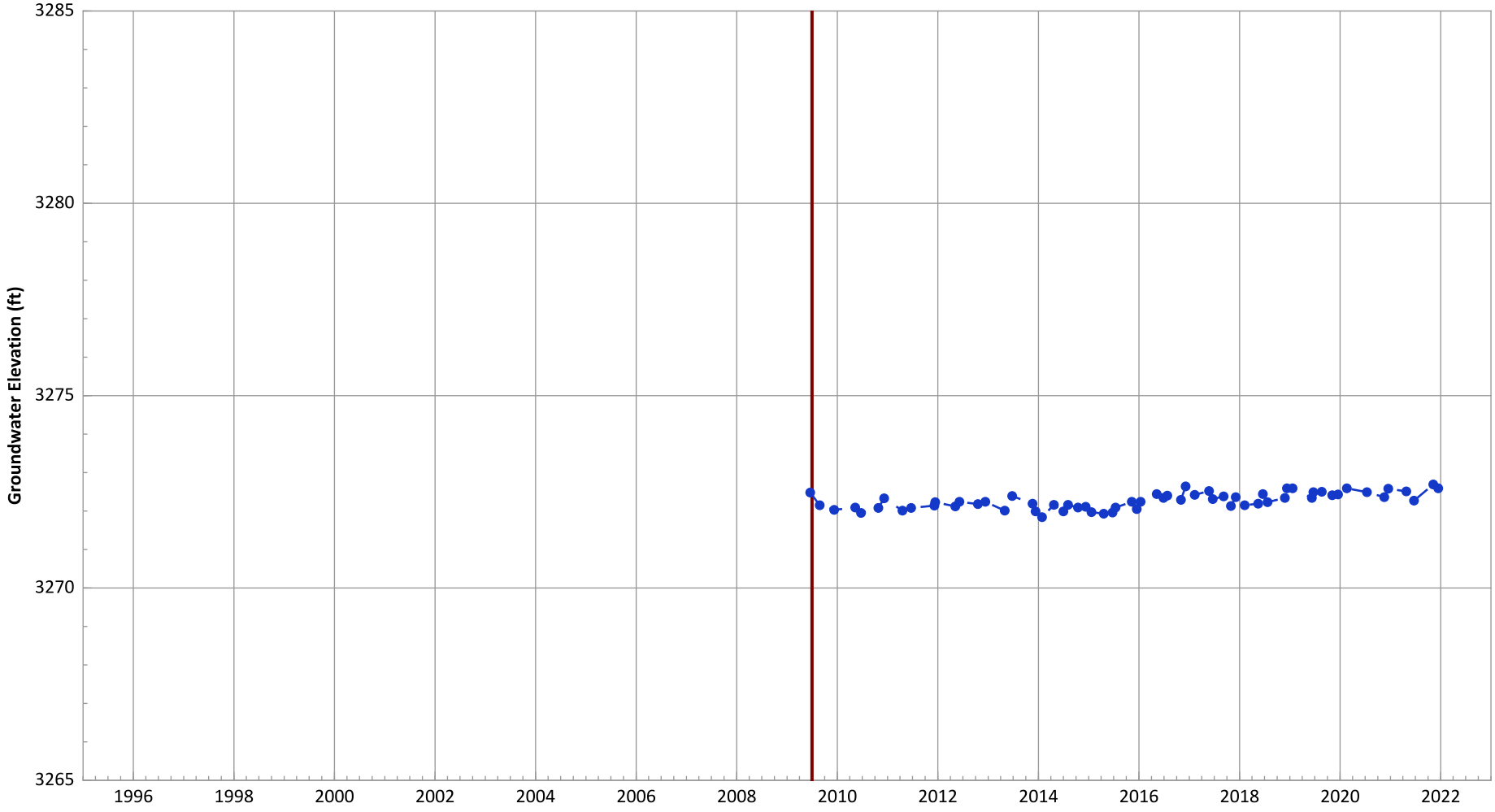
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1150 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

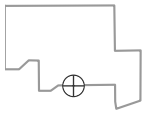


Notes:
1. Top of screen elevation is 3280.9 ft msl.
2. The bottom of screen elevation is 3260.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

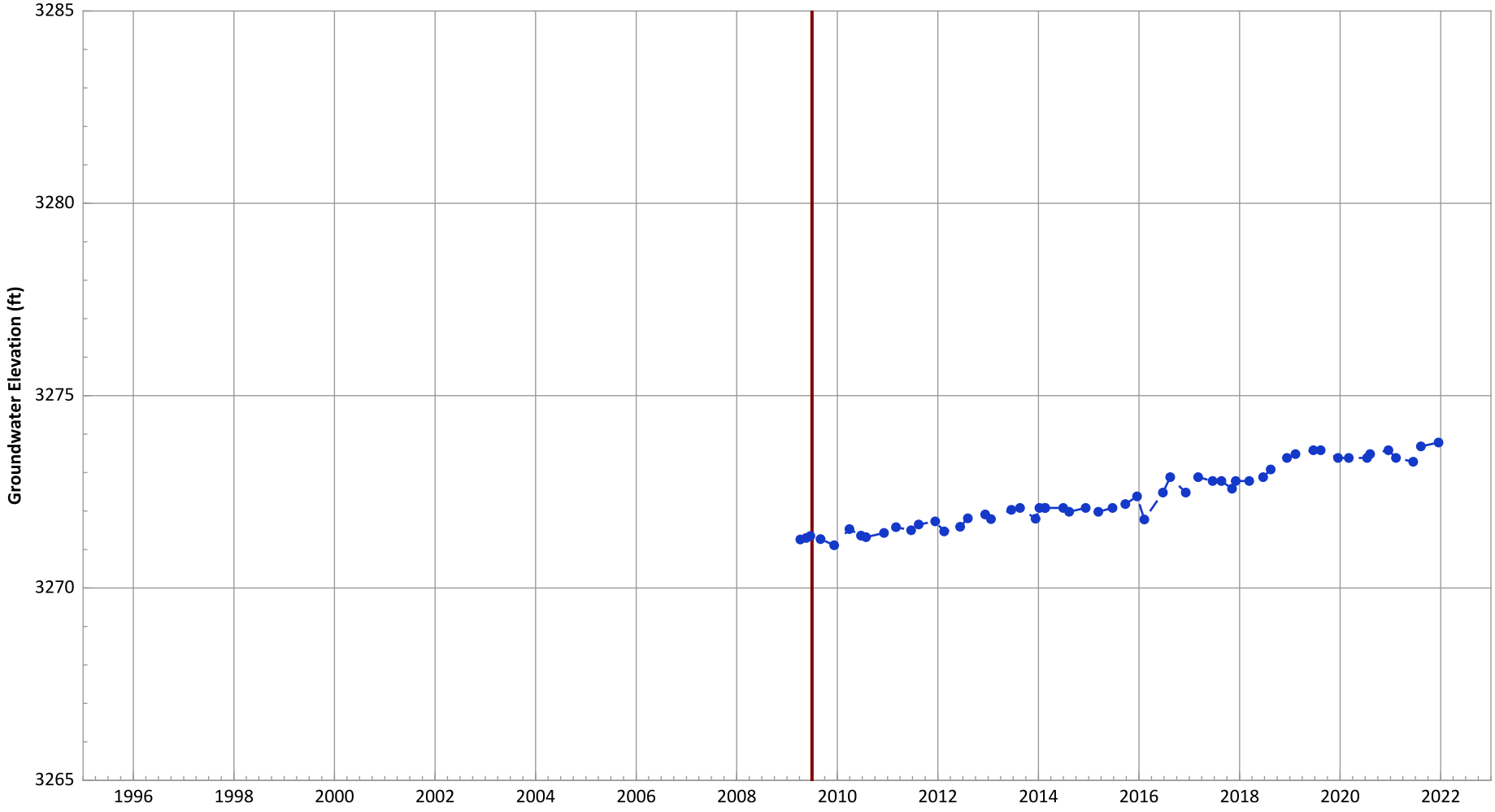
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1151 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

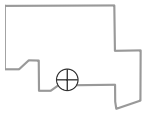


Notes:
1. Top of screen elevation is 3269.55 ft msl.
2. The bottom of screen elevation is 3254.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.21 ft/yr

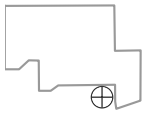
PTX06-1153 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3254.38 ft msl.
2. The bottom of screen elevation is 3244.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

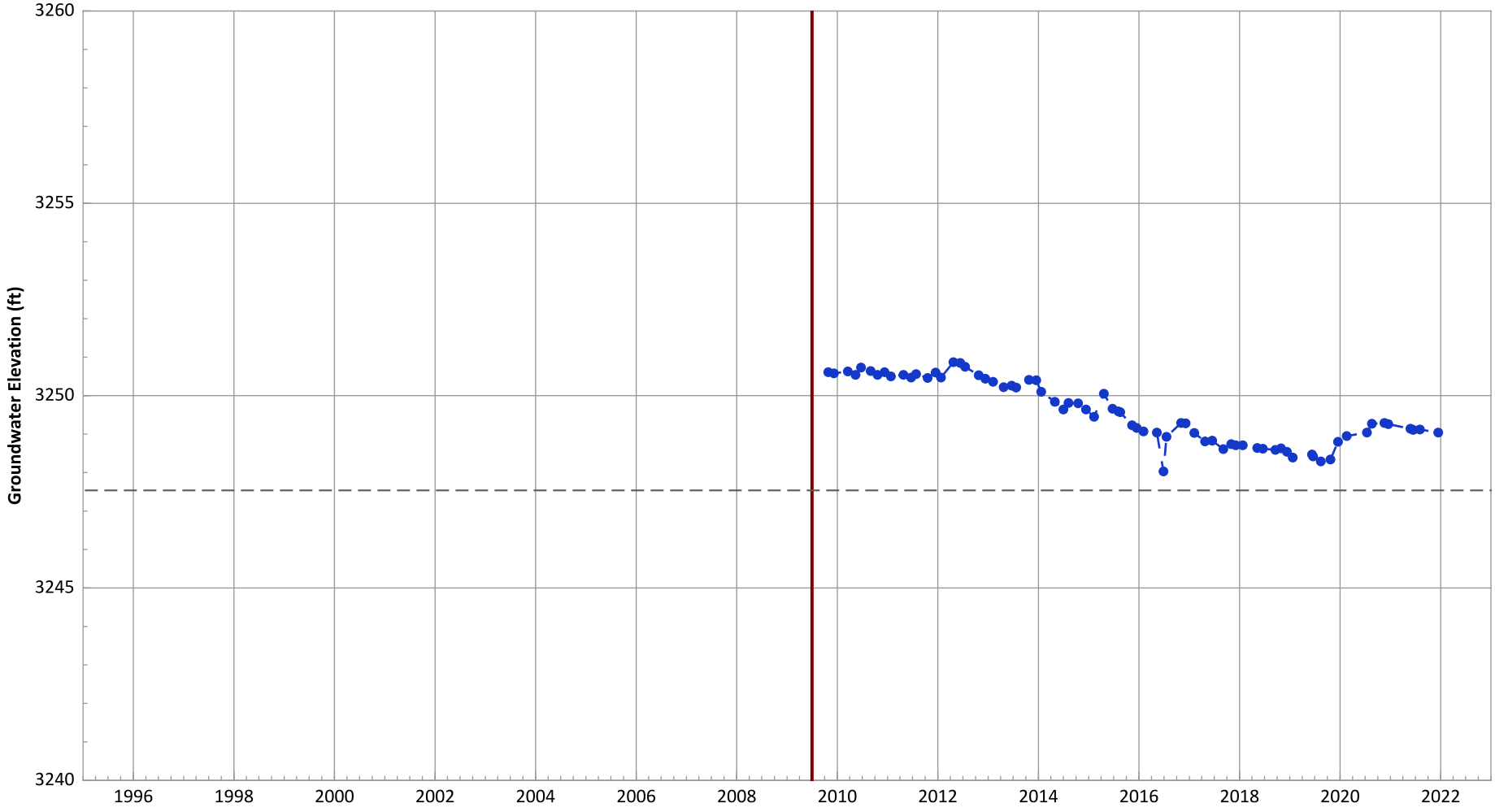
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.22 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.22 ft/yr

PTX06-1154 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

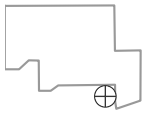


Notes:
1. Top of screen elevation is 3257.54 ft msl.
2. The bottom of screen elevation is 3247.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.2 ft/yr

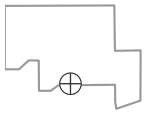
PTX06-1155 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3271.89 ft msl.
2. The bottom of screen elevation is 3256.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

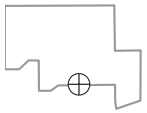
PTX06-1156 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3275.27 ft msl.
2. The bottom of screen elevation is 3250.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

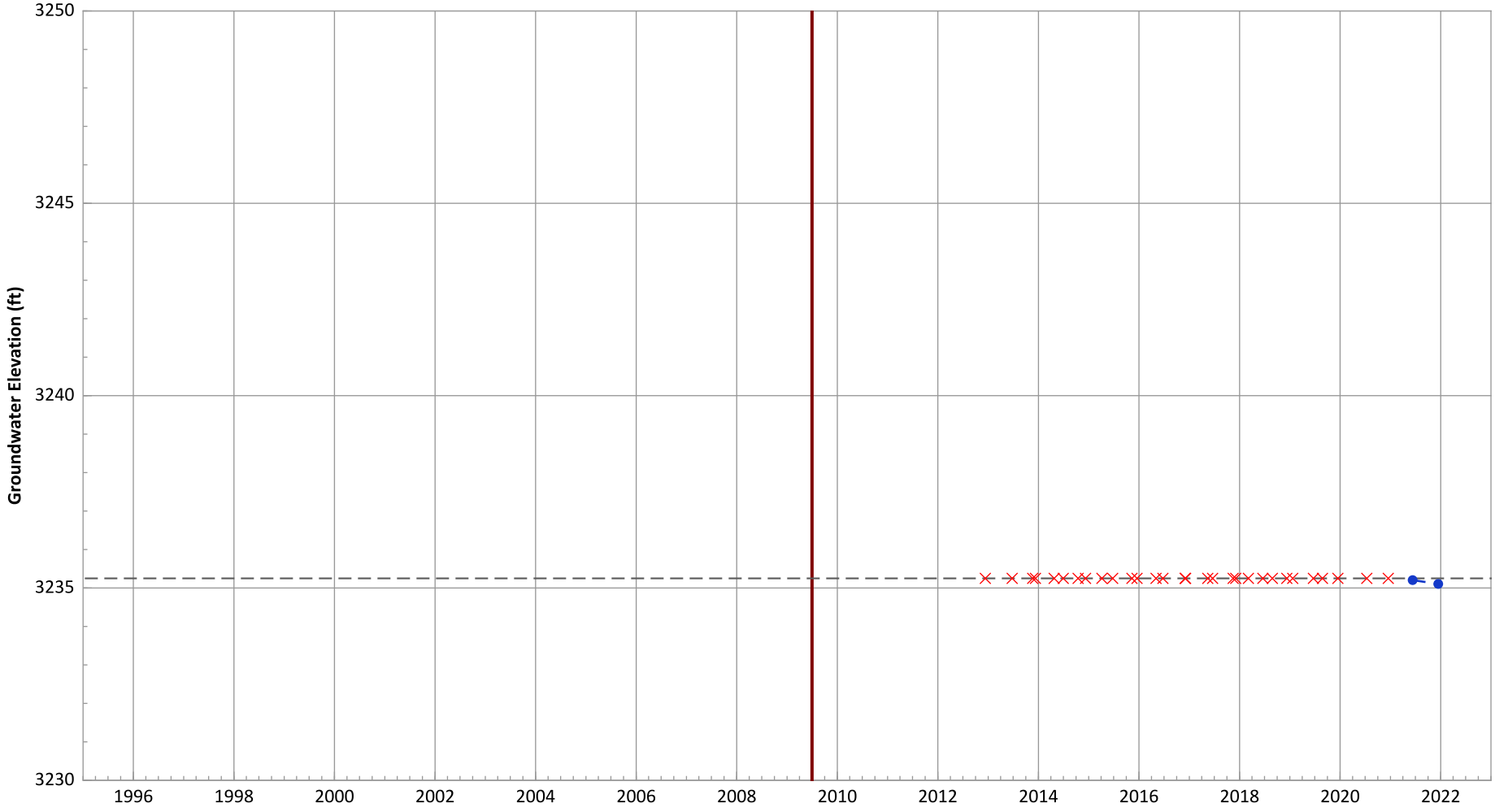
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.11 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.12 ft/yr

PTX06-1158 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3245.25 ft msl.
2. The bottom of screen elevation is 3235.25 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

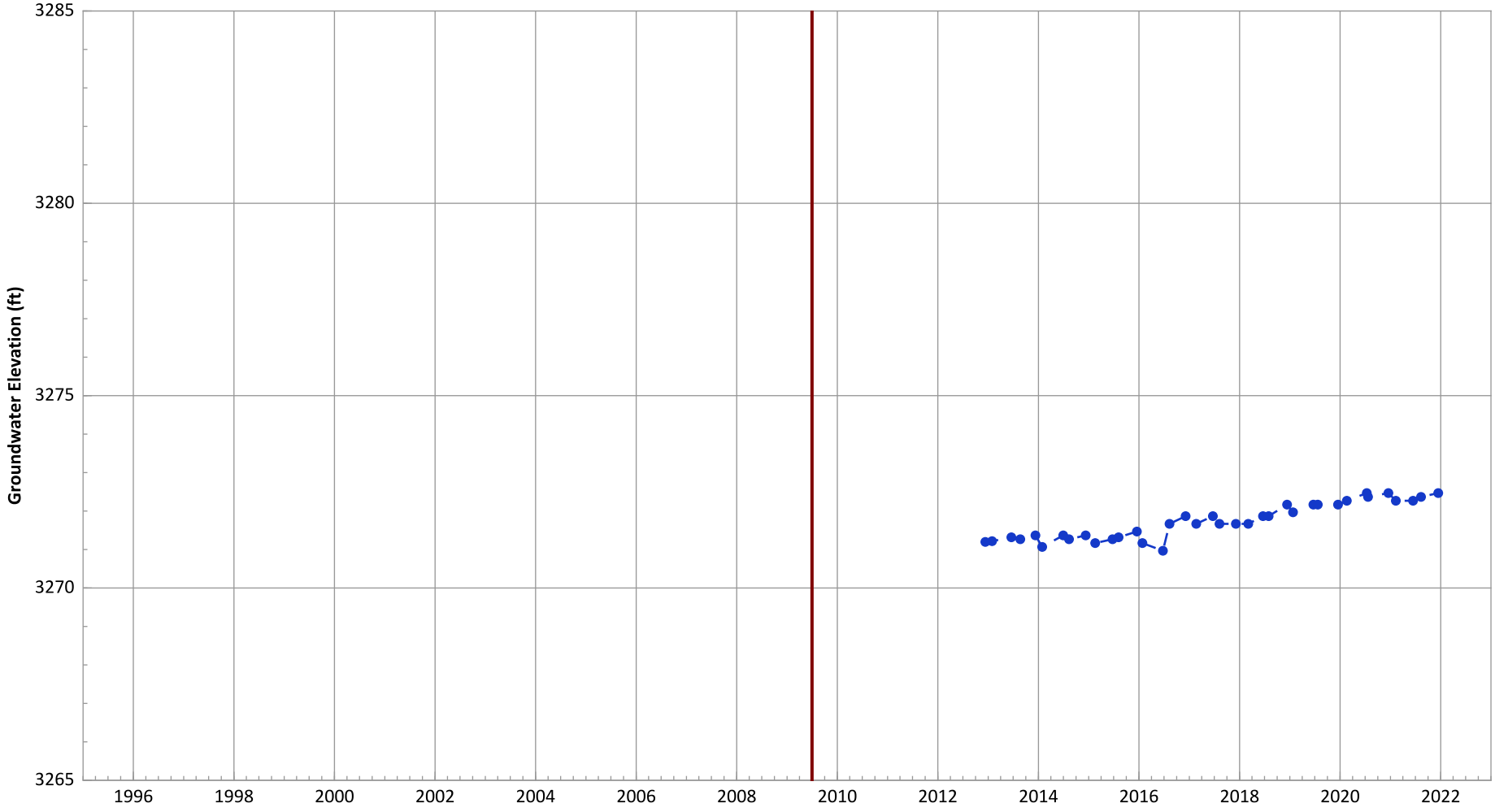
Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-1159 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

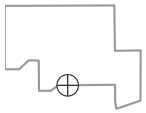


Notes:
1. Top of screen elevation is 3273.93 ft msl.
2. The bottom of screen elevation is 3253.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

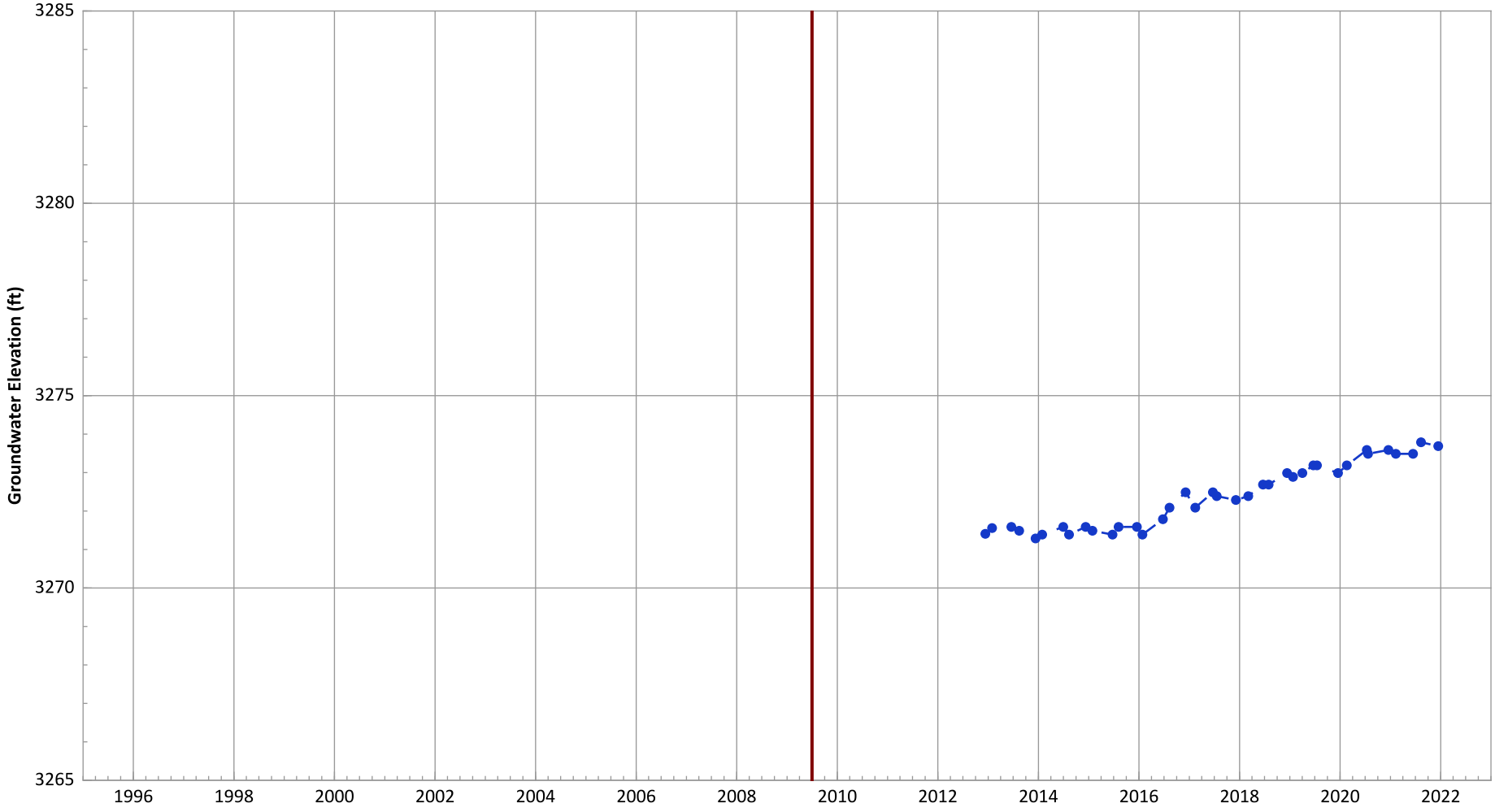
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.16 ft/yr

PTX06-1160 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

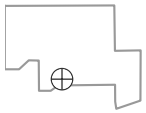


Notes:
1. Top of screen elevation is 3271.51 ft msl.
2. The bottom of screen elevation is 3246.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

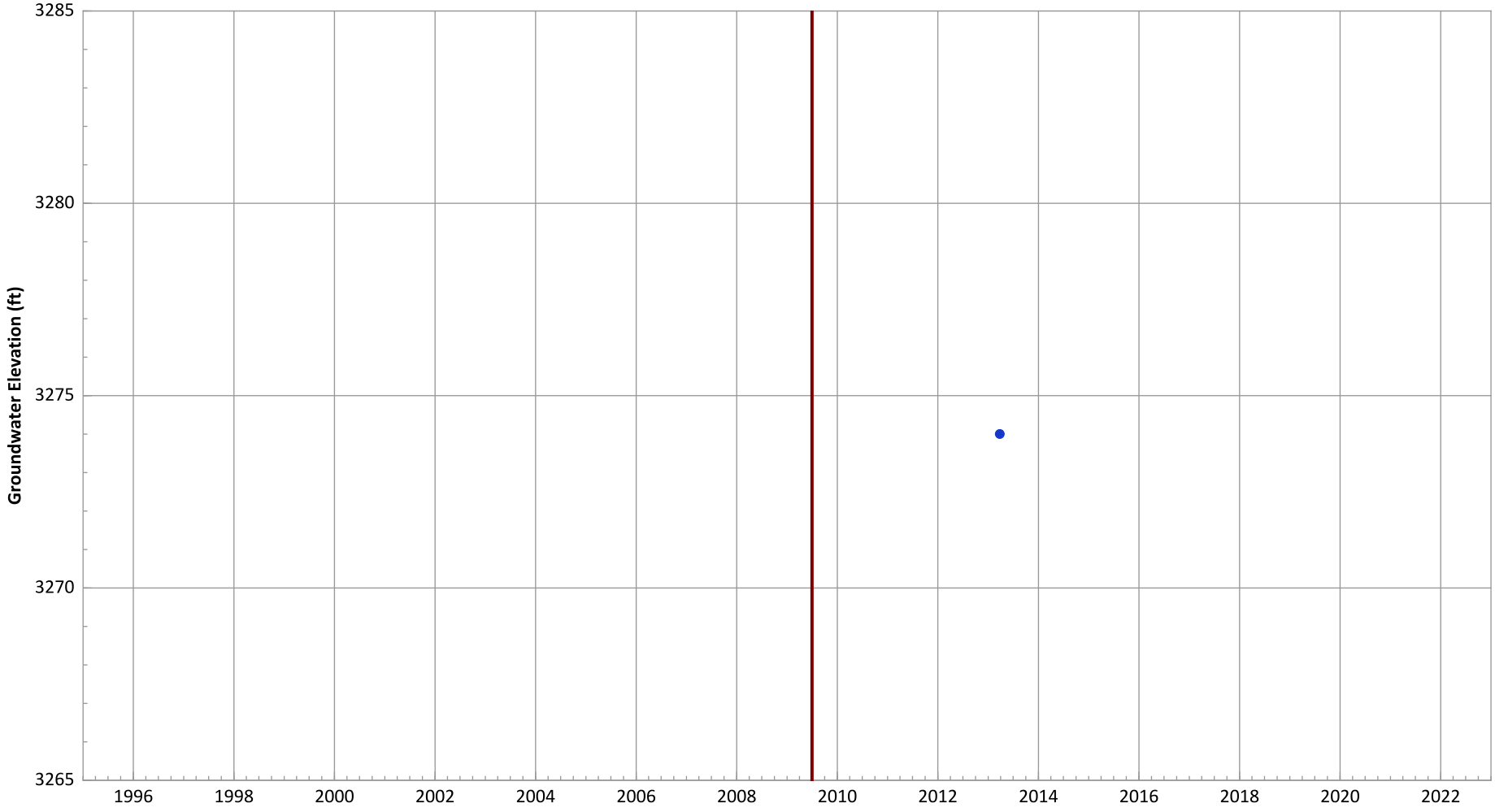
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.21 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.3 ft/yr

PTX06-1162 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

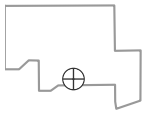


Notes:
1. Top of screen elevation is 3276.3 ft msl.
2. The bottom of screen elevation is 3256.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

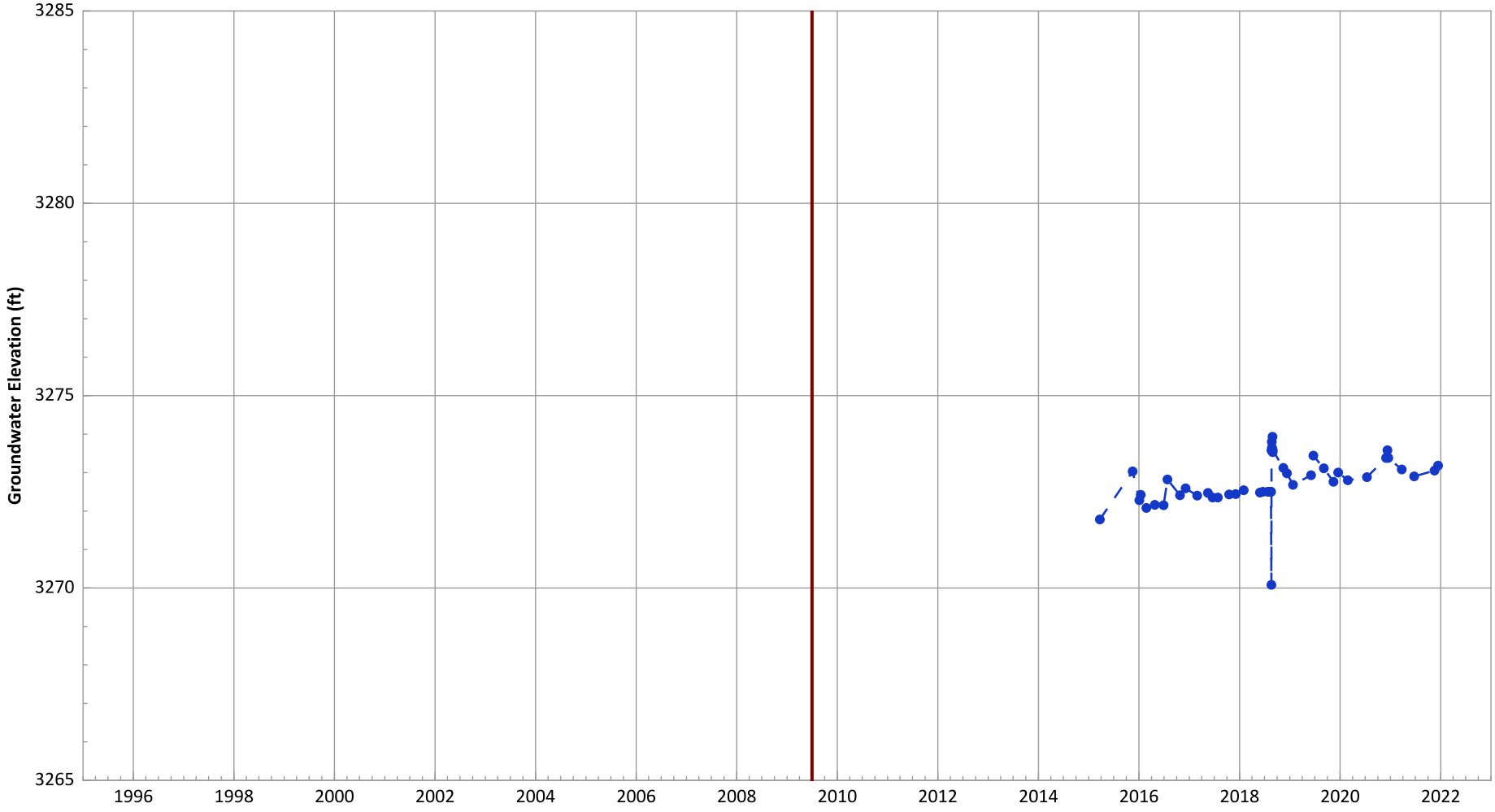
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1164 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

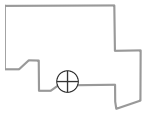


Notes:
1. Top of screen elevation is 3271.78 ft msl.
2. The bottom of screen elevation is 3251.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

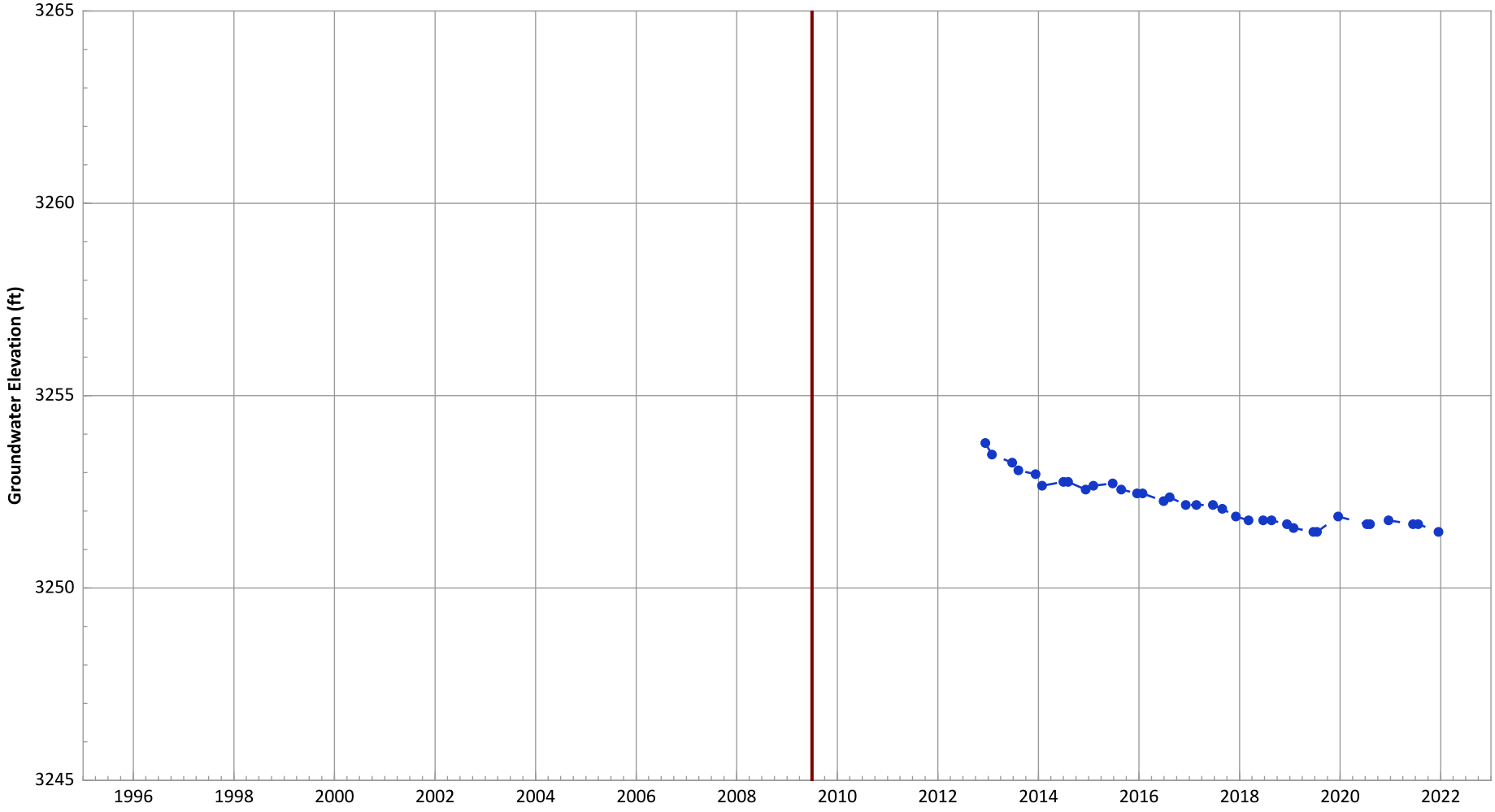
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-1166 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

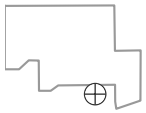


Notes:
1. Top of screen elevation is 3254.36 ft msl.
2. The bottom of screen elevation is 3244.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

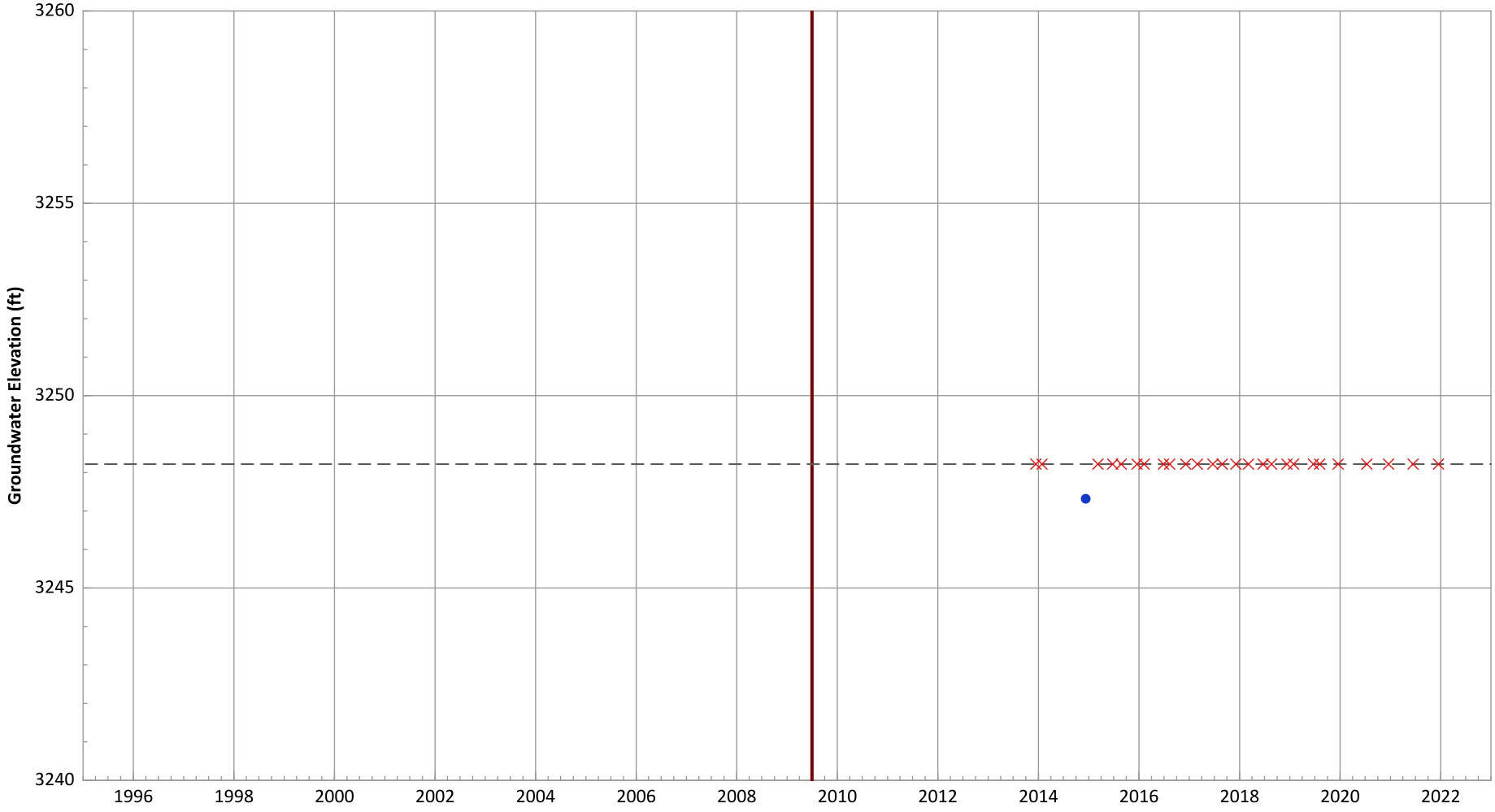
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.11 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.21 ft/yr

PTX06-1167 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

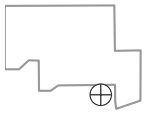


Notes:
1. Top of screen elevation is 3258.22 ft msl.
2. The bottom of screen elevation is 3248.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

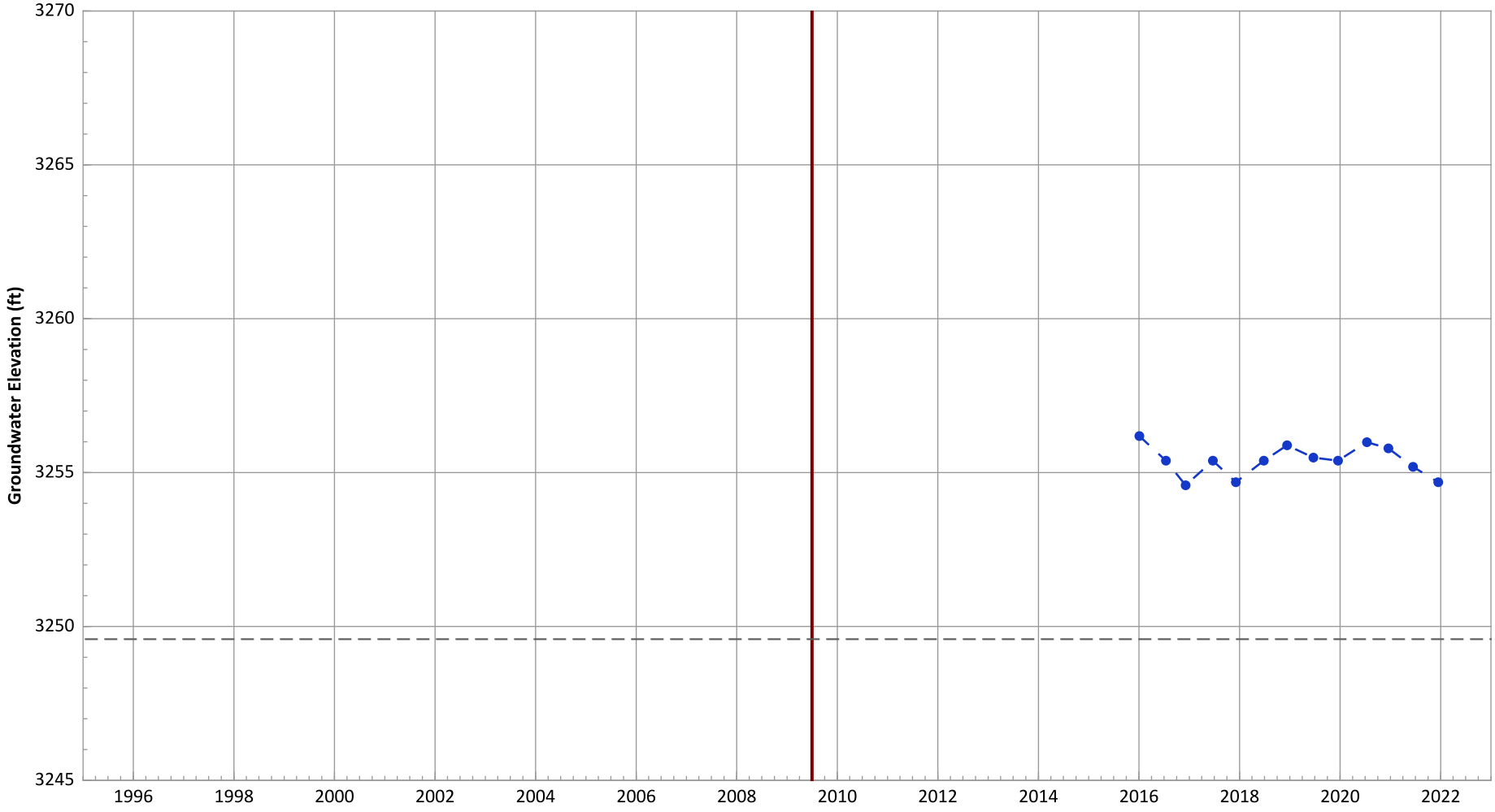
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-1168 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

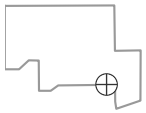


Notes:
1. Top of screen elevation is 3269.59 ft msl.
2. The bottom of screen elevation is 3249.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

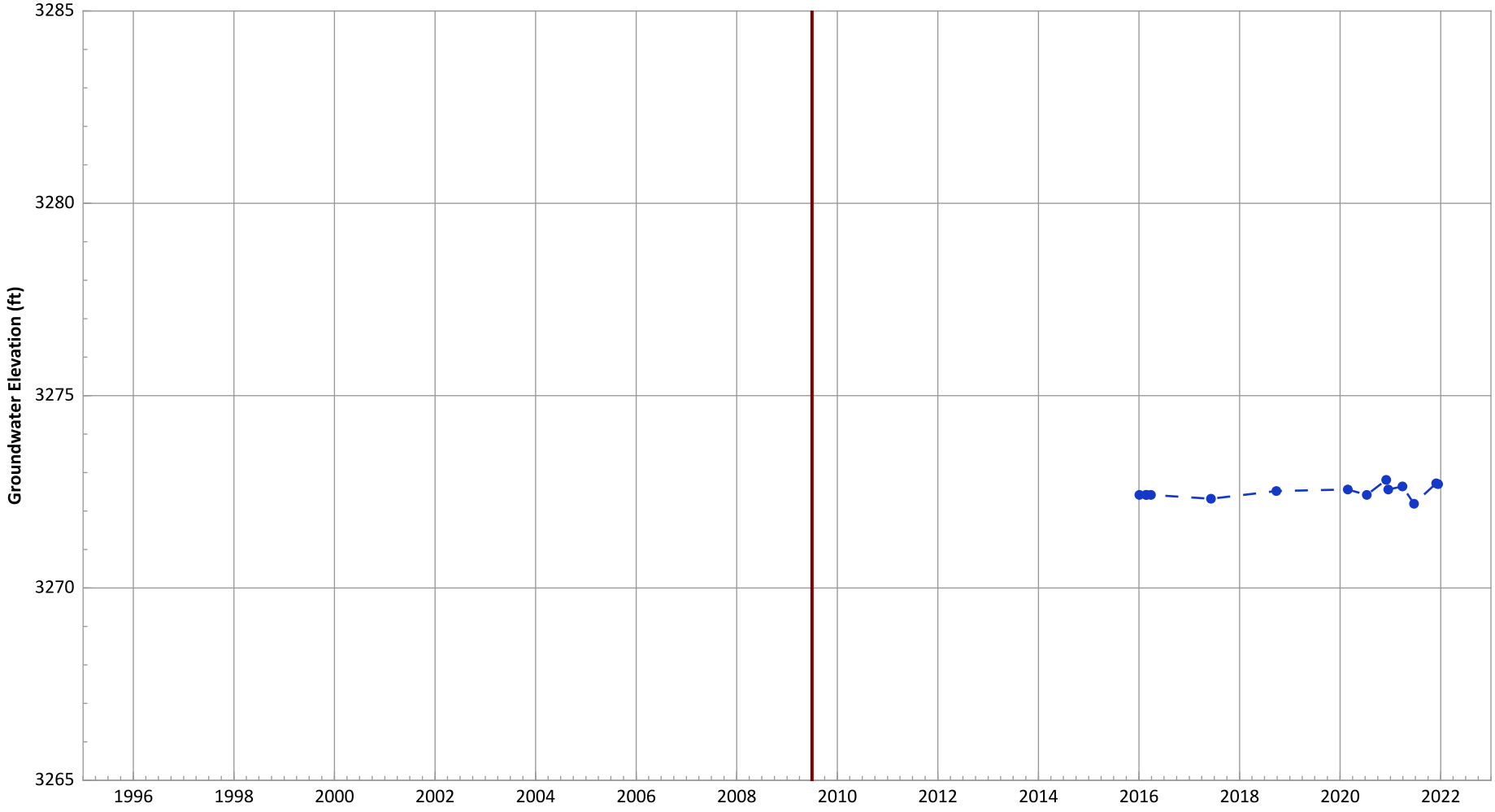
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.95 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1169 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

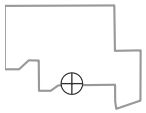


Notes:
1. Top of screen elevation is 3265.57 ft msl.
2. The bottom of screen elevation is 3255.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

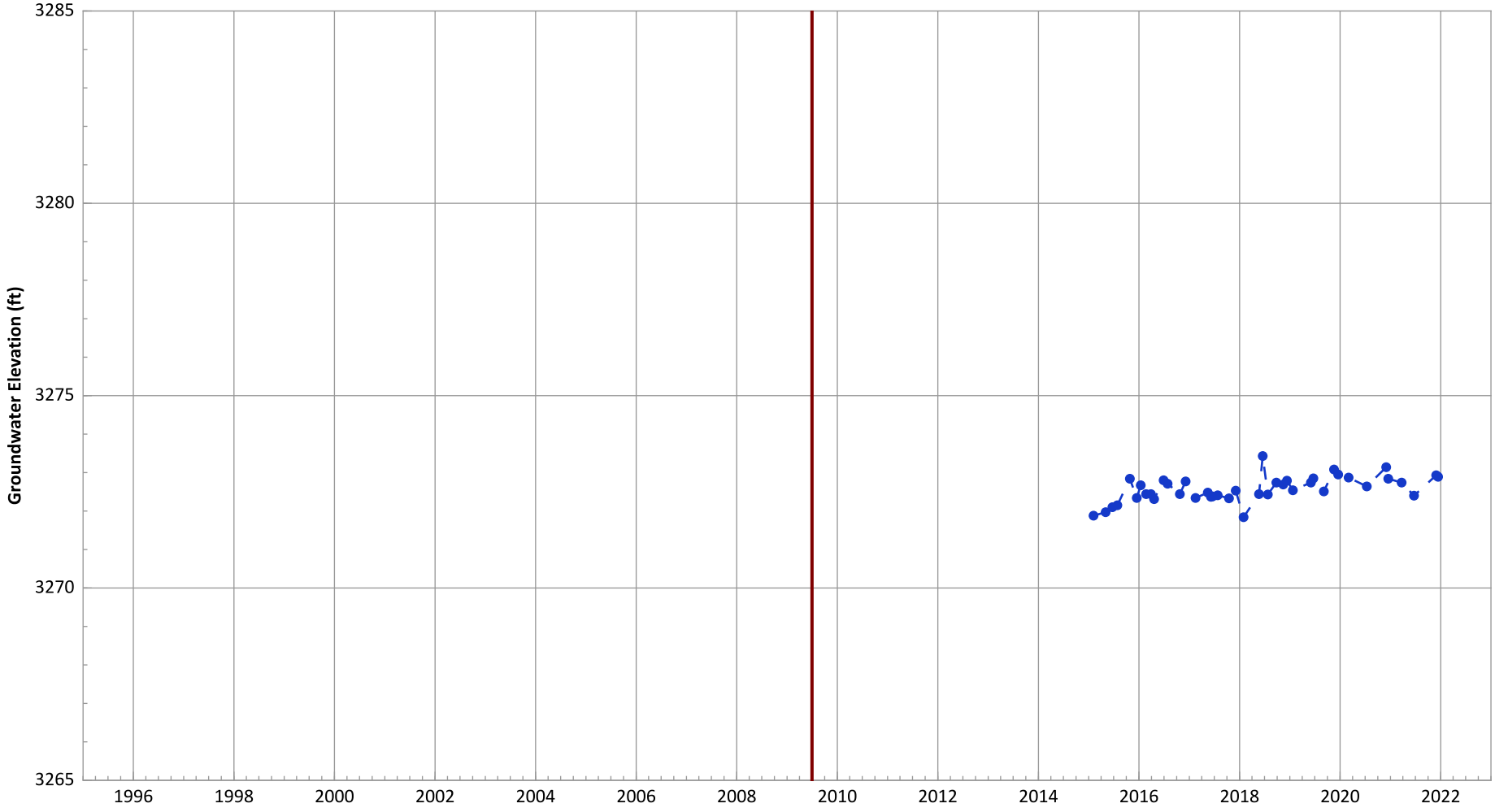
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1170 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

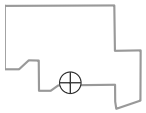


Notes:
1. Top of screen elevation is 3265.59 ft msl.
2. The bottom of screen elevation is 3255.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

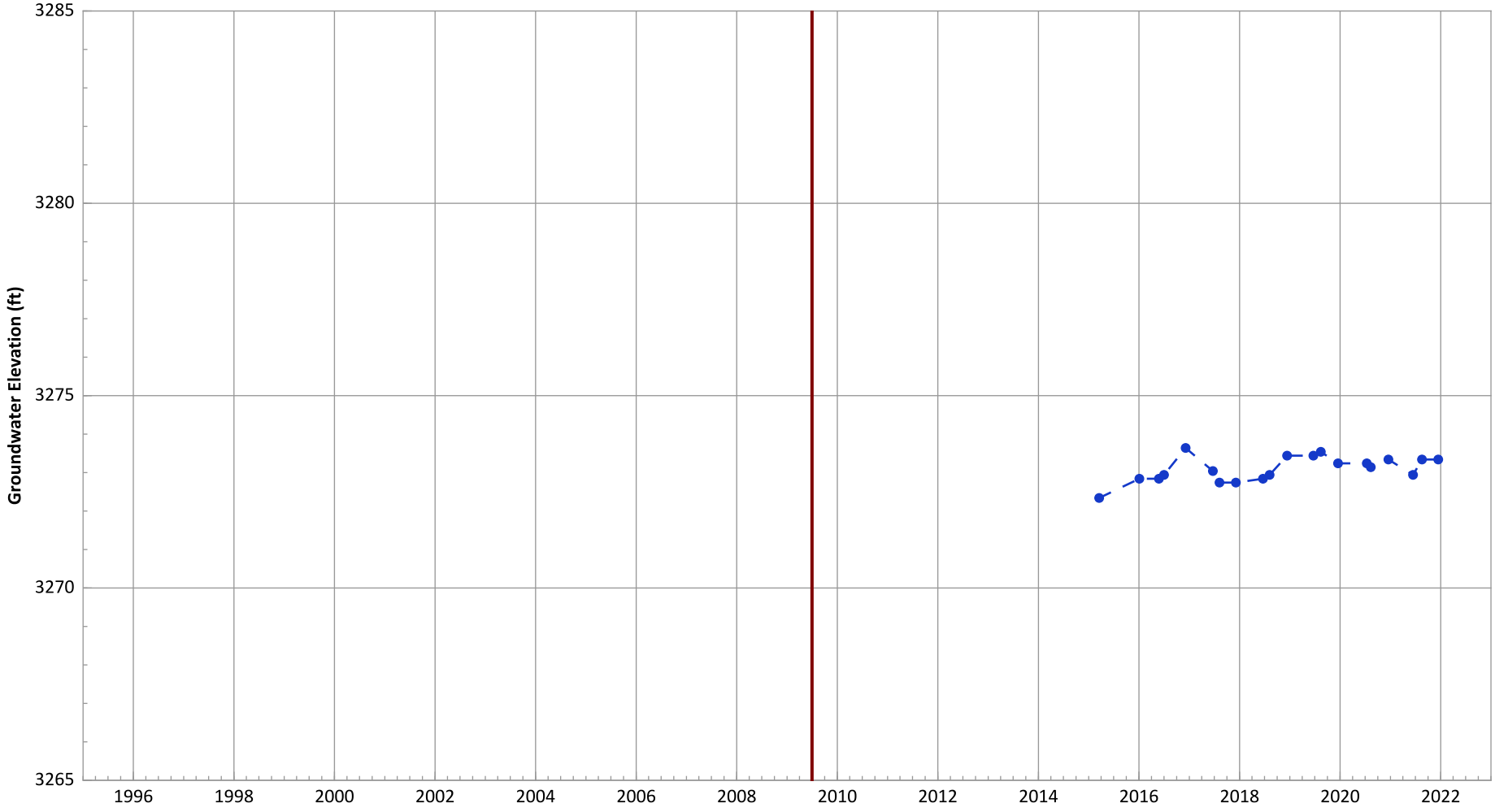
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1171 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

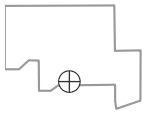


Notes:
1. Top of screen elevation is 3267.42 ft msl.
2. The bottom of screen elevation is 3257.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

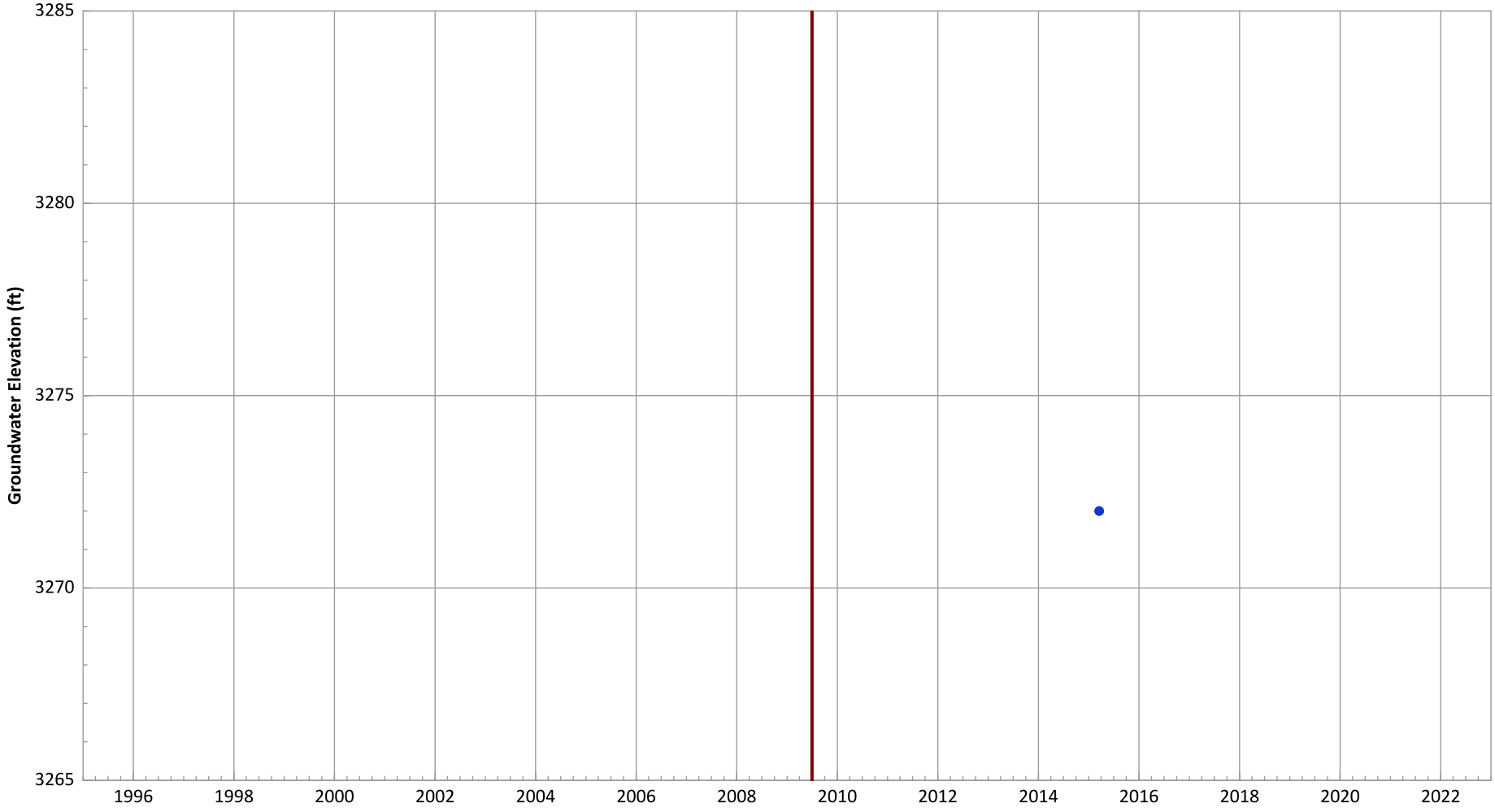
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1172 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

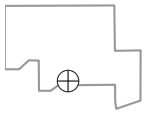


Notes:
1. Top of screen elevation is 3267.32 ft msl.
2. The bottom of screen elevation is 3257.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

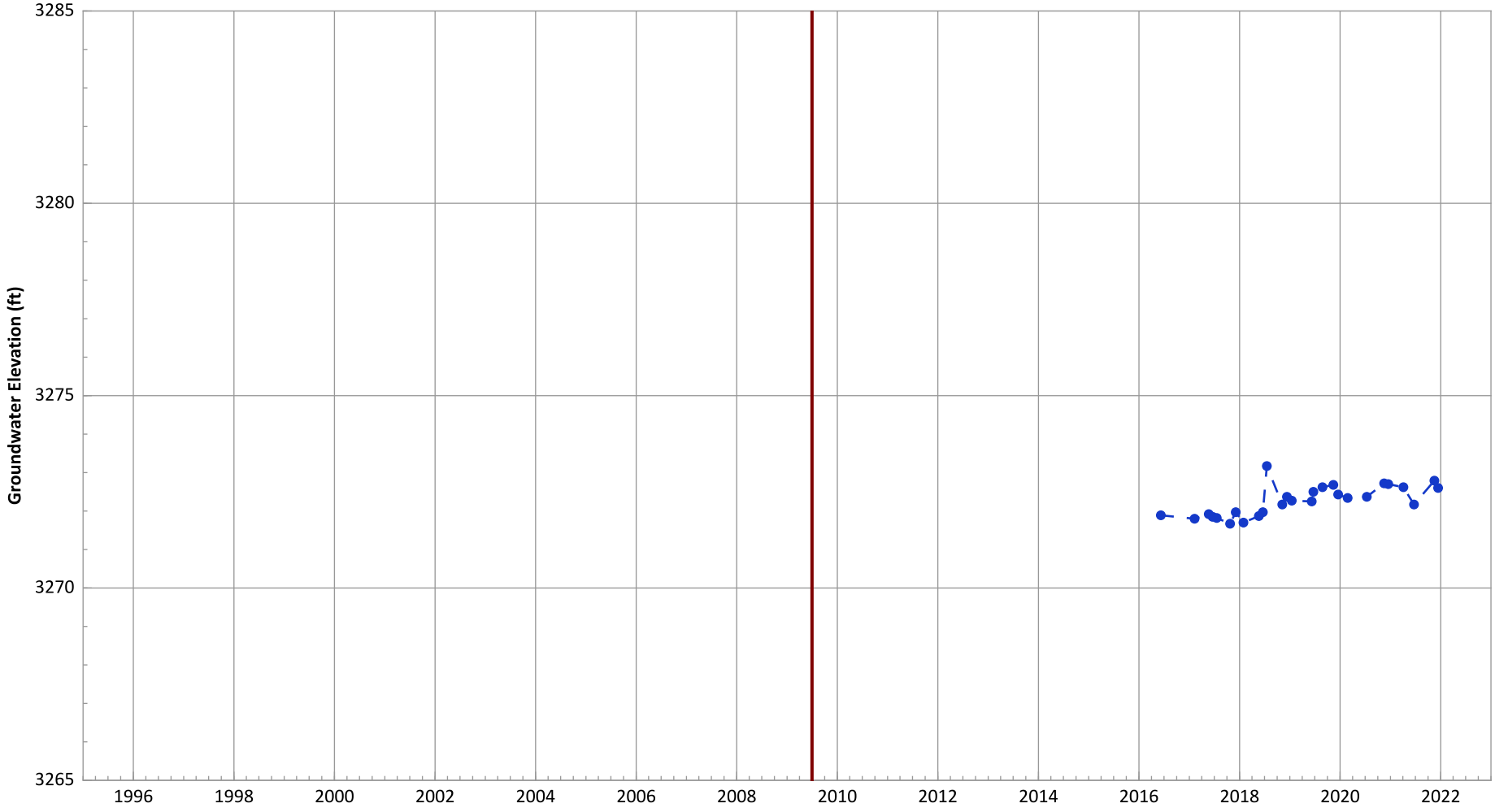
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1173 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

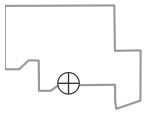


Notes:
1. Top of screen elevation is 3265.86 ft msl.
2. The bottom of screen elevation is 3255.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

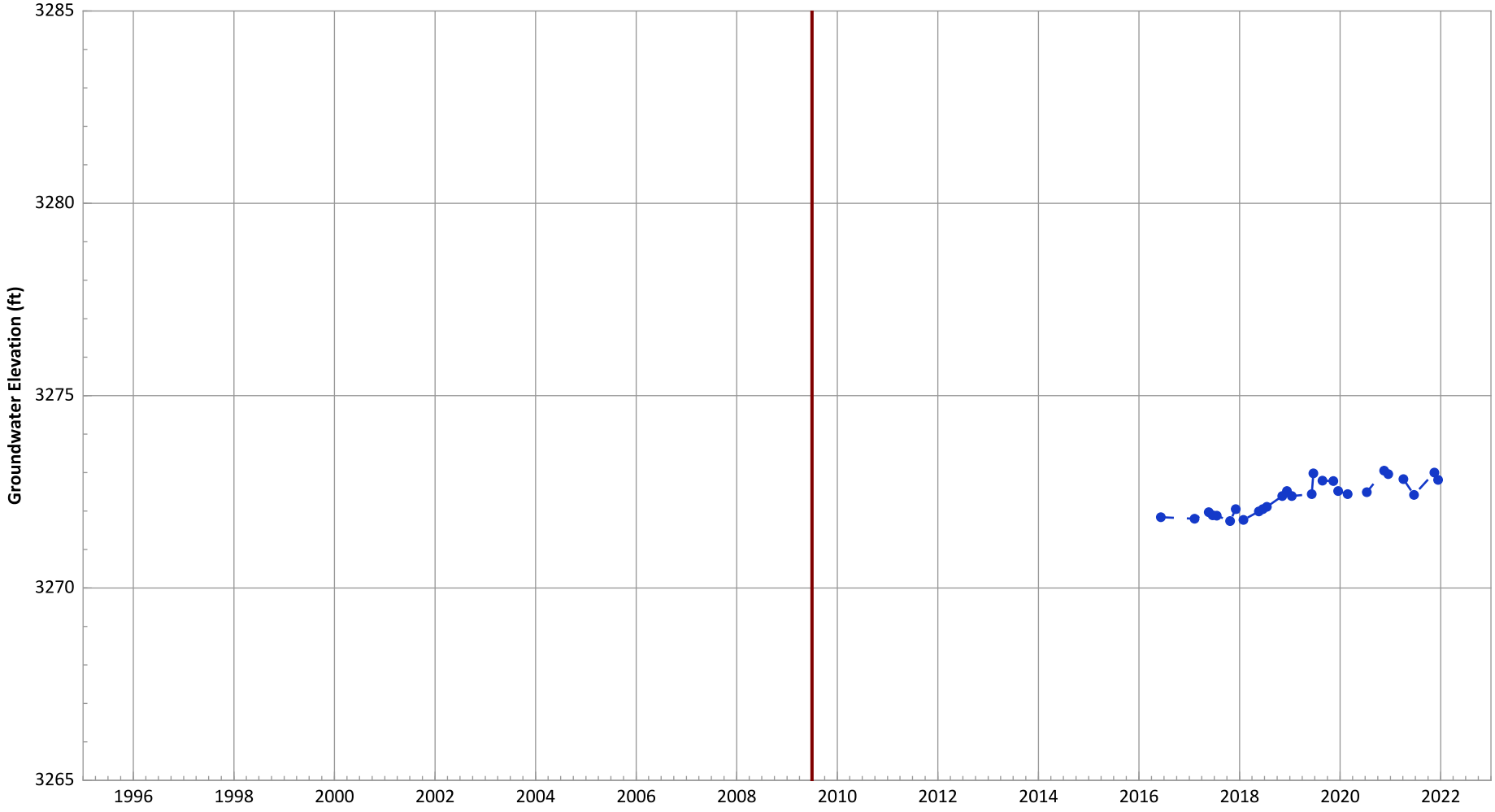
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.18 ft/yr

PTX06-1174 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

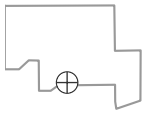


Notes:
1. Top of screen elevation is 3266.12 ft msl.
2. The bottom of screen elevation is 3256.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

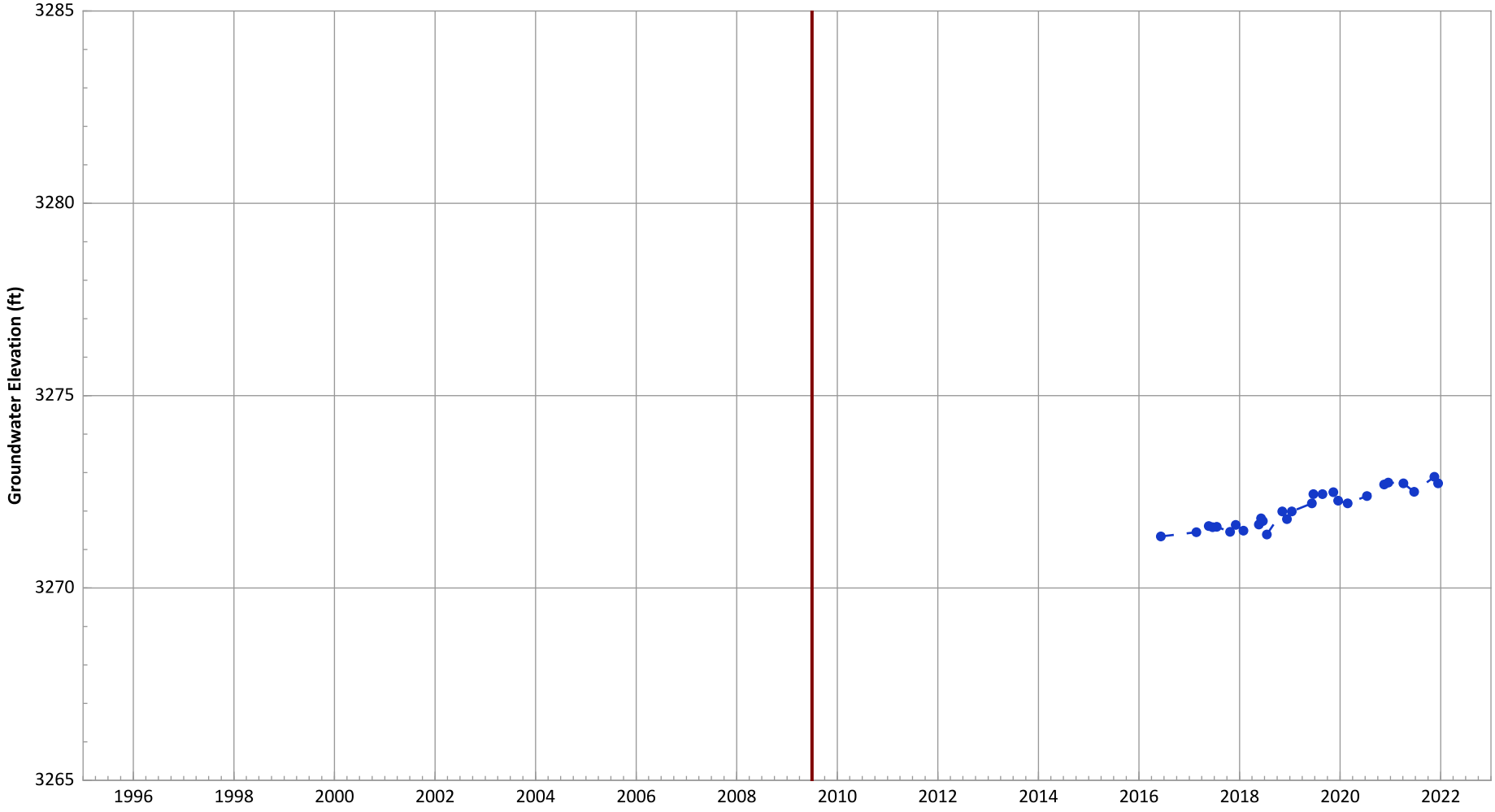
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.24 ft/yr

PTX06-1175 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

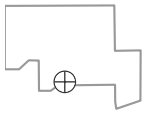


Notes:
1. Top of screen elevation is 3268.15 ft msl.
2. The bottom of screen elevation is 3258.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

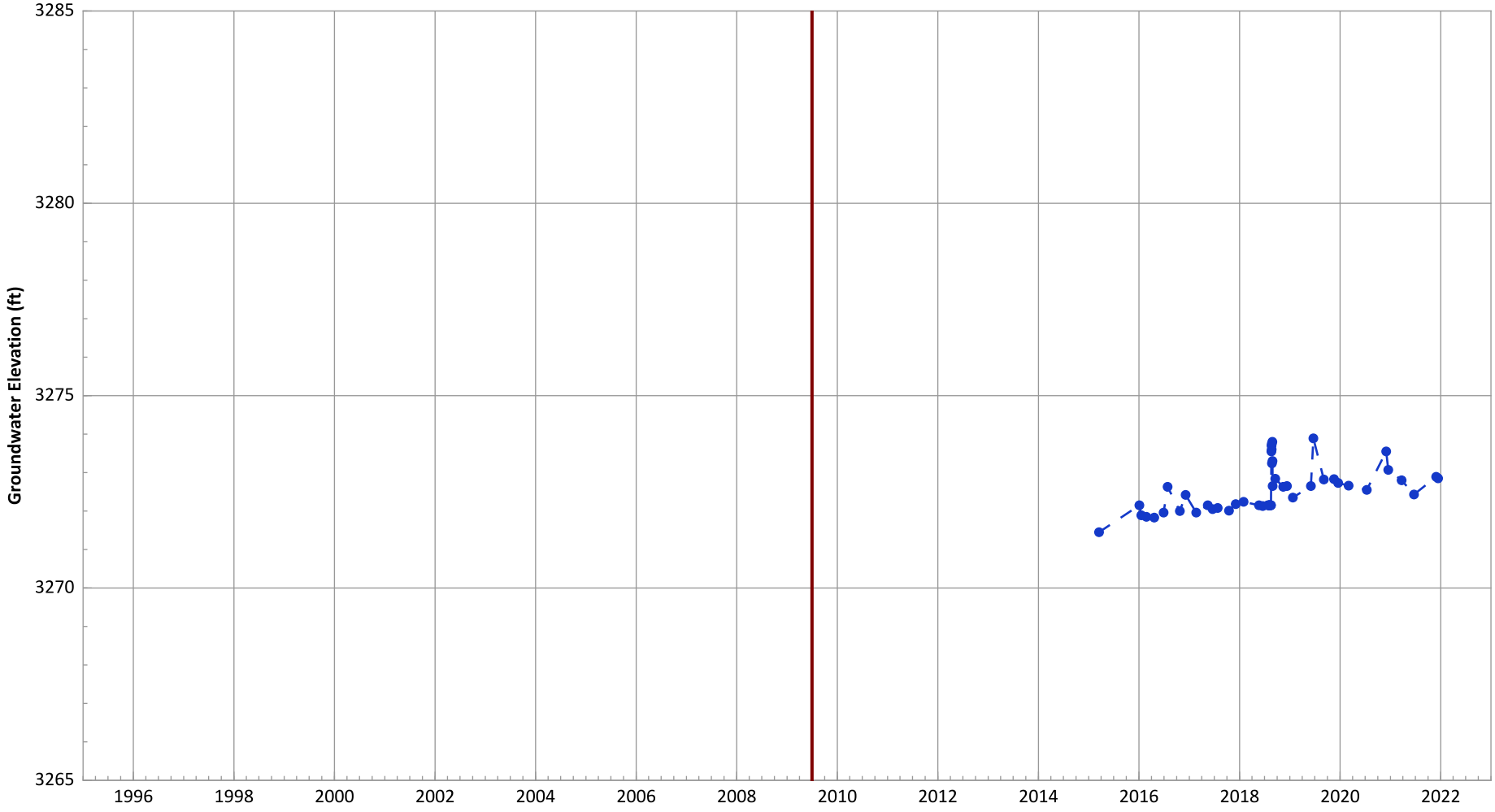
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.28 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.3 ft/yr

PTX06-1176 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

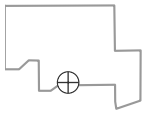


Notes:
1. Top of screen elevation is 3264.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

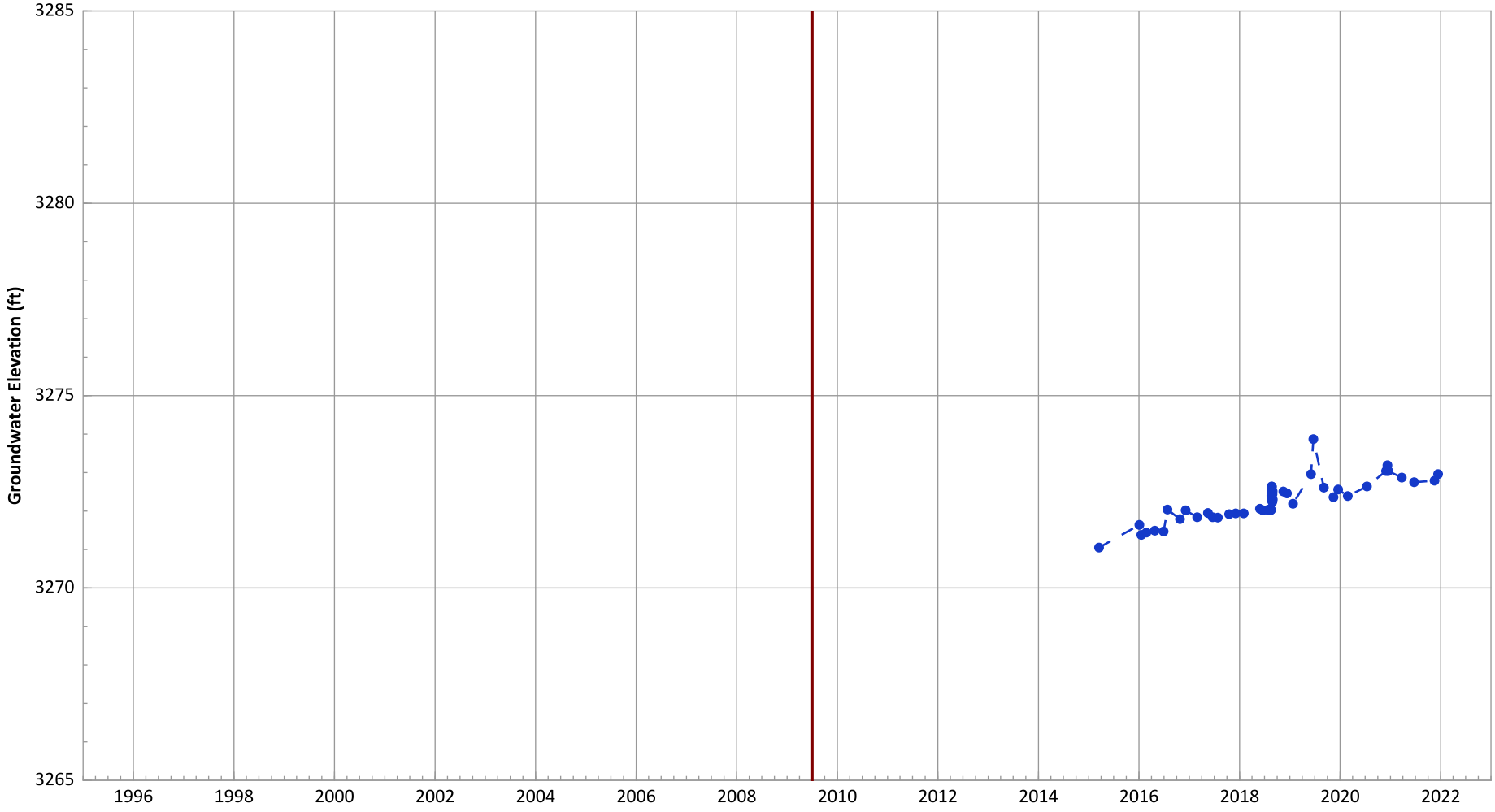
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.2 ft/yr

PTX06-1177 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

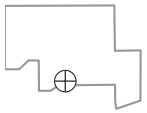


Notes:
1. Top of screen elevation is 3270.69 ft msl.
2. The bottom of screen elevation is 3260.69 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

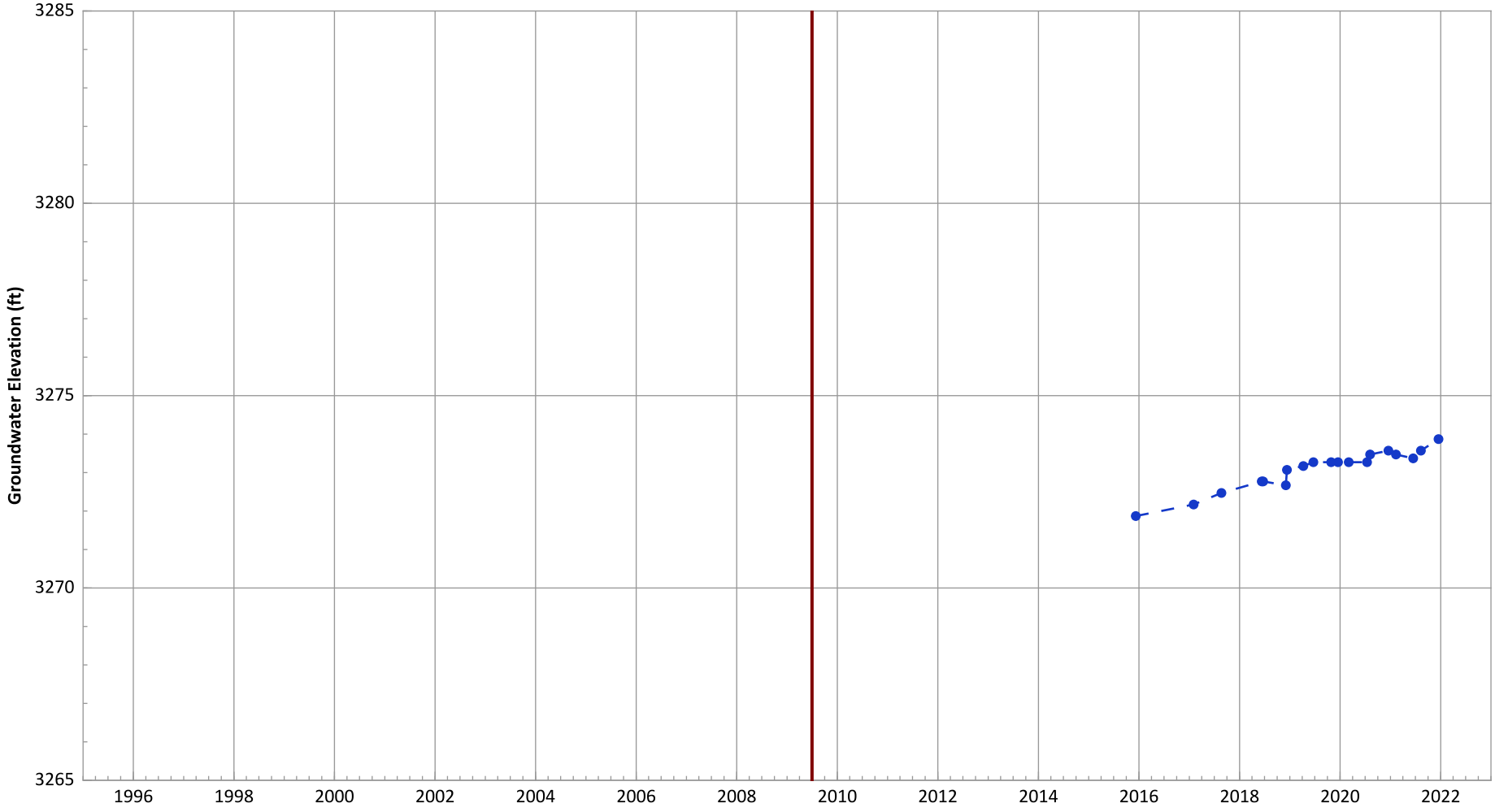
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.16 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.28 ft/yr

PTX06-1180 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

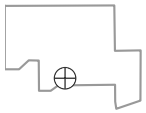


Notes:
1. Top of screen elevation is 3268.29 ft msl.
2. The bottom of screen elevation is 3258.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

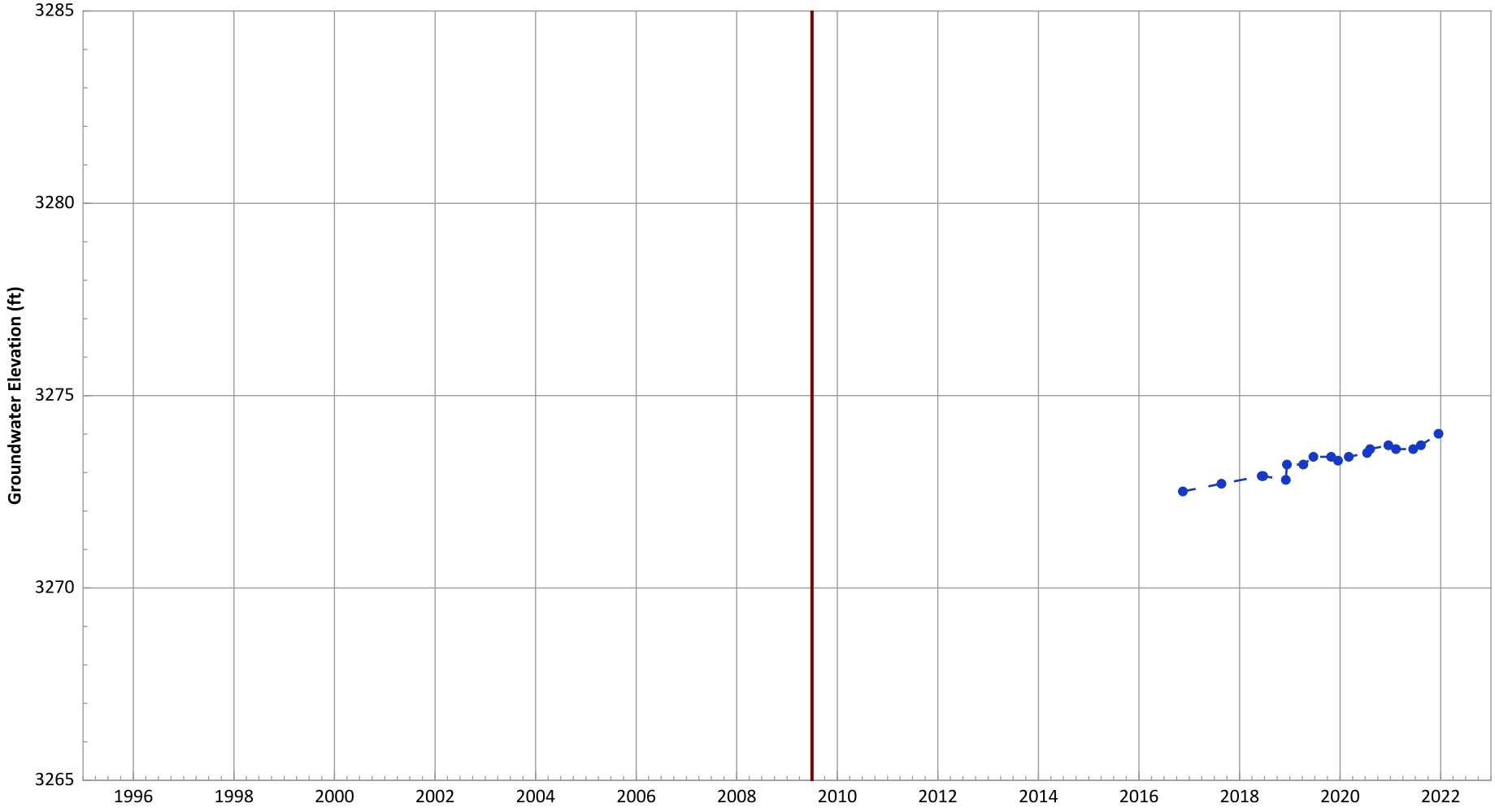
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.25 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.31 ft/yr

PTX06-1181 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

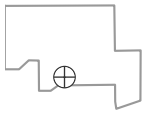


Notes:
1. Top of screen elevation is 3280.54 ft msl.
2. The bottom of screen elevation is 3250.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.25 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.27 ft/yr

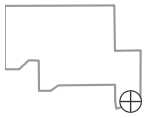
PTX06-1182 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.3 ft msl.
2. The bottom of screen elevation is 3233.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.32 ft/yr
Data (7/2009 - 1/2022): No Trend

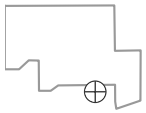
PTX06-1183 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3256.36 ft msl.
2. The bottom of screen elevation is 3246.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.3 ft/yr
Data (7/2009 - 1/2022): No Trend

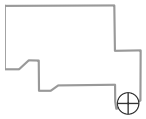
PTX06-1184 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3252.11 ft msl.
2. The bottom of screen elevation is 3242.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.71 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

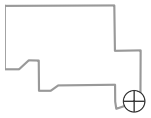
PTX06-1185 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.29 ft msl.
2. The bottom of screen elevation is 3233.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

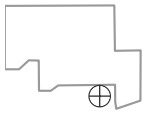
PTX06-1188 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3261.17 ft msl.
2. The bottom of screen elevation is 3251.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

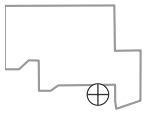
PTX06-1189 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3265.87 ft msl.
2. The bottom of screen elevation is 3255.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

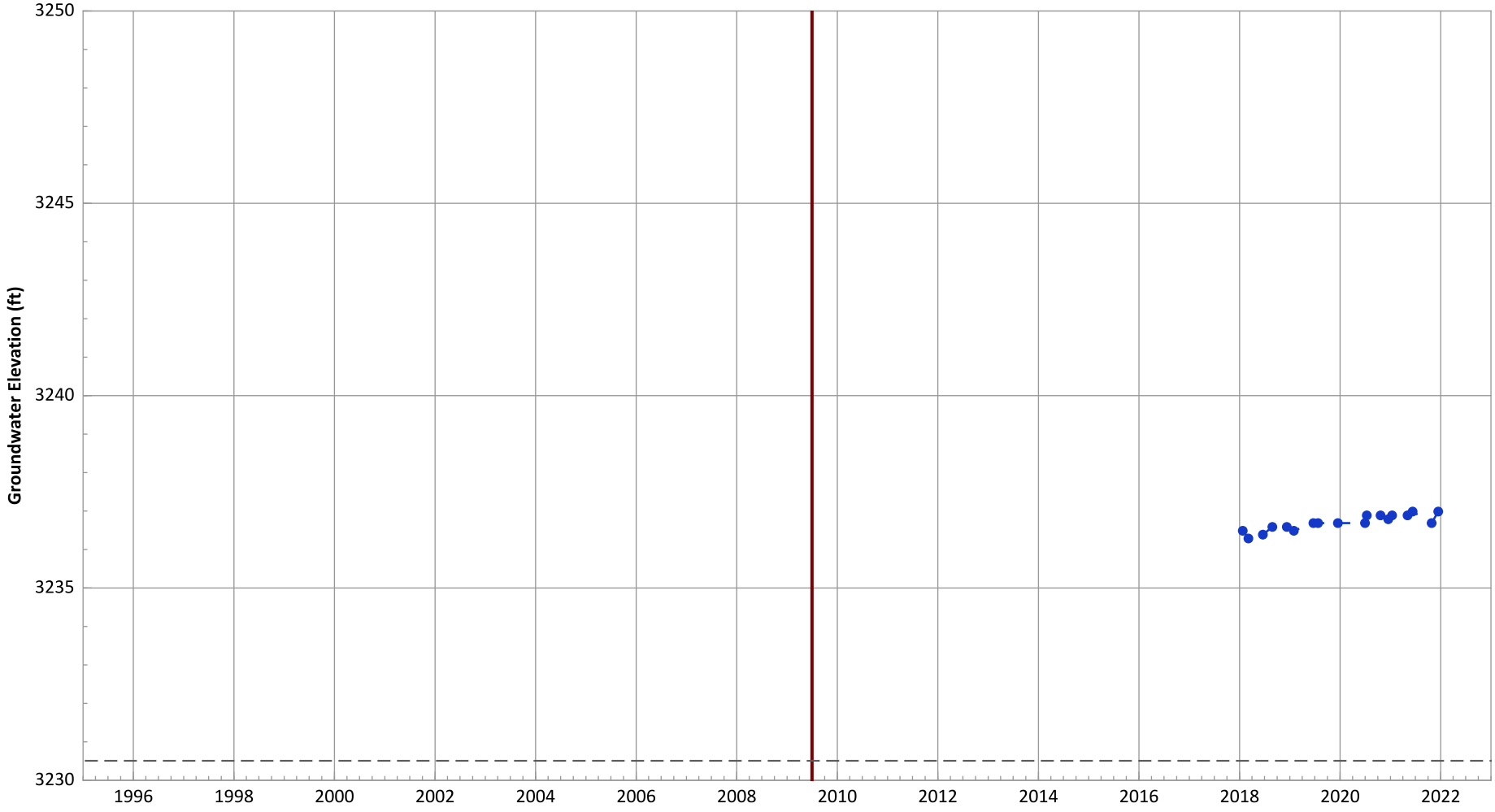
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-1190 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3240.51 ft msl.
2. The bottom of screen elevation is 3230.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

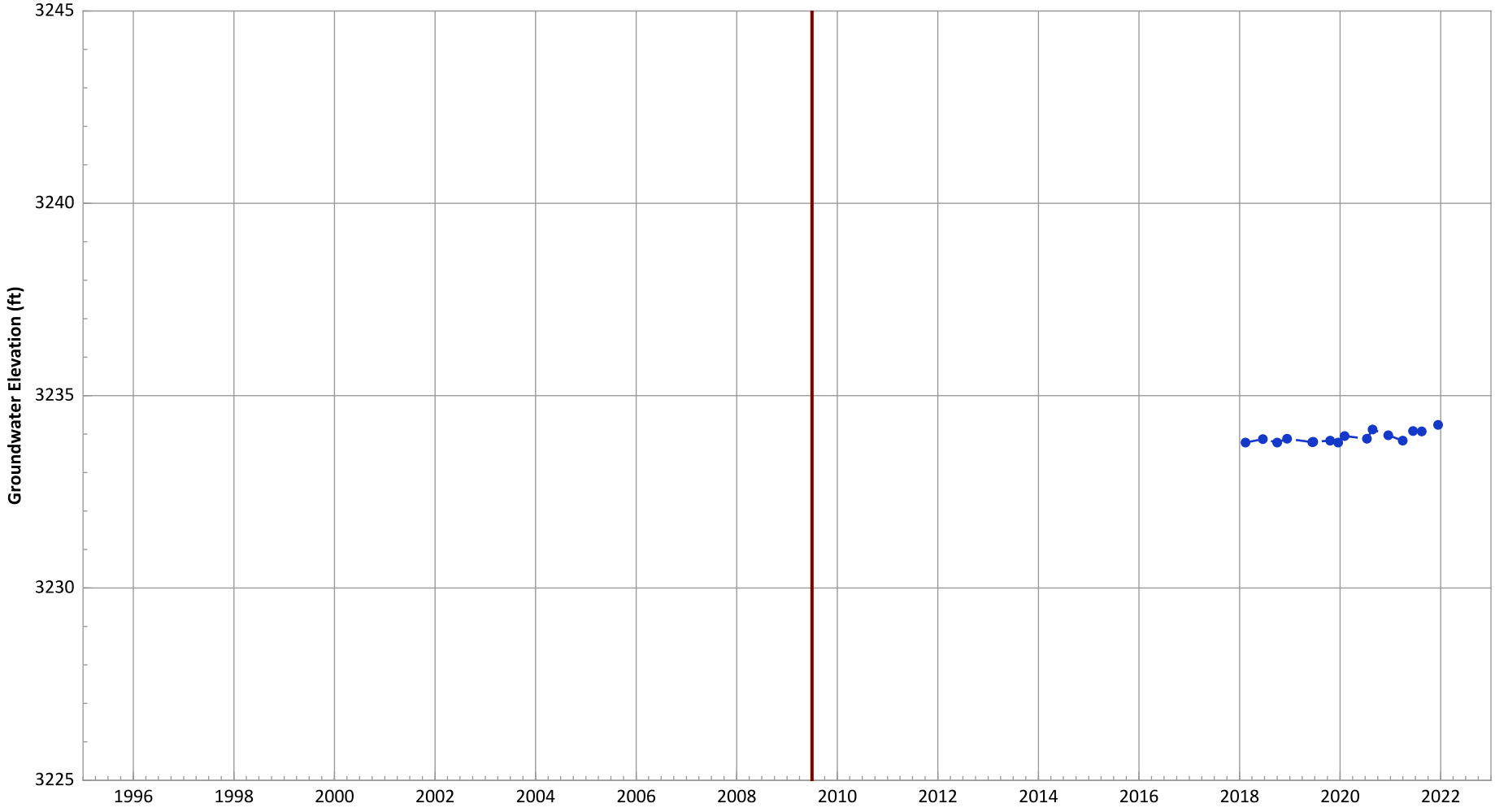
Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.14 ft/yr

PTX06-1191 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

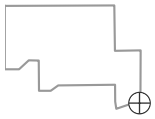


Notes:
1. Top of screen elevation is 3237.02 ft msl.
2. The bottom of screen elevation is 3222.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

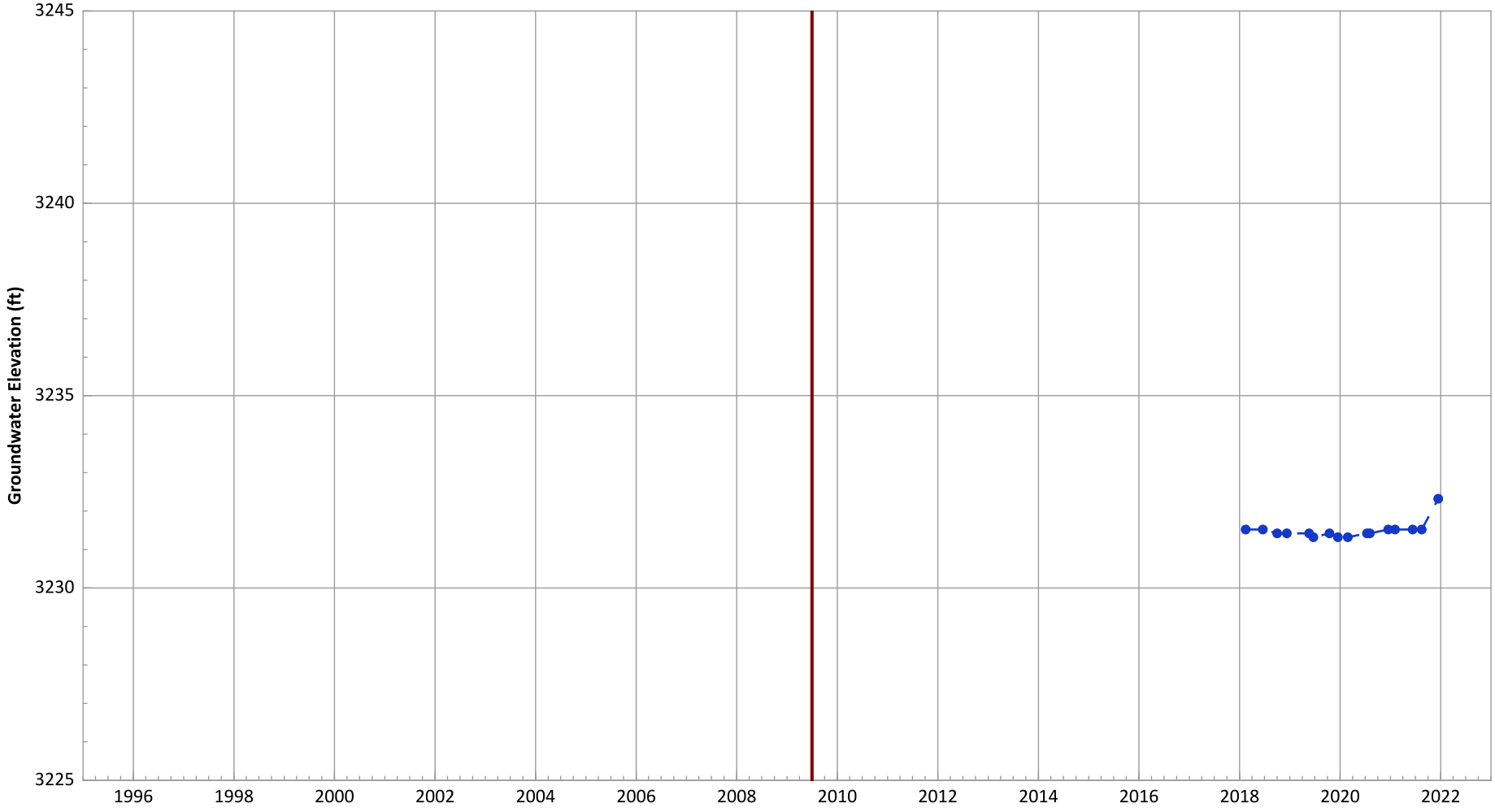
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1192 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

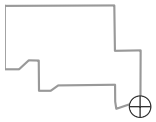


Notes:
1. Top of screen elevation is 3238.23 ft msl.
2. The bottom of screen elevation is 3218.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.39 ft/yr
Data (7/2009 - 1/2022): No Trend

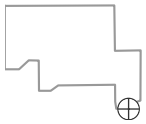
PTX06-1193 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3251.28 ft msl.
2. The bottom of screen elevation is 3241.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

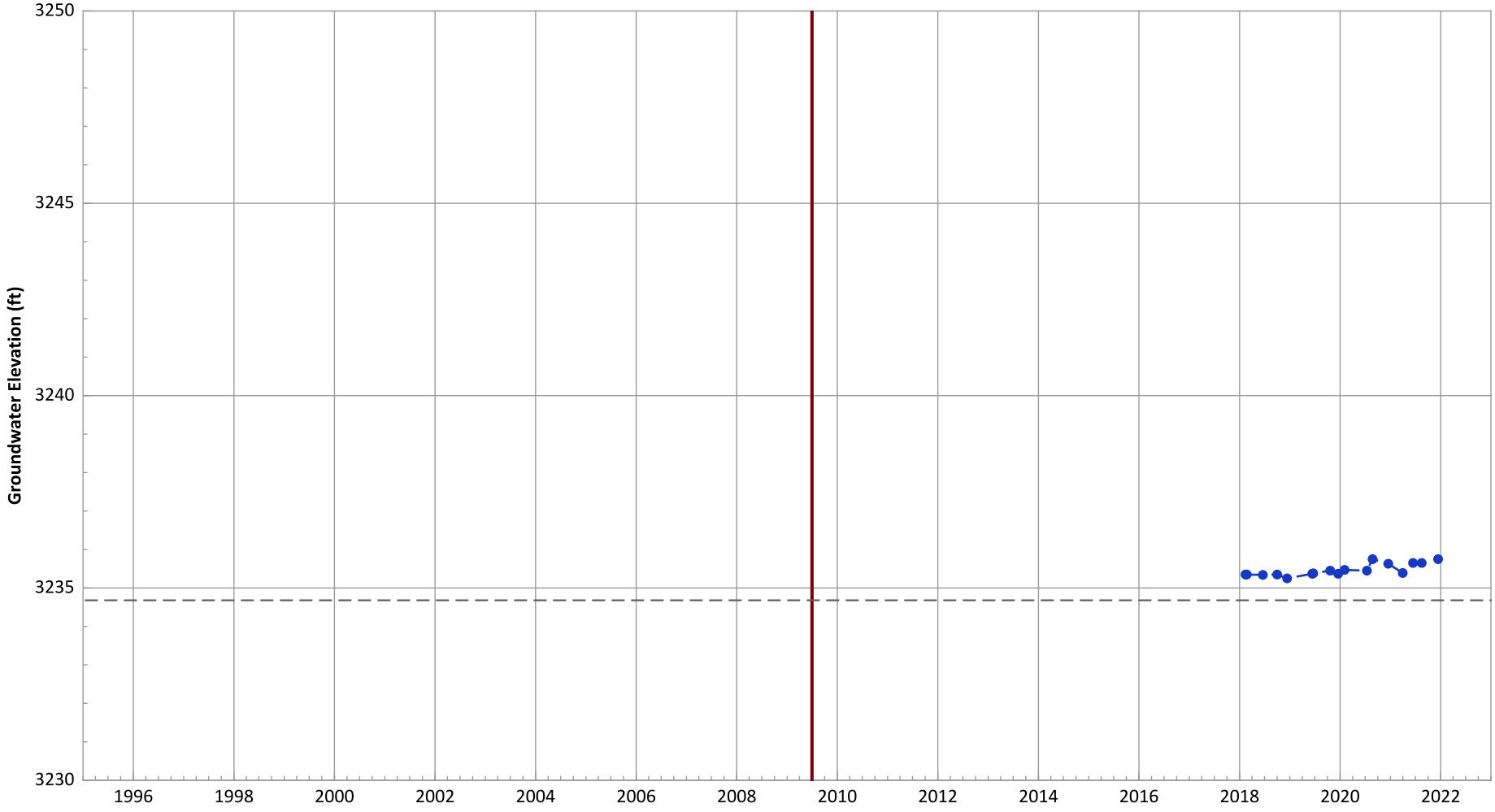
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.34 ft/yr

PTX06-1194 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

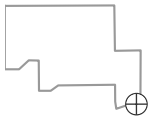


Notes:
1. Top of screen elevation is 3244.68 ft msl.
2. The bottom of screen elevation is 3234.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.1 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.1 ft/yr

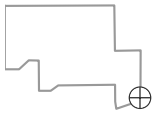
PTX06-1195 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.83 ft msl.
2. The bottom of screen elevation is 3227.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

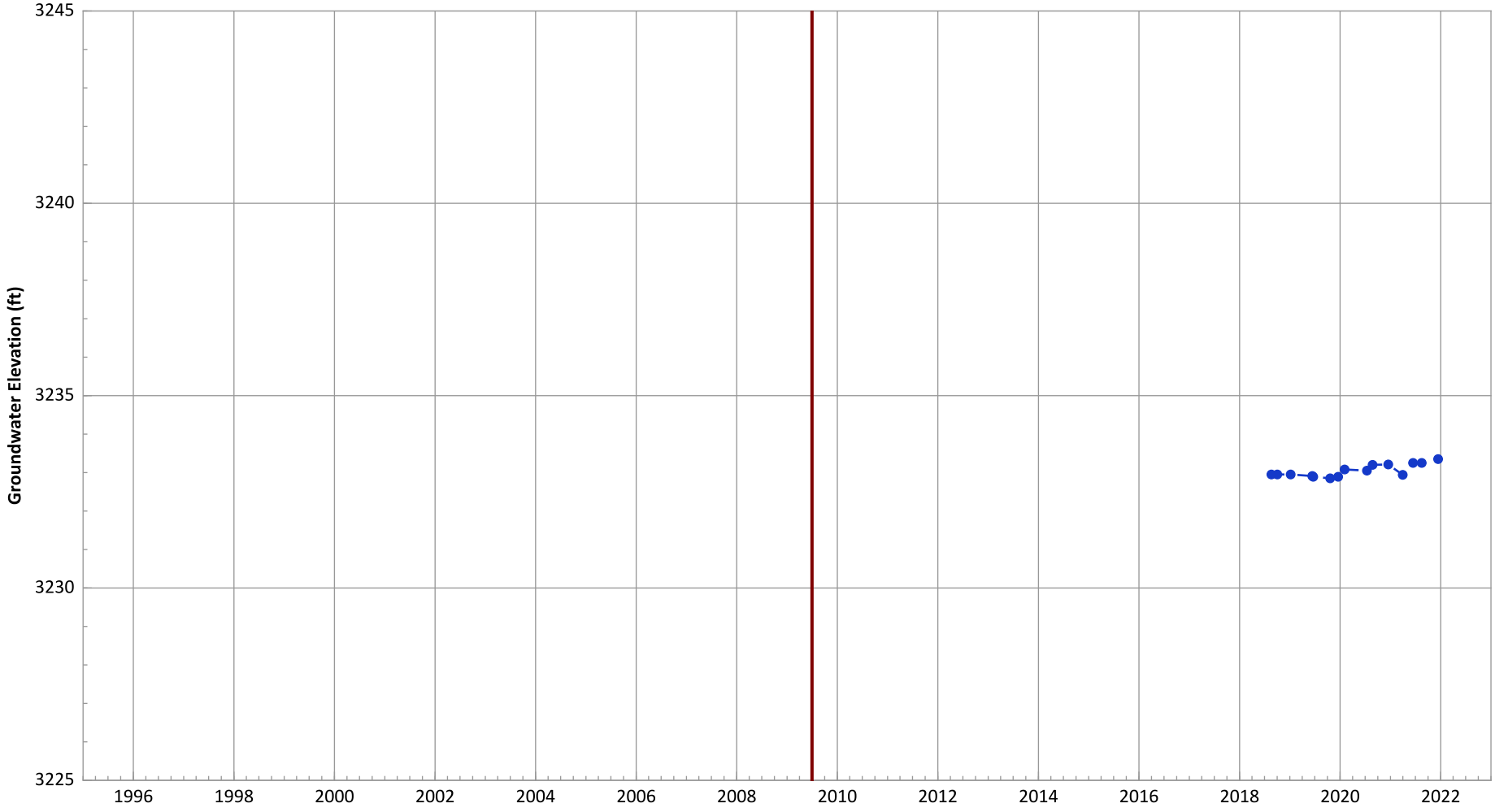
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.15 ft/yr

PTX06-1196 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

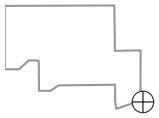


Notes:
1. Top of screen elevation is 3237.67 ft msl.
2. The bottom of screen elevation is 3222.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.12 ft/yr

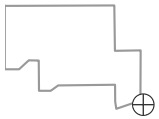
PTX06-1197 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3241.38 ft msl.
2. The bottom of screen elevation is 3226.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

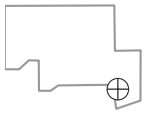
PTX06-1198 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3250.58 ft msl.
2. The bottom of screen elevation is 3235.58 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

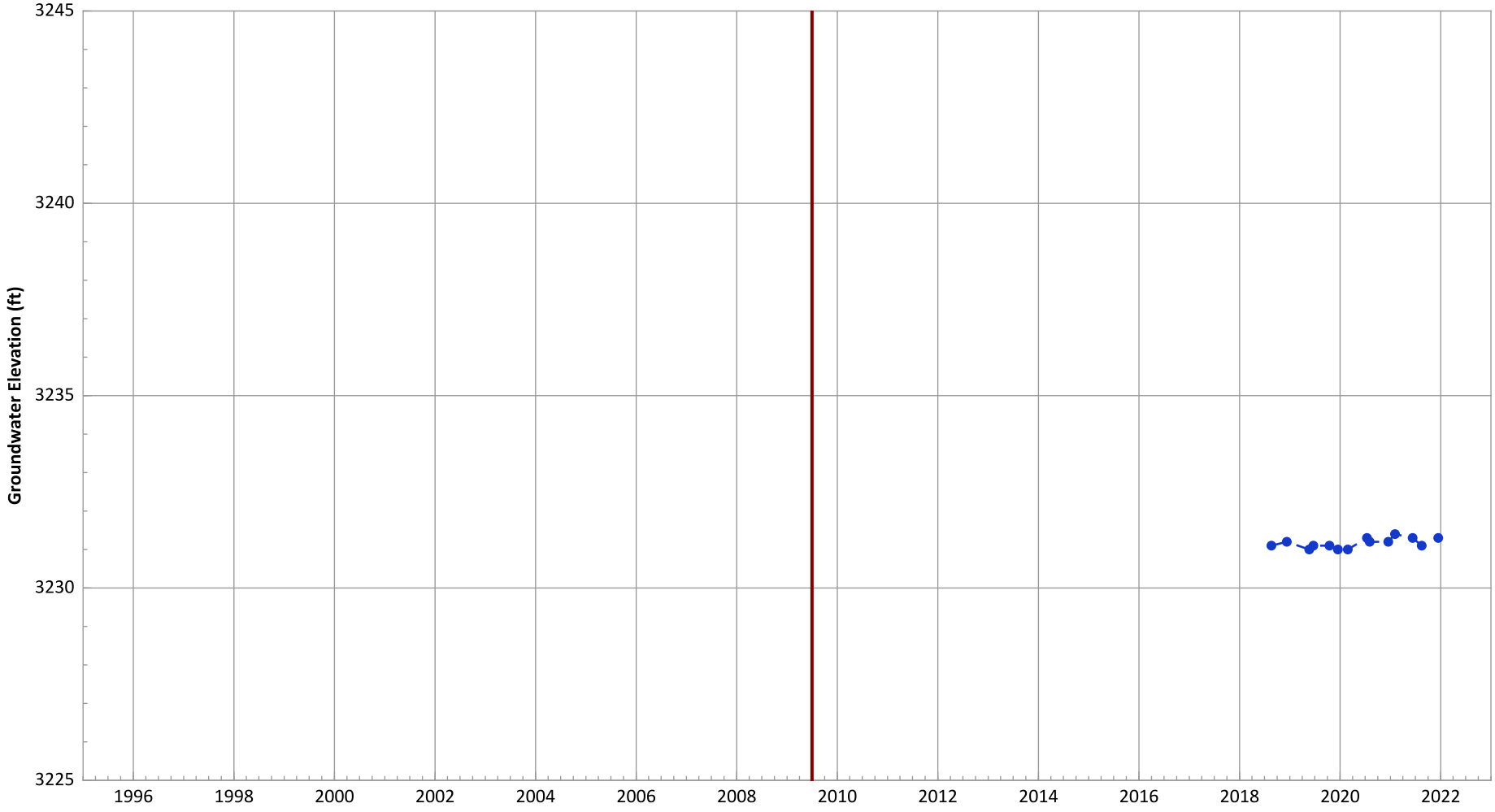
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.52 ft/yr
Data (7/2009 - 1/2022): Decreasing at 4.26 ft/yr

PTX06-1199 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

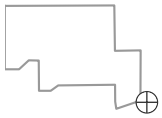


Notes:
1. Top of screen elevation is 3235.75 ft msl.
2. The bottom of screen elevation is 3220.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

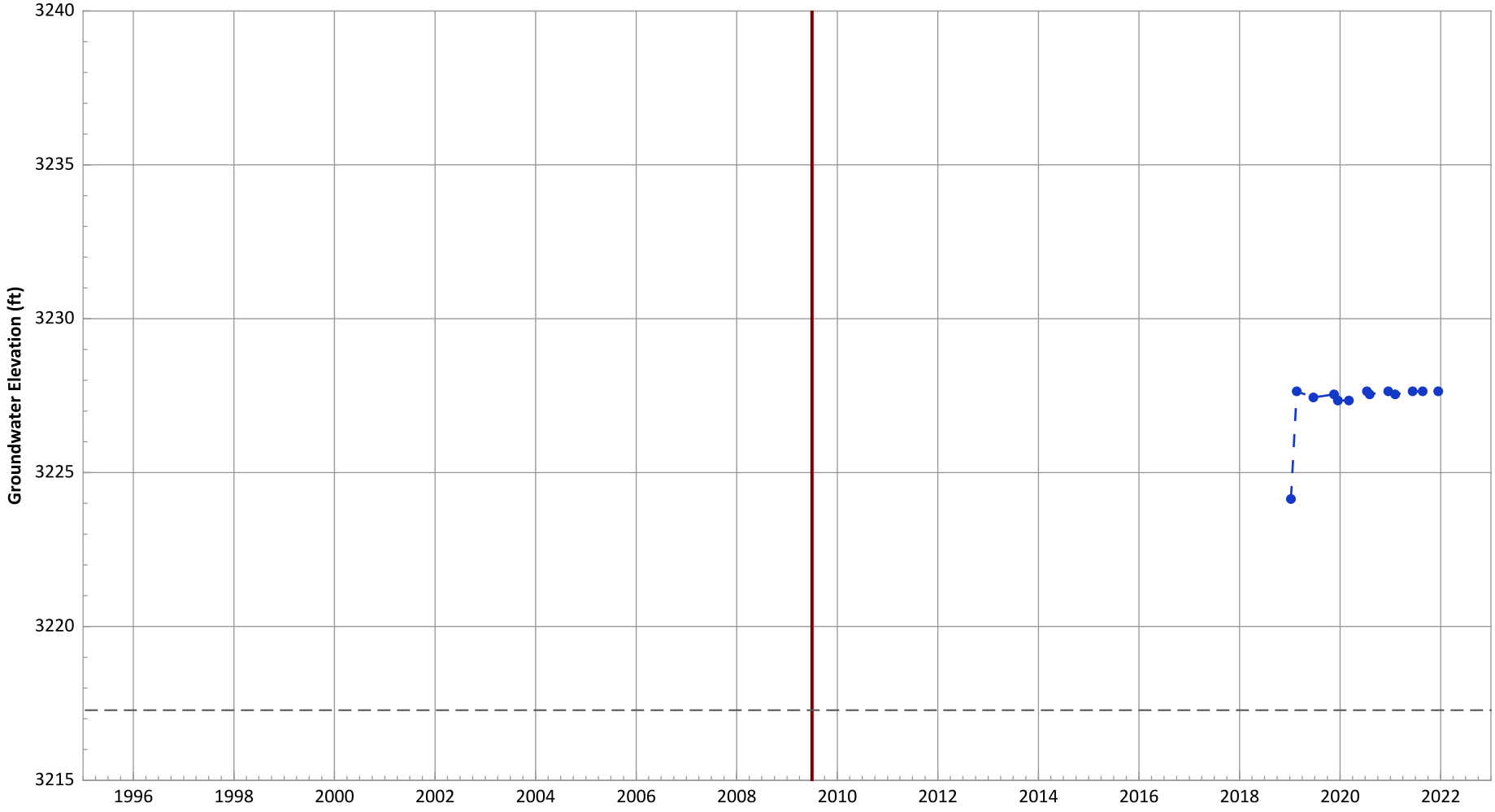
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-1200 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

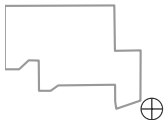


Notes:
1. Top of screen elevation is 3232.28 ft msl.
2. The bottom of screen elevation is 3217.28 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

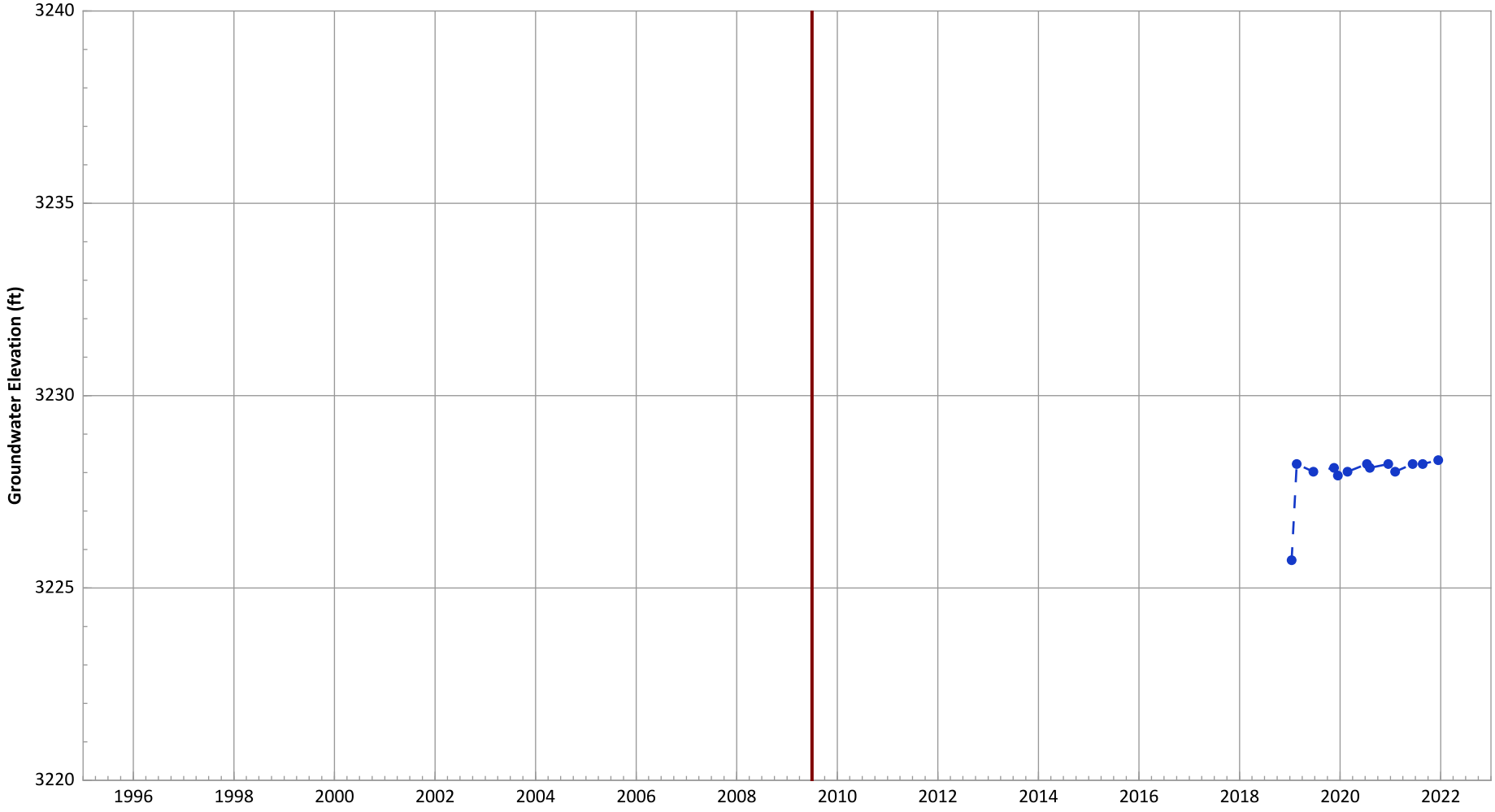
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.5 ft/yr

PTX06-1201 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

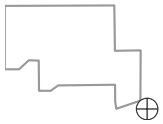


Notes:
1. Top of screen elevation is 3232.04 ft msl.
2. The bottom of screen elevation is 3217.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.12 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.37 ft/yr

PTX06-1202 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3238.16 ft msl.
2. The bottom of screen elevation is 3223.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

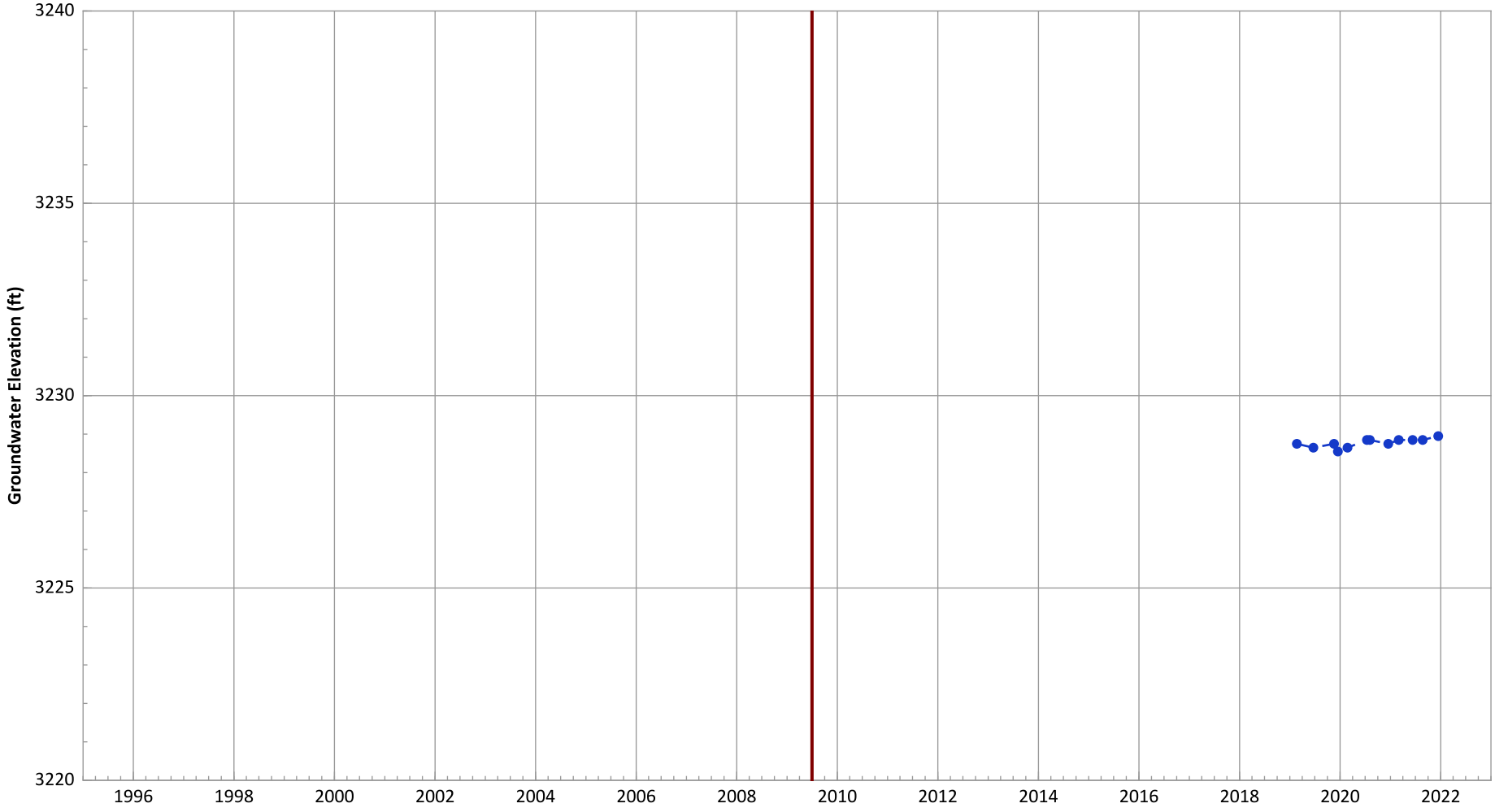
Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.3 ft/yr

PTX06-1203 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

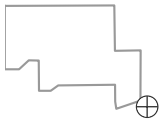


Notes:
1. Top of screen elevation is 3234.03 ft msl.
2. The bottom of screen elevation is 3219.03 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

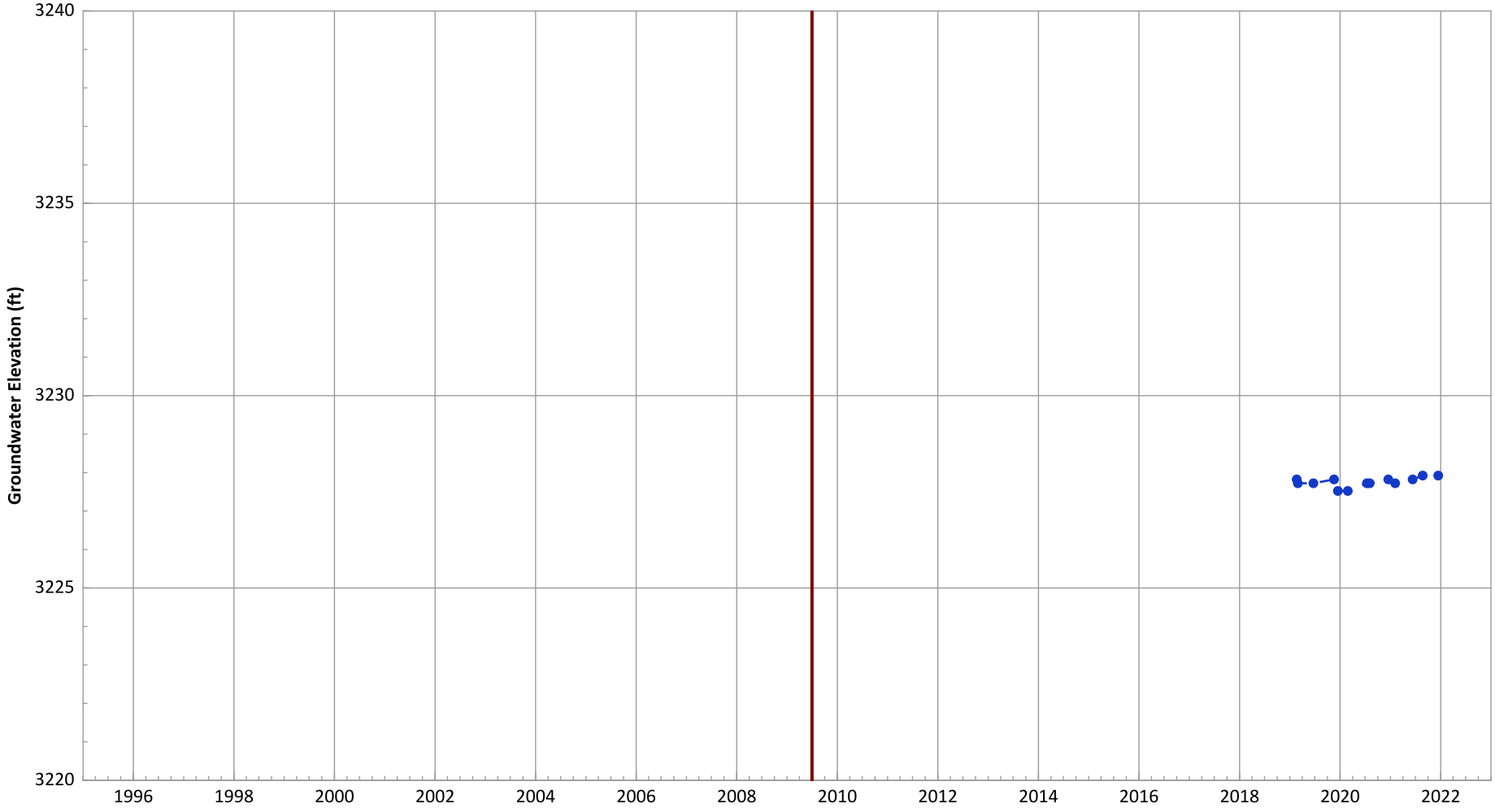
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.11 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1204 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

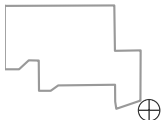


Notes:
1. Top of screen elevation is 3231.9 ft msl.
2. The bottom of screen elevation is 3211.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 1/2022): No Trend

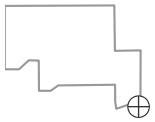
PTX06-1205 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3241.46 ft msl.
2. The bottom of screen elevation is 3231.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.1 ft/yr
Data (7/2009 - 1/2022): No Trend

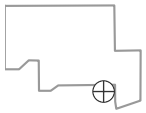
PTX06-1206 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3286.38 ft msl.
2. The bottom of screen elevation is 3246.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

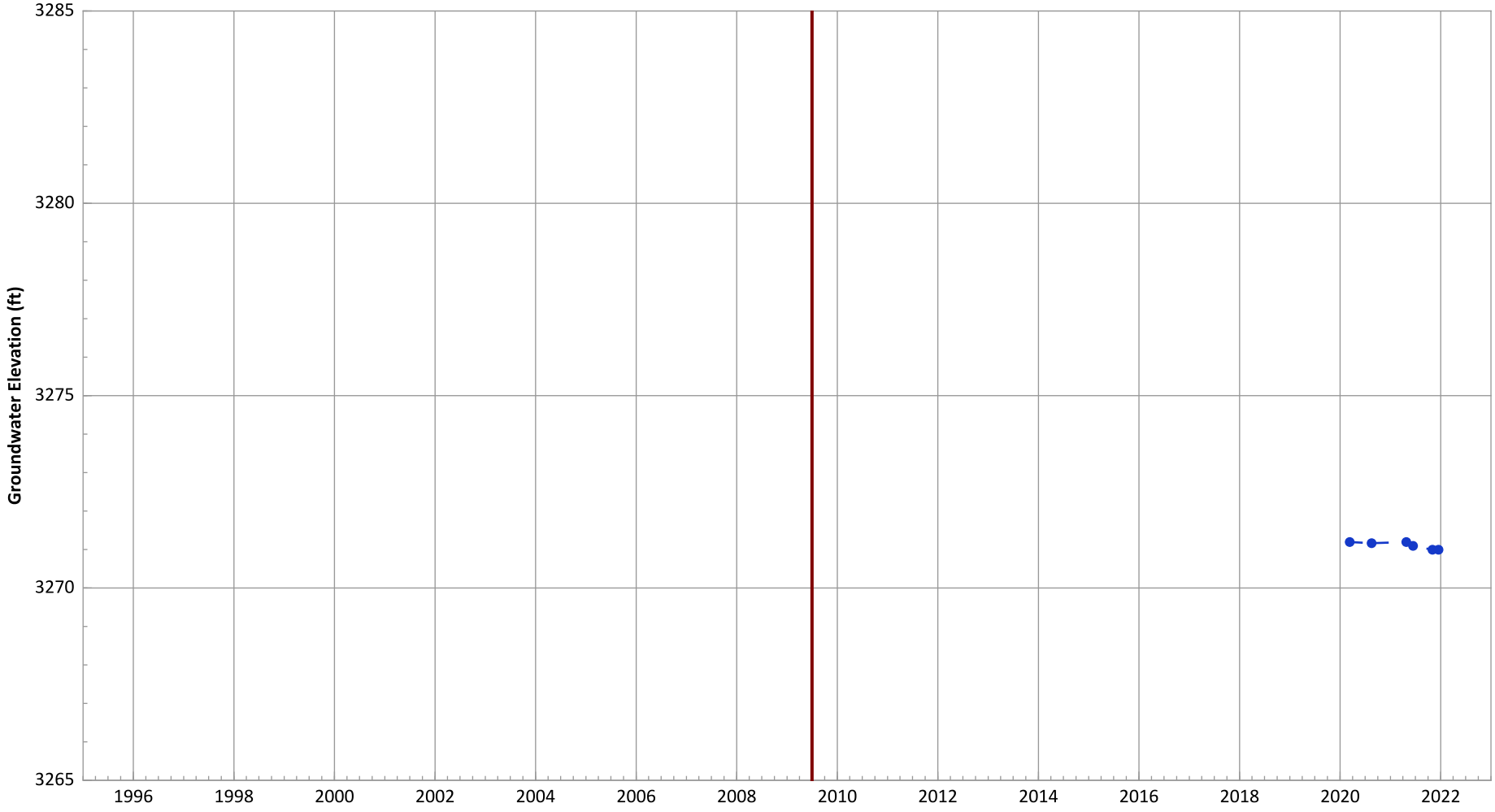
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.13 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-1207 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

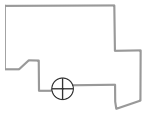


Notes:
1. Top of screen elevation is 3272.07 ft msl.
2. The bottom of screen elevation is 3257.07 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.11 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

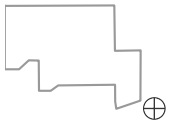
PTX06-1208 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3238.04 ft msl.
2. The bottom of screen elevation is 3223.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

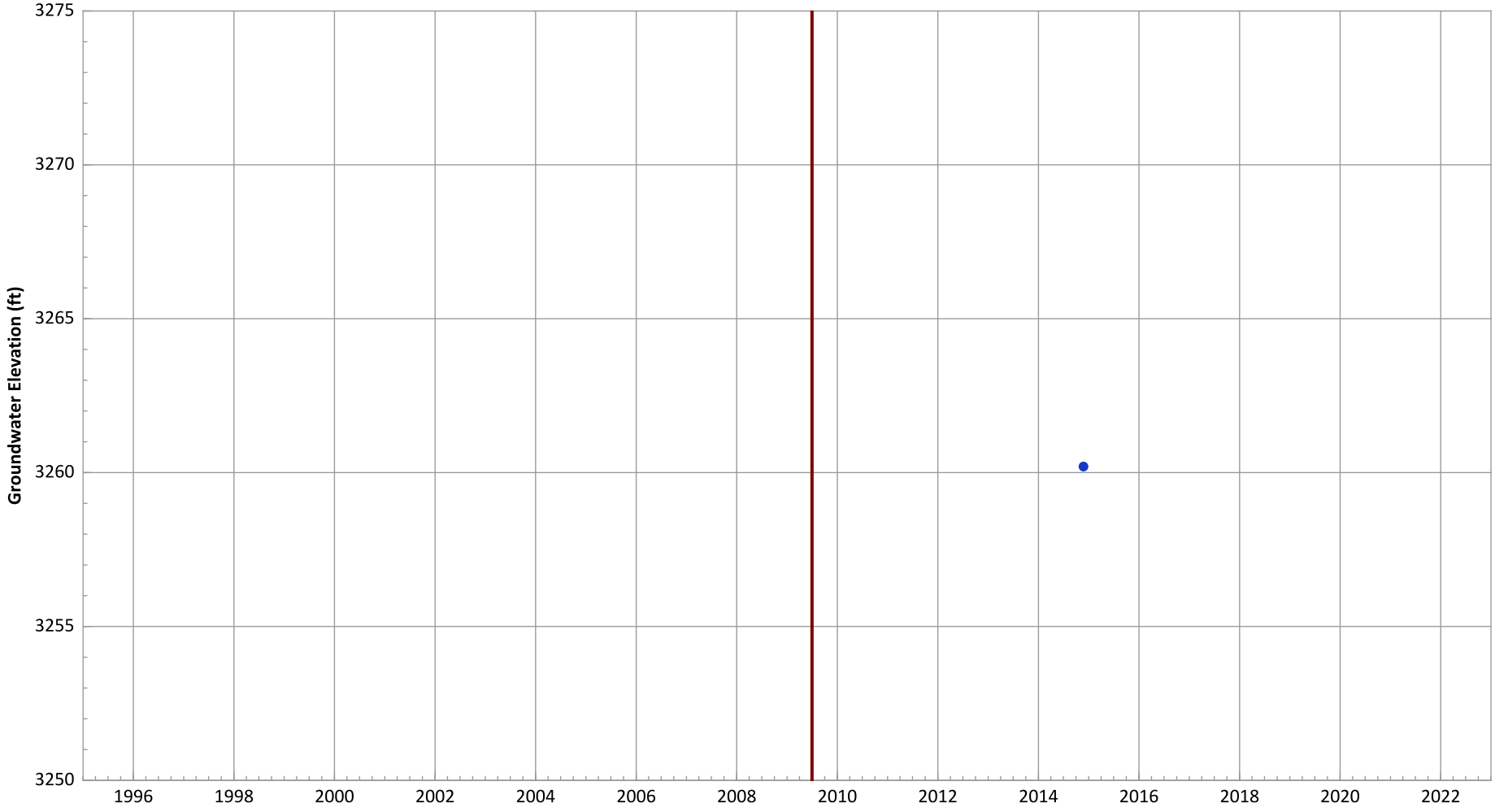
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.9 ft/yr
Data (7/2009 - 1/2022): Increasing at 1.9 ft/yr

PTX06-EW-26 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

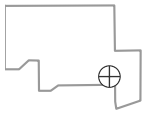


Notes:
1. Top of screen elevation is 3268.82 ft msl.
2. The bottom of screen elevation is 3238.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

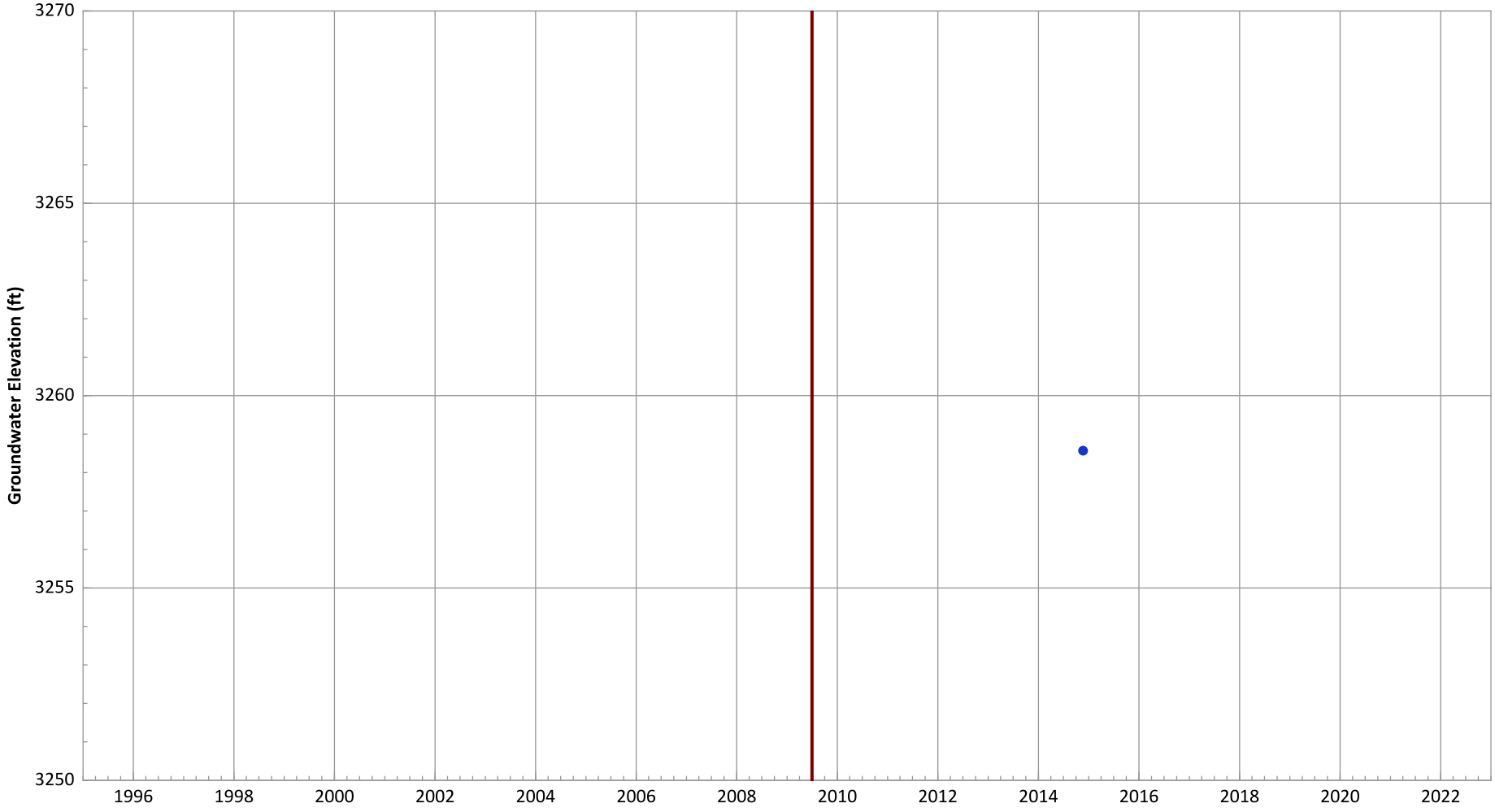
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-36 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

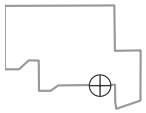


Notes:
1. Top of screen elevation is 3272.62 ft msl.
2. The bottom of screen elevation is 3242.62 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

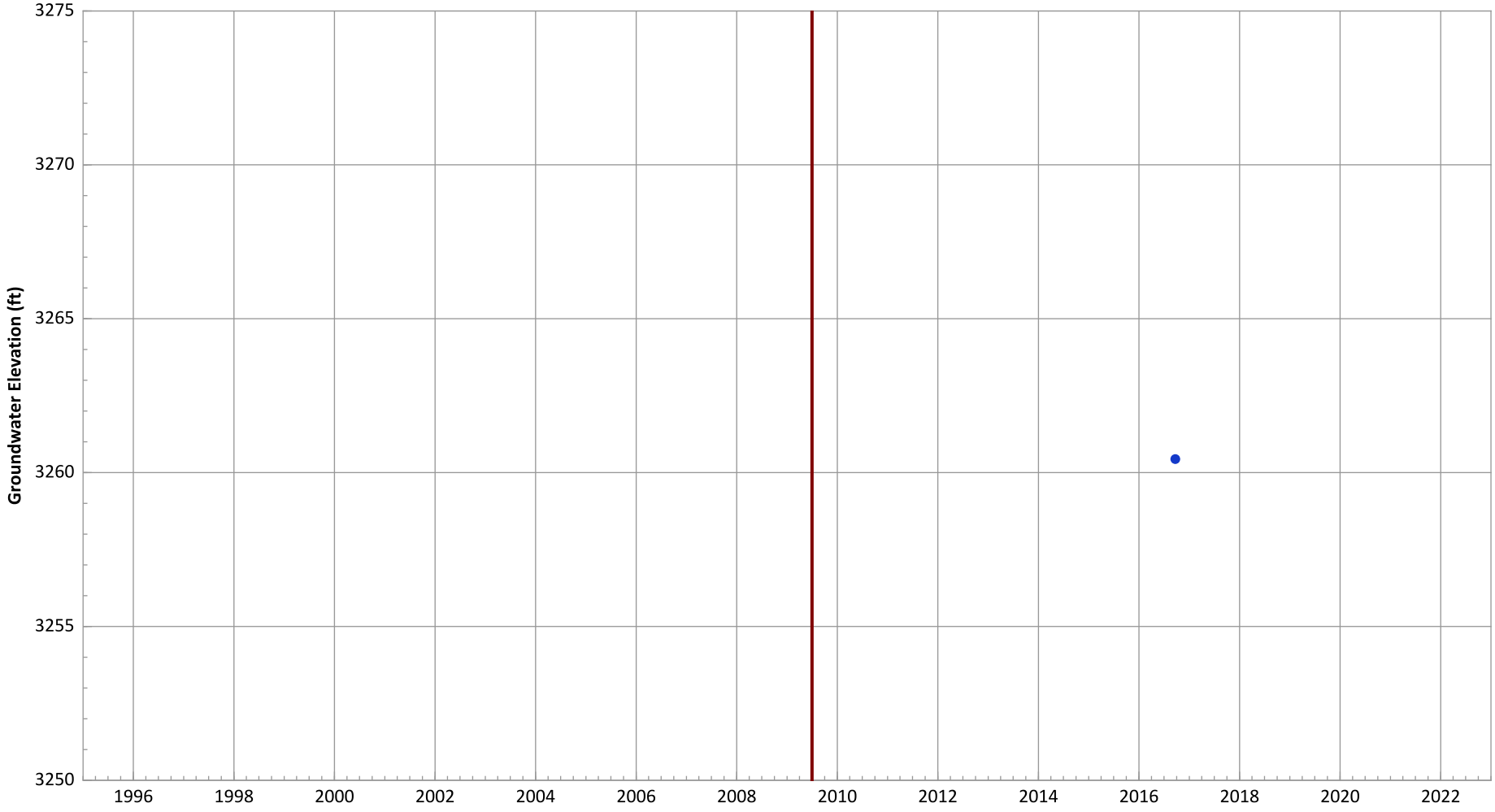
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-39 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

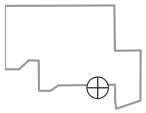


Notes:
1. Top of screen elevation is 3268.45 ft msl.
2. The bottom of screen elevation is 3243.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

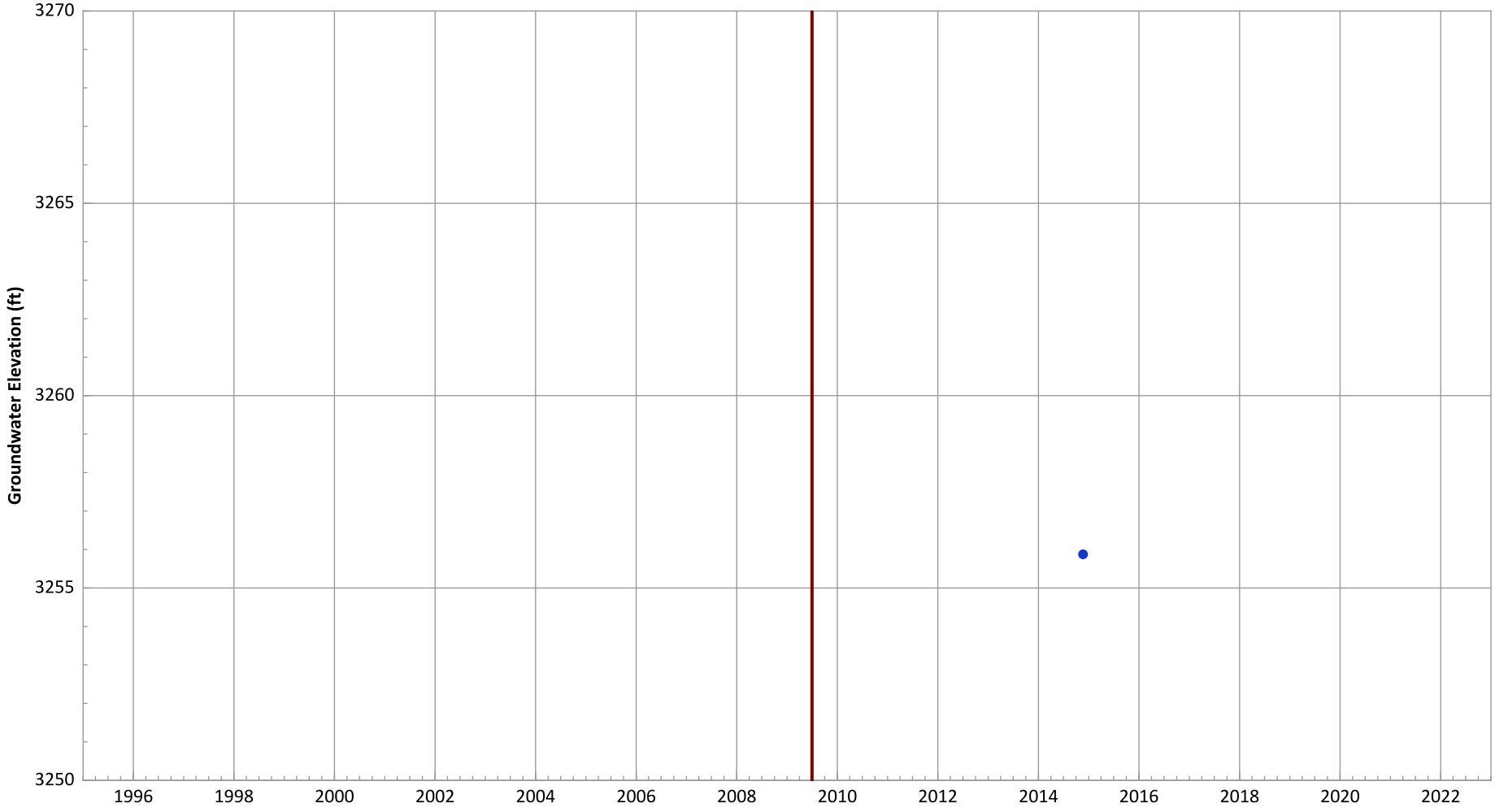
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-49 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

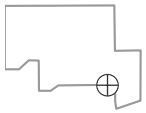


Notes:
1. Top of screen elevation is 3264.76 ft msl.
2. The bottom of screen elevation is 3244.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

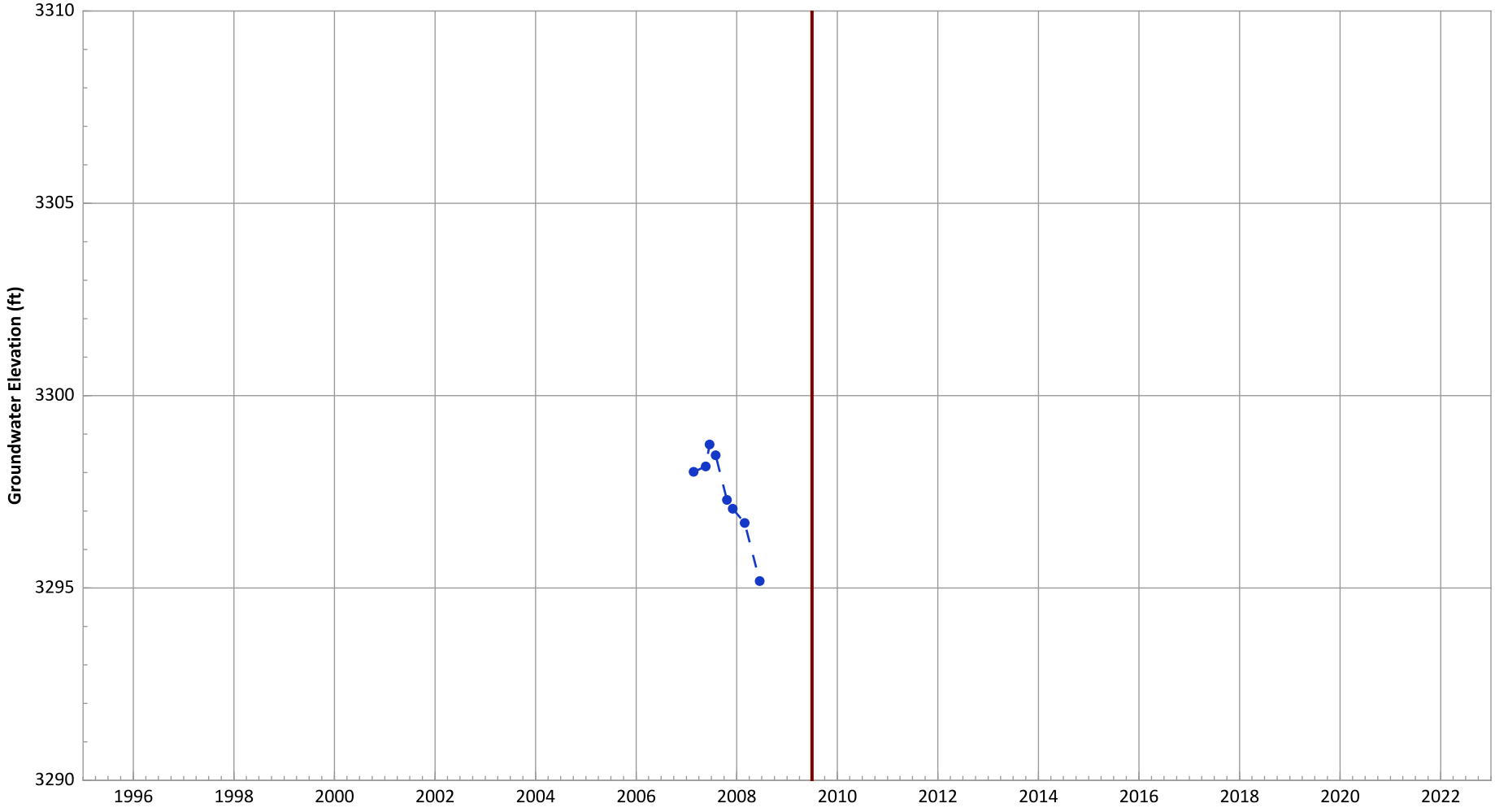
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-70 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

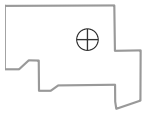


Notes:
1. Top of screen elevation is 3337.59 ft msl.
2. The bottom of screen elevation is 3267.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

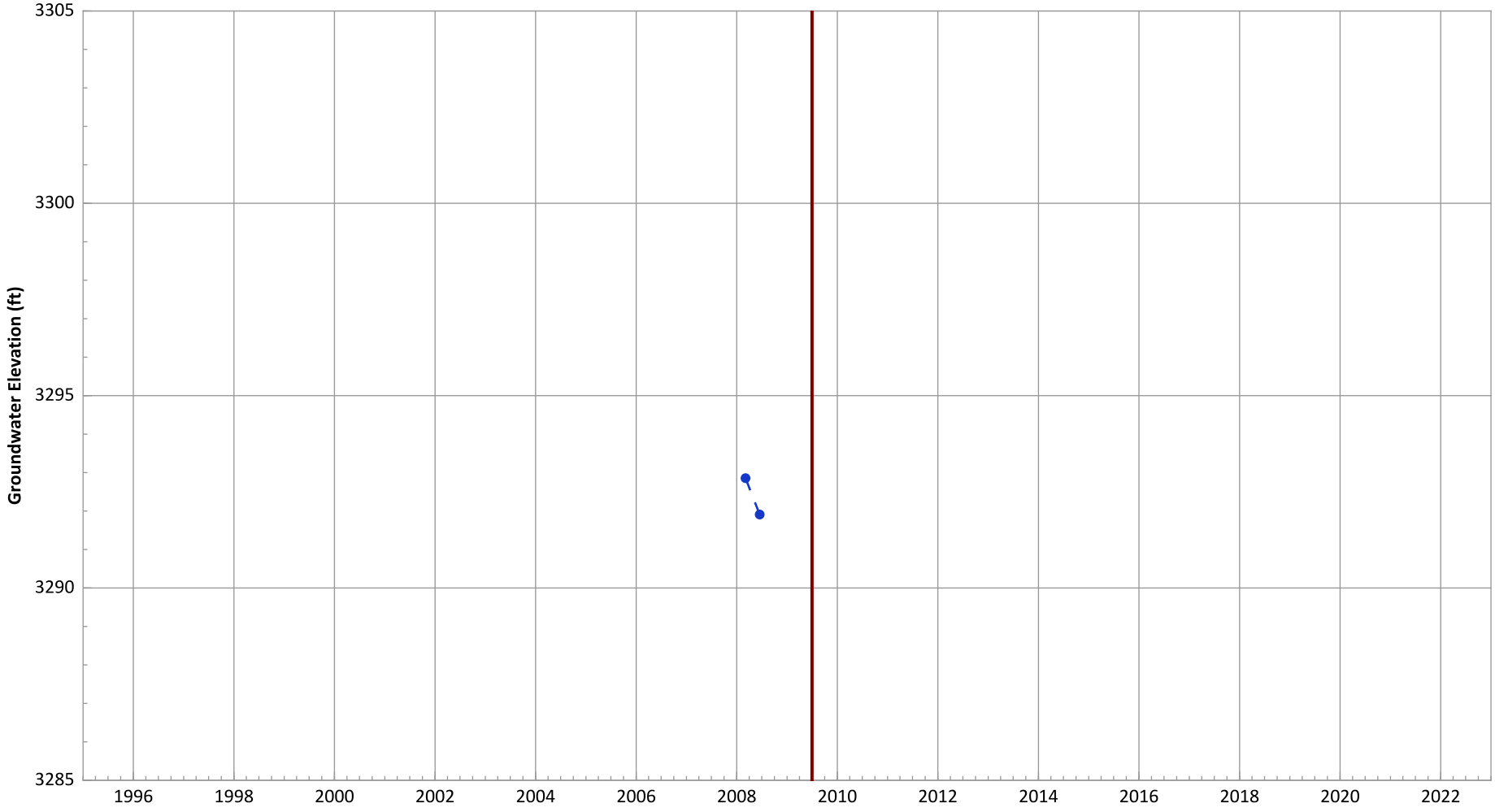
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-75 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

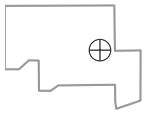


Notes:
1. Top of screen elevation is 3306.57 ft msl.
2. The bottom of screen elevation is 3256.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

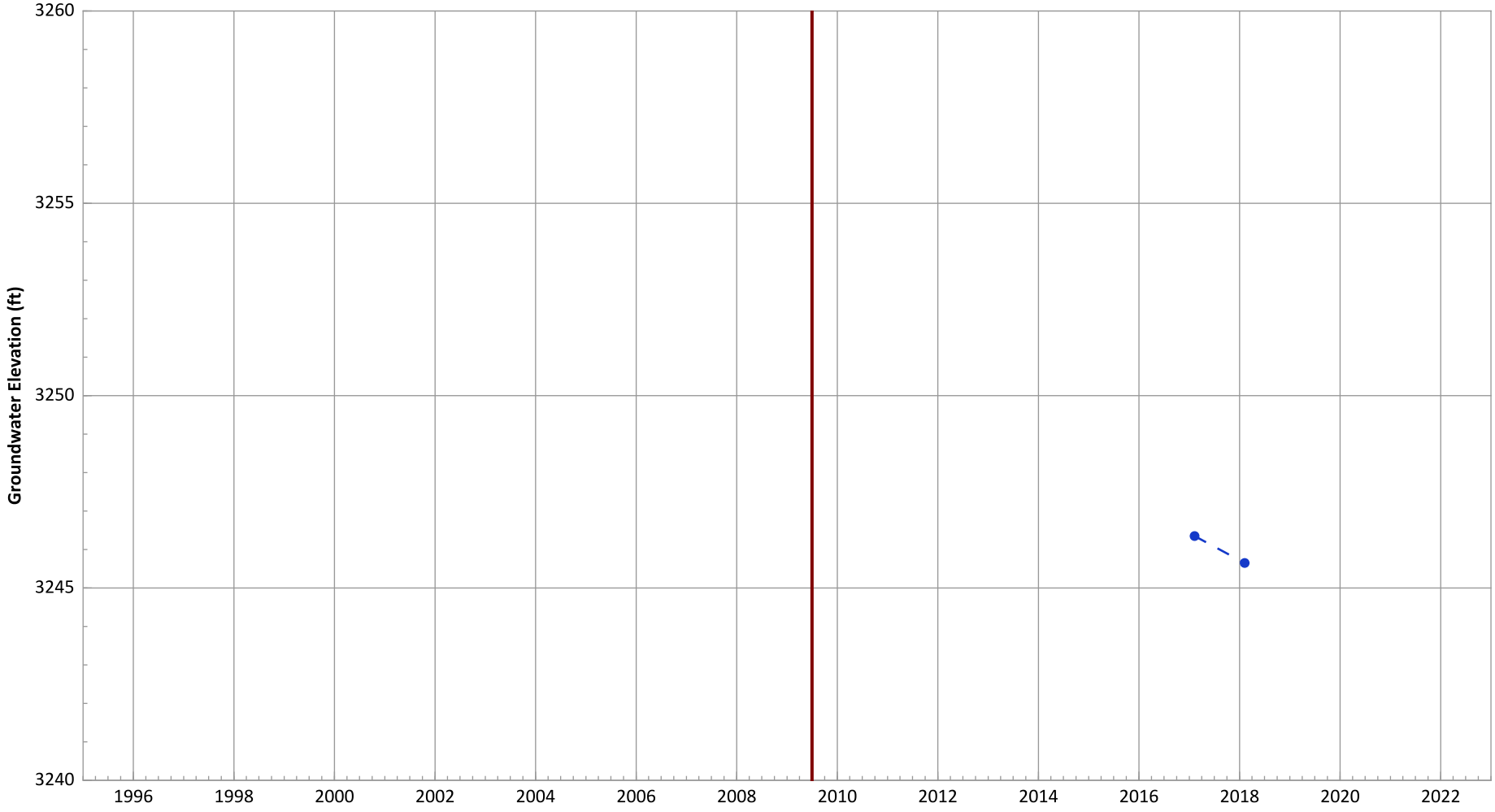
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-83 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

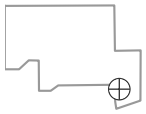


Notes:
1. Top of screen elevation is 3248.32 ft msl.
2. The bottom of screen elevation is 3233.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

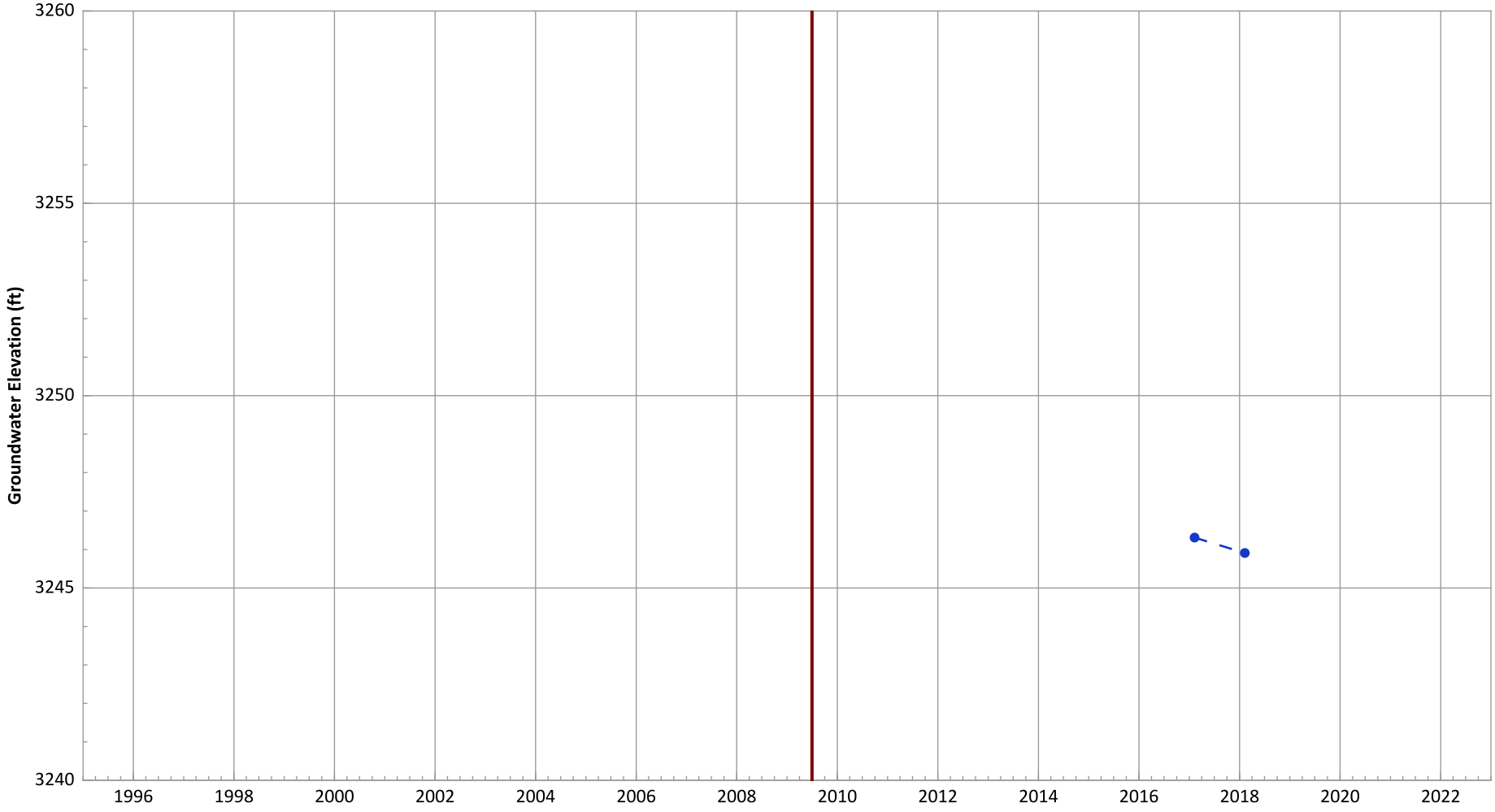
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-EW-84 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

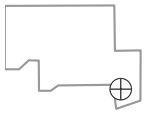


Notes:
1. Top of screen elevation is 3248.18 ft msl.
2. The bottom of screen elevation is 3233.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

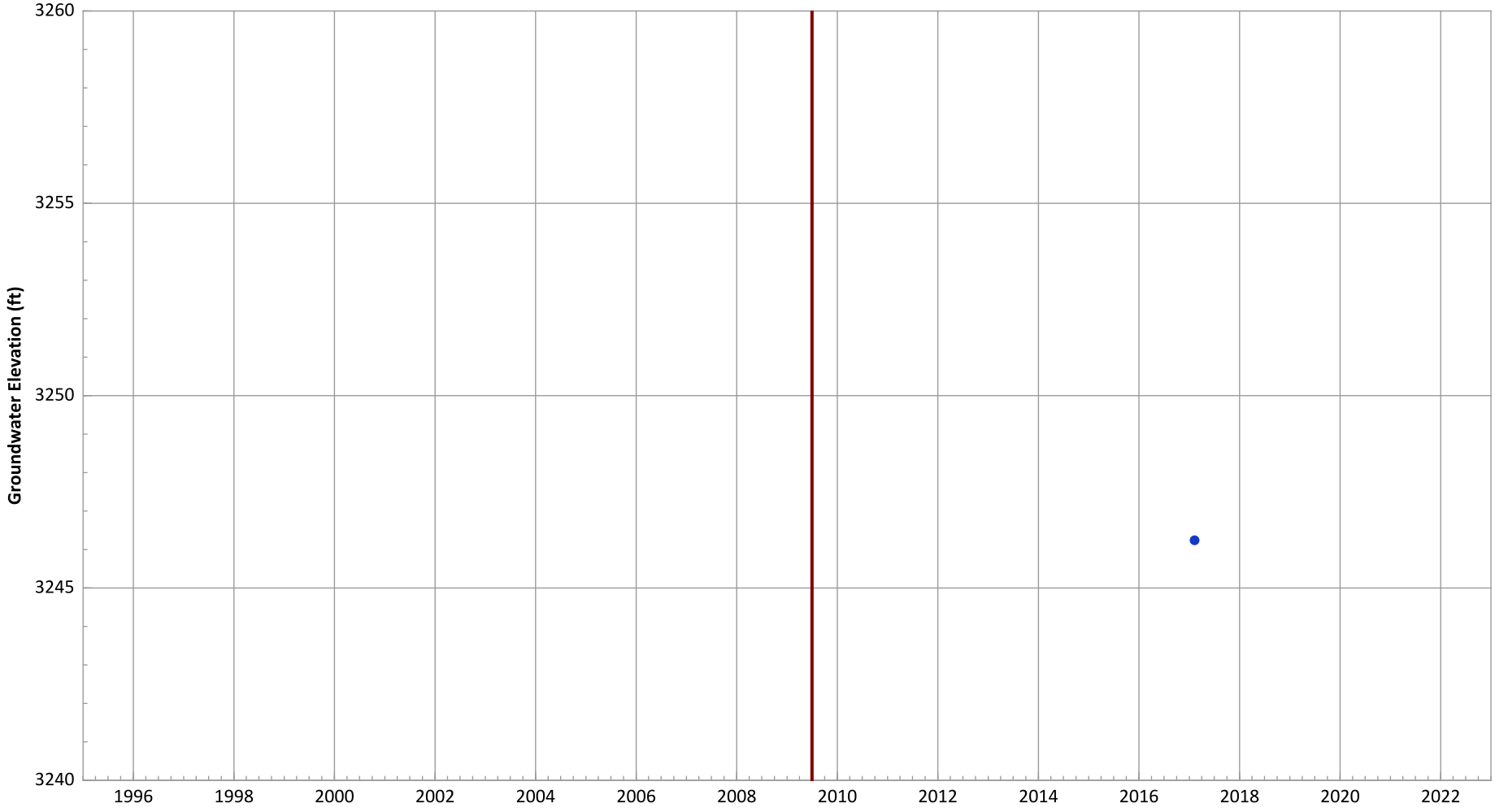
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-EW-85 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

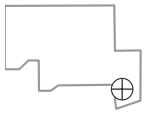


Notes:
1. Top of screen elevation is 3253.95 ft msl.
2. The bottom of screen elevation is 3233.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

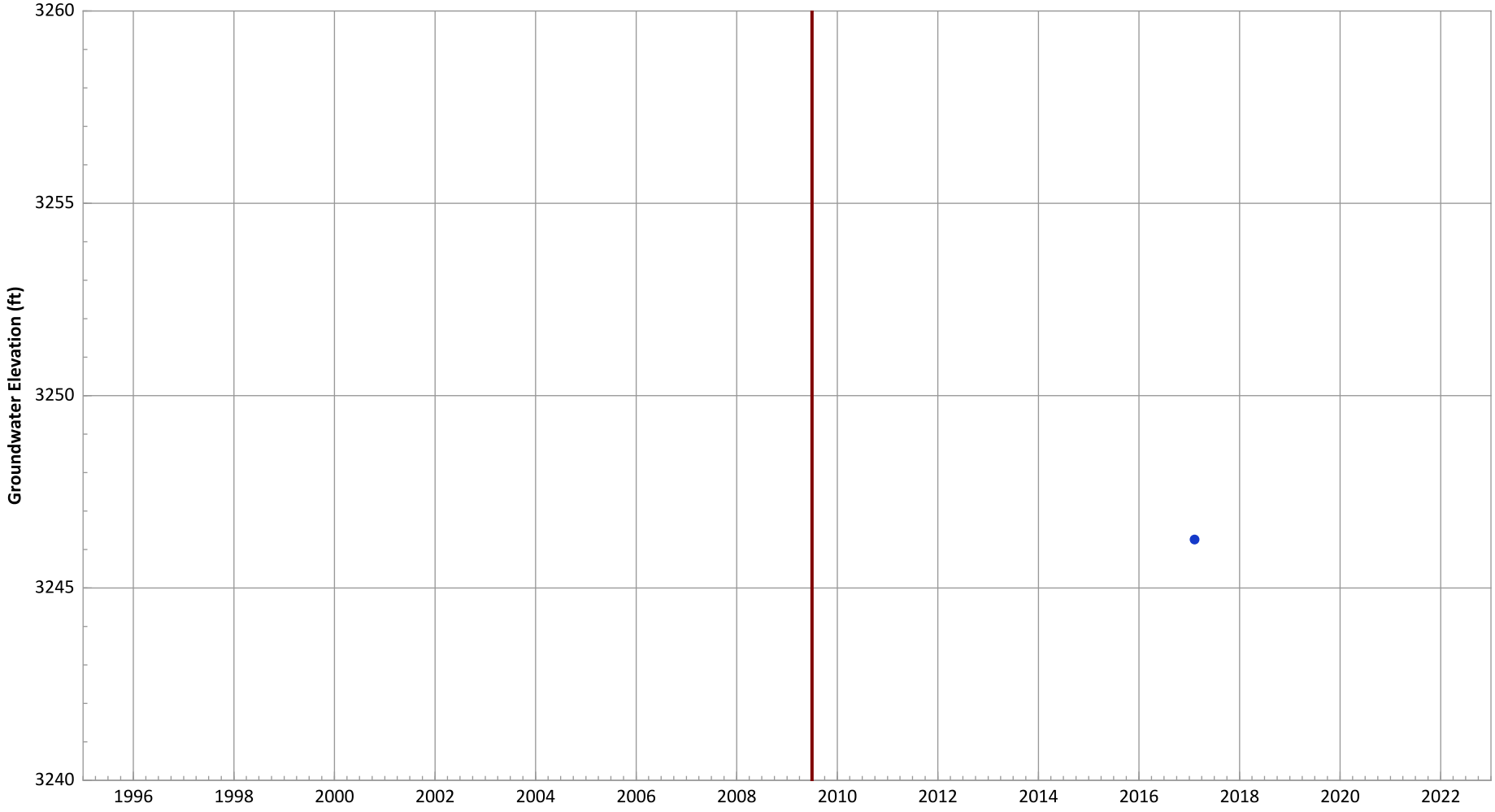
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-86 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

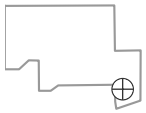


Notes:
1. Top of screen elevation is 3253.71 ft msl.
2. The bottom of screen elevation is 3233.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

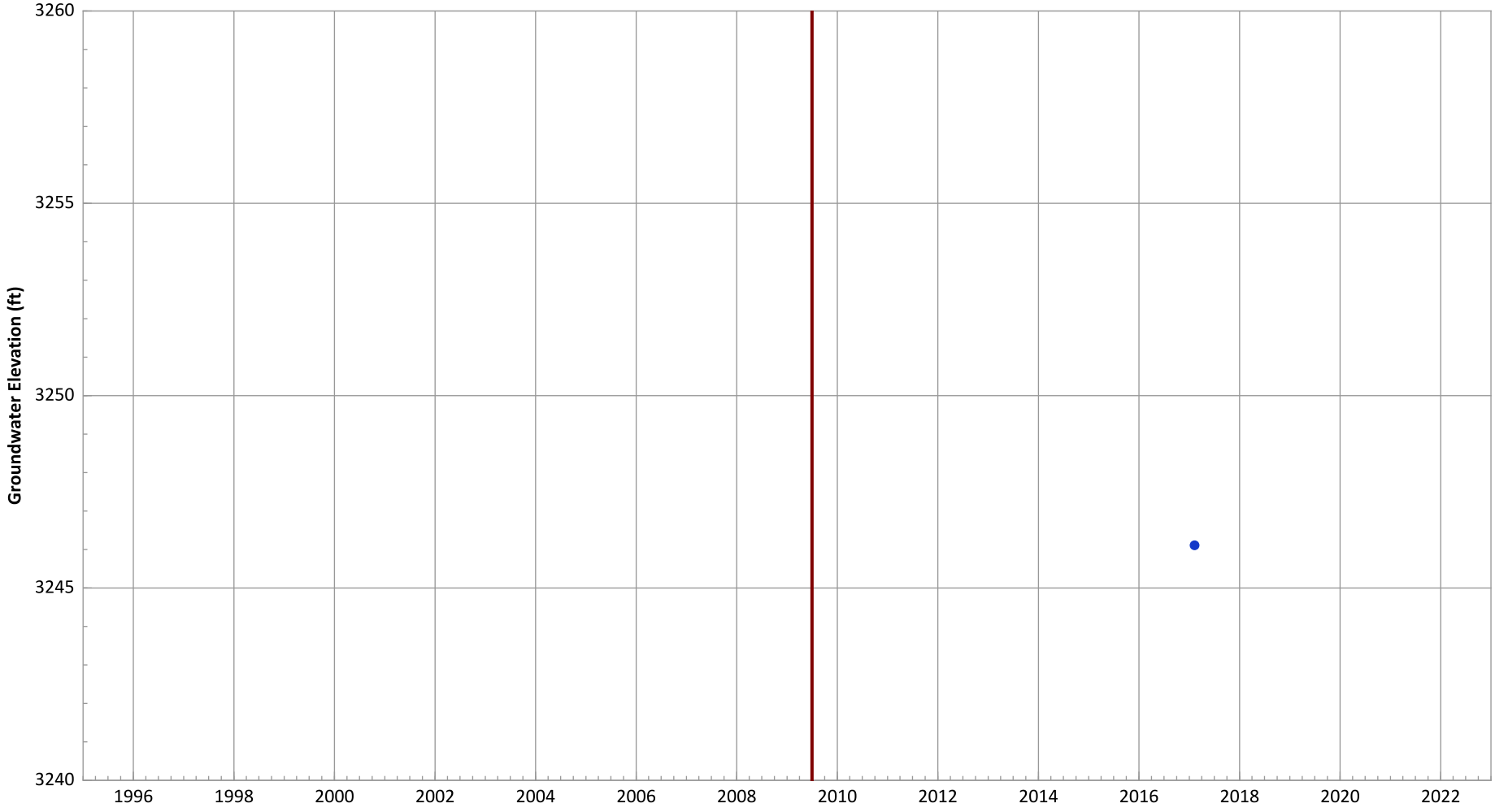
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-87 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

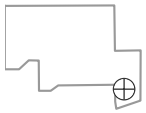


Notes:
1. Top of screen elevation is 3246.71 ft msl.
2. The bottom of screen elevation is 3231.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

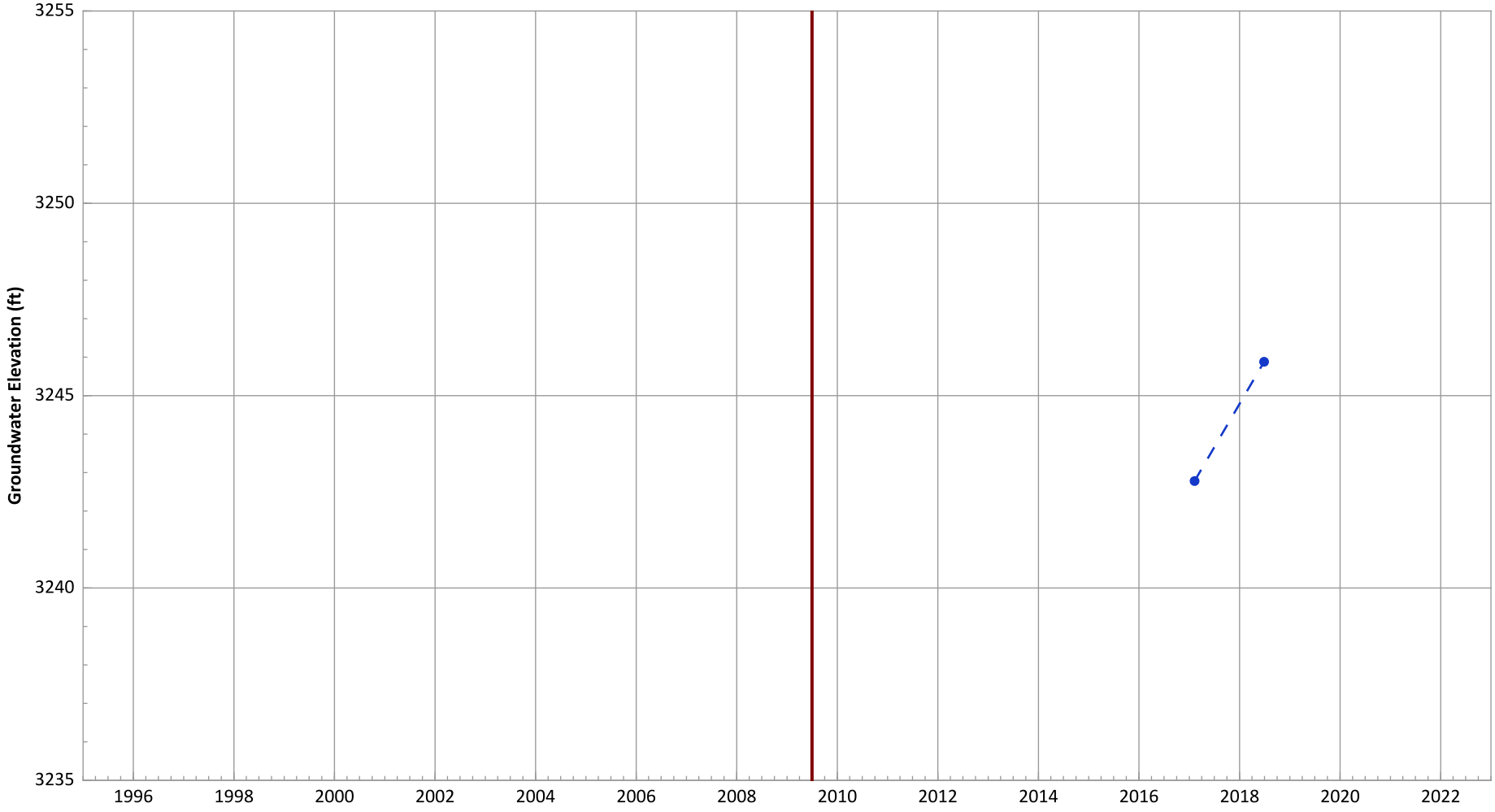
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-EW-88 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

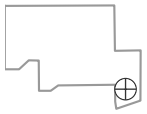


Notes:
1. Top of screen elevation is 3246.46 ft msl.
2. The bottom of screen elevation is 3231.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

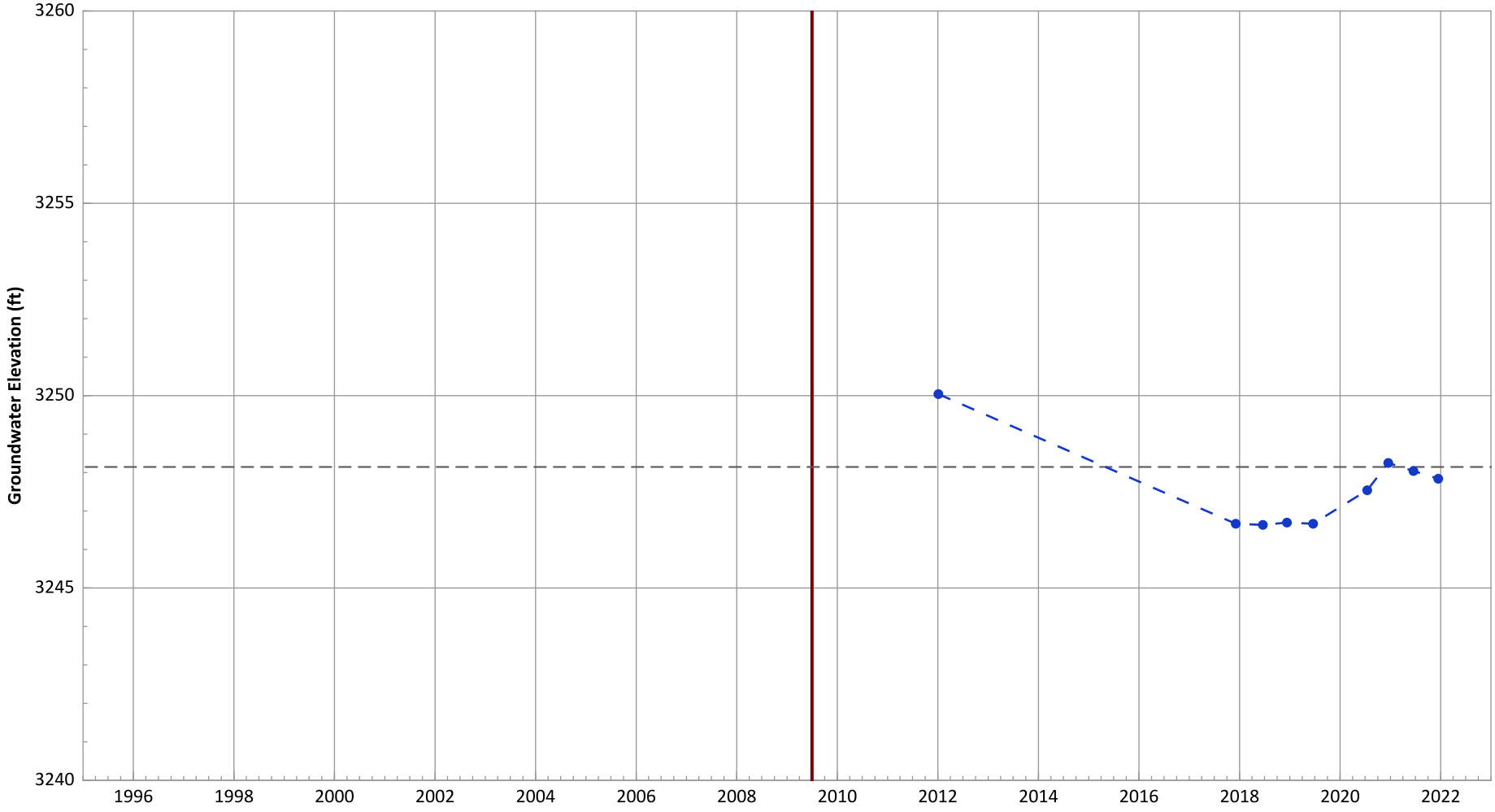
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

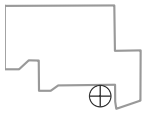


Notes:
1. Top of screen elevation is 3258.15 ft msl.
2. The bottom of screen elevation is 3248.15 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

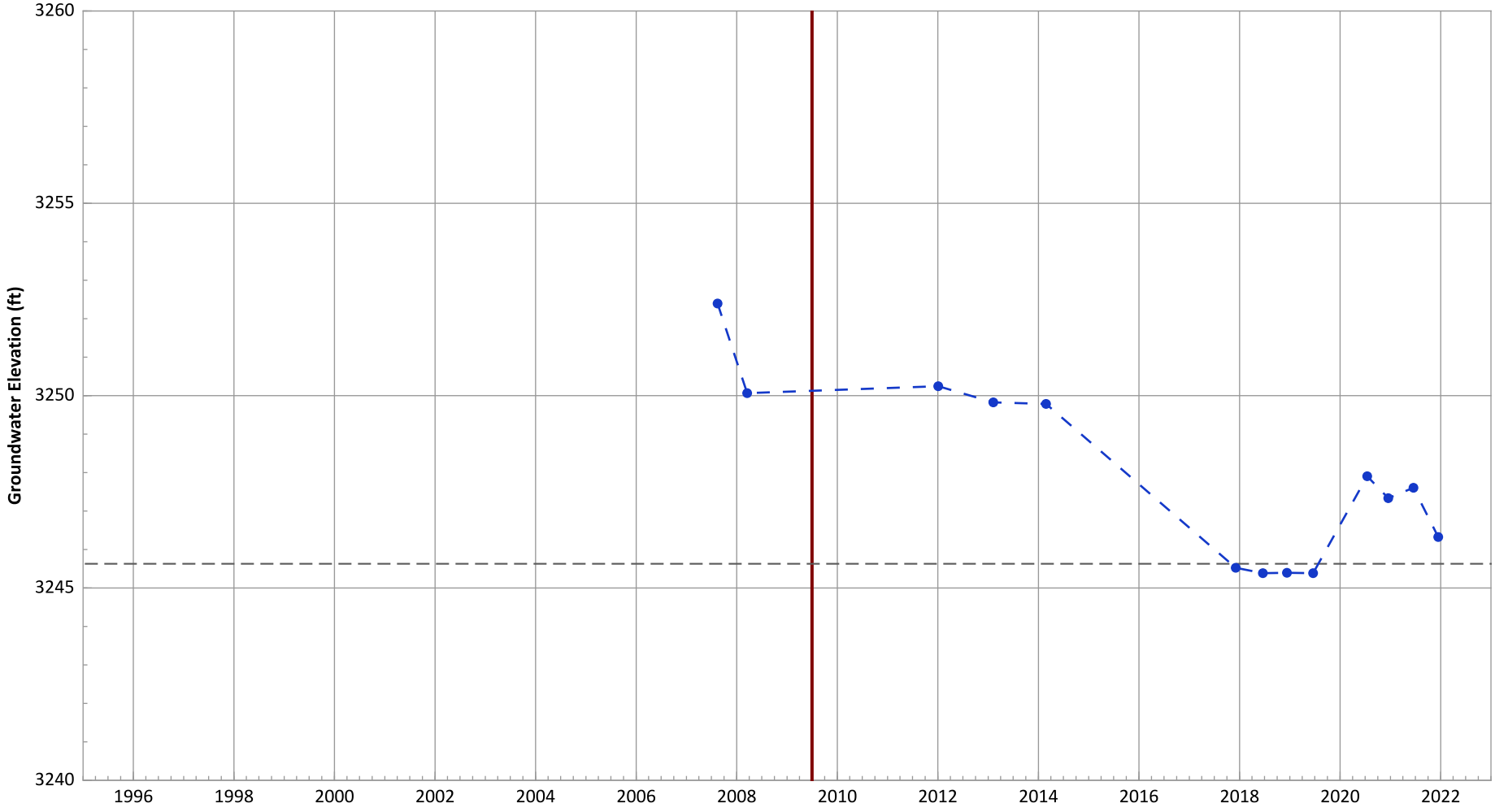
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.18 ft/yr

PTX06-ISB011 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

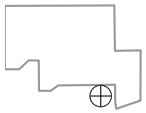


Notes:
1. Top of screen elevation is 3255.63 ft msl.
2. The bottom of screen elevation is 3245.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

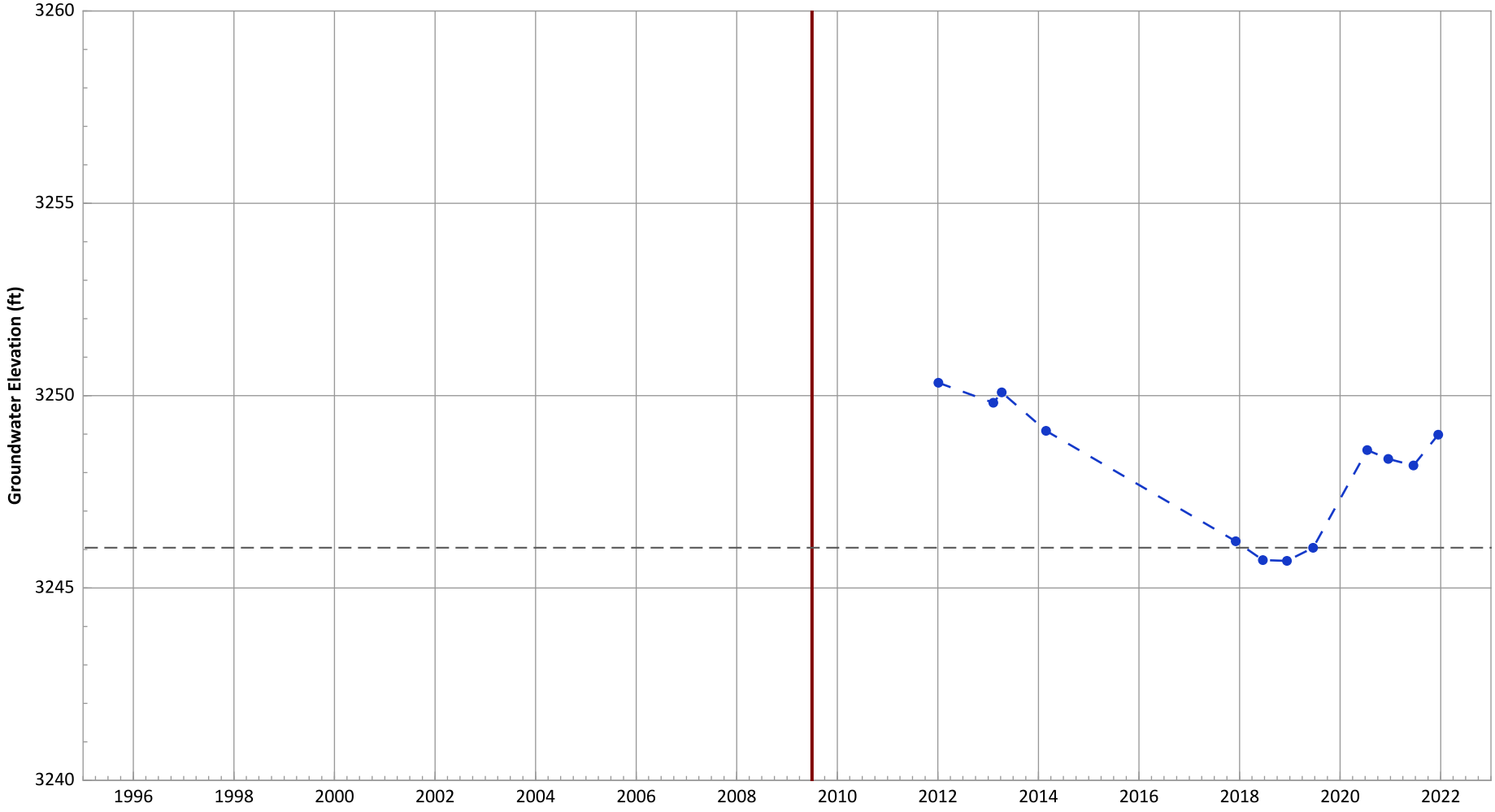
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.94 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.38 ft/yr

PTX06-ISB012 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

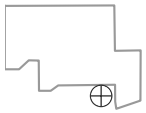


Notes:
1. Top of screen elevation is 3256.05 ft msl.
2. The bottom of screen elevation is 3246.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

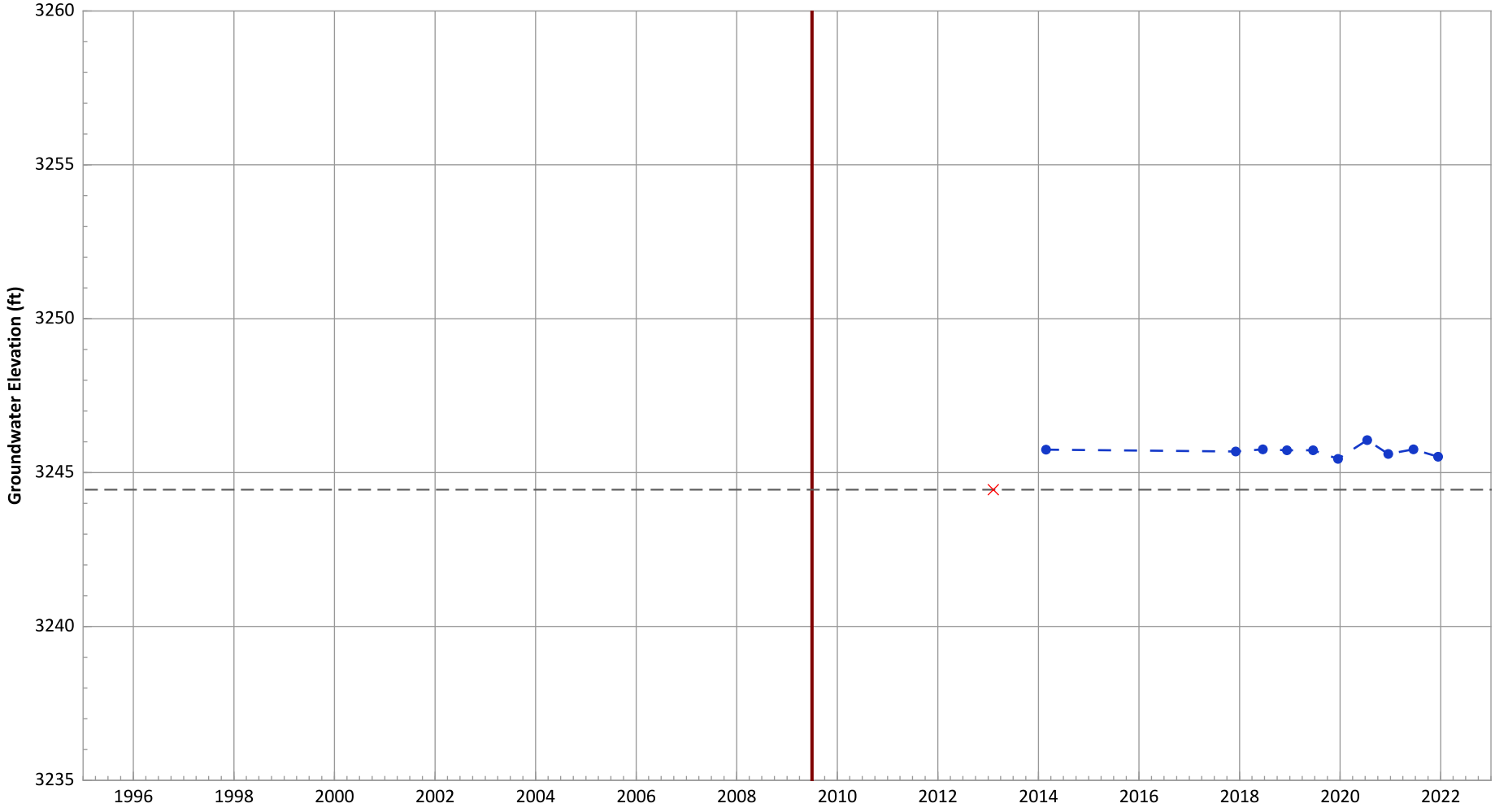
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX06-ISB013 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

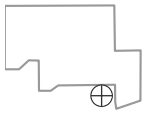


Notes:
1. Top of screen elevation is 3254.44 ft msl.
2. The bottom of screen elevation is 3244.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

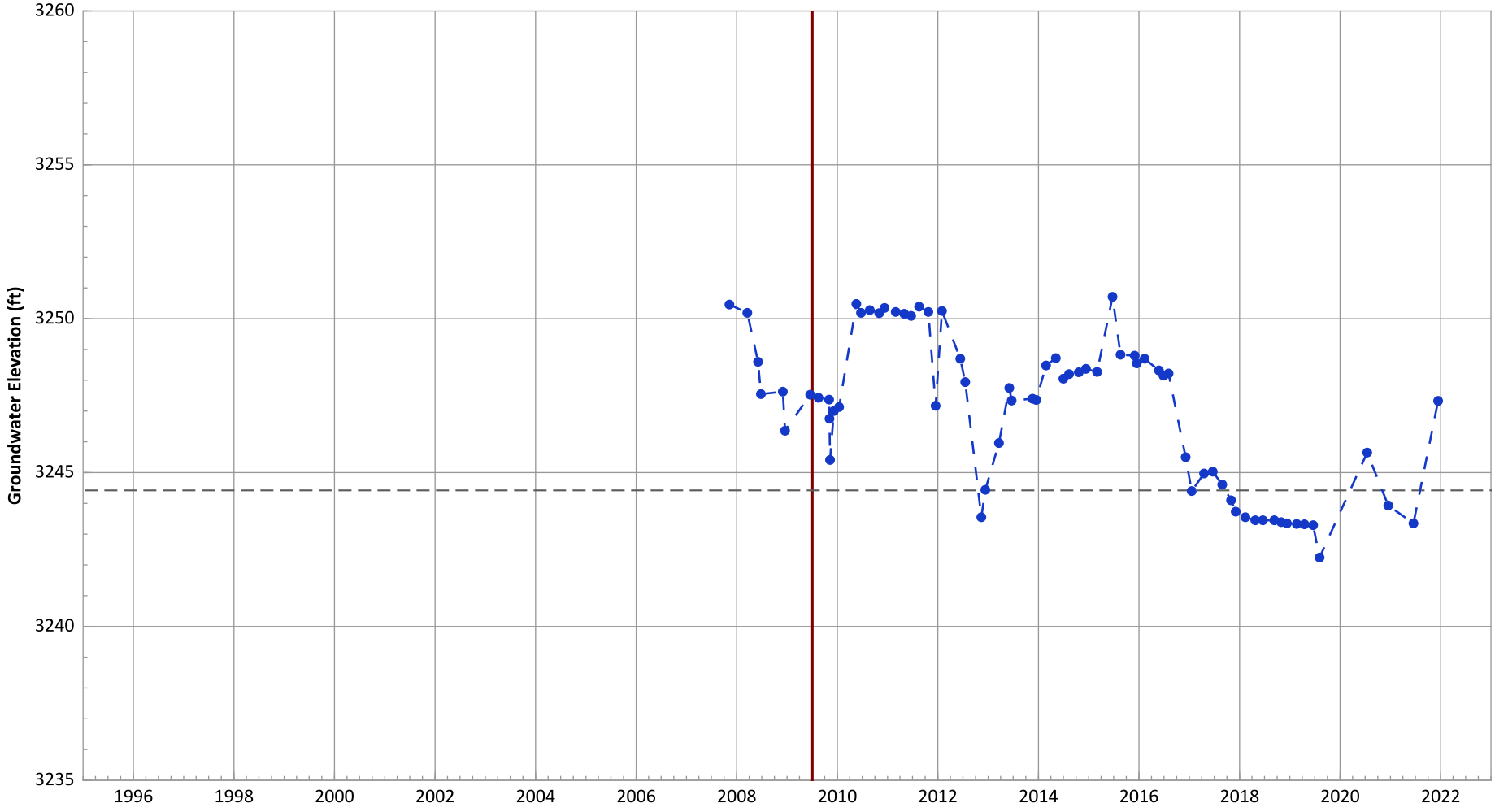
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.3 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

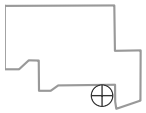


Notes:
1. Top of screen elevation is 3254.42 ft msl.
2. The bottom of screen elevation is 3244.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

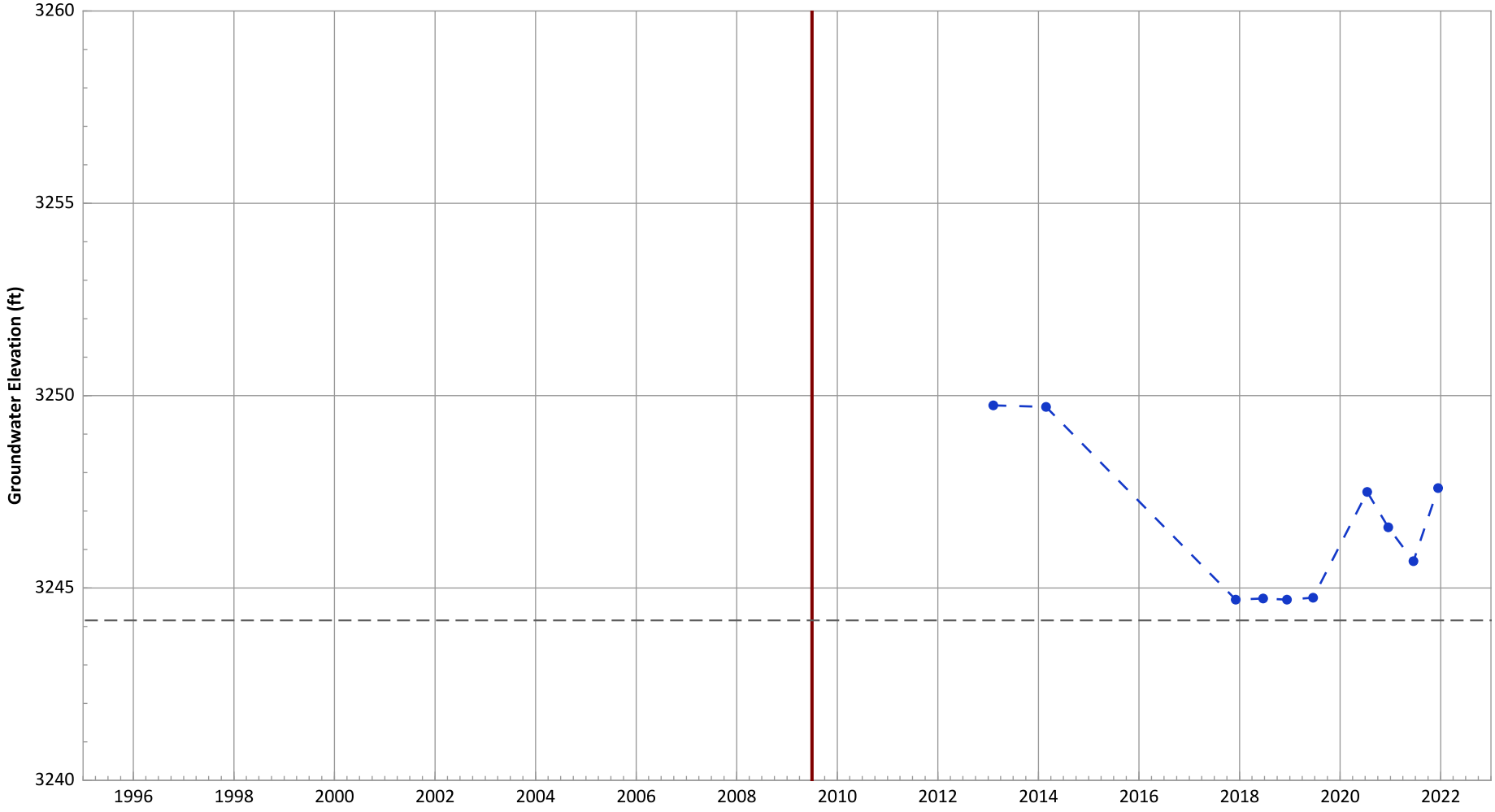
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.02 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.48 ft/yr

PTX06-ISB015 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

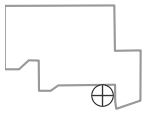


Notes:
1. Top of screen elevation is 3254.16 ft msl.
2. The bottom of screen elevation is 3244.16 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

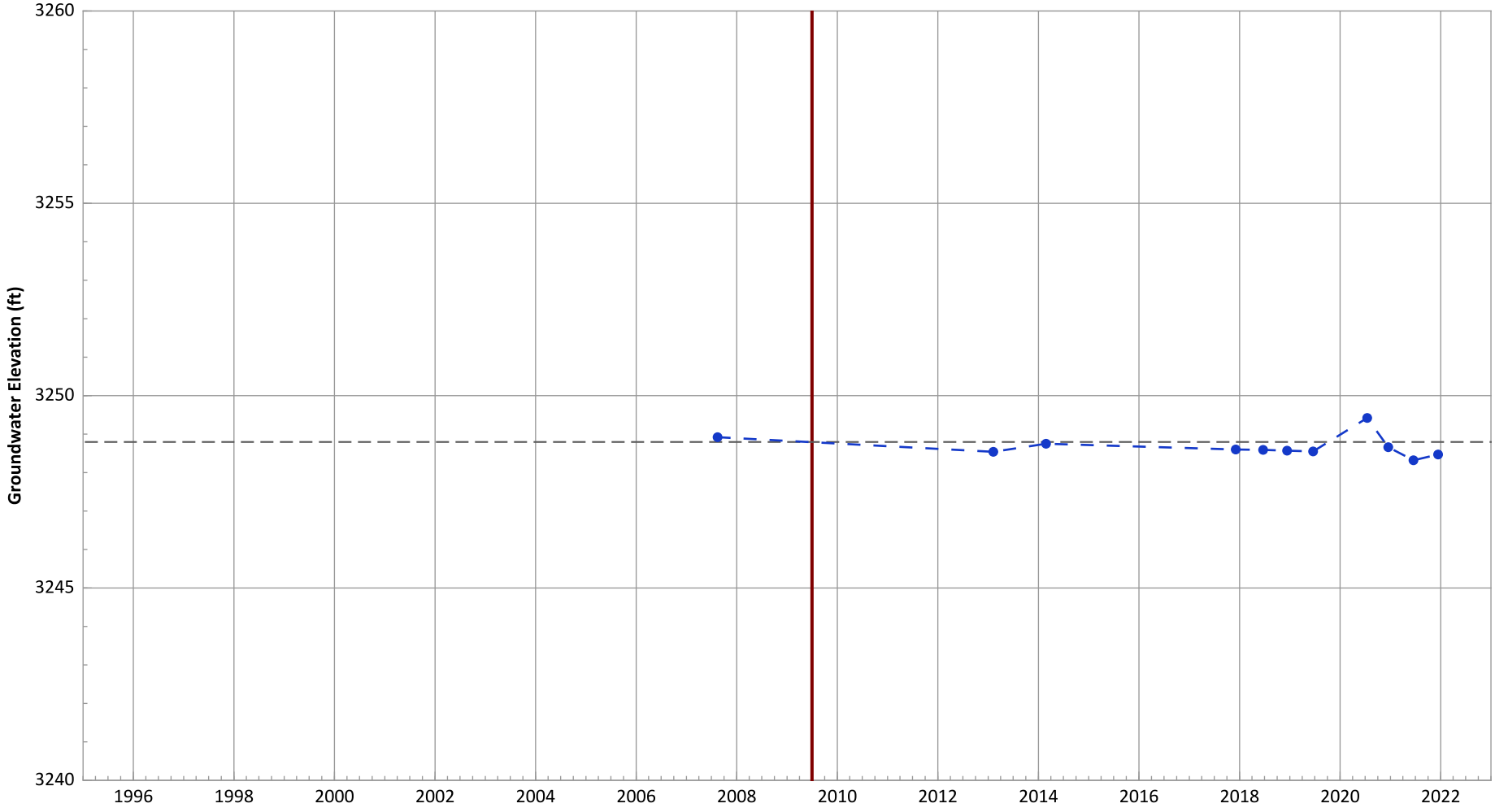
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.37 ft/yr

PTX06-ISB016 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

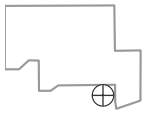


Notes:
1. Top of screen elevation is 3258.8 ft msl.
2. The bottom of screen elevation is 3248.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.66 ft/yr
Data (7/2009 - 1/2022): No Trend

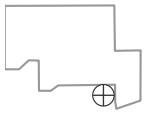
PTX06-ISB017 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3256.8 ft msl.
2. The bottom of screen elevation is 3246.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

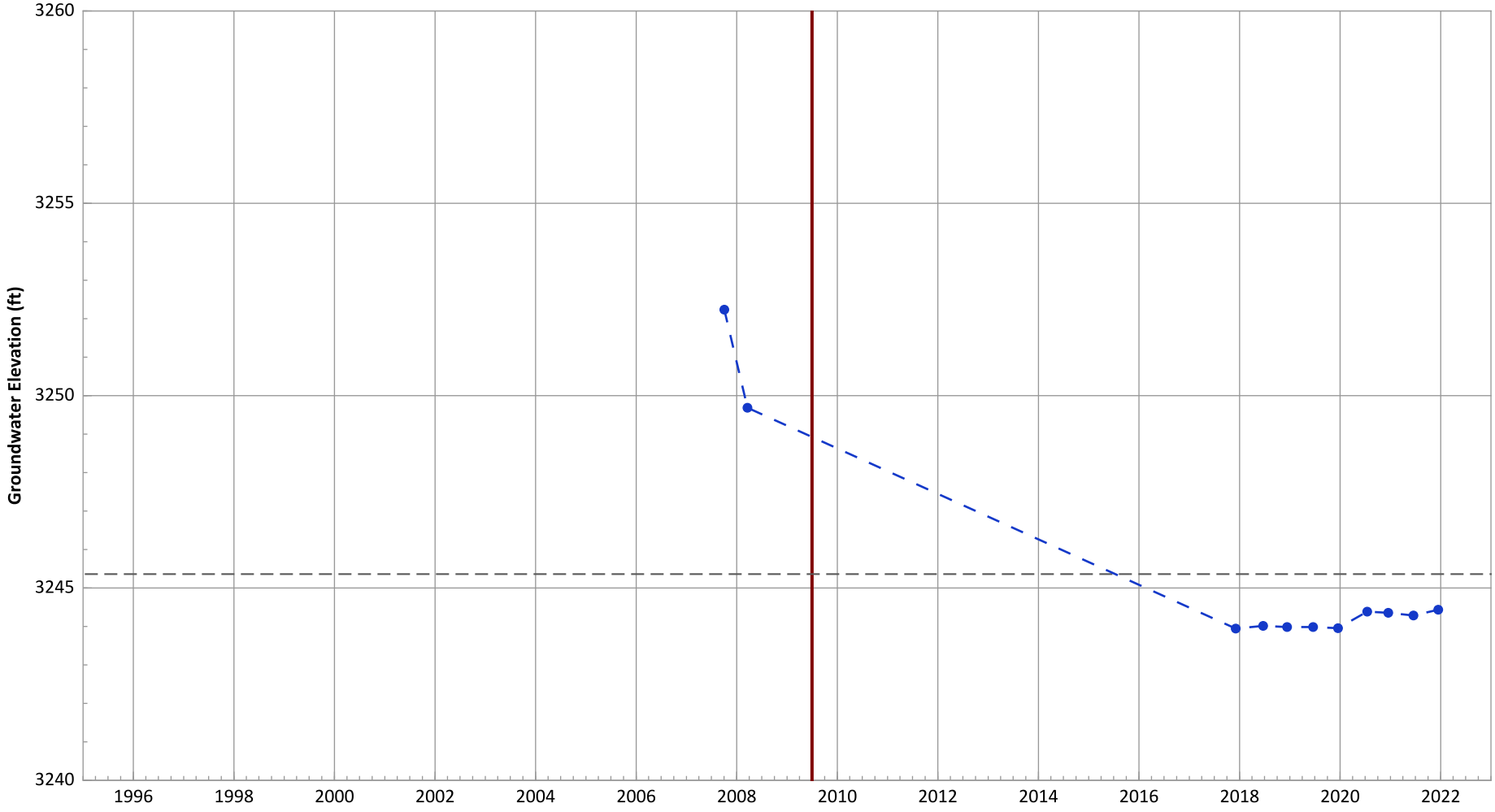
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.96 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.96 ft/yr

PTX06-ISB018 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

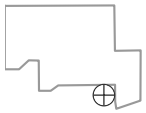


Notes:
1. Top of screen elevation is 3255.36 ft msl.
2. The bottom of screen elevation is 3245.36 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

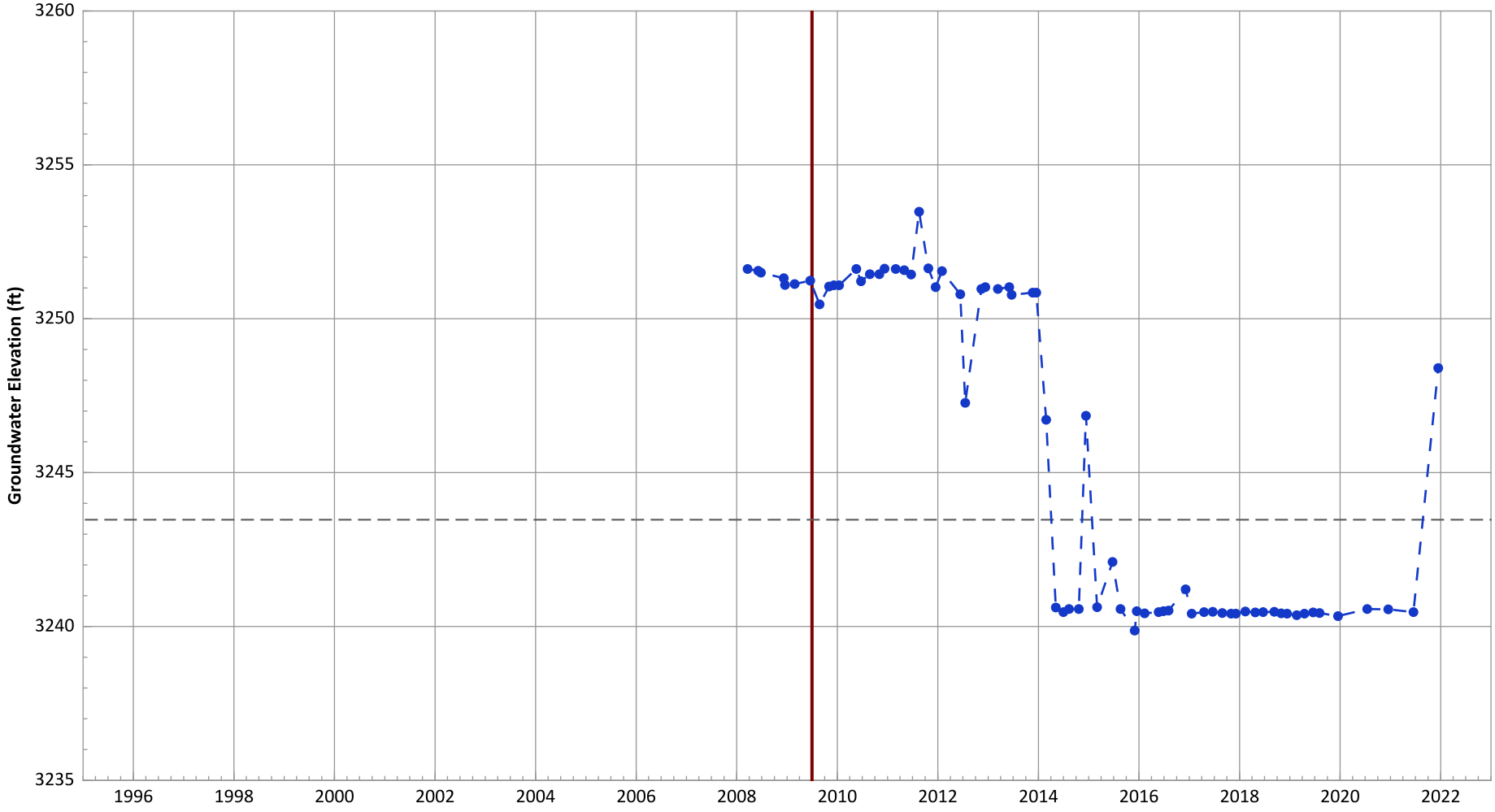
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.13 ft/yr

PTX06-ISB019 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

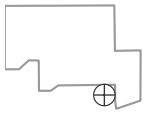


Notes:
1. Top of screen elevation is 3253.47 ft msl.
2. The bottom of screen elevation is 3243.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 5.02 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.25 ft/yr

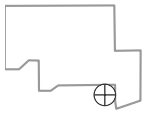
PTX06-ISB020 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3255.46 ft msl.
2. The bottom of screen elevation is 3245.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

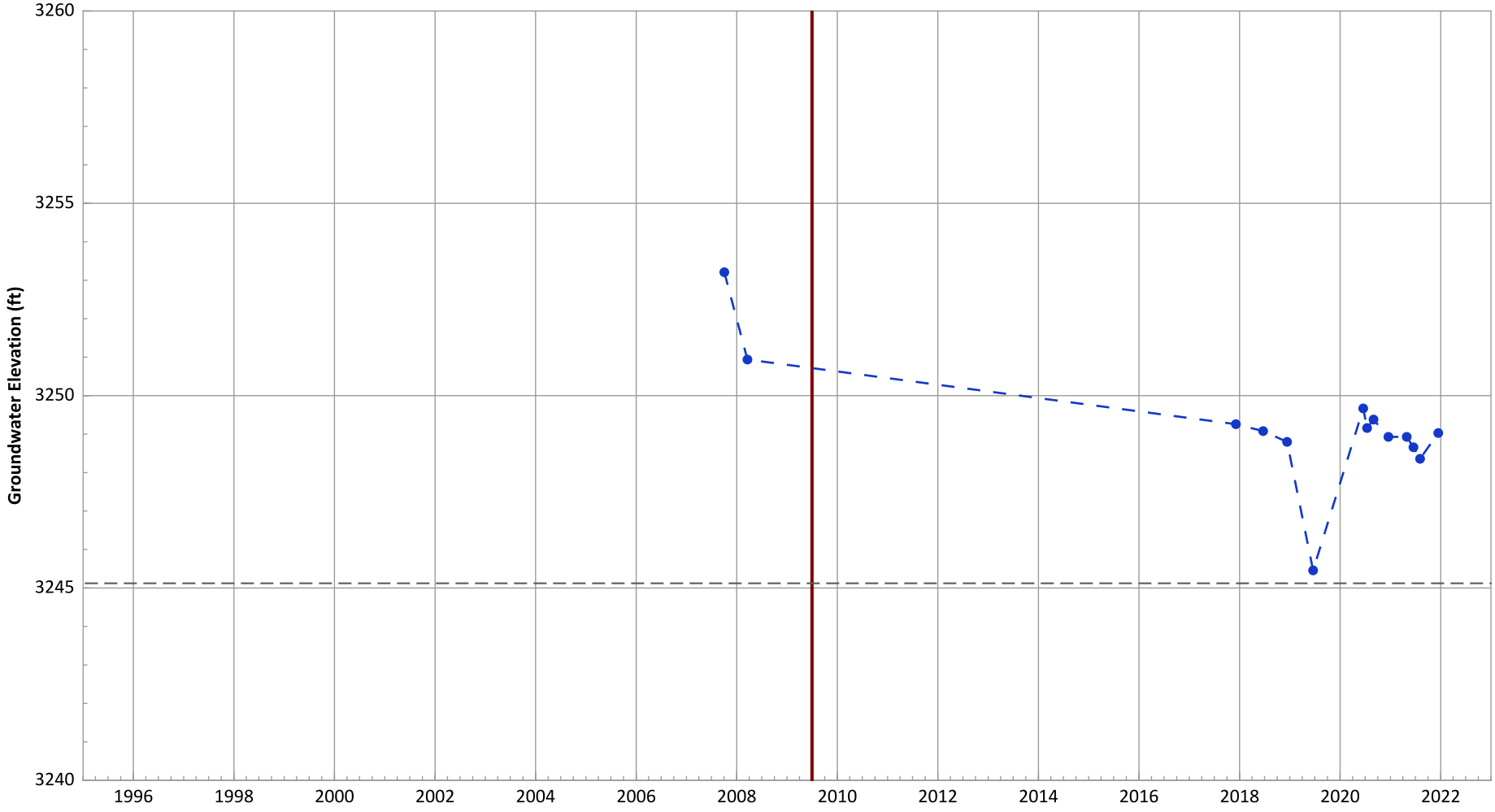
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.47 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.74 ft/yr

PTX06-ISB021 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

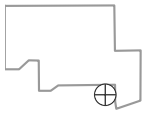


Notes:
1. Top of screen elevation is 3255.12 ft msl.
2. The bottom of screen elevation is 3245.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.53 ft/yr
Data (7/2009 - 1/2022): No Trend

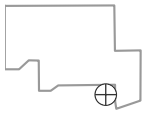
PTX06-ISB022 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3255.78 ft msl.
2. The bottom of screen elevation is 3245.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 1.96 ft/yr

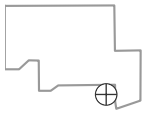
PTX06-ISB023A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3254.17 ft msl.
2. The bottom of screen elevation is 3244.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

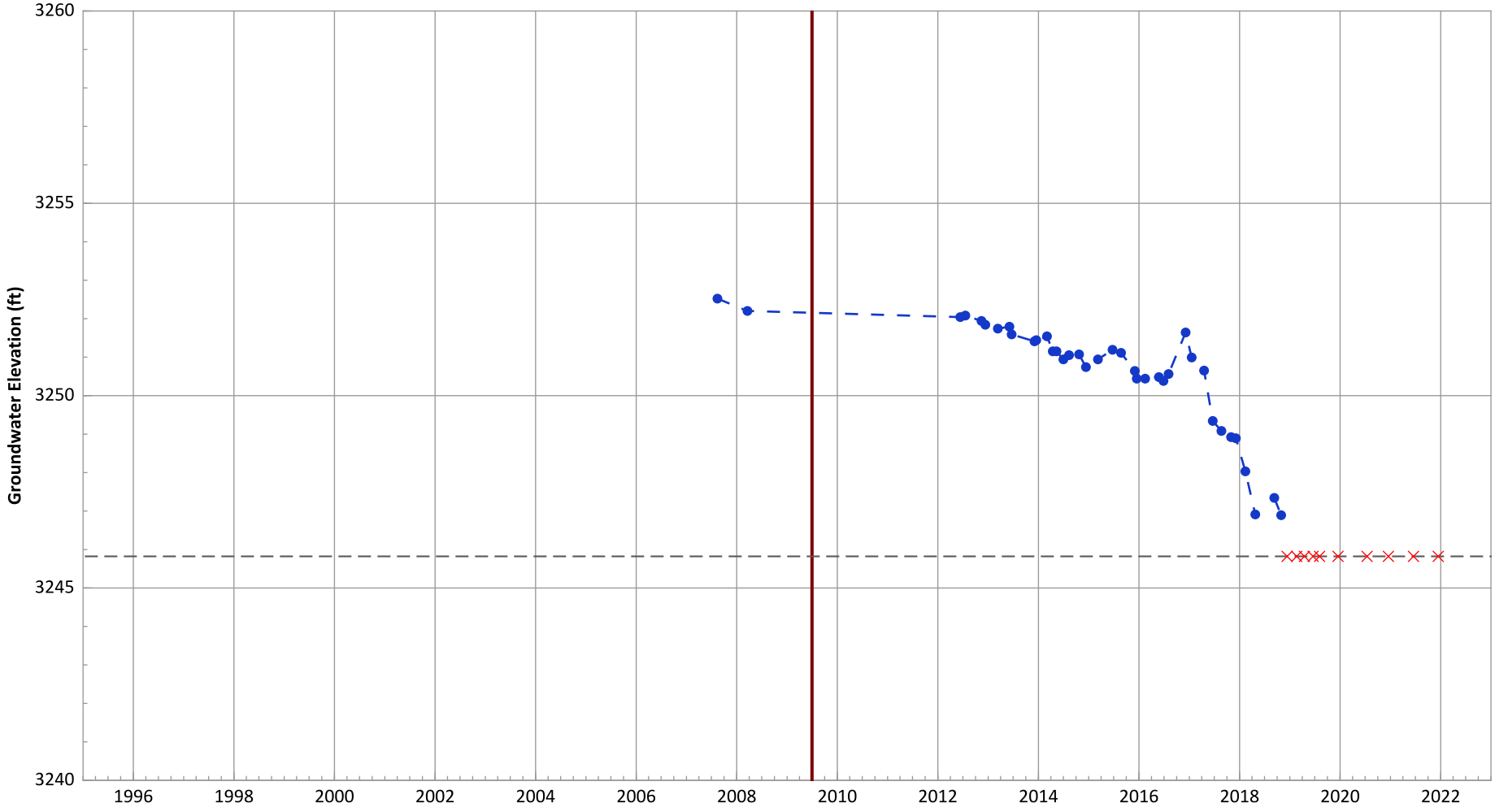
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.46 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB024 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

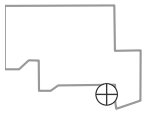


Notes:
1. Top of screen elevation is 3255.82 ft msl.
2. The bottom of screen elevation is 3245.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

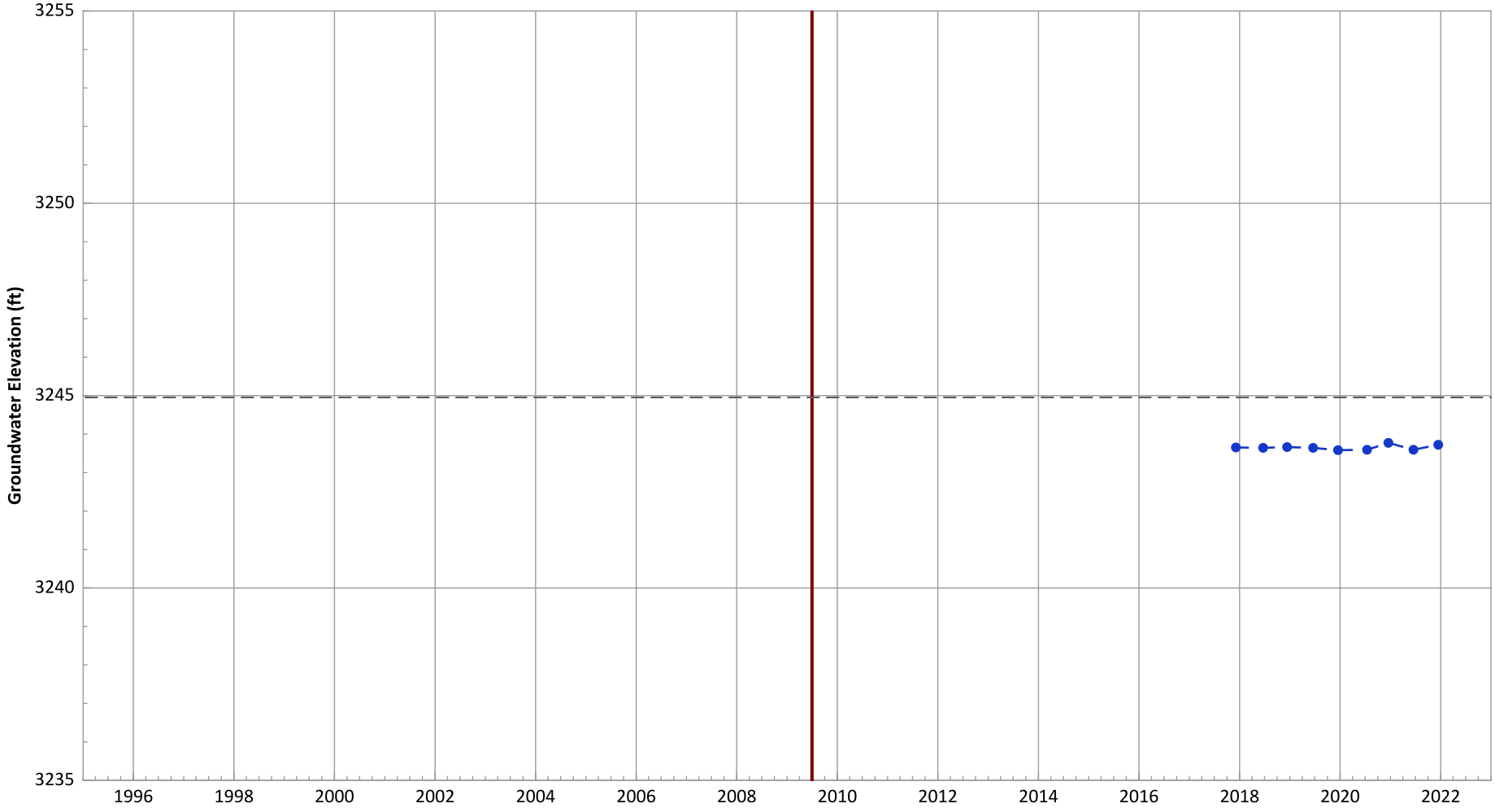
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 0.65 ft/yr

PTX06-ISB025 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

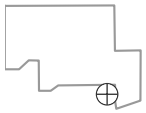


Notes:
1. Top of screen elevation is 3254.95 ft msl.
2. The bottom of screen elevation is 3244.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

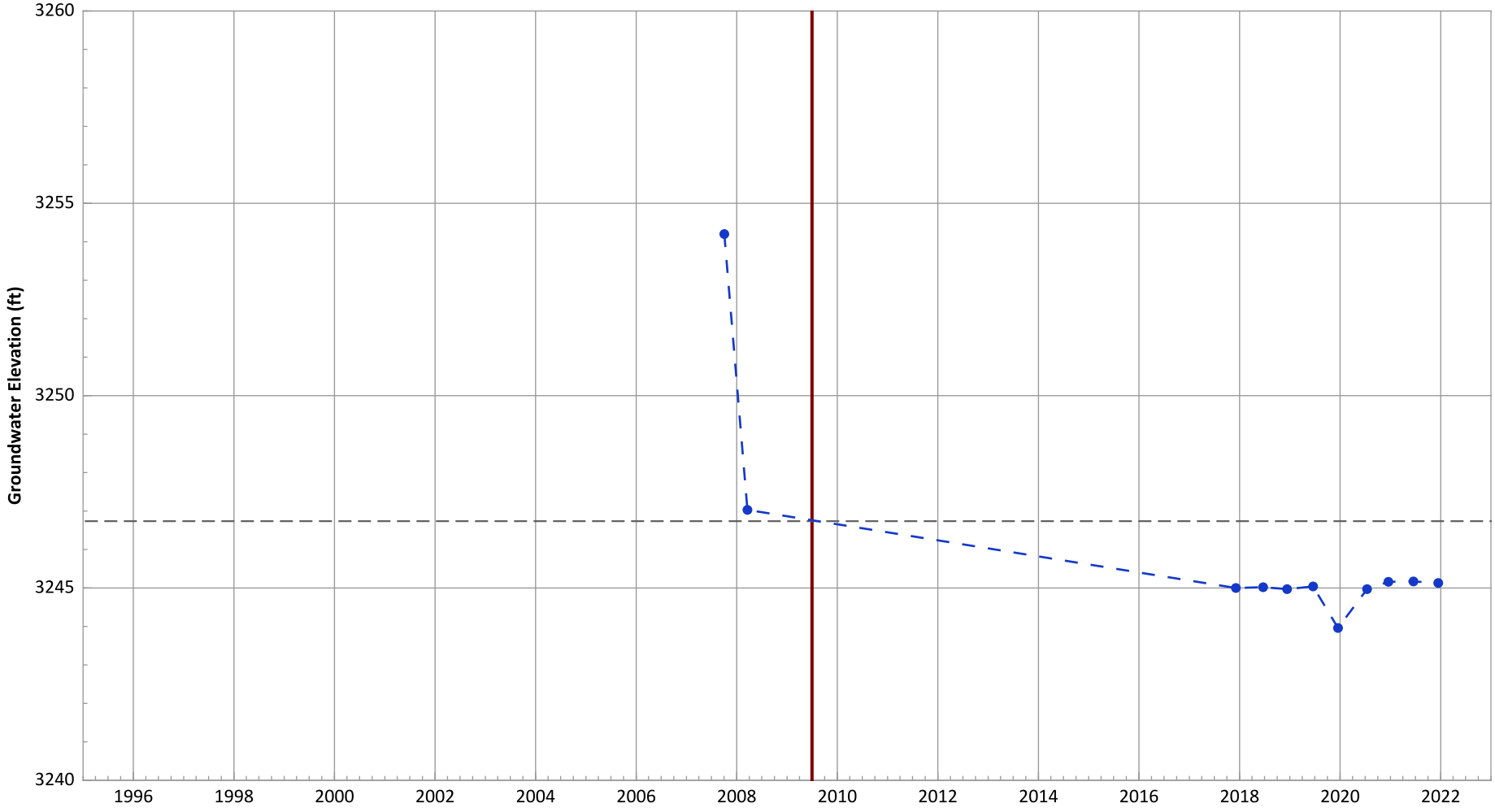
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-ISB026 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

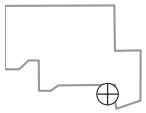


Notes:
1. Top of screen elevation is 3256.74 ft msl.
2. The bottom of screen elevation is 3246.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

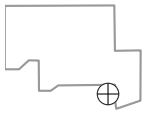
PTX06-ISB027 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3258.54 ft msl.
2. The bottom of screen elevation is 3248.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

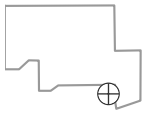
PTX06-ISB028 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3258.63 ft msl.
2. The bottom of screen elevation is 3248.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

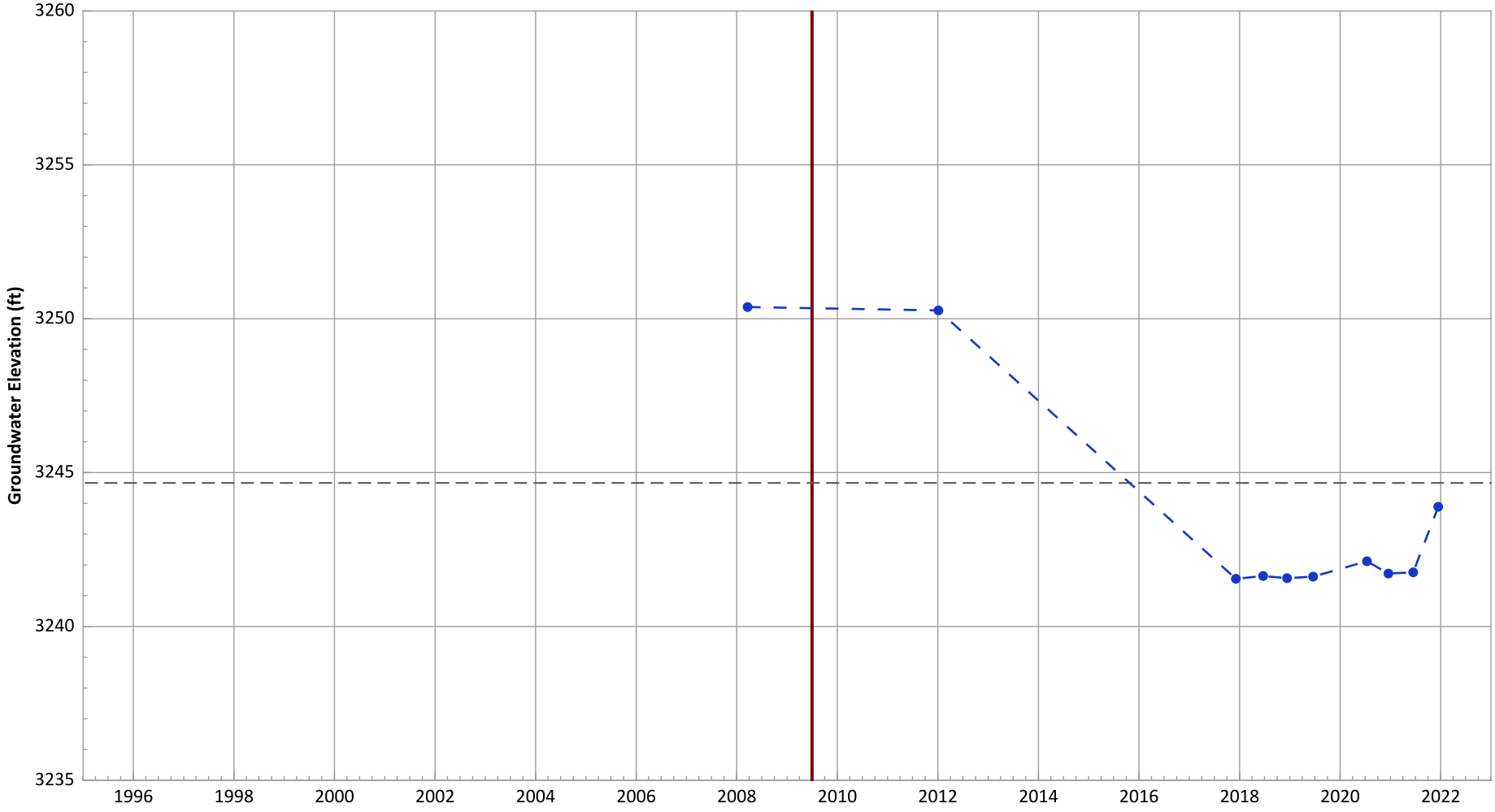
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB029A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

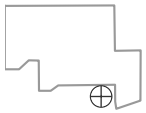


Notes:
1. Top of screen elevation is 3254.66 ft msl.
2. The bottom of screen elevation is 3244.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

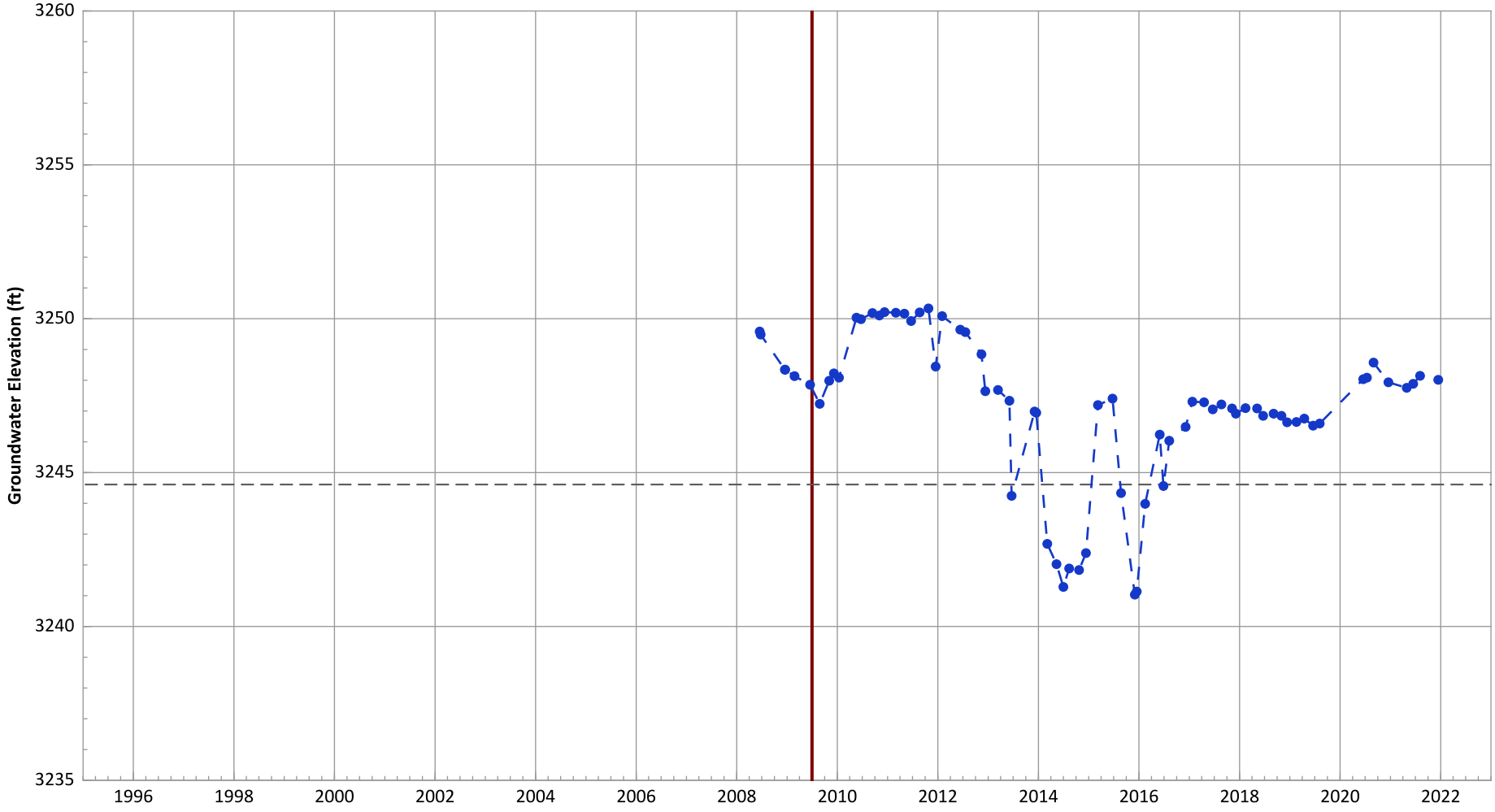
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.16 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.75 ft/yr

PTX06-ISB030B Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

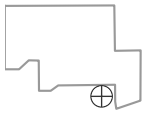


Notes:
1. Top of screen elevation is 3254.61 ft msl.
2. The bottom of screen elevation is 3244.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

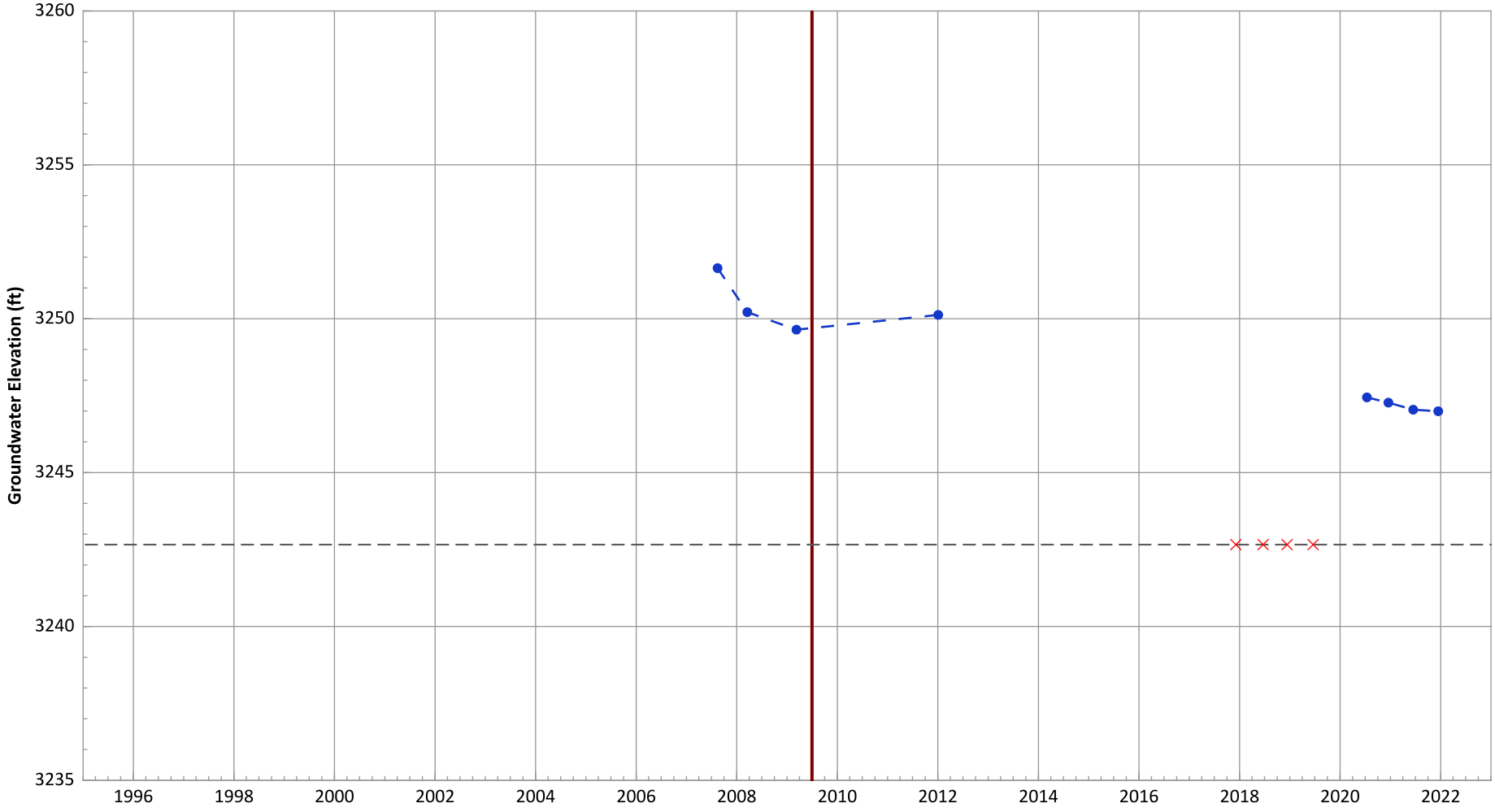
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.17 ft/yr

PTX06-ISB031 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

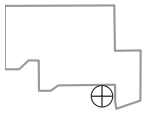


Notes:
1. Top of screen elevation is 3257.66 ft msl.
2. The bottom of screen elevation is 3242.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

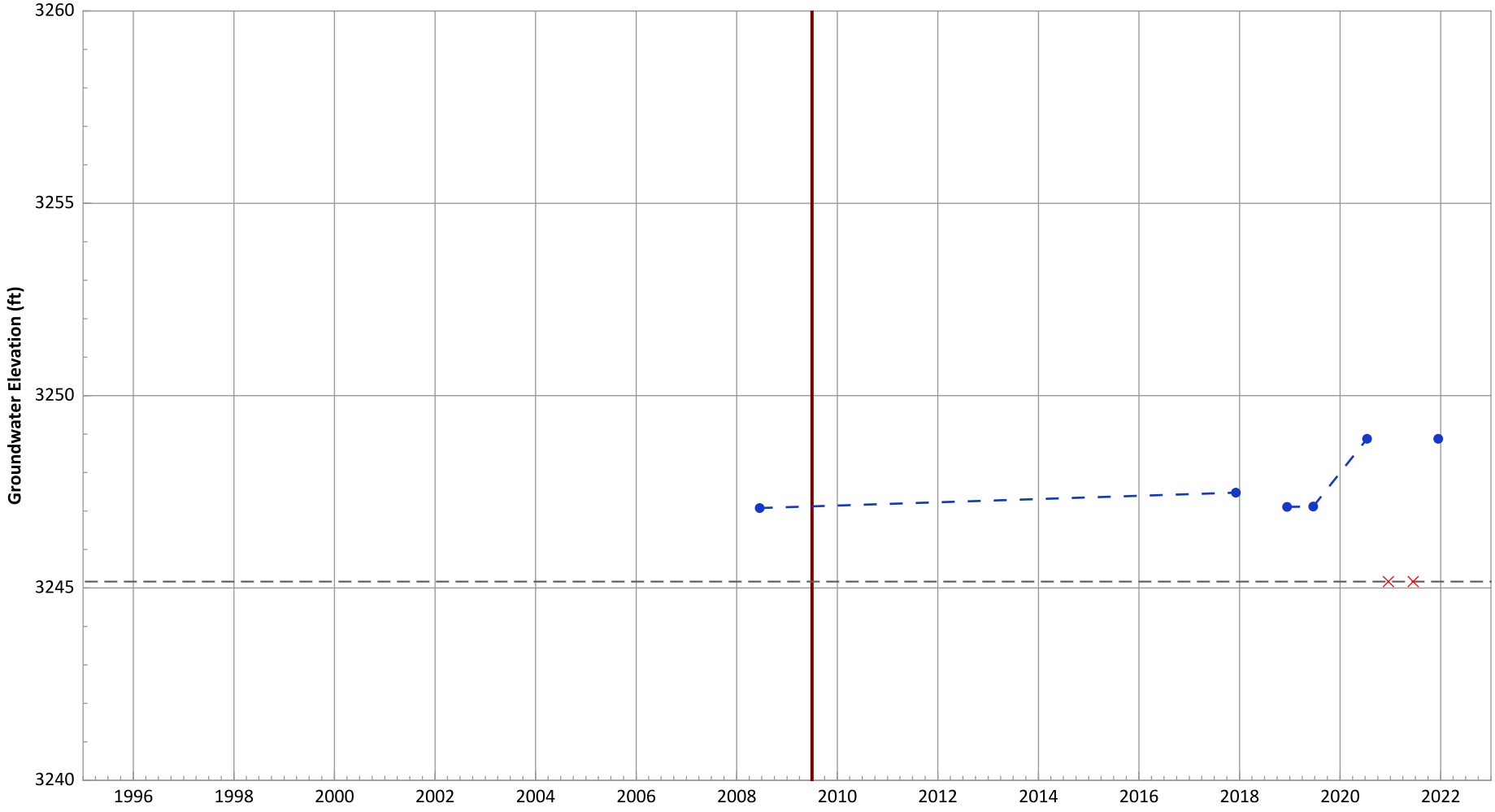
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.33 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.32 ft/yr

PTX06-ISB032 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

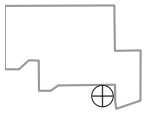


Notes:
1. Top of screen elevation is 3255.17 ft msl.
2. The bottom of screen elevation is 3245.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.48 ft/yr

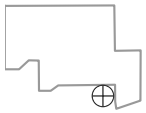
PTX06-ISB033 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3255.76 ft msl.
2. The bottom of screen elevation is 3245.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

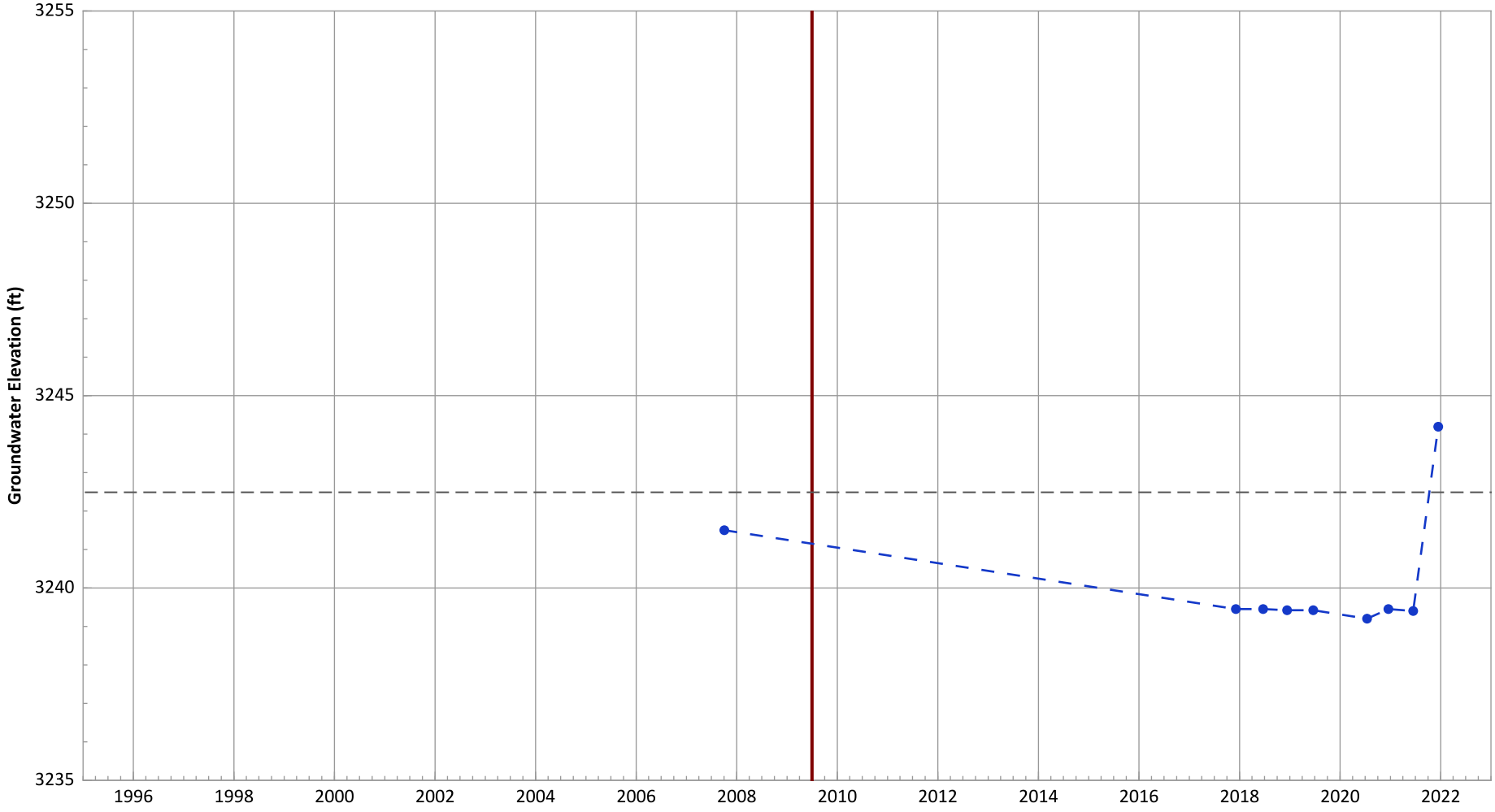
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB034 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

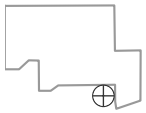


Notes:
1. Top of screen elevation is 3252.49 ft msl.
2. The bottom of screen elevation is 3242.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

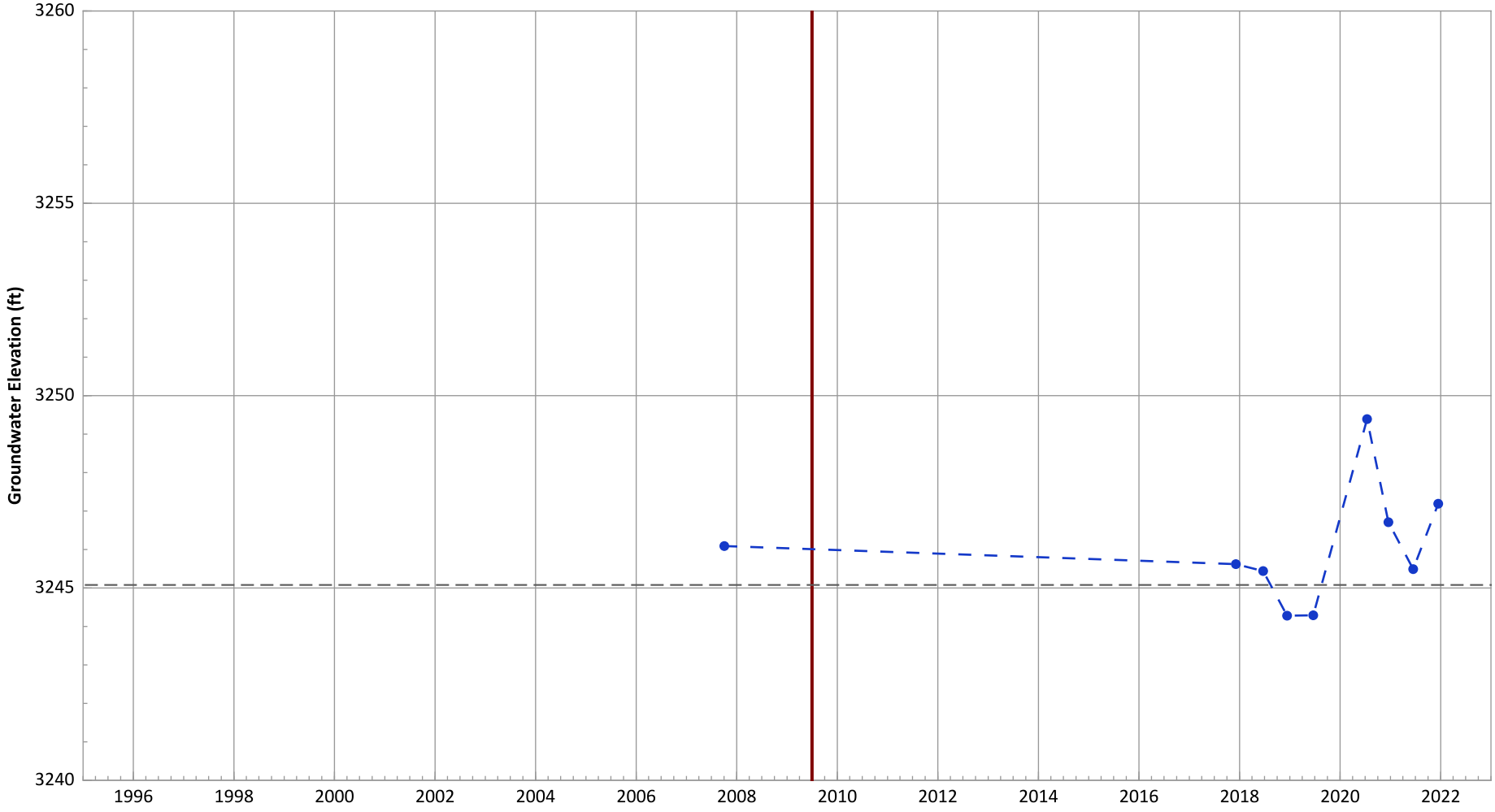
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 3.2 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.61 ft/yr

PTX06-ISB035 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

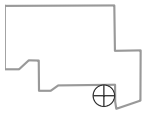


Notes:
1. Top of screen elevation is 3255.08 ft msl.
2. The bottom of screen elevation is 3245.08 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

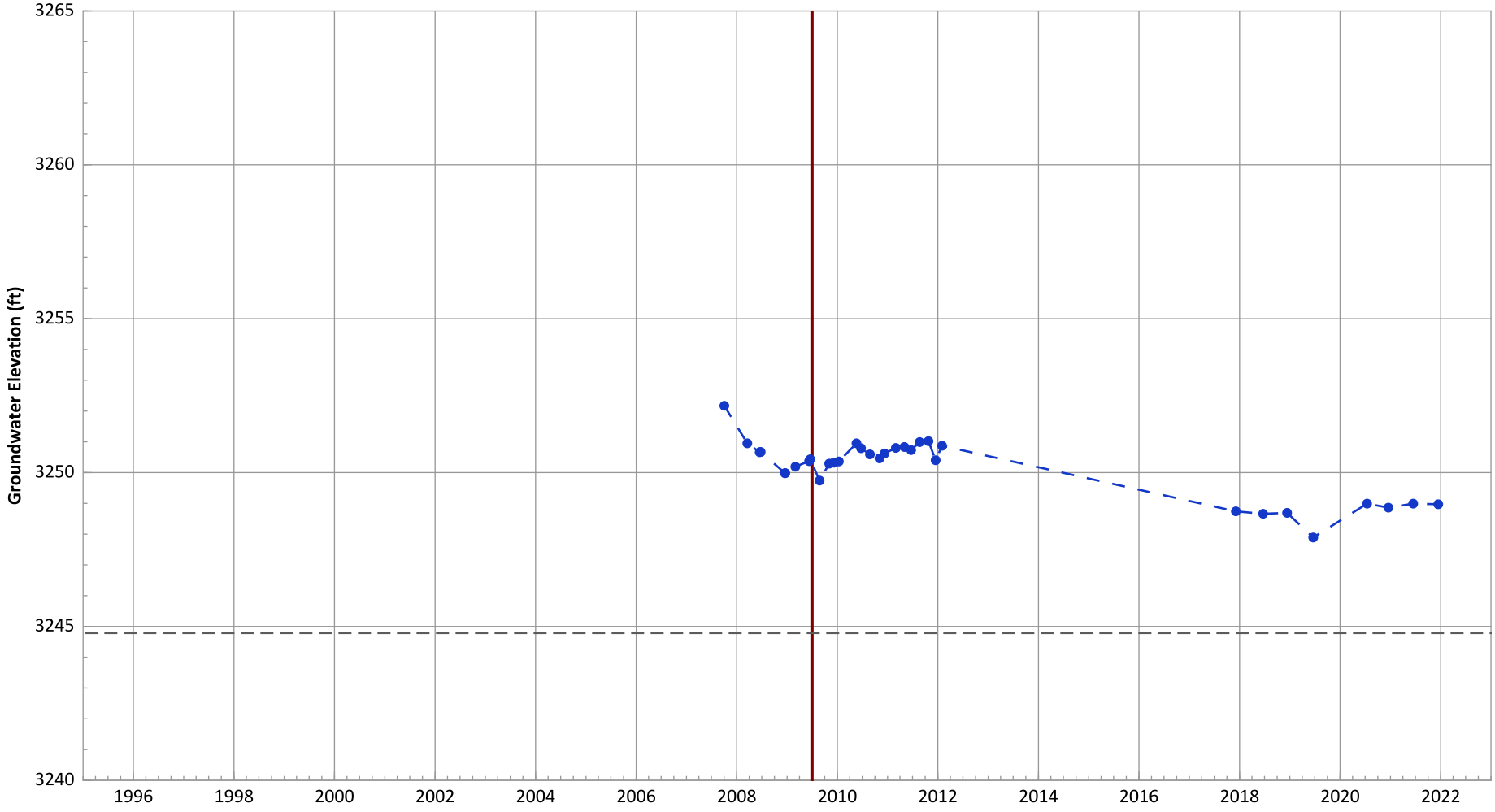
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.58 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.56 ft/yr

PTX06-ISB036 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

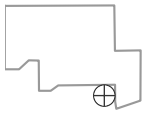


Notes:
1. Top of screen elevation is 3254.78 ft msl.
2. The bottom of screen elevation is 3244.78 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

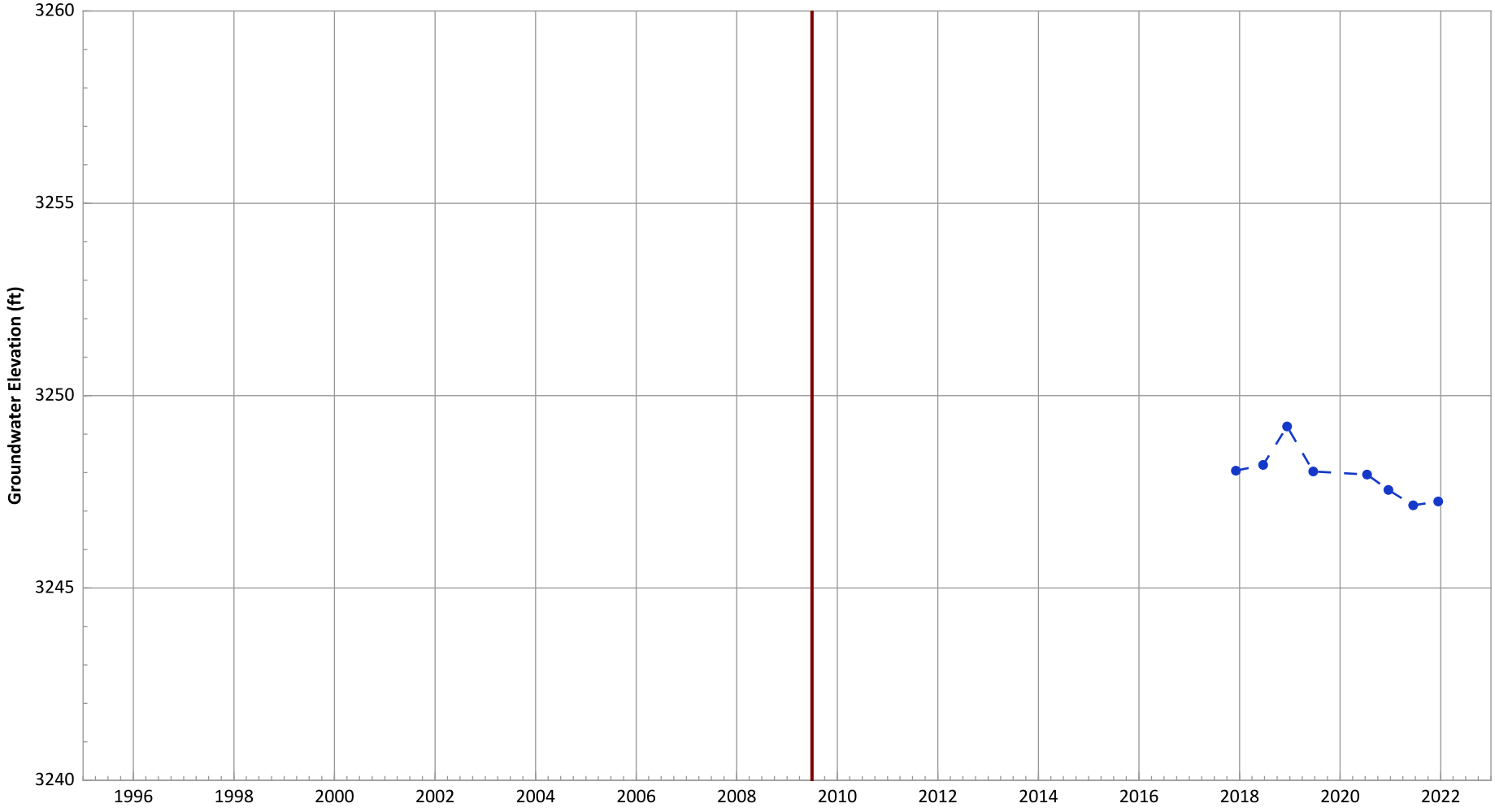
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.19 ft/yr

PTX06-ISB037 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

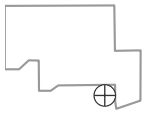


Notes:
1. Top of screen elevation is 3249.54 ft msl.
2. The bottom of screen elevation is 3239.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

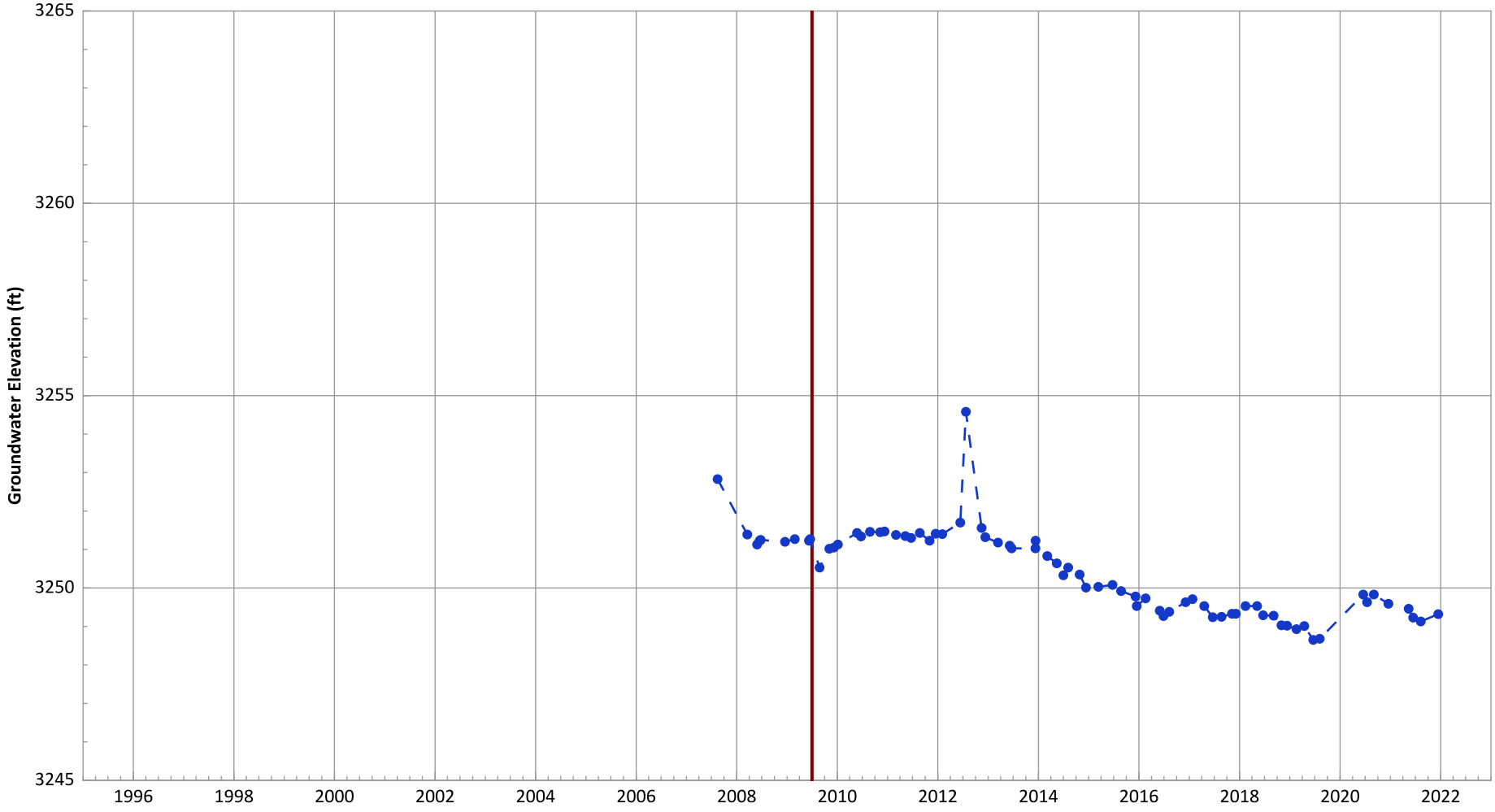
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.52 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.32 ft/yr

PTX06-ISB038 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

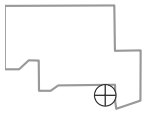


Notes:
1. Top of screen elevation is 3251.76 ft msl.
2. The bottom of screen elevation is 3241.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.42 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.24 ft/yr

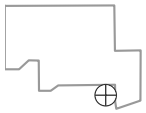
PTX06-ISB039 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3255.75 ft msl.
2. The bottom of screen elevation is 3245.75 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

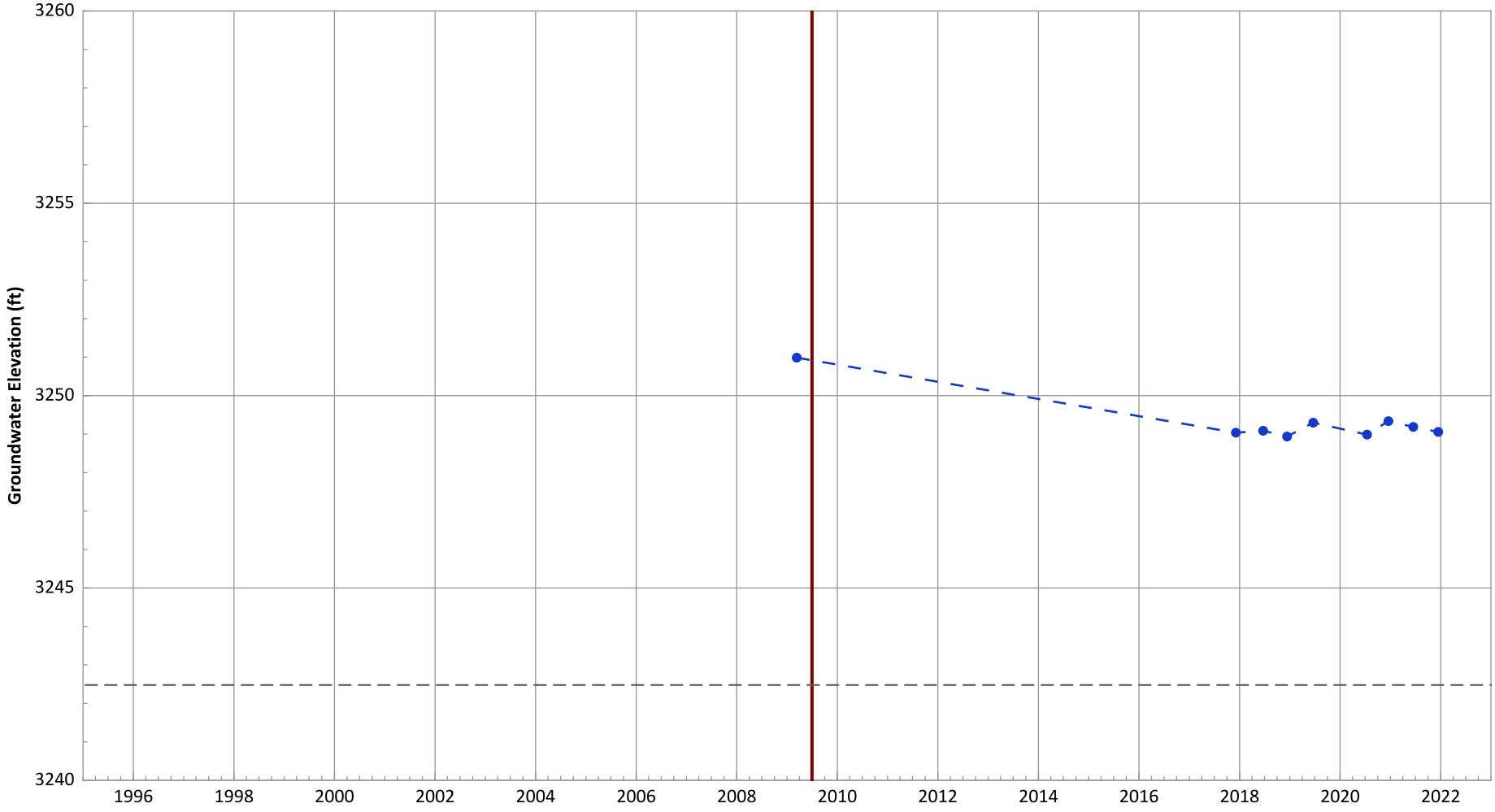
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.31 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB040 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

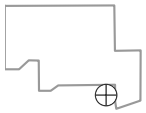


Notes:
1. Top of screen elevation is 3252.48 ft msl.
2. The bottom of screen elevation is 3242.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

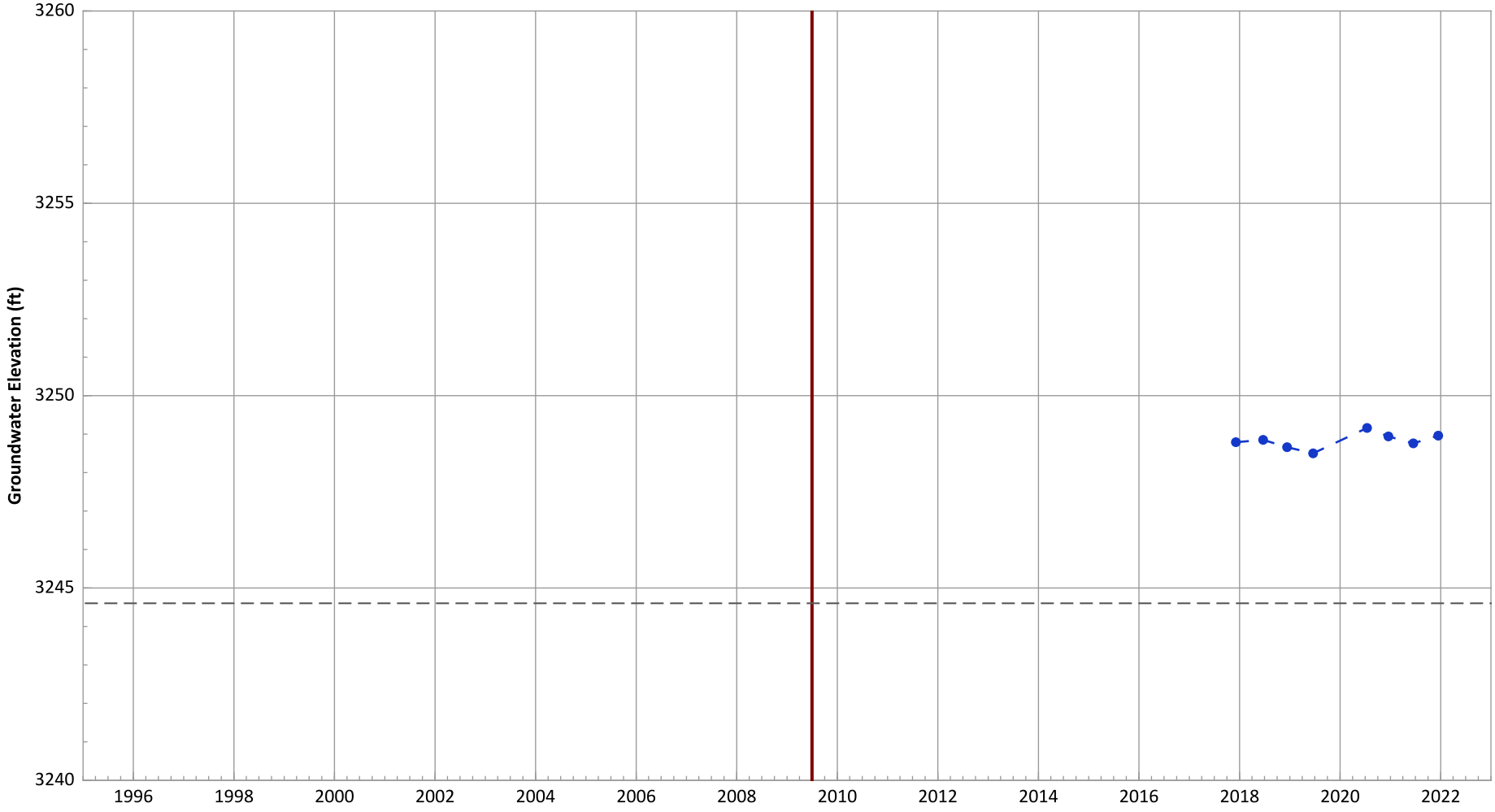
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-ISB041 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

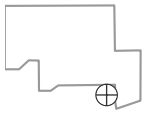


Notes:
1. Top of screen elevation is 3254.6 ft msl.
2. The bottom of screen elevation is 3244.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

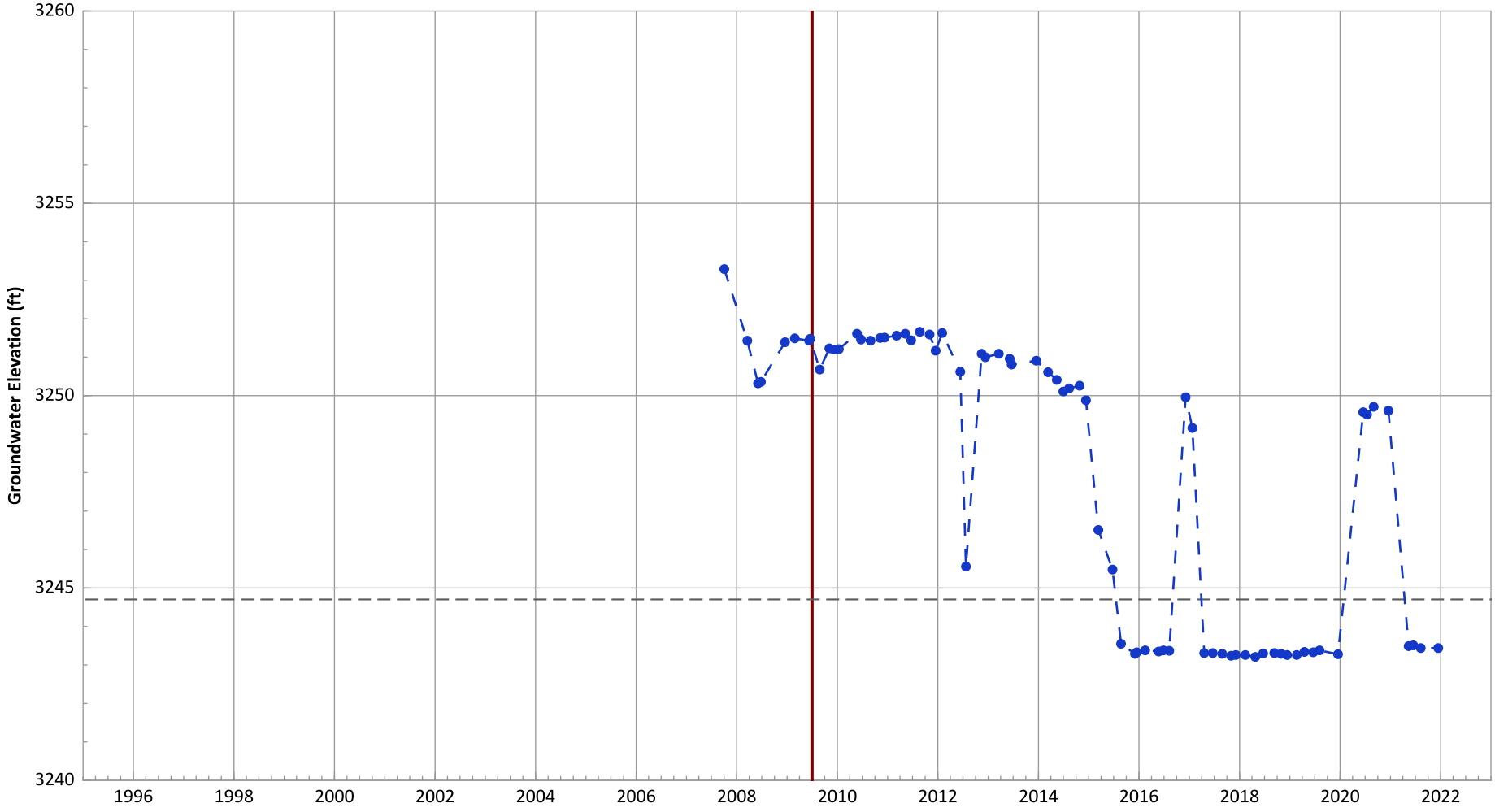
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB042 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

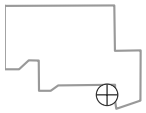


Notes:
1. Top of screen elevation is 3254.7 ft msl.
2. The bottom of screen elevation is 3244.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 5.46 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.76 ft/yr

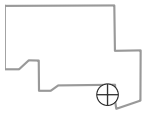
PTX06-ISB043 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3254.65 ft msl.
2. The bottom of screen elevation is 3244.65 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

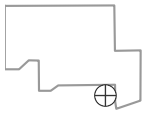
PTX06-ISB044A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3251.85 ft msl.
2. The bottom of screen elevation is 3241.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

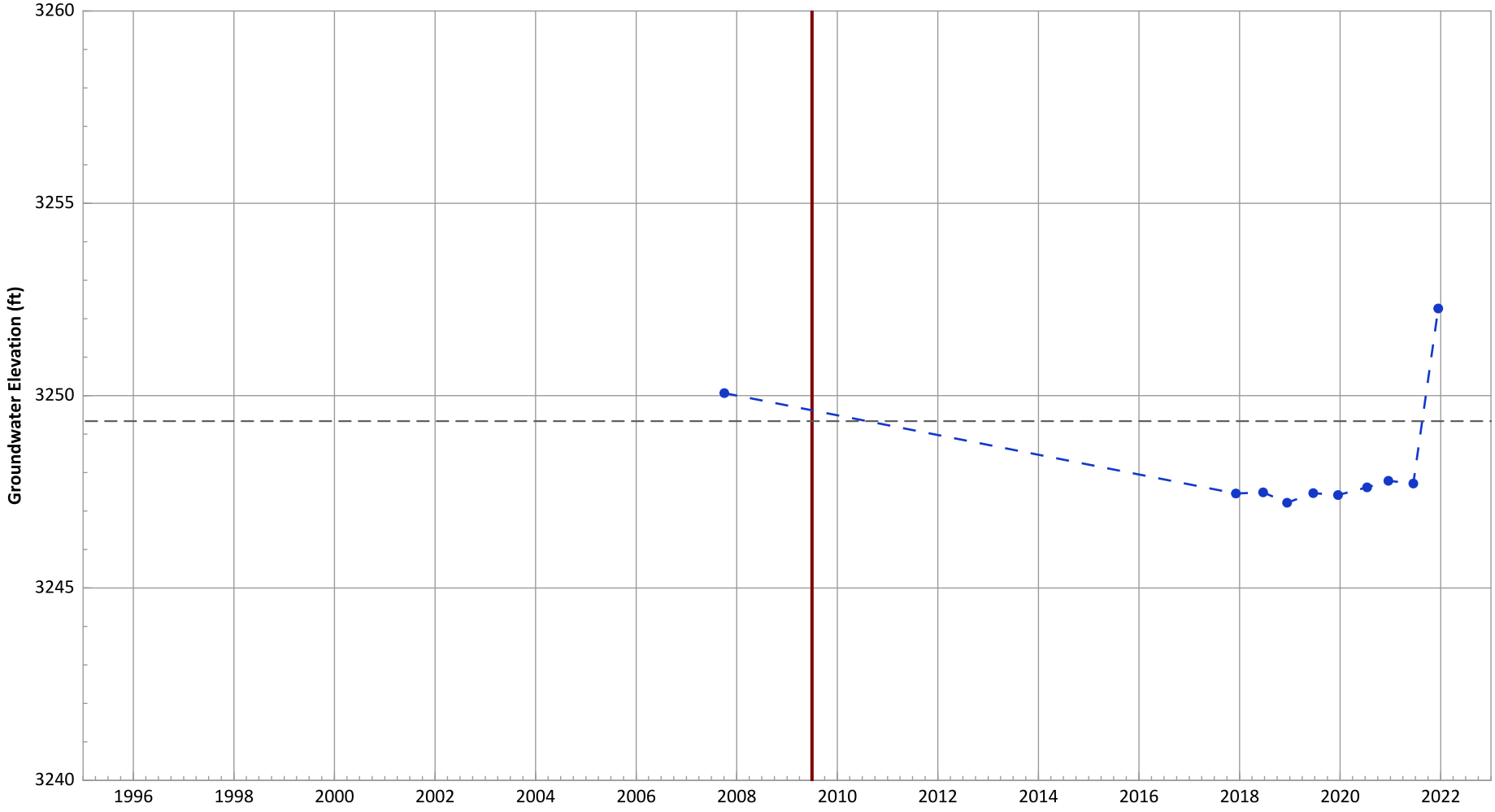
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.29 ft/yr

PTX06-ISB045 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

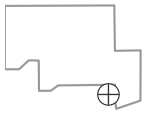


Notes:
1. Top of screen elevation is 3259.34 ft msl.
2. The bottom of screen elevation is 3249.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

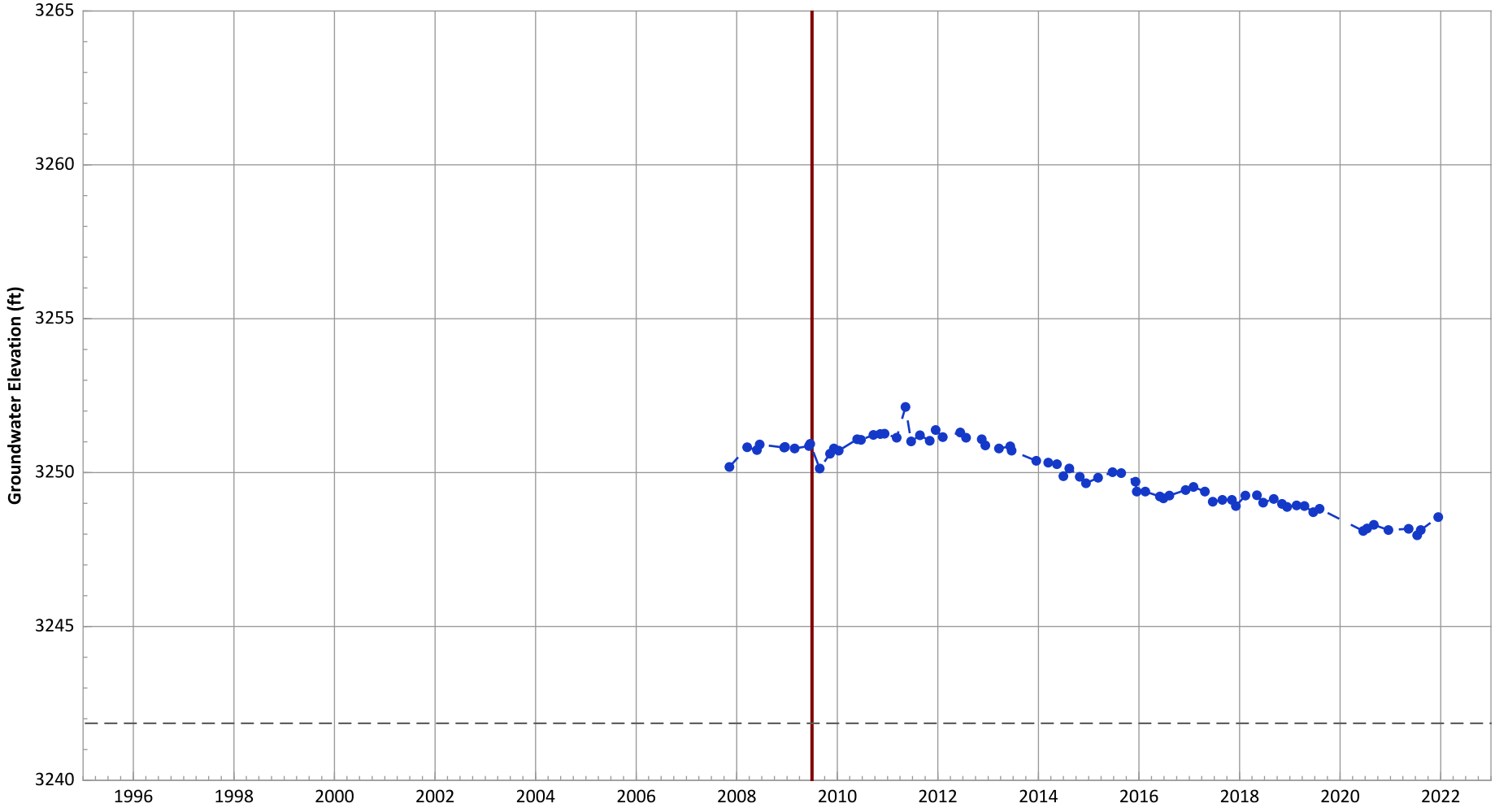
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 2.97 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.7 ft/yr

PTX06-ISB046 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

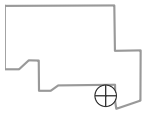


Notes:
1. Top of screen elevation is 3251.85 ft msl.
2. The bottom of screen elevation is 3241.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

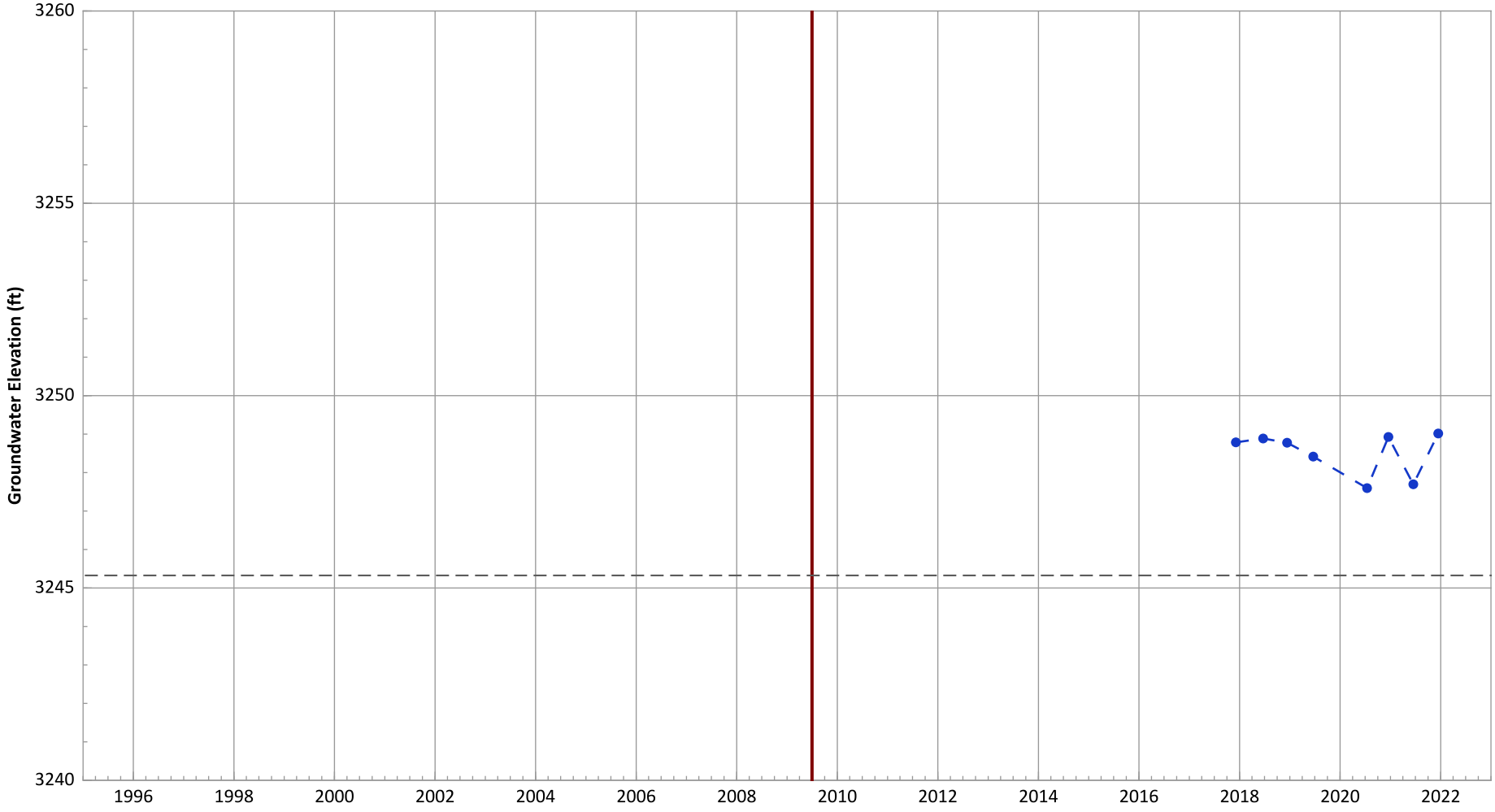
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.28 ft/yr

PTX06-ISB047 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

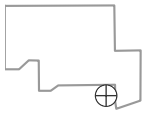


Notes:
1. Top of screen elevation is 3255.33 ft msl.
2. The bottom of screen elevation is 3245.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

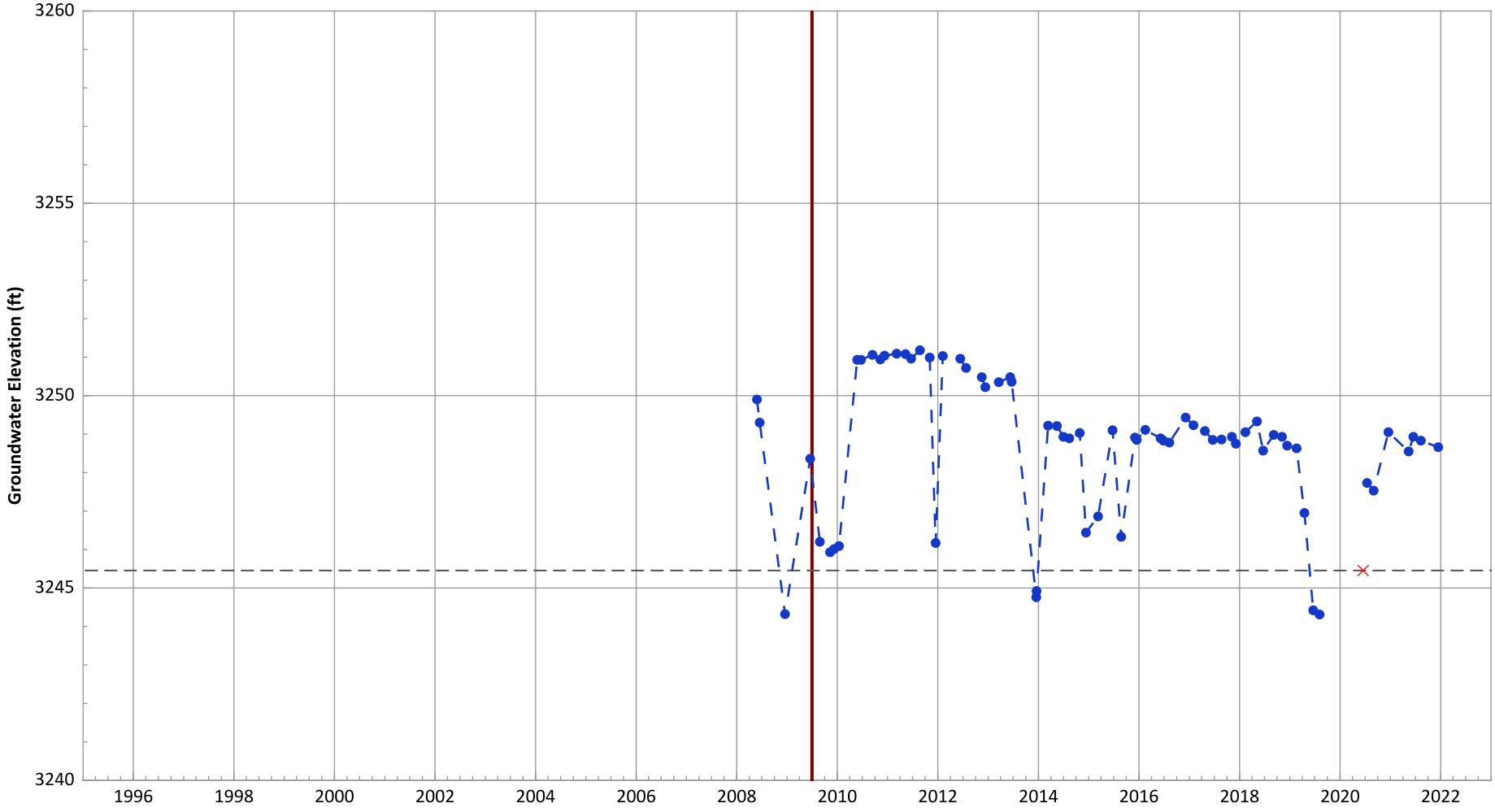
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.62 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.11 ft/yr

PTX06-ISB048 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

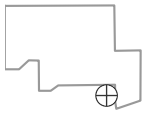


Notes:
1. Top of screen elevation is 3255.45 ft msl.
2. The bottom of screen elevation is 3245.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

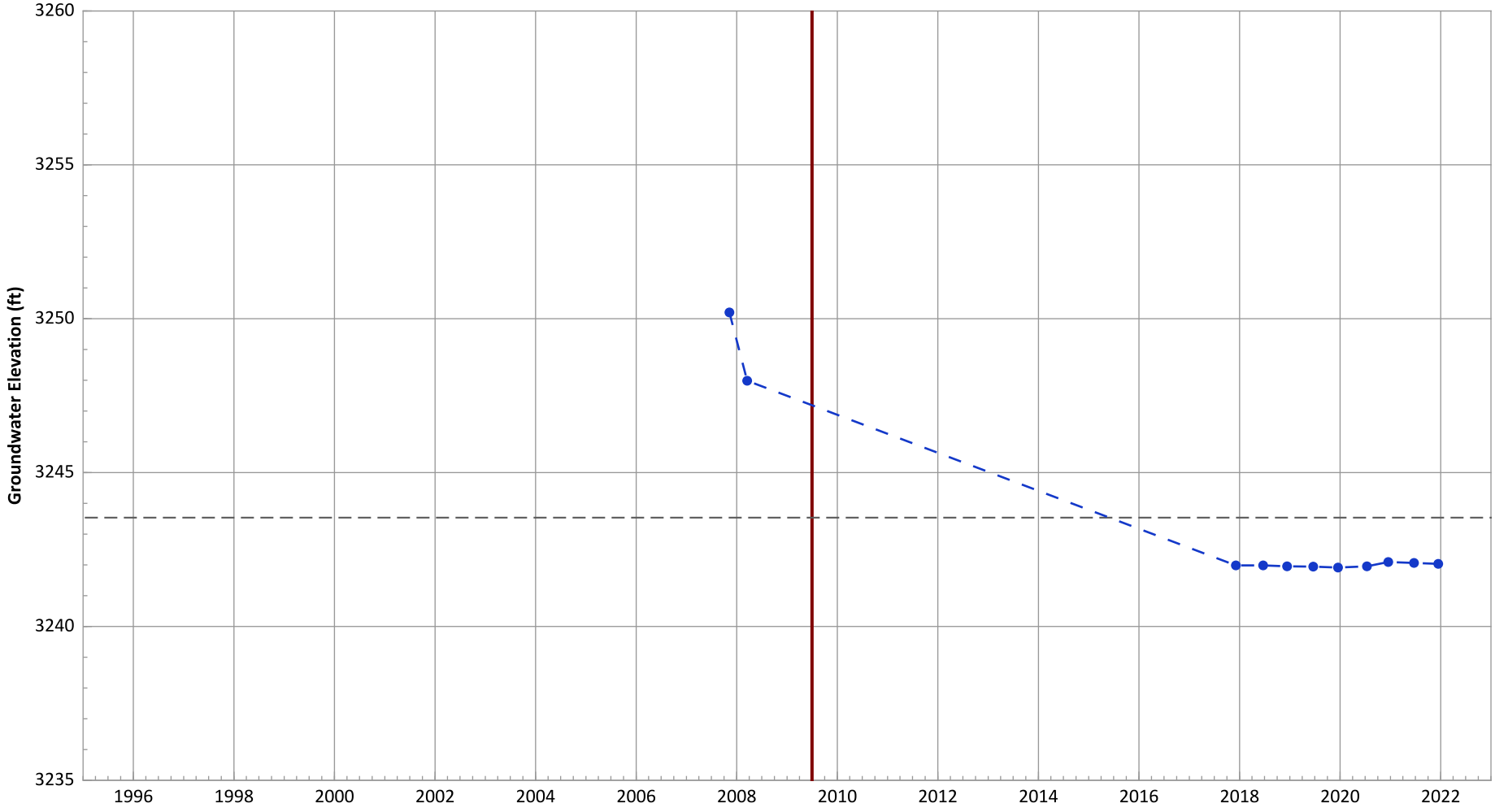
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.79 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.13 ft/yr

PTX06-ISB049 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

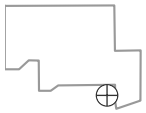


Notes:
1. Top of screen elevation is 3253.54 ft msl.
2. The bottom of screen elevation is 3243.54 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

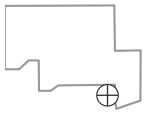
PTX06-ISB050 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3253.3 ft msl.
2. The bottom of screen elevation is 3243.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

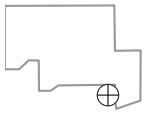
PTX06-ISB051 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3256.24 ft msl.
2. The bottom of screen elevation is 3246.24 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): N/A (<3 Measurements)

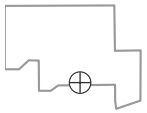
PTX06-ISB055 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3269.9 ft msl.
2. The bottom of screen elevation is 3249.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

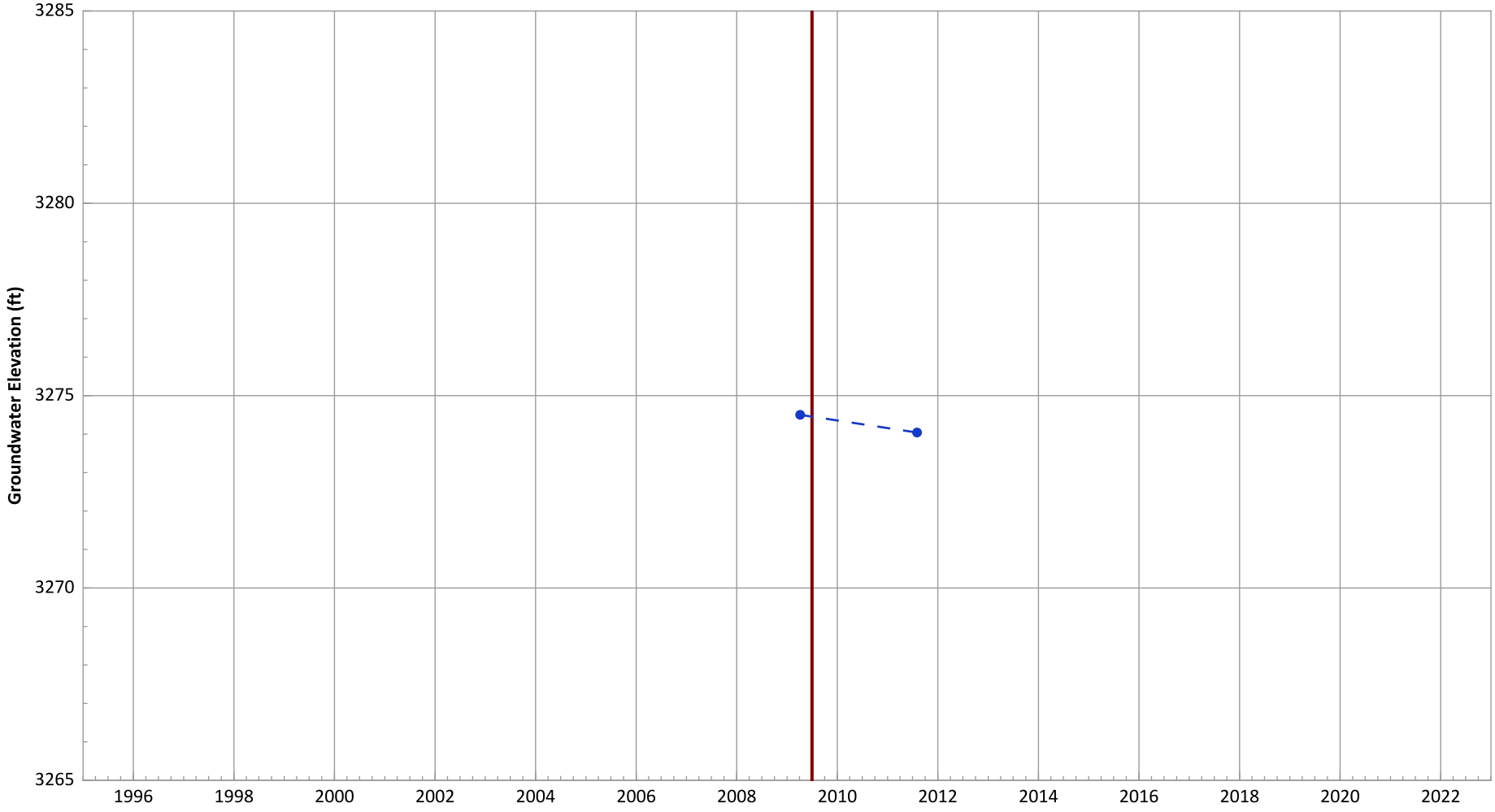
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.13 ft/yr

PTX06-ISB057 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

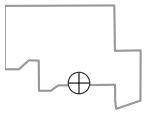


Notes:
1. Top of screen elevation is 3274.18 ft msl.
2. The bottom of screen elevation is 3254.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

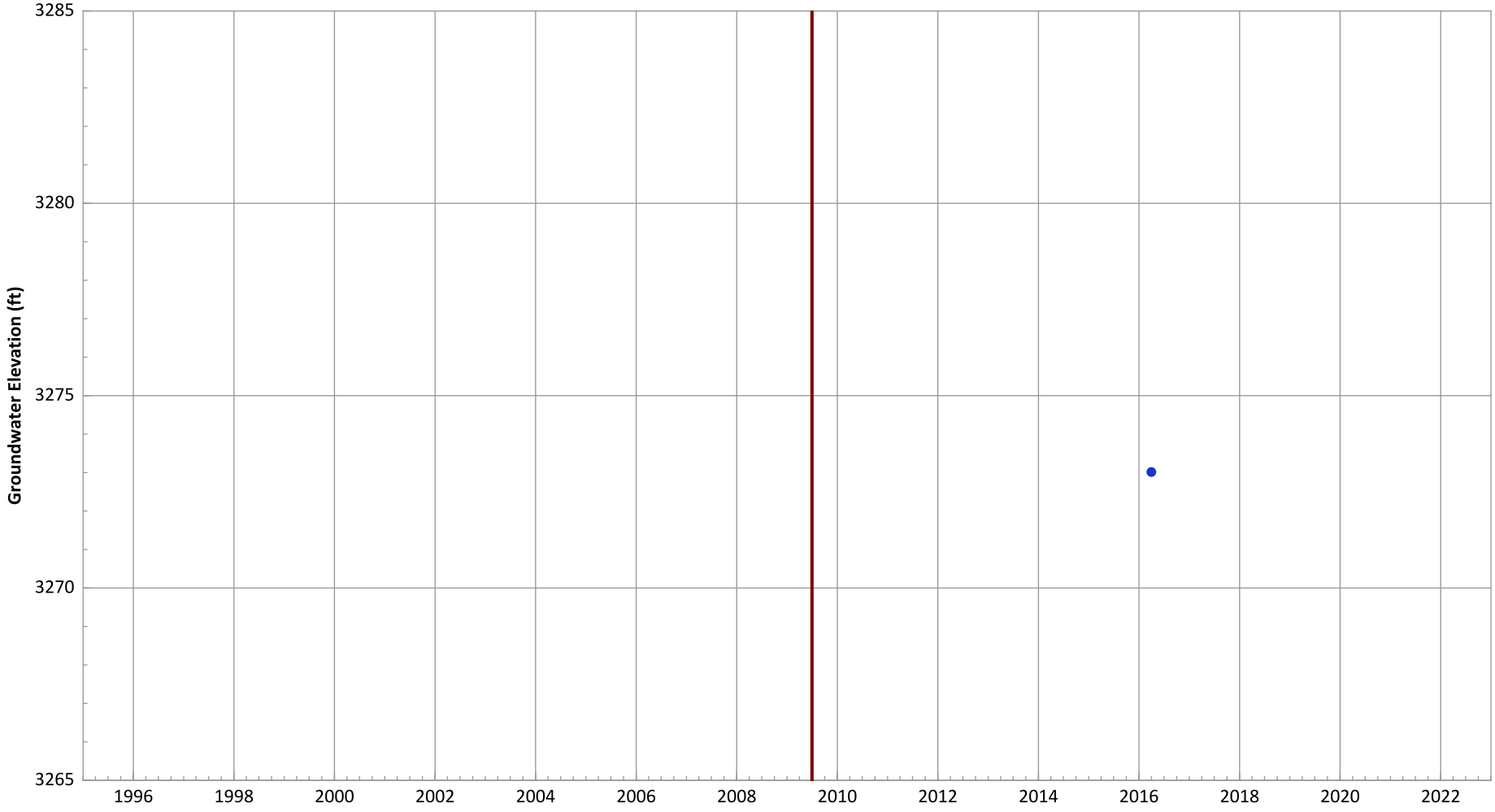
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB058 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

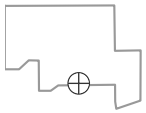


Notes:
1. Top of screen elevation is 3272.72 ft msl.
2. The bottom of screen elevation is 3252.72 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

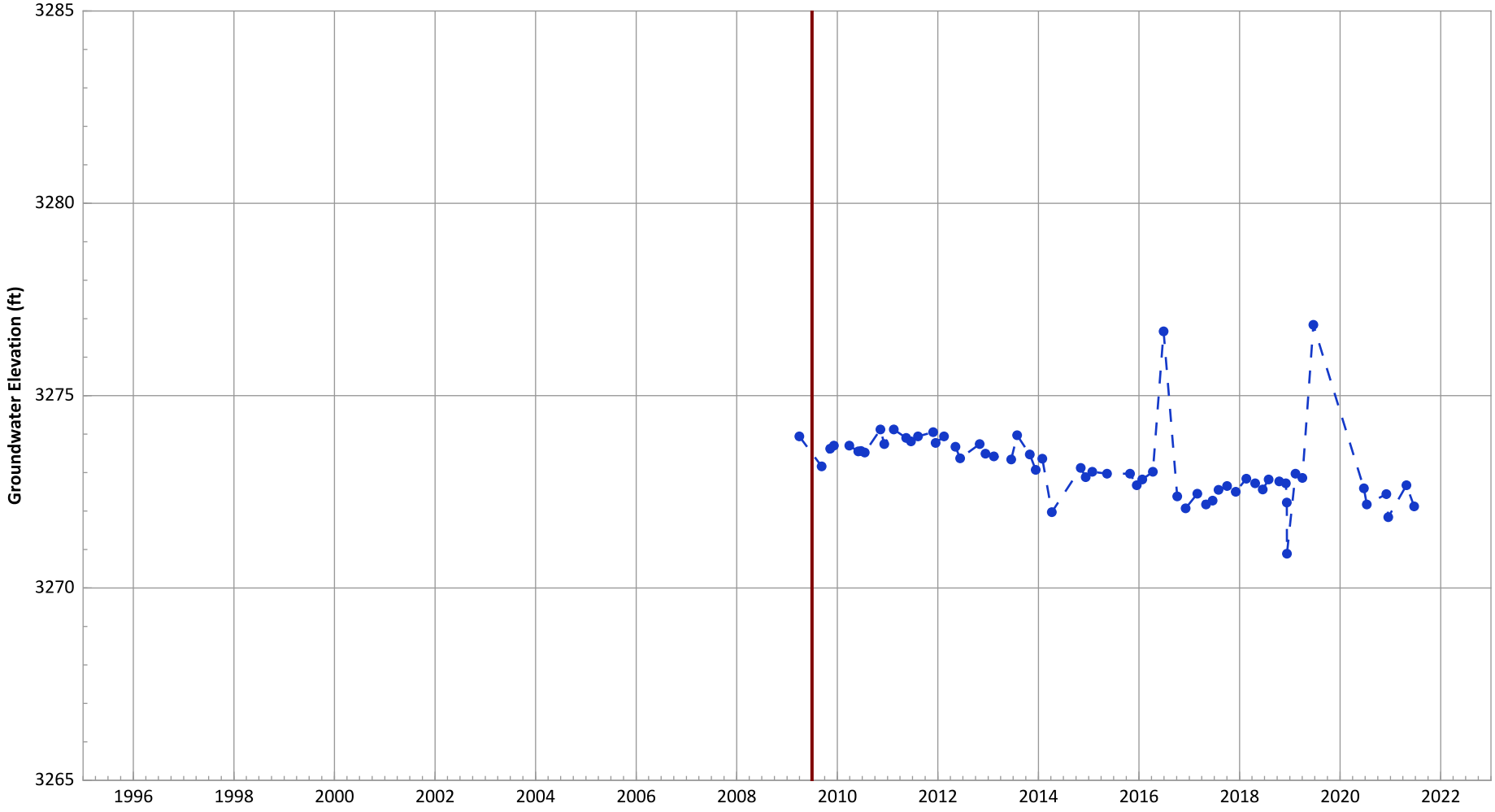
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB059 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

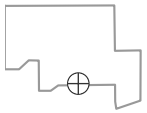


Notes:
1. Top of screen elevation is 3271.55 ft msl.
2. The bottom of screen elevation is 3251.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

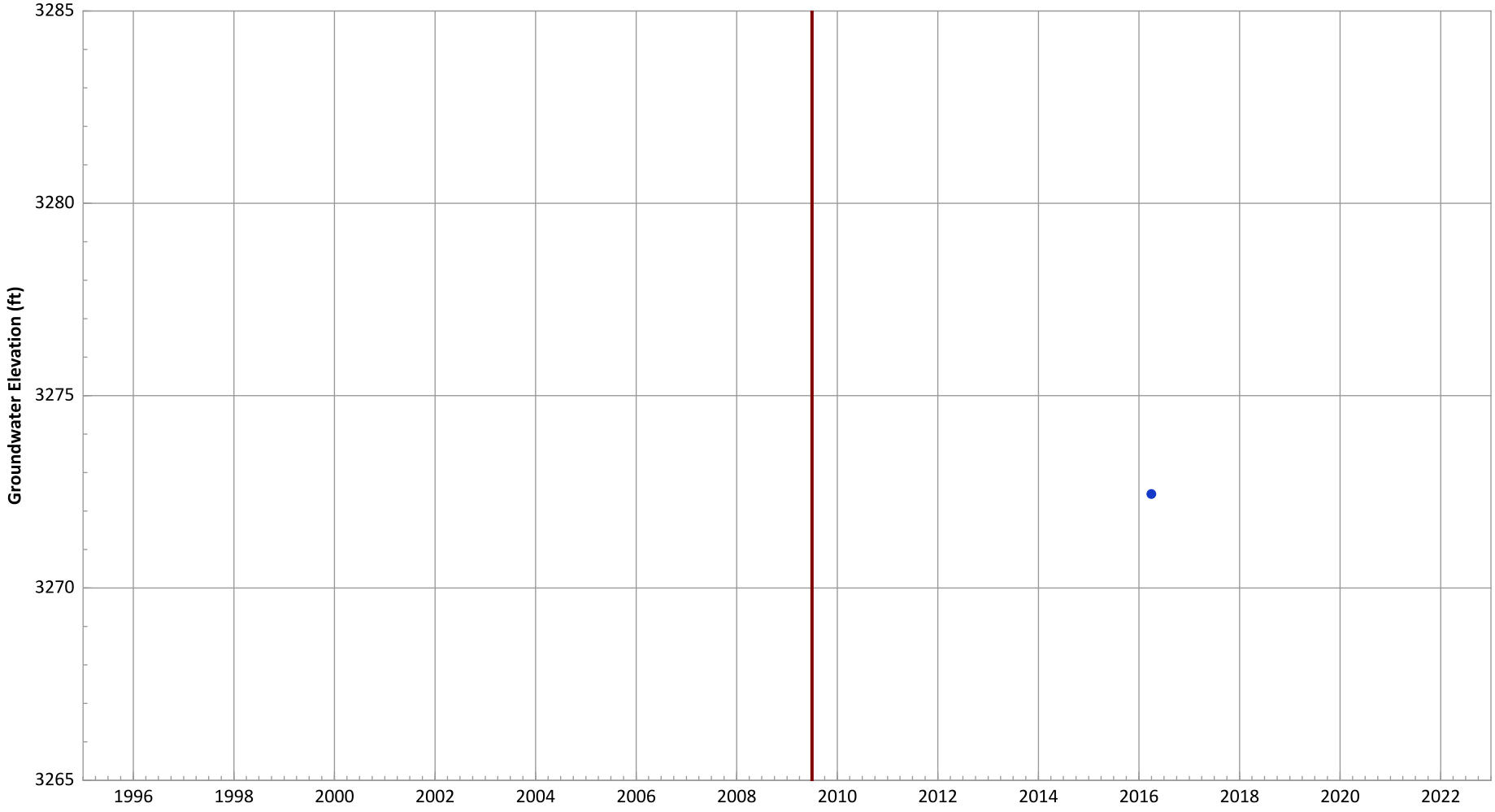
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.12 ft/yr

PTX06-ISB060A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

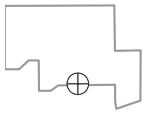


Notes:
1. Top of screen elevation is 3273.38 ft msl.
2. The bottom of screen elevation is 3253.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

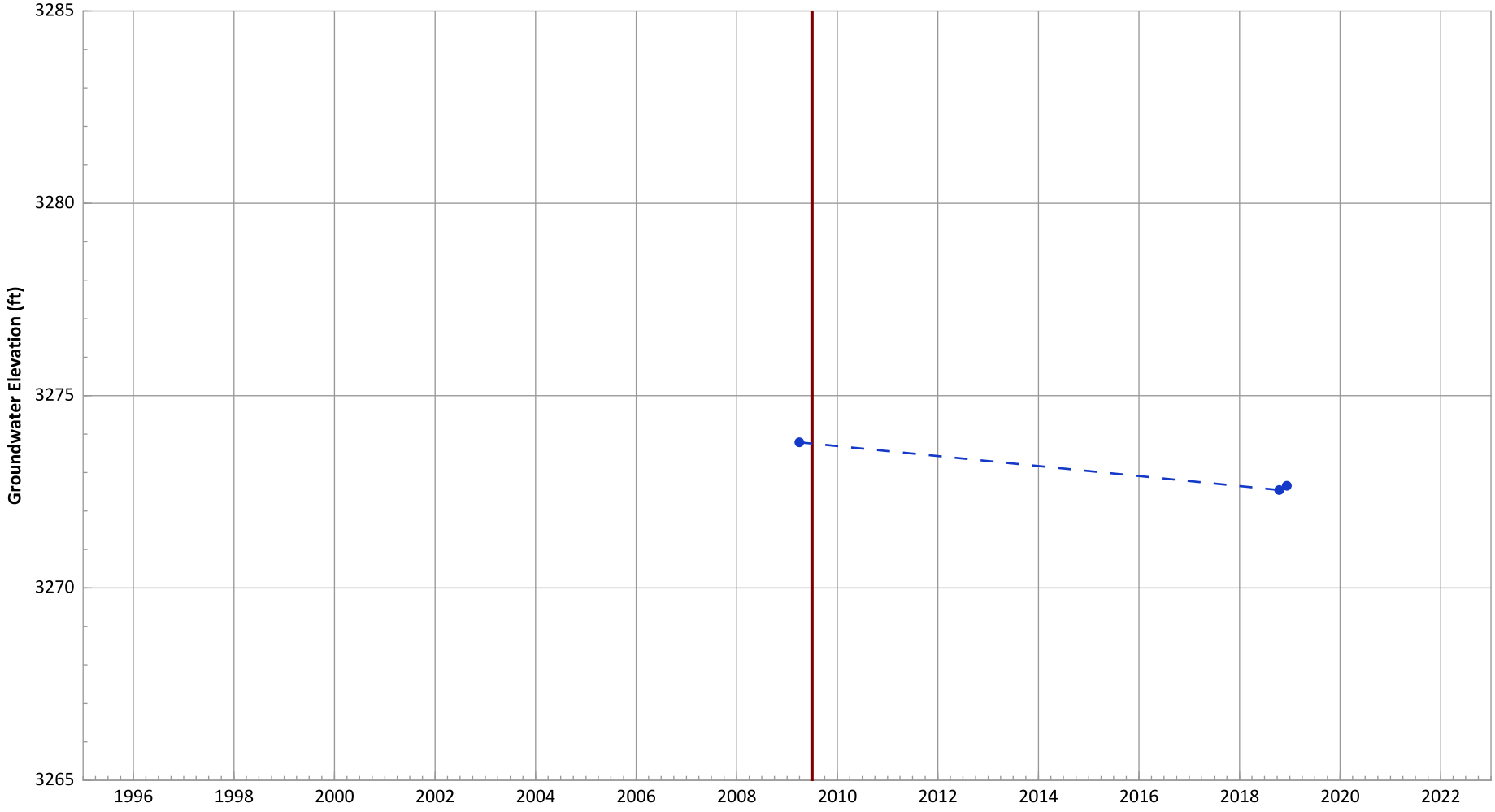
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB061 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

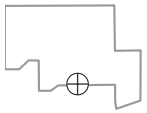


Notes:
1. Top of screen elevation is 3272.95 ft msl.
2. The bottom of screen elevation is 3253.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

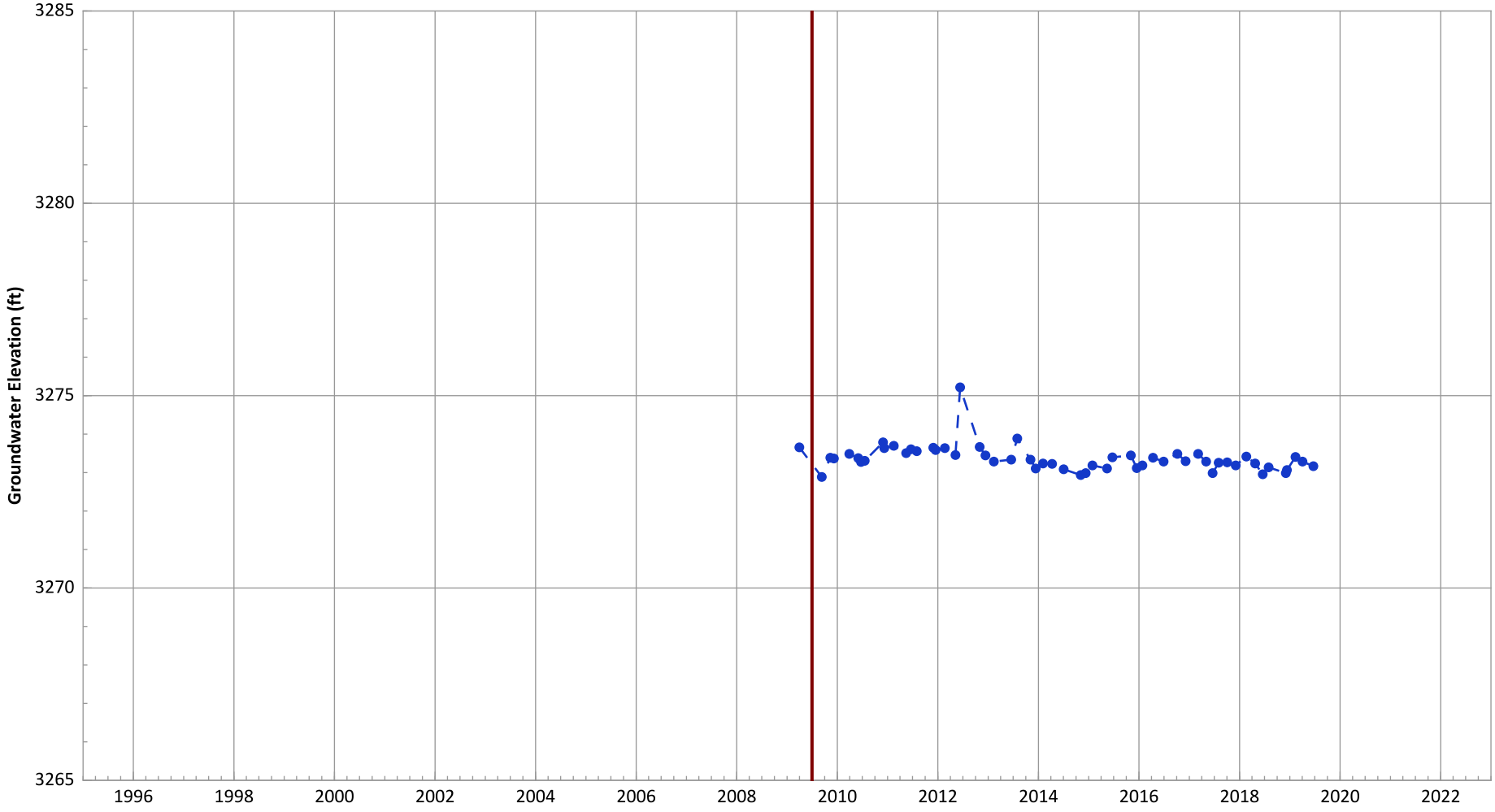
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB063 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

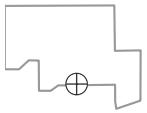


Notes:
1. Top of screen elevation is 3276.7 ft msl.
2. The bottom of screen elevation is 3256.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

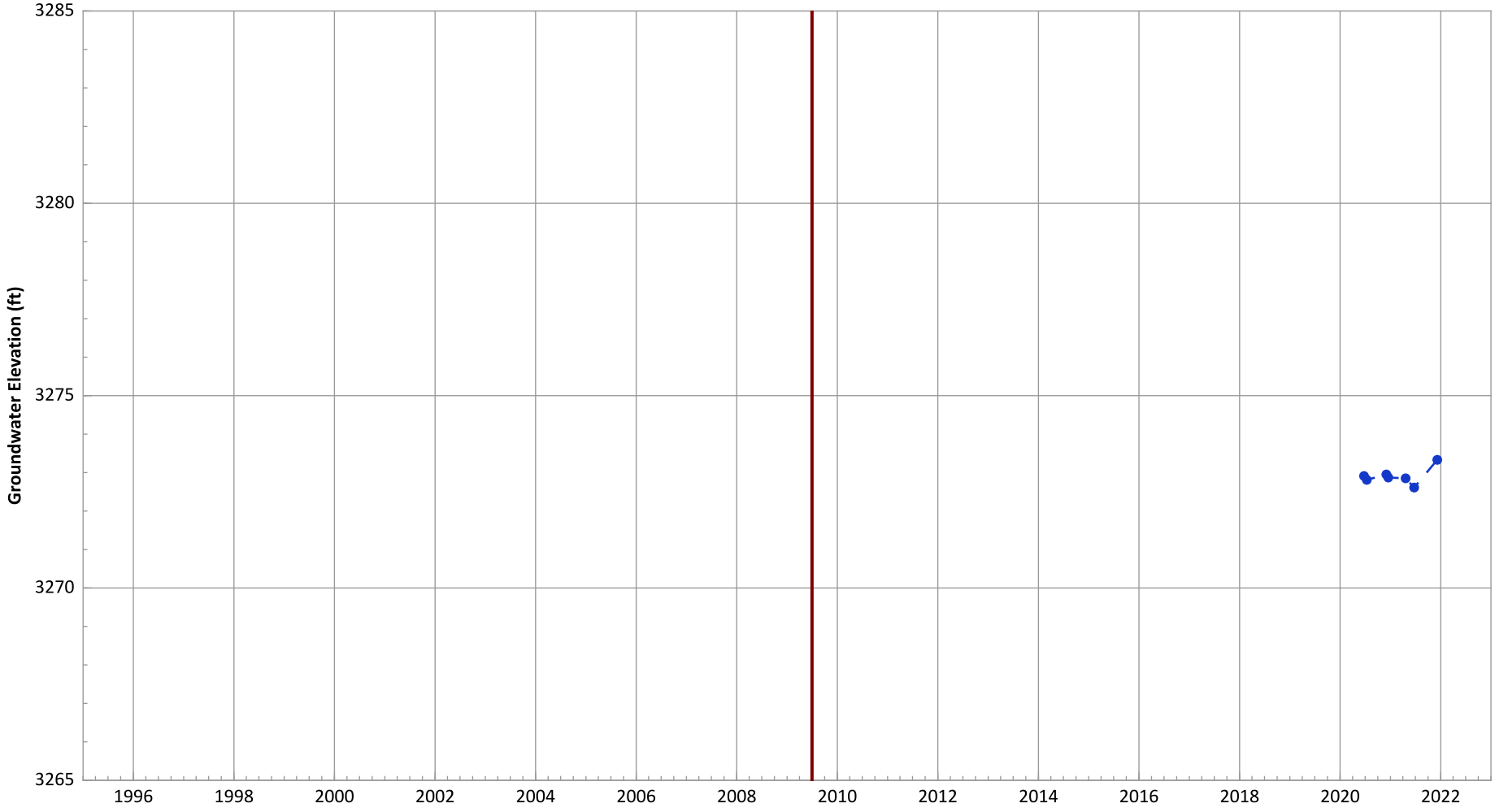
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): No Trend

PTX06-ISB064 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

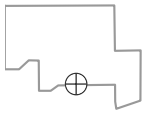


Notes:
1. Top of screen elevation is 3273.76 ft msl.
2. The bottom of screen elevation is 3253.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

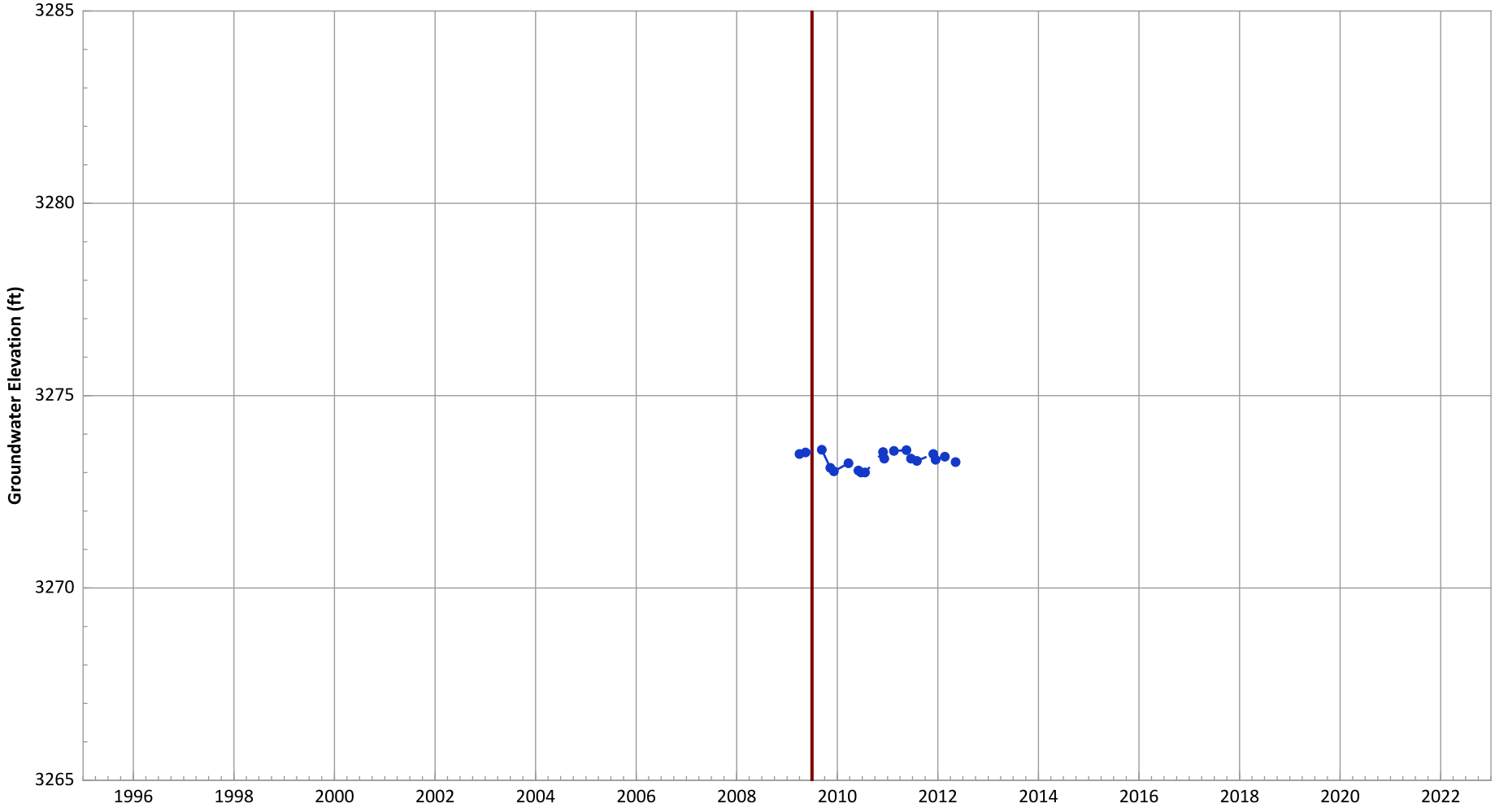
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB065 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

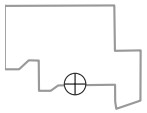


Notes:
1. Top of screen elevation is 3274.94 ft msl.
2. The bottom of screen elevation is 3254.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

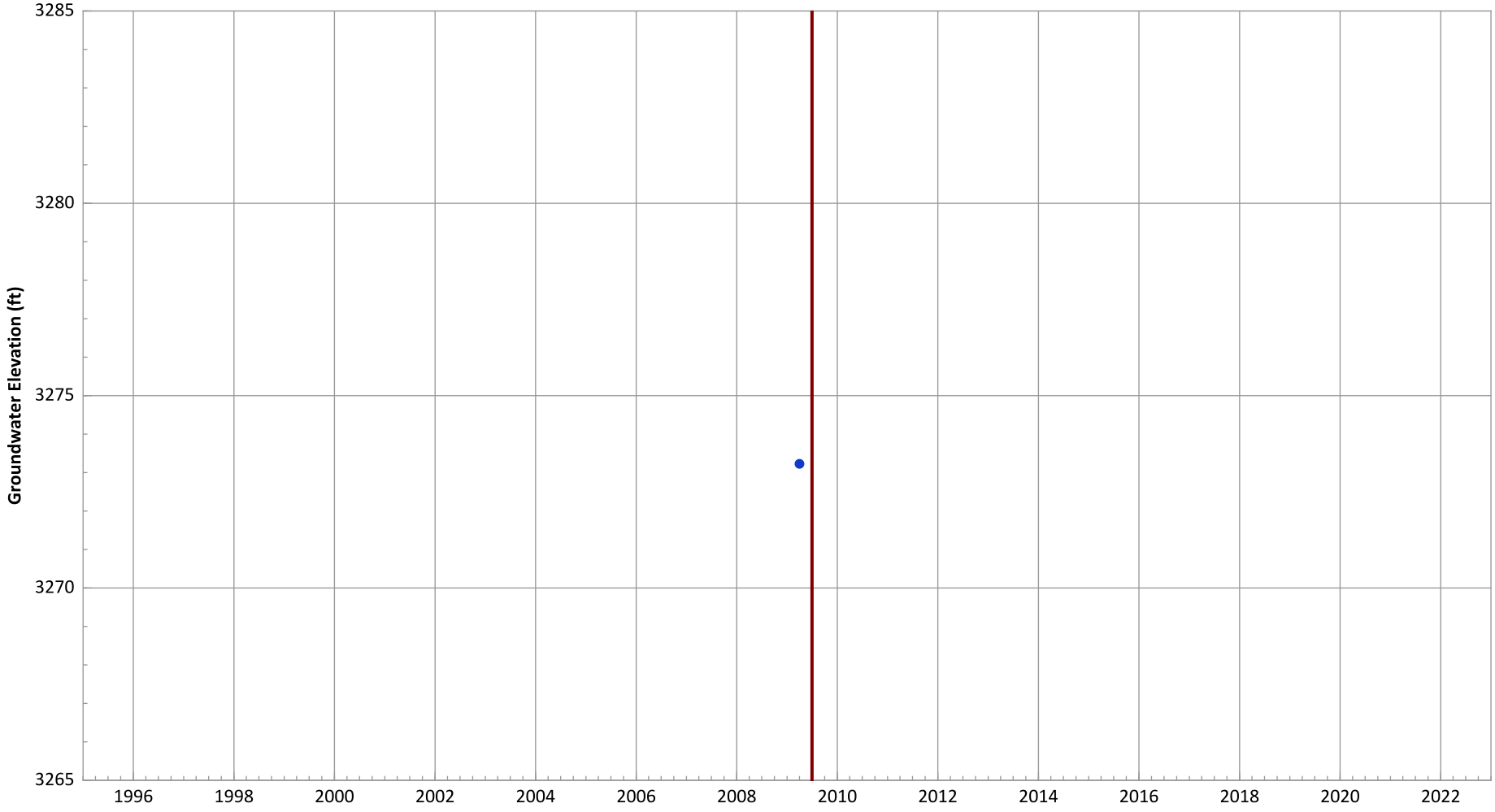
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): No Trend

PTX06-ISB067 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

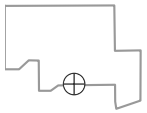


Notes:
1. Top of screen elevation is 3275.56 ft msl.
2. The bottom of screen elevation is 3255.56 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

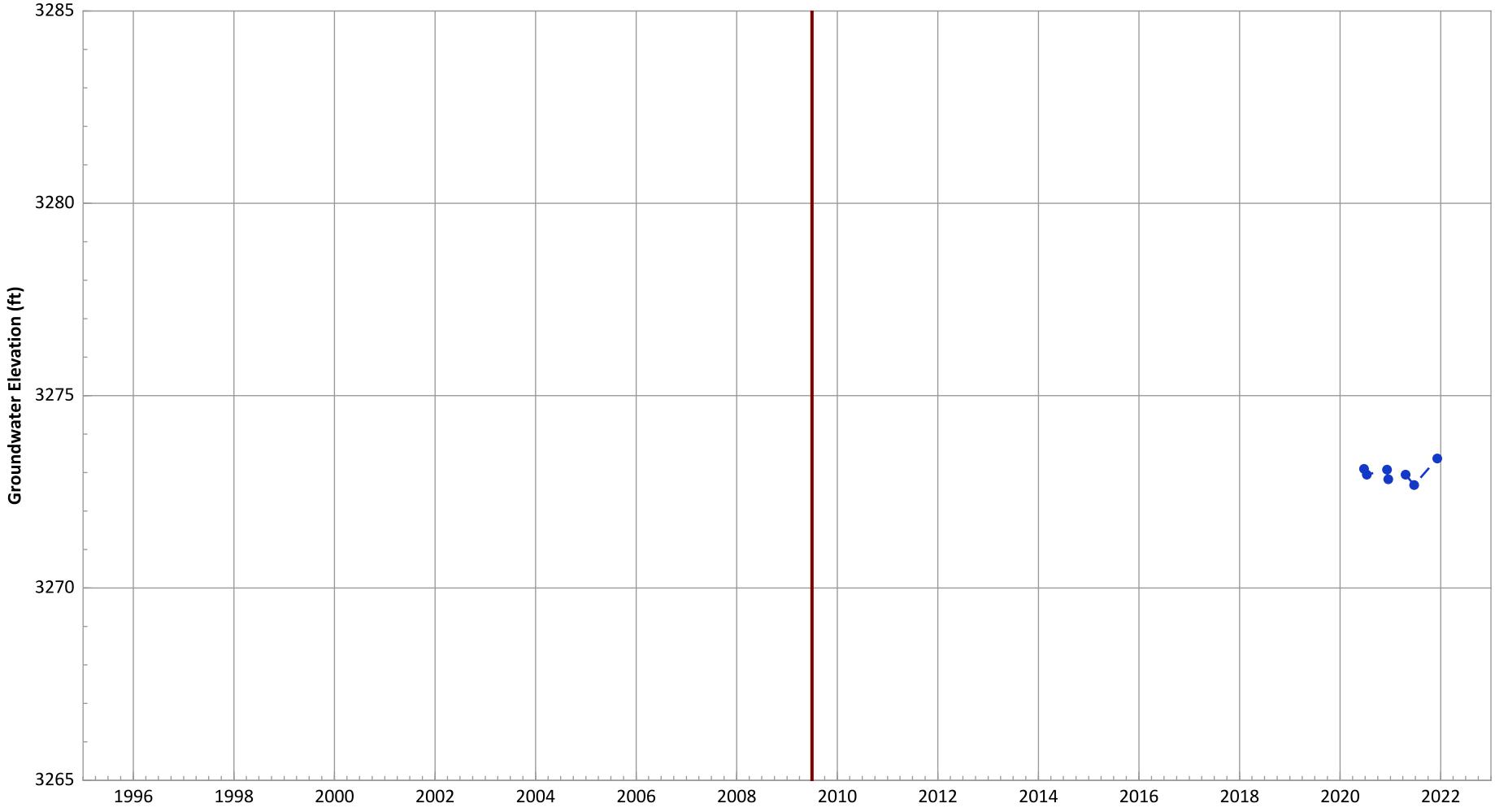
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB068 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

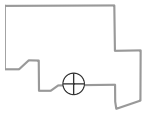


Notes:
1. Top of screen elevation is 3275.67 ft msl.
2. The bottom of screen elevation is 3255.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

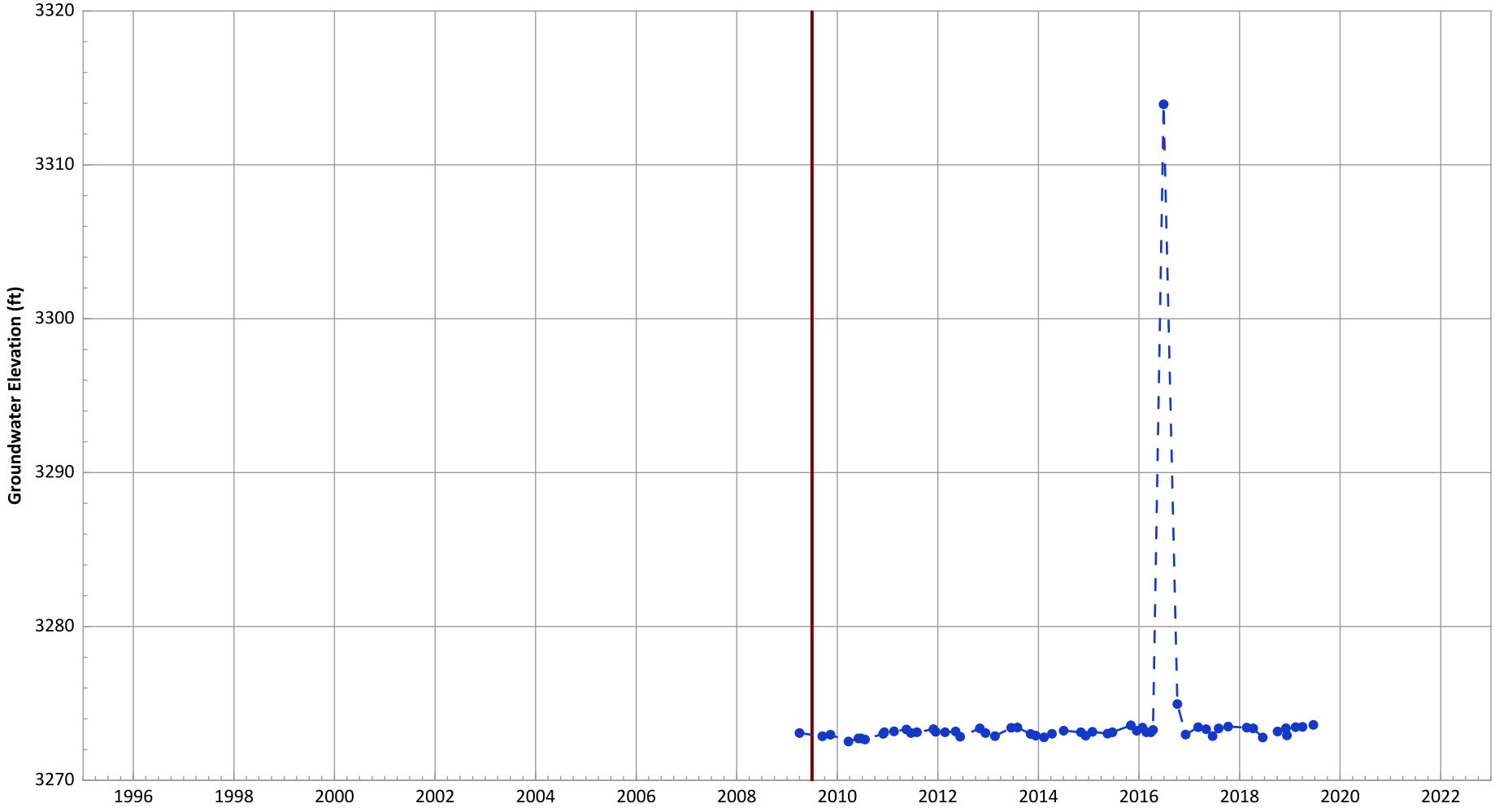
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-ISB069A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

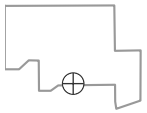


Notes:
1. Top of screen elevation is 3276.05 ft msl.
2. The bottom of screen elevation is 3256.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

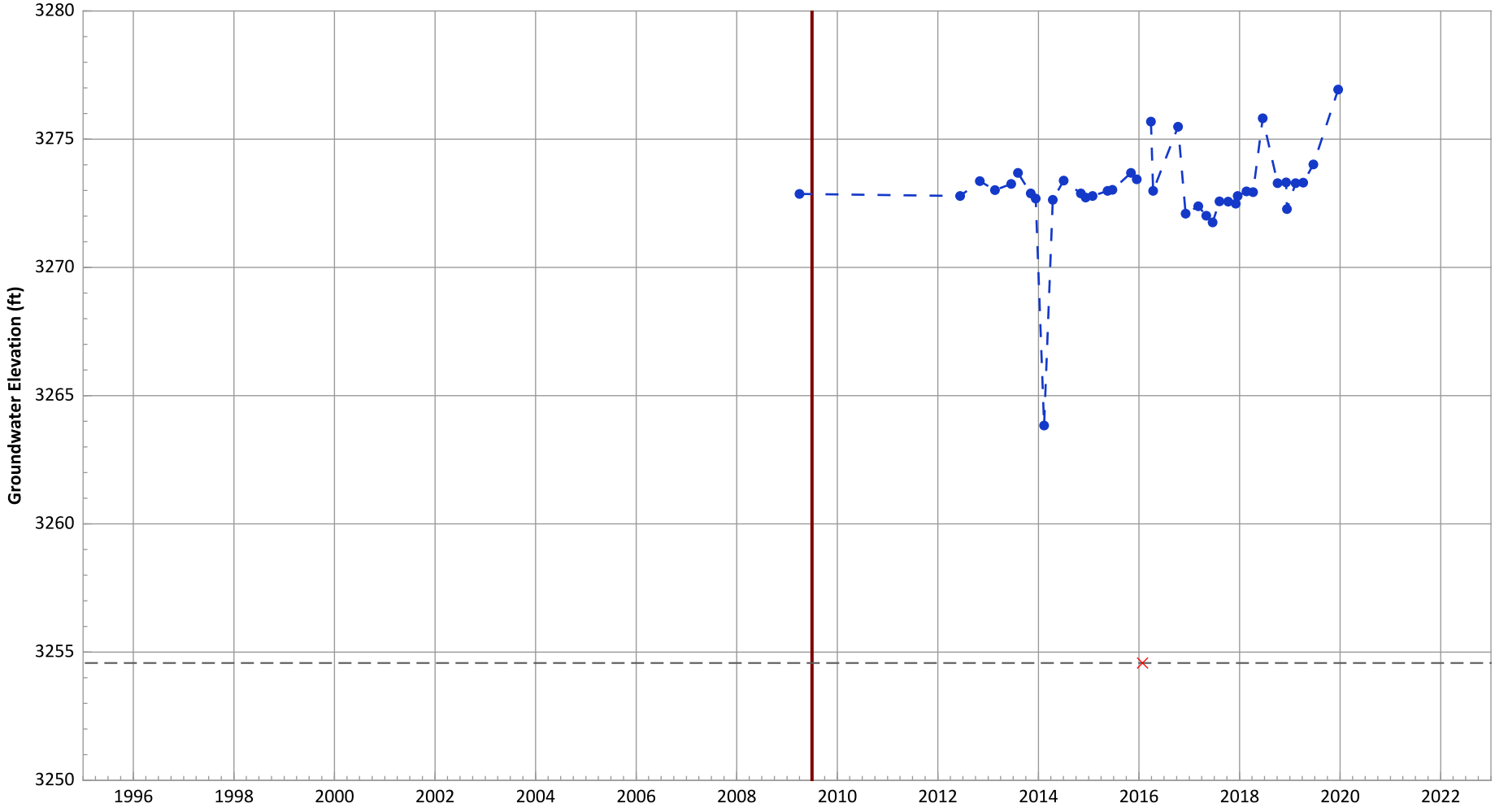
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.22 ft/yr

PTX06-ISB071 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

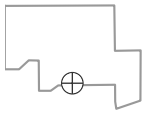


Notes:
1. Top of screen elevation is 3274.57 ft msl.
2. The bottom of screen elevation is 3254.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

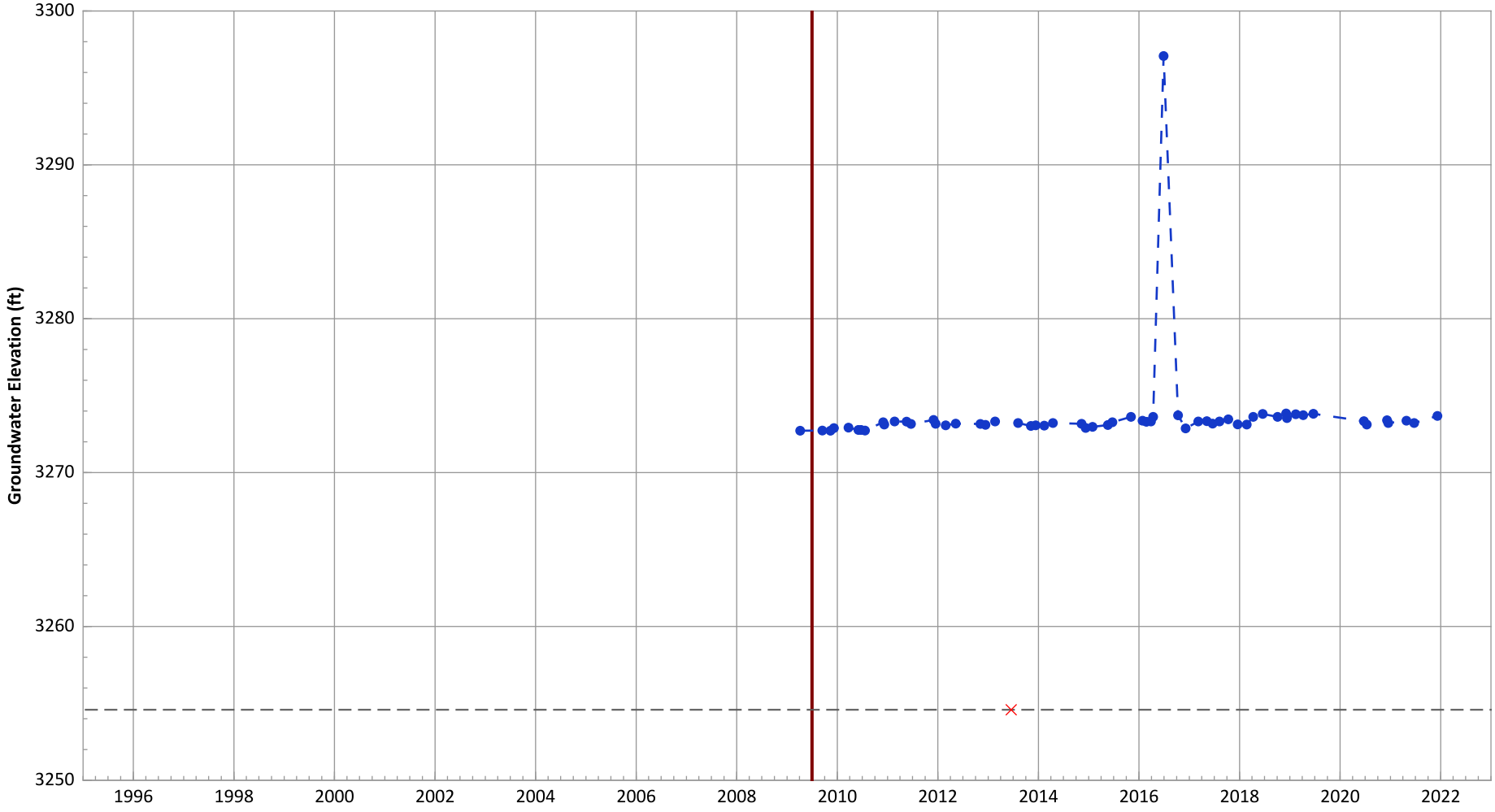
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.23 ft/yr

PTX06-ISB073 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

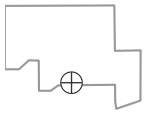


Notes:
1. Top of screen elevation is 3274.59 ft msl.
2. The bottom of screen elevation is 3254.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

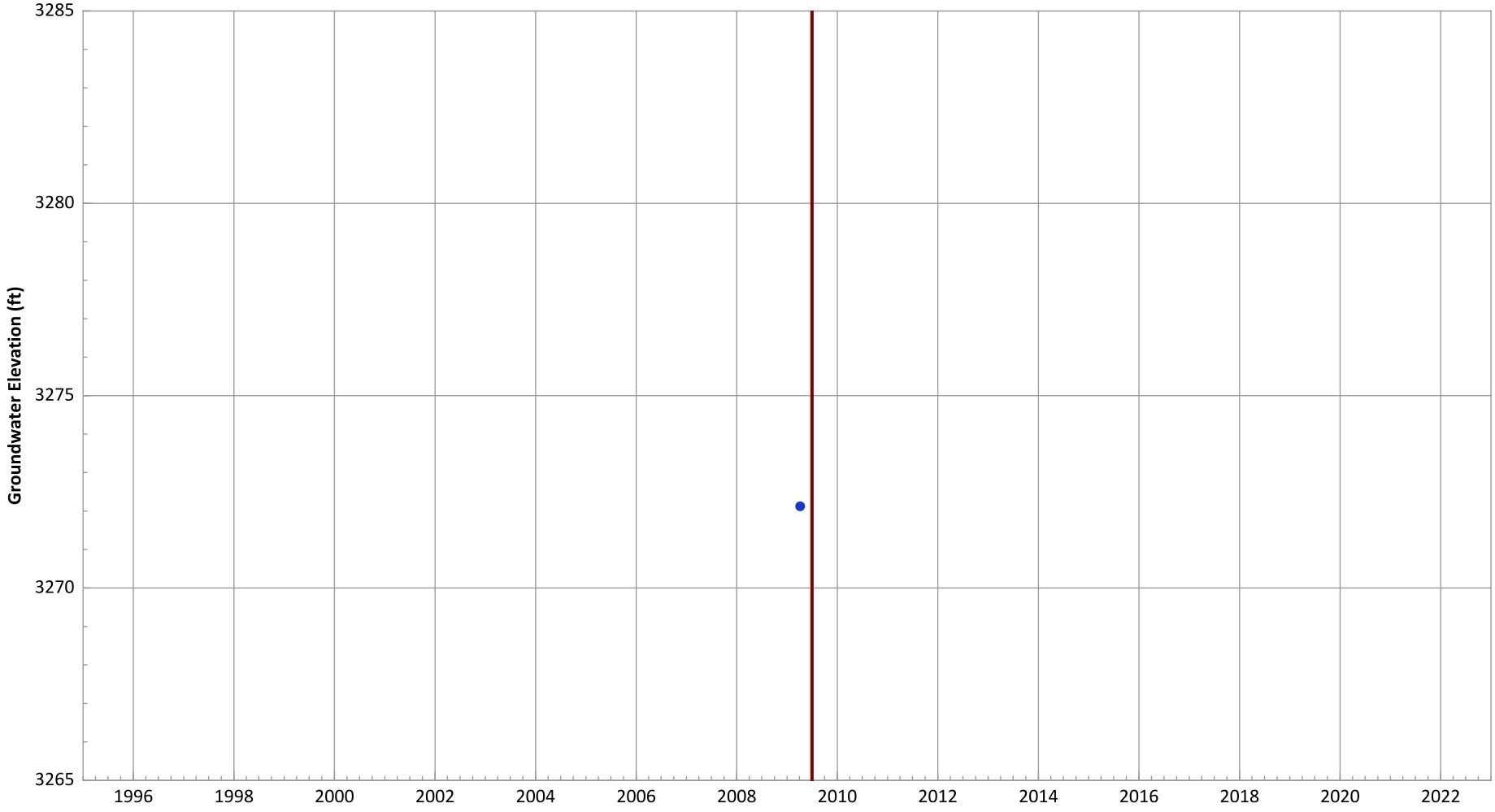
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB074 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

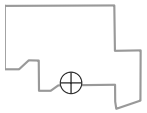


Notes:
1. Top of screen elevation is 3279.2 ft msl.
2. The bottom of screen elevation is 3259.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

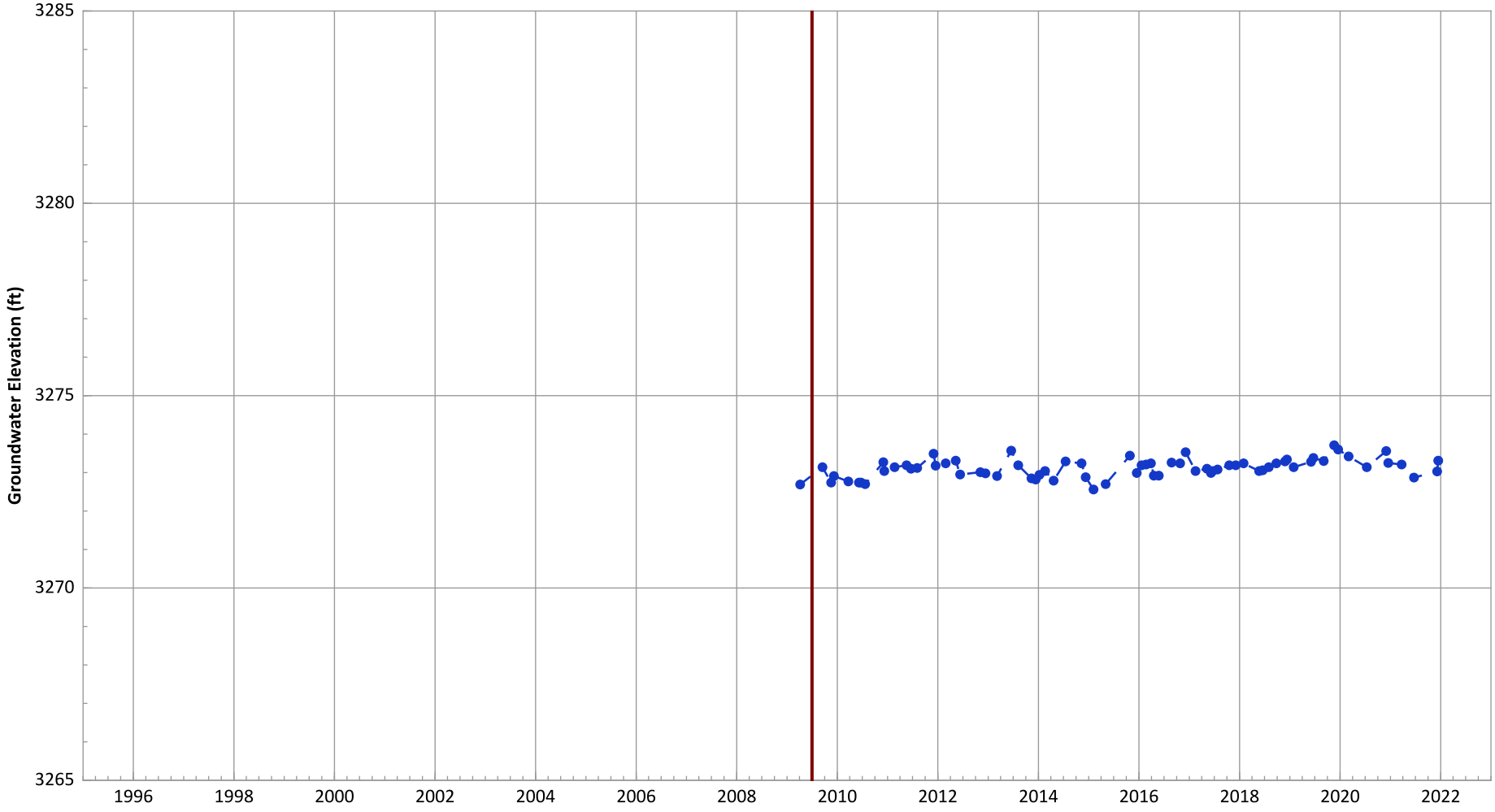
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB075 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

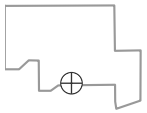


Notes:
1. Top of screen elevation is 3279.57 ft msl.
2. The bottom of screen elevation is 3259.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

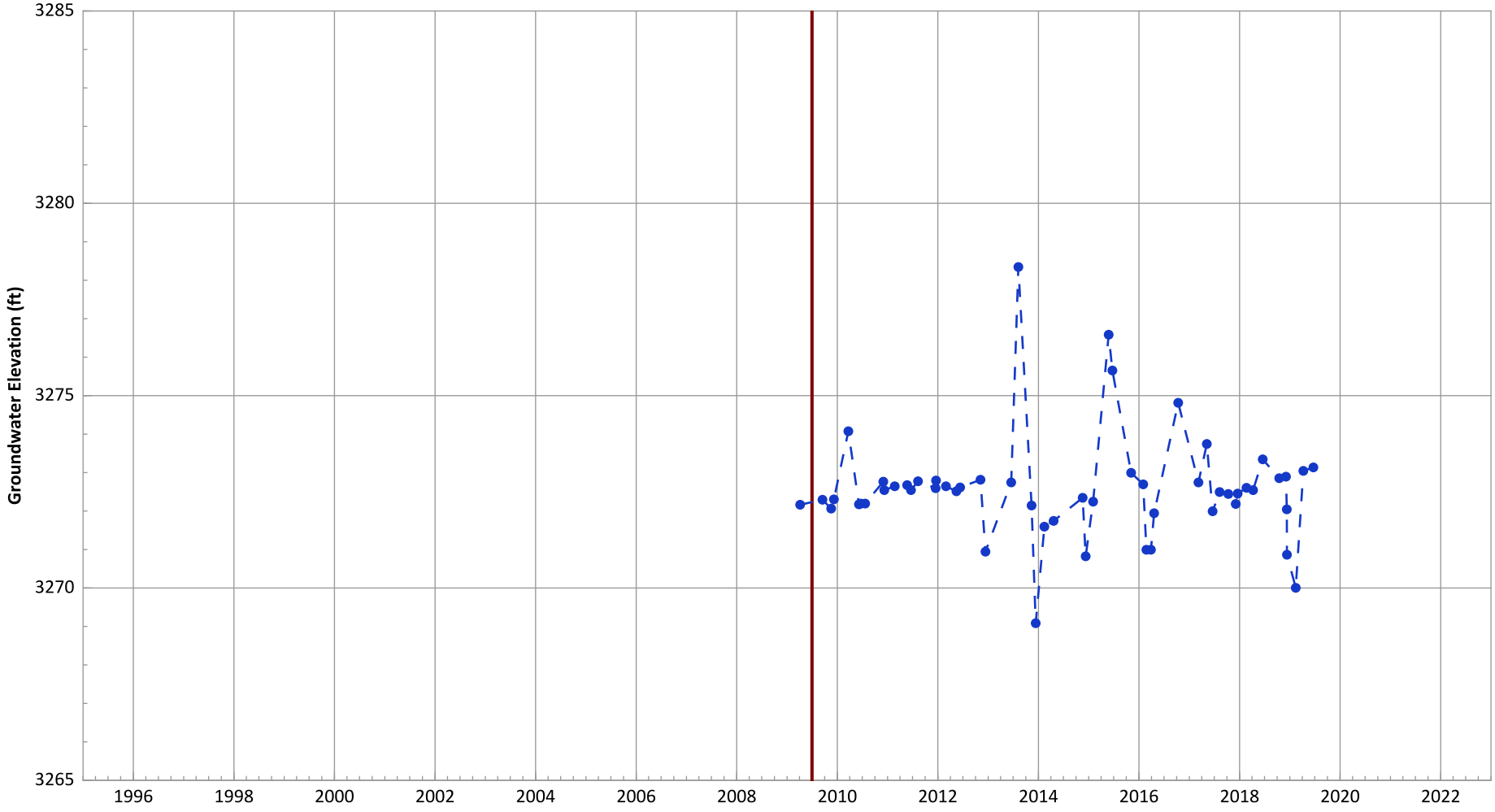
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.15 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX06-ISB077 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

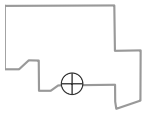


Notes:
1. Top of screen elevation is 3275.82 ft msl.
2. The bottom of screen elevation is 3255.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

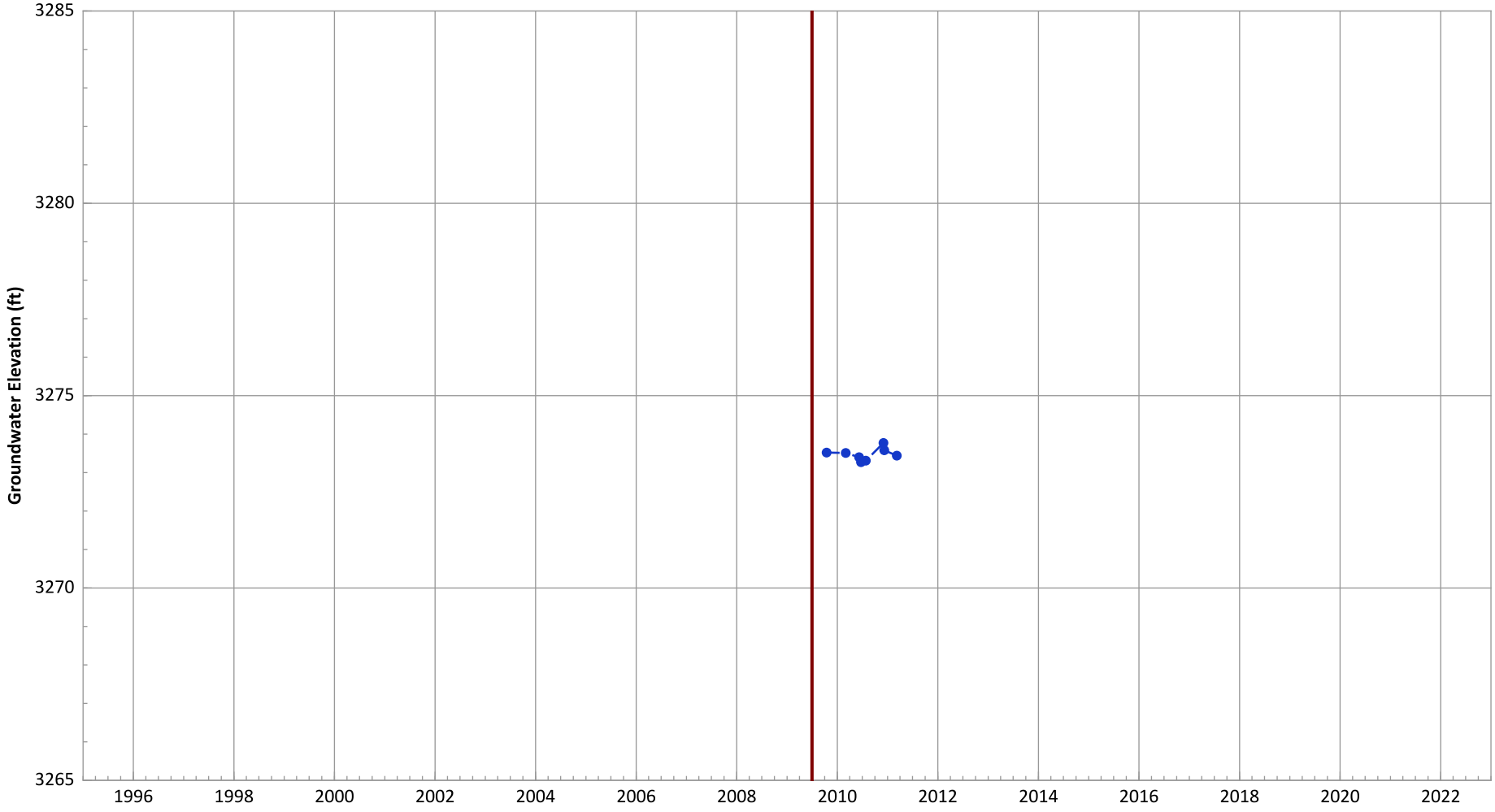
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): No Trend

PTX06-ISB078 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

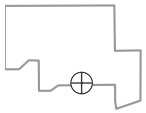


Notes:
1. Top of screen elevation is 3275.41 ft msl.
2. The bottom of screen elevation is 3250.41 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

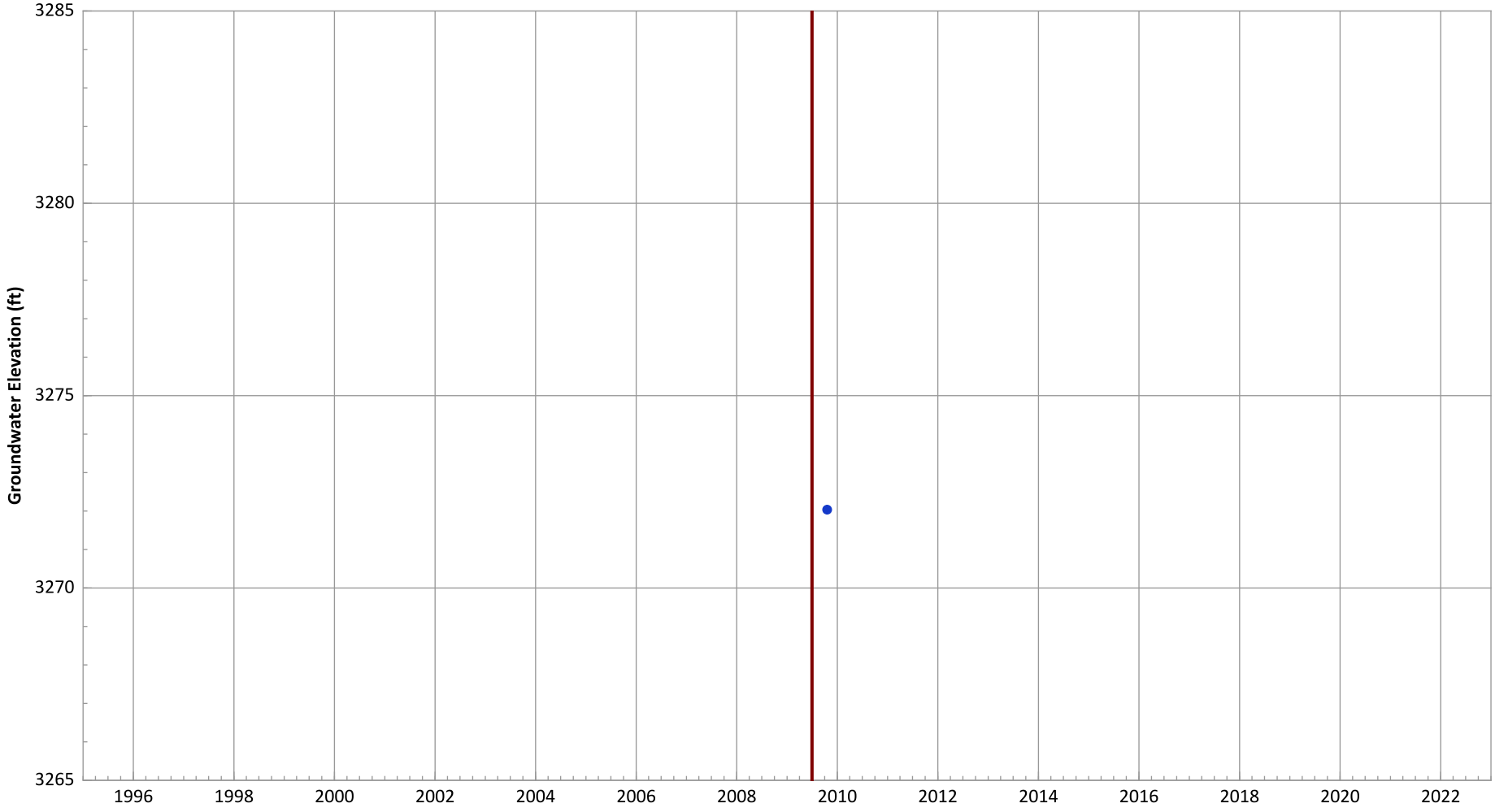
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): No Trend

PTX06-ISB083 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

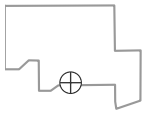


Notes:
1. Top of screen elevation is 3278.95 ft msl.
2. The bottom of screen elevation is 3258.95 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

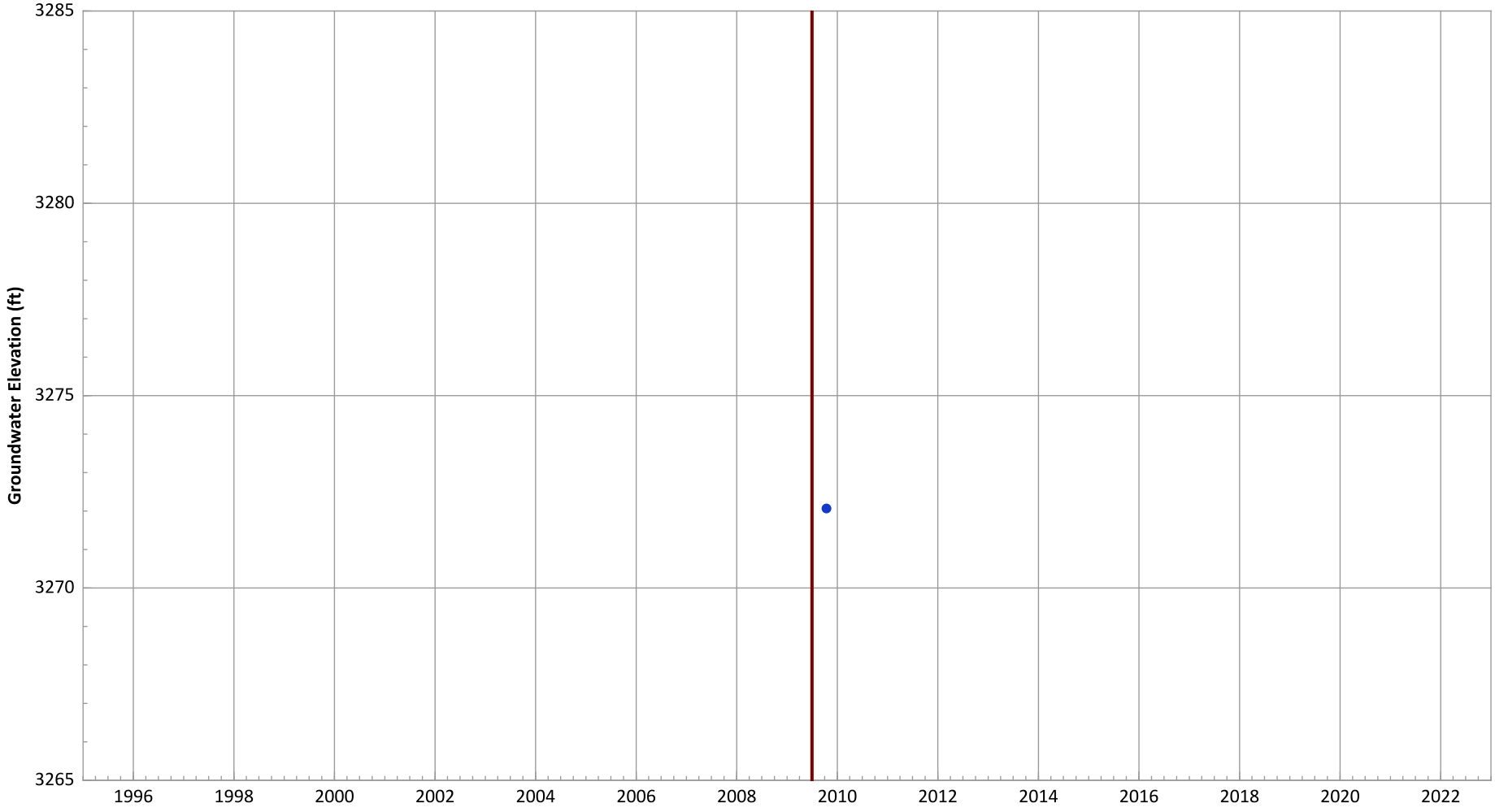
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB084 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

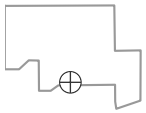


Notes:
1. Top of screen elevation is 3272.93 ft msl.
2. The bottom of screen elevation is 3257.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

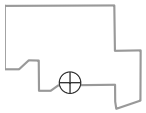
PTX06-ISB085A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3279.26 ft msl.
2. The bottom of screen elevation is 3259.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

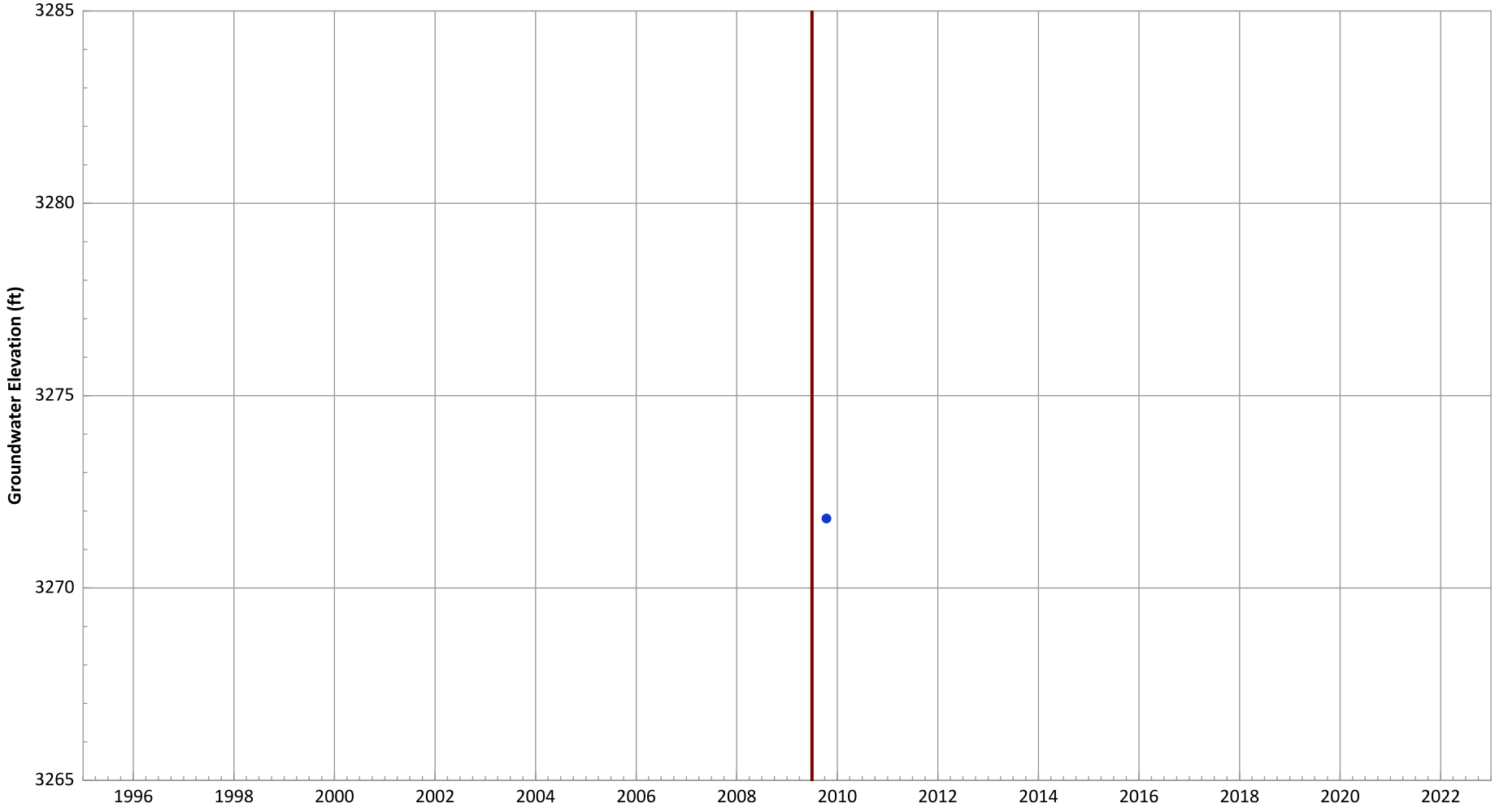
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.18 ft/yr

PTX06-ISB086 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

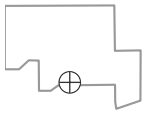


Notes:
1. Top of screen elevation is 3278.7 ft msl.
2. The bottom of screen elevation is 3258.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

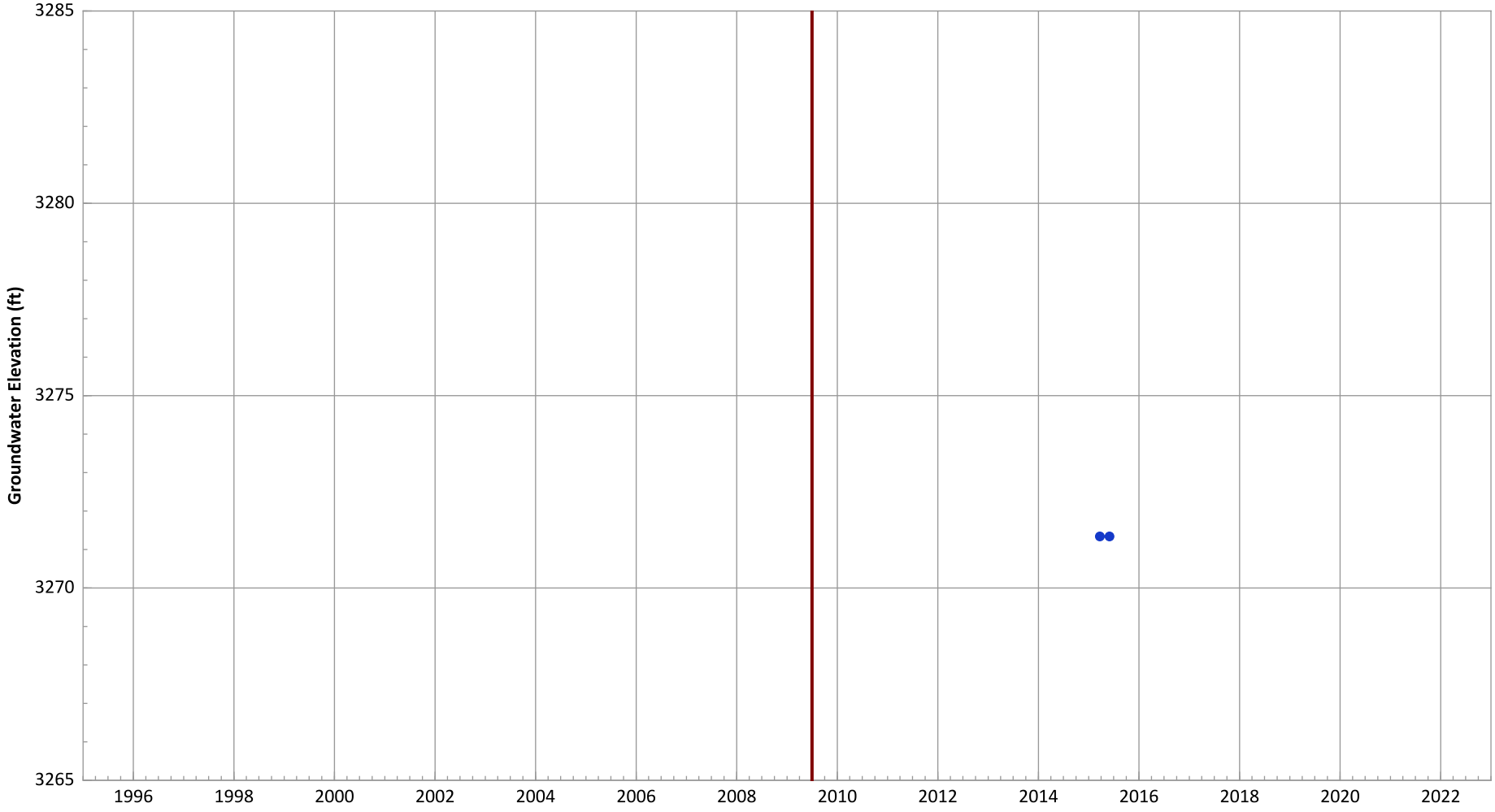
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB098 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

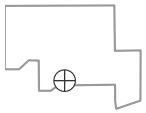


Notes:
1. Top of screen elevation is 3279.53 ft msl.
2. The bottom of screen elevation is 3259.53 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

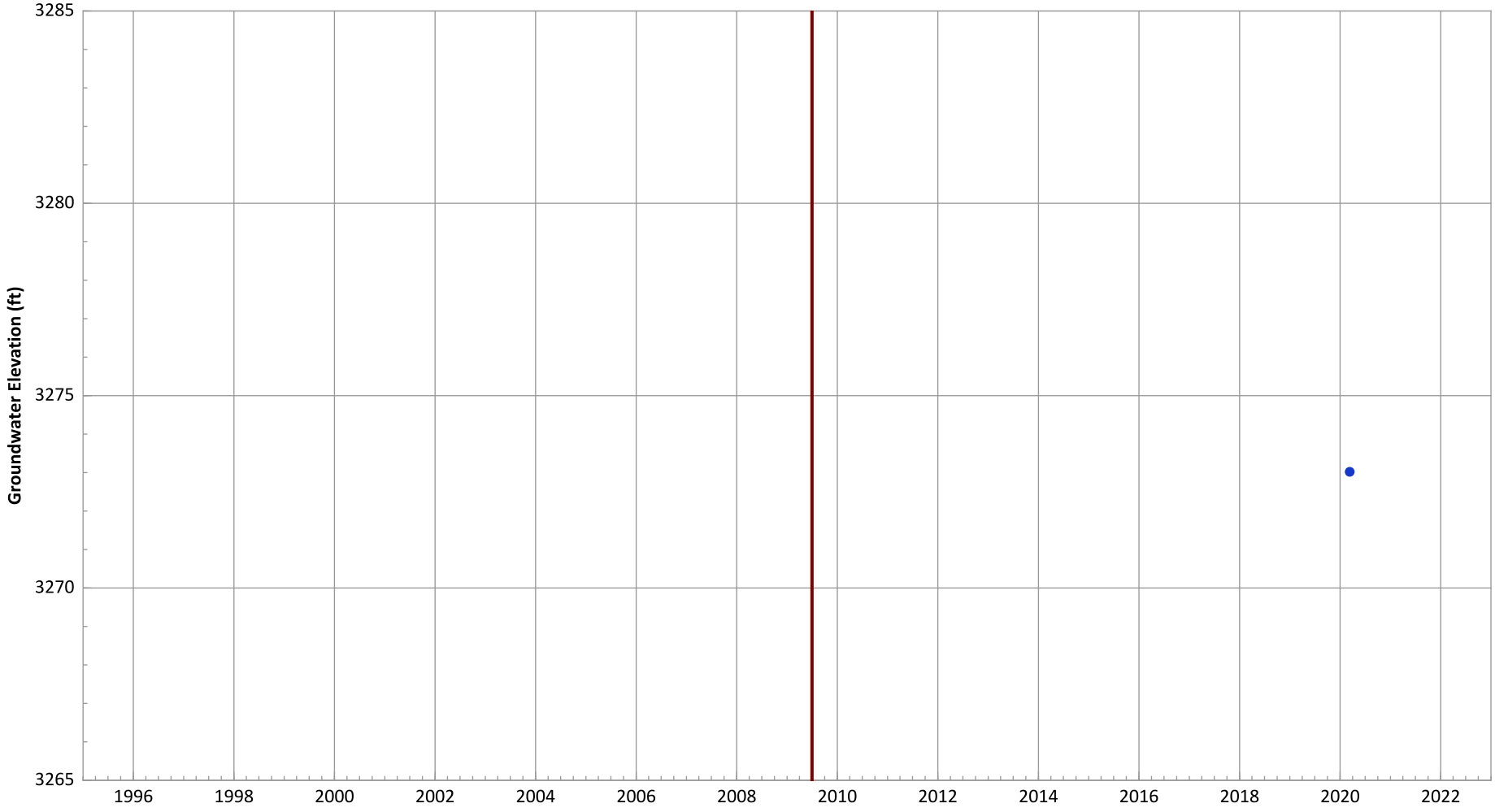
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB132 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

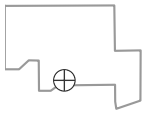


Notes:
1. Top of screen elevation is 3277.93 ft msl.
2. The bottom of screen elevation is 3257.93 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

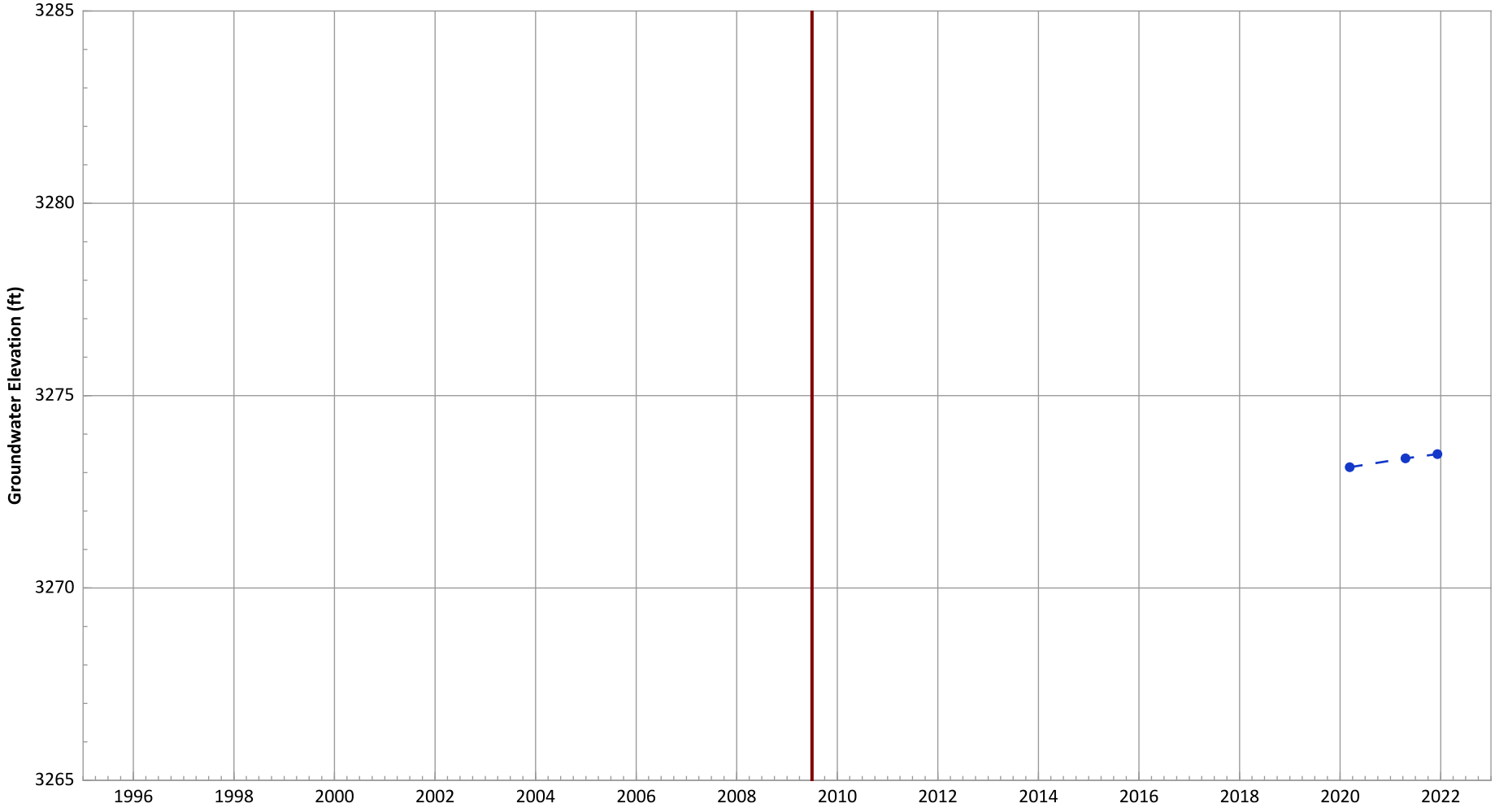
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB133 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

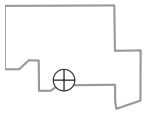


Notes:
1. Top of screen elevation is 3275.38 ft msl.
2. The bottom of screen elevation is 3255.38 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

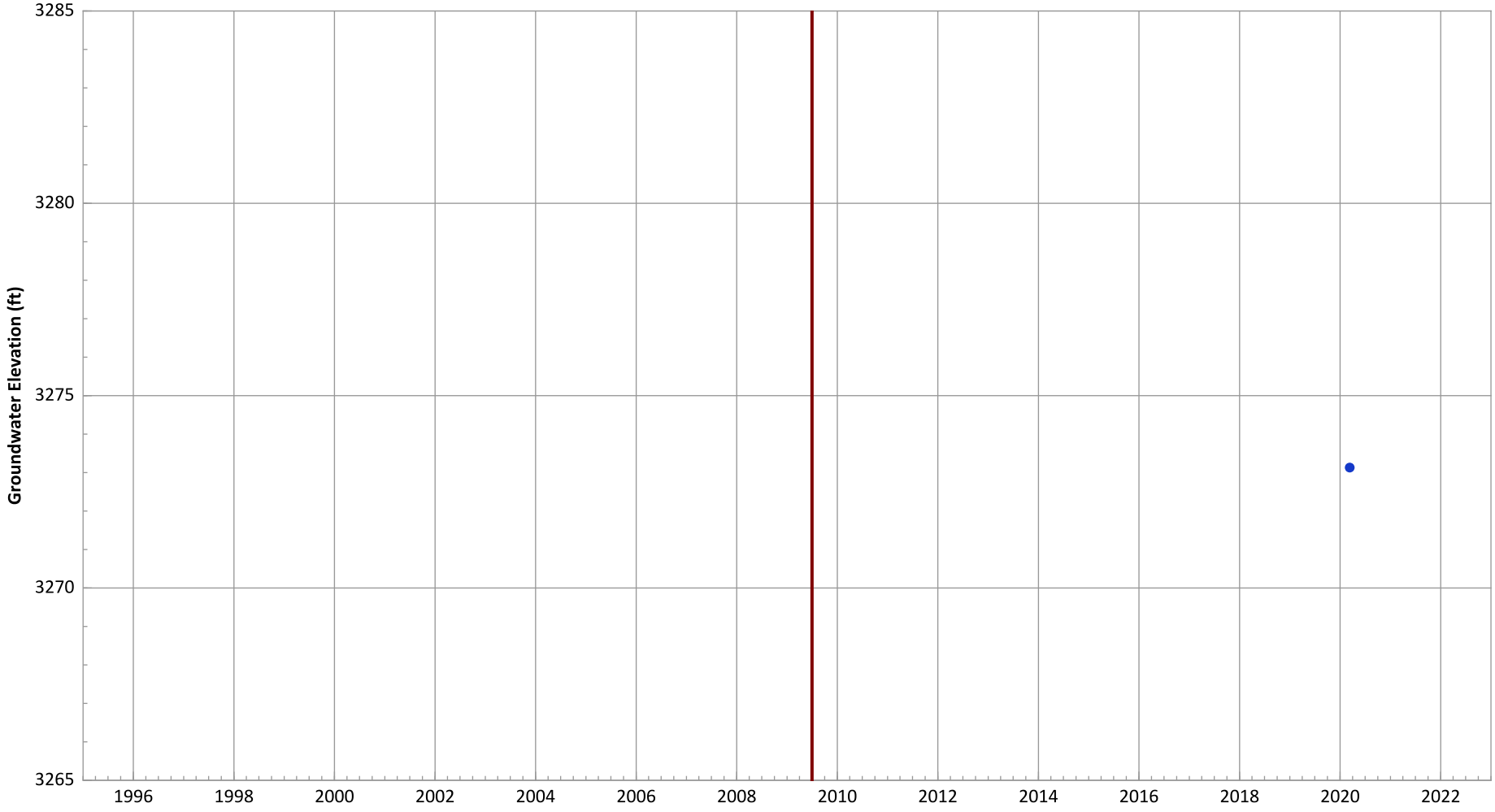
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.2 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.2 ft/yr

PTX06-ISB134 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

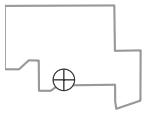


Notes:
1. Top of screen elevation is 3274.51 ft msl.
2. The bottom of screen elevation is 3254.51 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

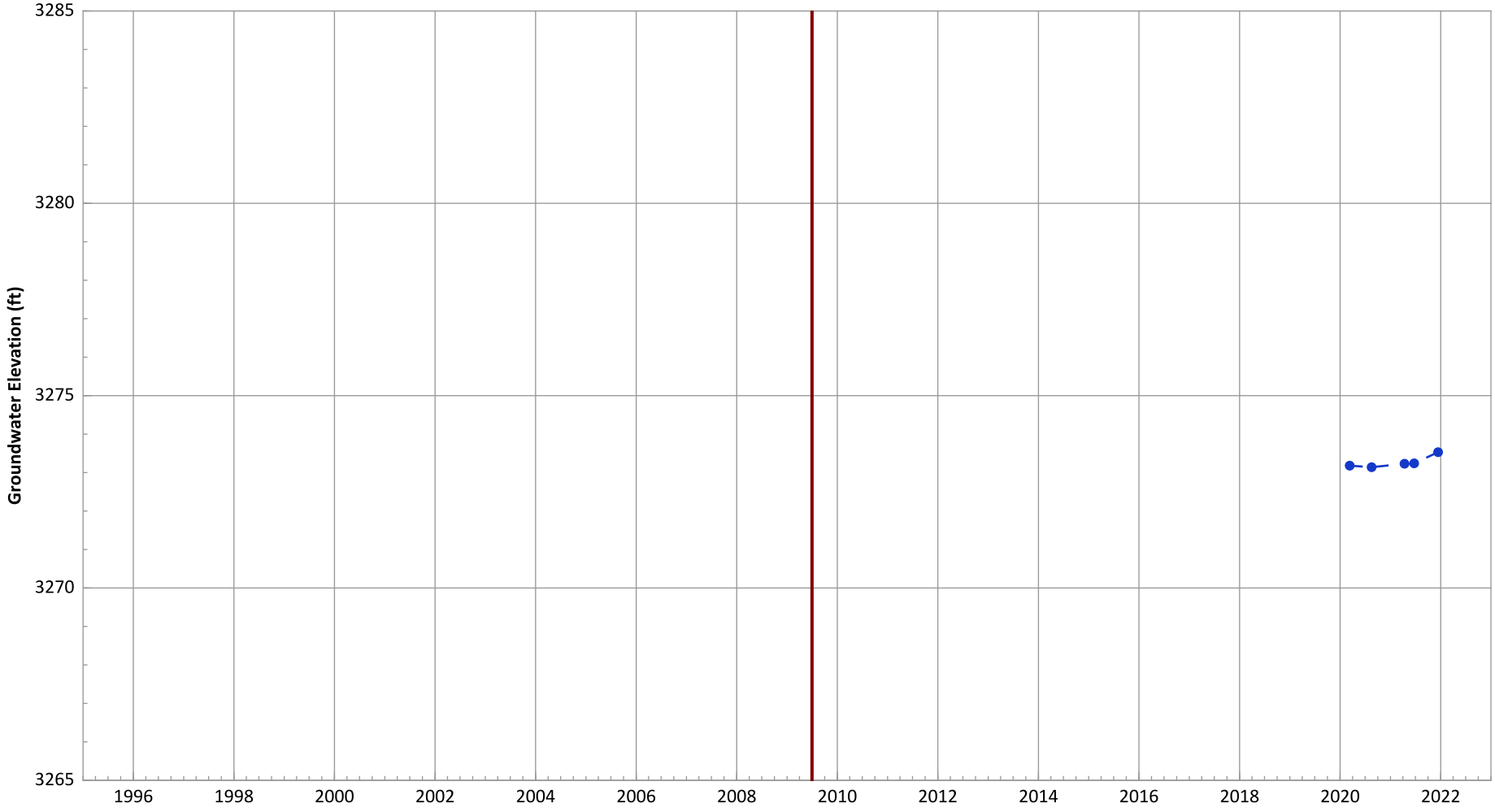
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB135 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

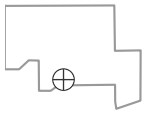


Notes:
1. Top of screen elevation is 3276.96 ft msl.
2. The bottom of screen elevation is 3251.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

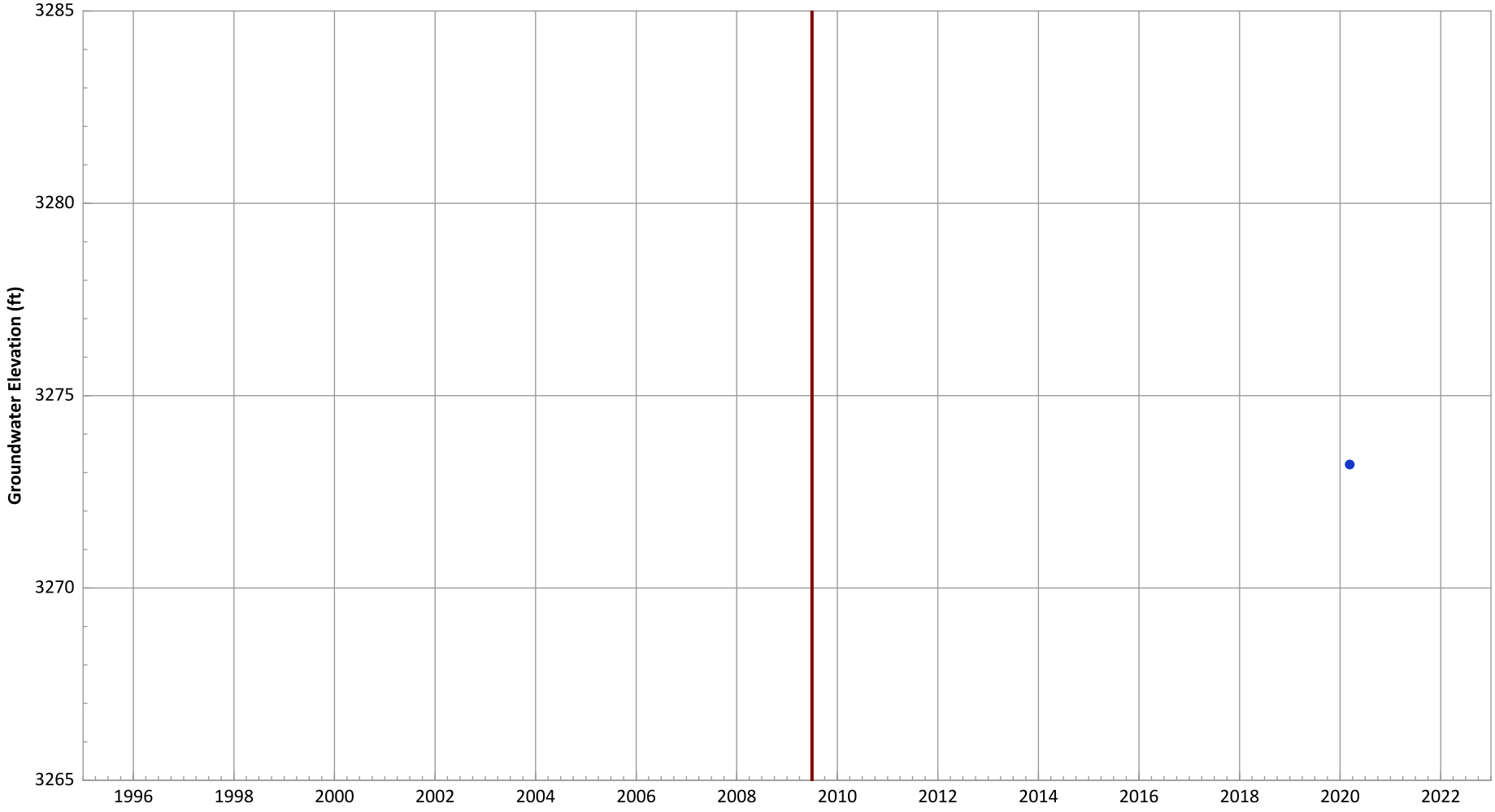
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.18 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.18 ft/yr

PTX06-ISB136 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

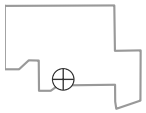


Notes:
1. Top of screen elevation is 3273.89 ft msl.
2. The bottom of screen elevation is 3248.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

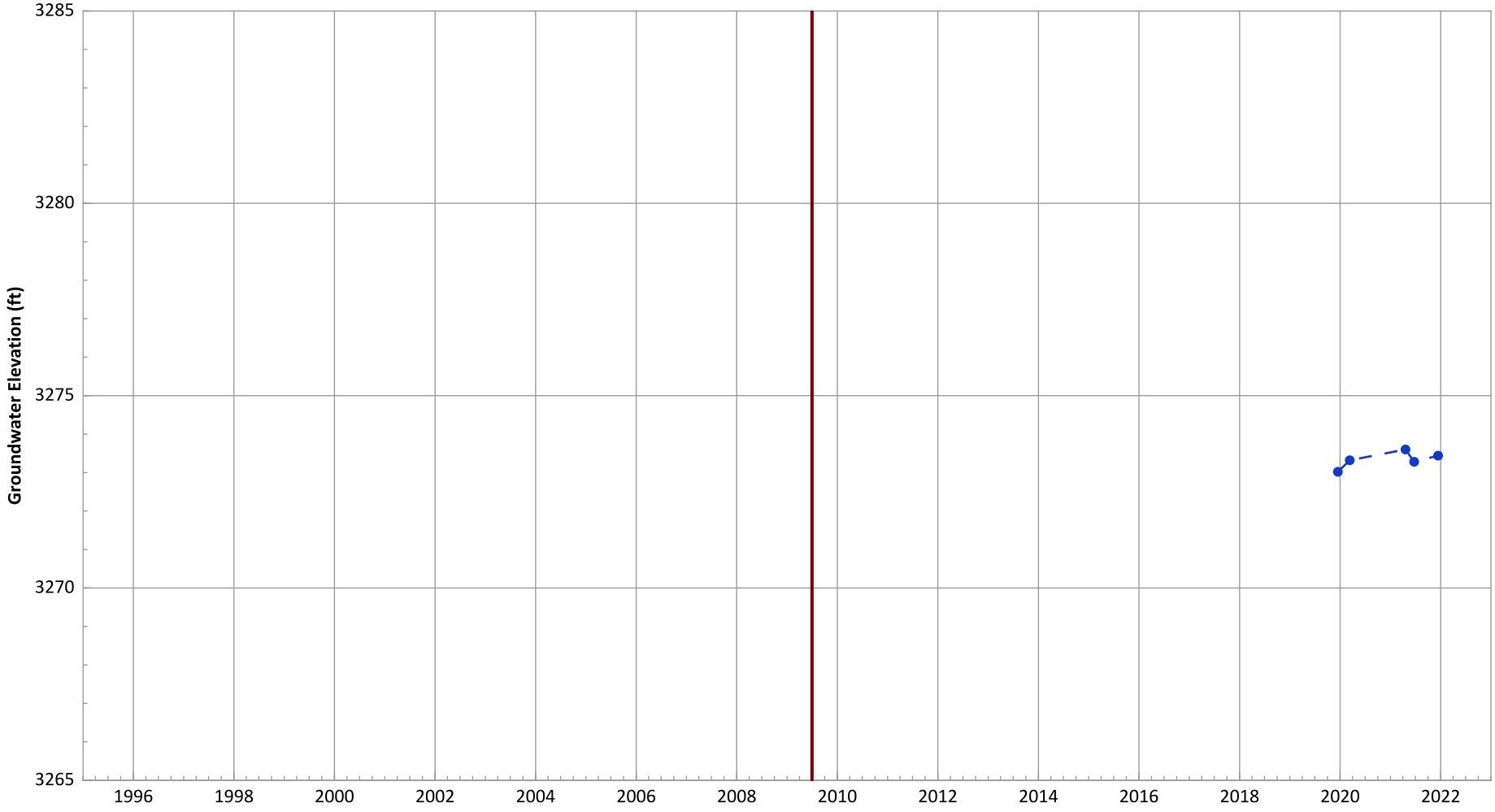
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB137 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

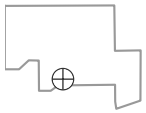


Notes:
1. Top of screen elevation is 3275.19 ft msl.
2. The bottom of screen elevation is 3250.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

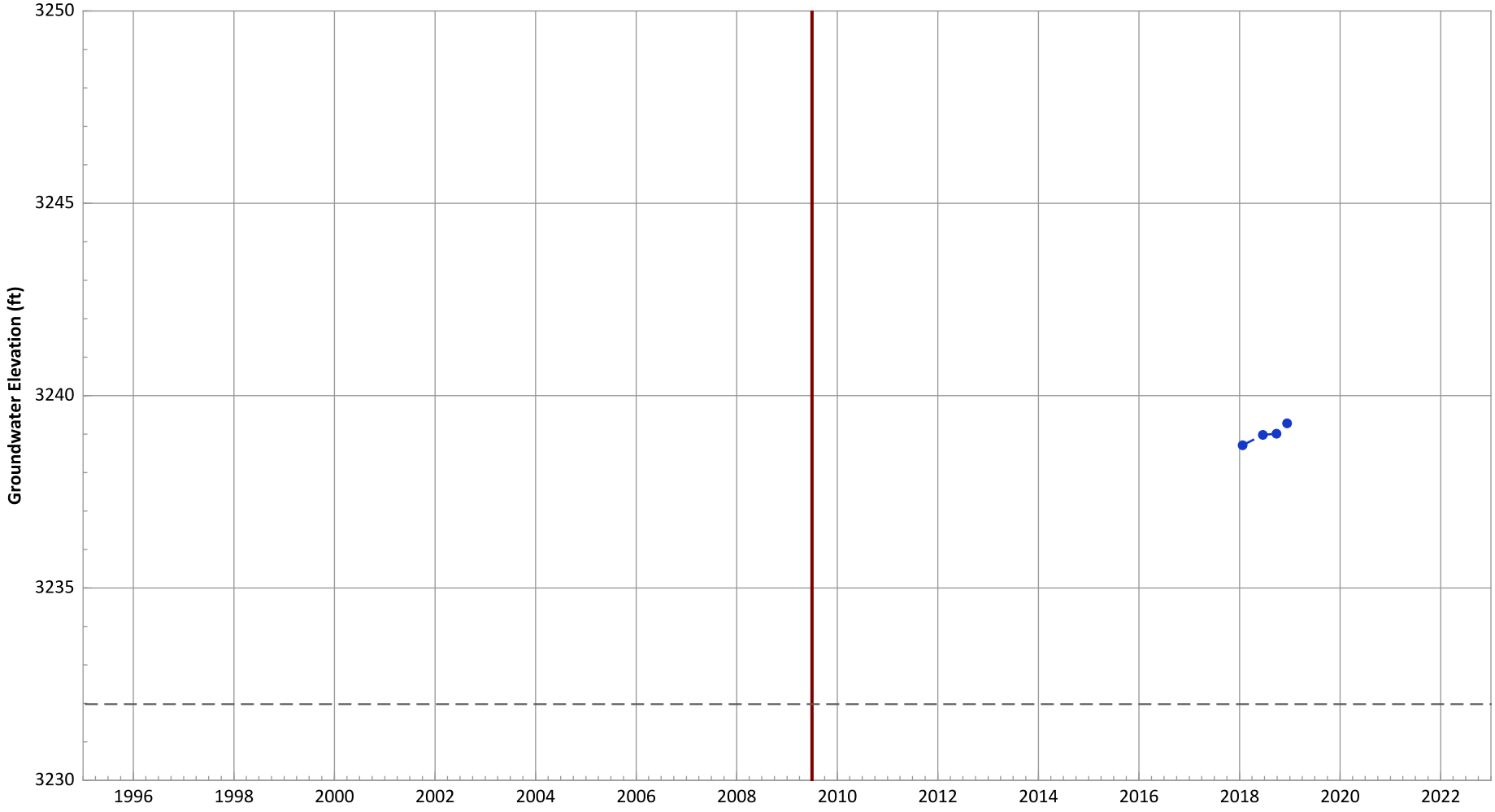
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB301 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

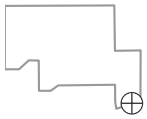


Notes:
1. Top of screen elevation is 3241.98 ft msl.
2. The bottom of screen elevation is 3231.98 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.59 ft/yr

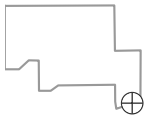
PTX06-ISB302 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.2 ft msl.
2. The bottom of screen elevation is 3233.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.13 ft/yr

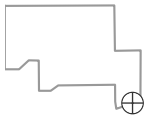
PTX06-ISB303 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.18 ft msl.
2. The bottom of screen elevation is 3233.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.32 ft/yr

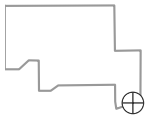
PTX06-ISB304 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.33 ft msl.
2. The bottom of screen elevation is 3233.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

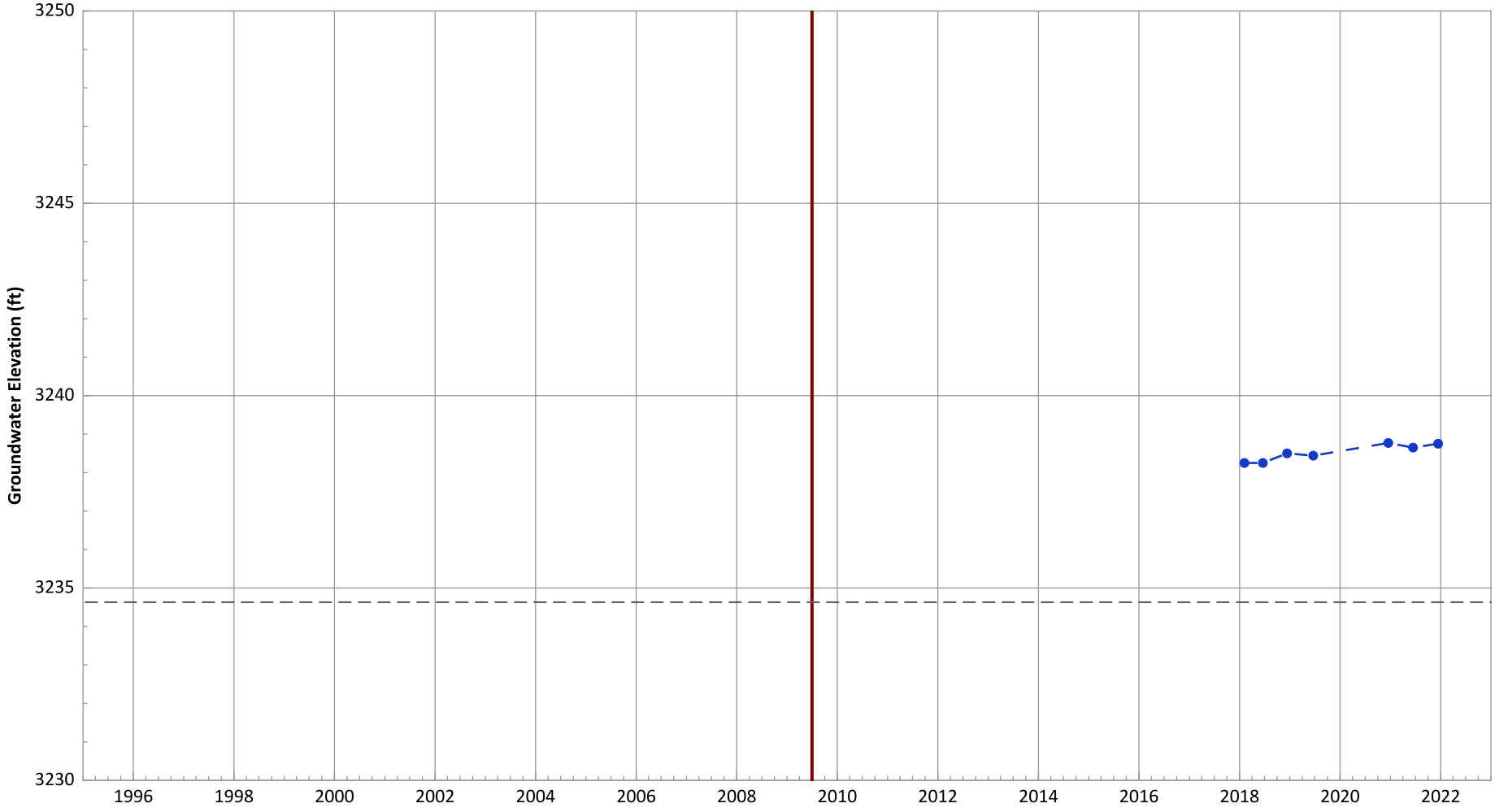
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB305 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

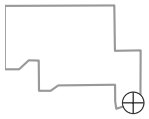


Notes:
1. Top of screen elevation is 3244.63 ft msl.
2. The bottom of screen elevation is 3234.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.13 ft/yr

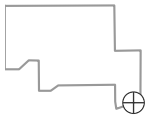
PTX06-ISB306 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.57 ft msl.
2. The bottom of screen elevation is 3232.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

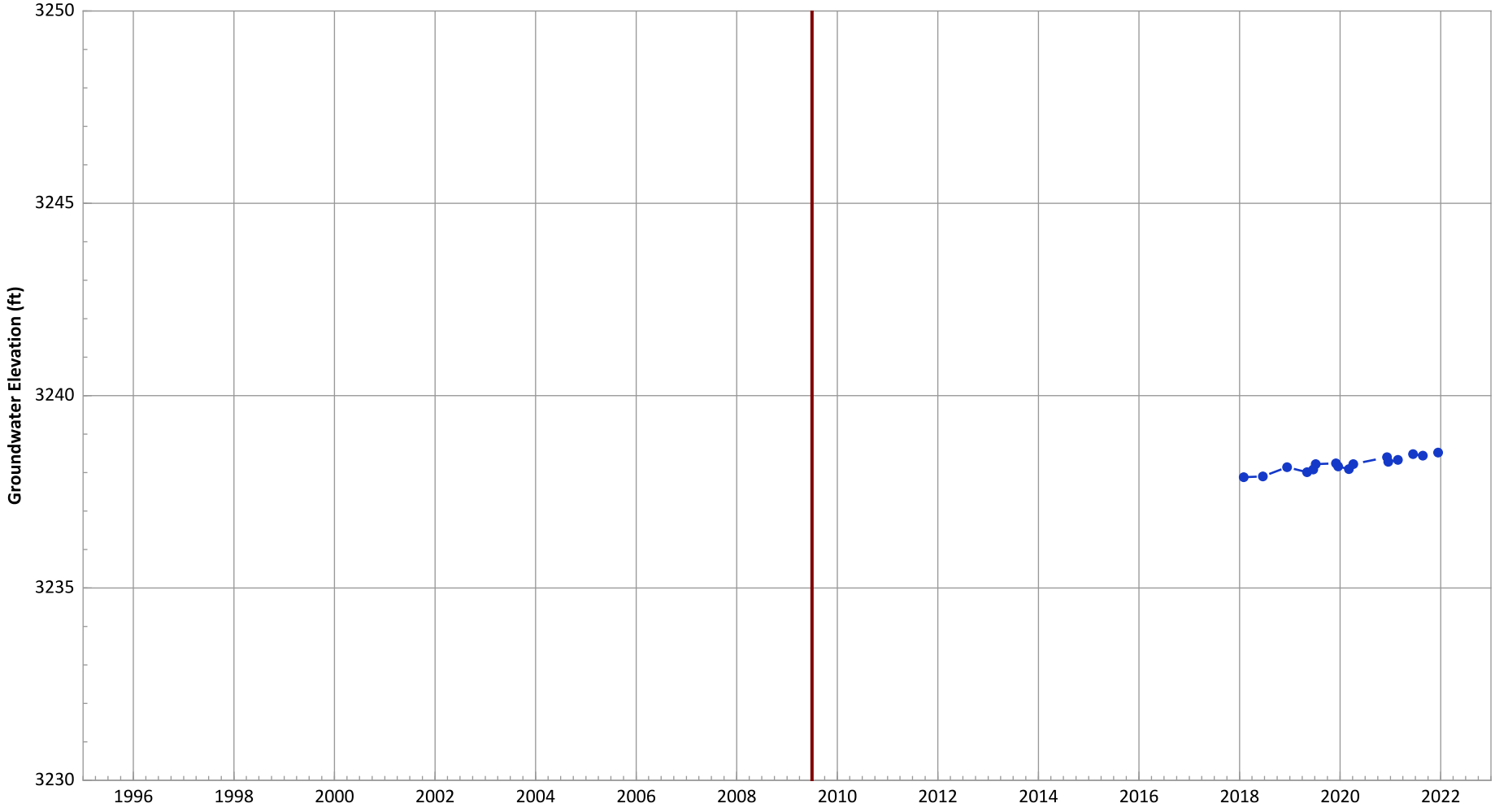
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB307 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

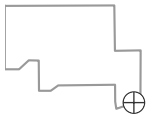


Notes:
1. Top of screen elevation is 3239.6 ft msl.
2. The bottom of screen elevation is 3229.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.21 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.16 ft/yr

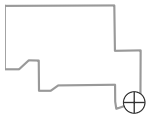
PTX06-ISB308 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.7 ft msl.
2. The bottom of screen elevation is 3232.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

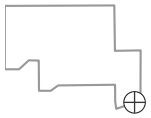
PTX06-ISB309 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.84 ft msl.
2. The bottom of screen elevation is 3232.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.3 ft/yr

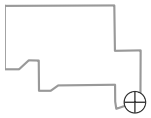
PTX06-ISB310 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.8 ft msl.
2. The bottom of screen elevation is 3232.8 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

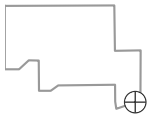
PTX06-ISB311 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.84 ft msl.
2. The bottom of screen elevation is 3232.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.24 ft/yr

PTX06-ISB312 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3243.86 ft msl.
2. The bottom of screen elevation is 3233.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.21 ft/yr

PTX06-ISB313 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3244.83 ft msl.
2. The bottom of screen elevation is 3234.83 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.42 ft/yr

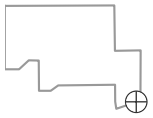
PTX06-ISB314 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3242.94 ft msl.
2. The bottom of screen elevation is 3232.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

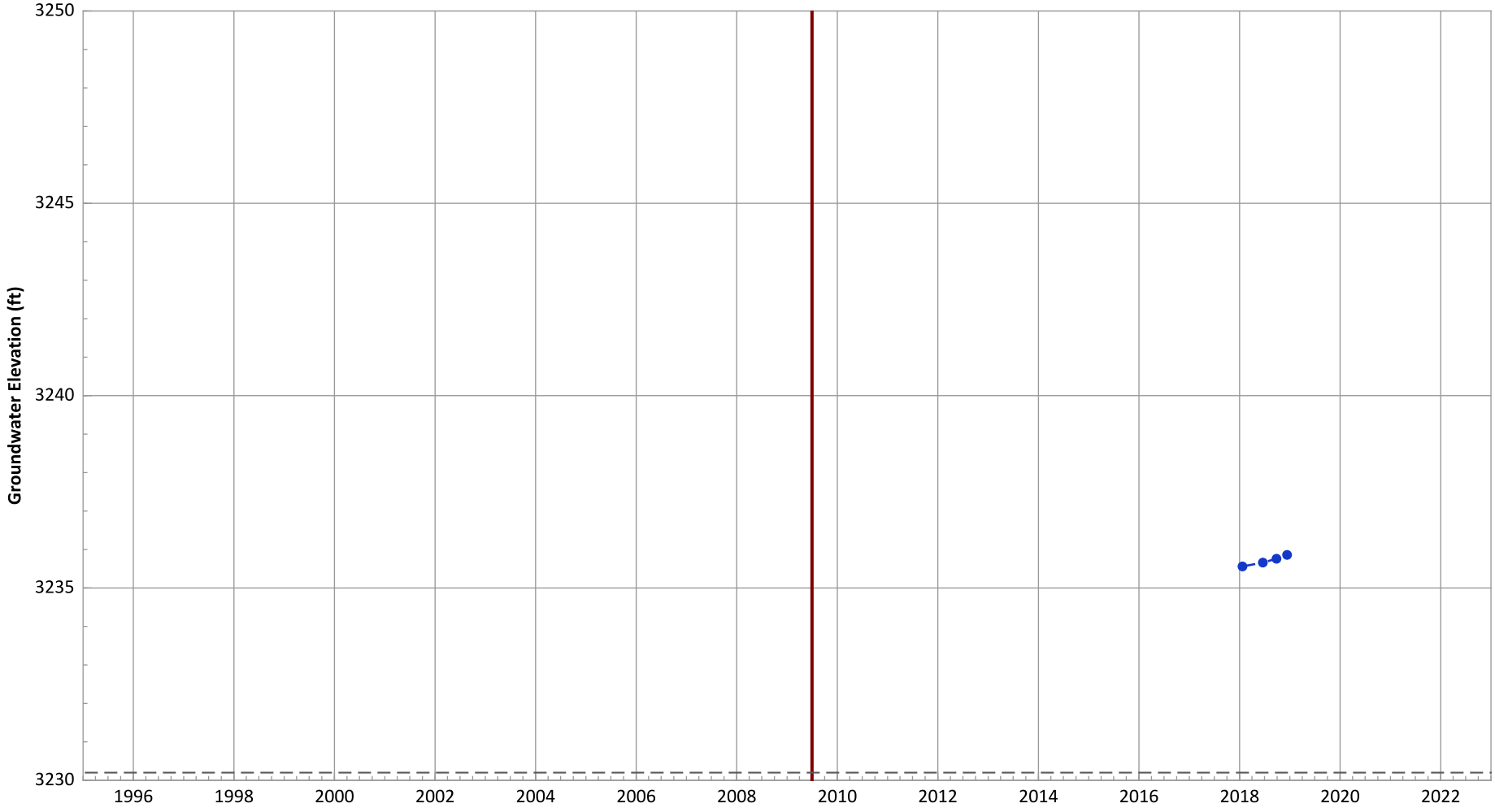
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB315 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3240.2 ft msl.
2. The bottom of screen elevation is 3230.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.33 ft/yr

PTX06-ISB316 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3239.12 ft msl.
2. The bottom of screen elevation is 3229.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

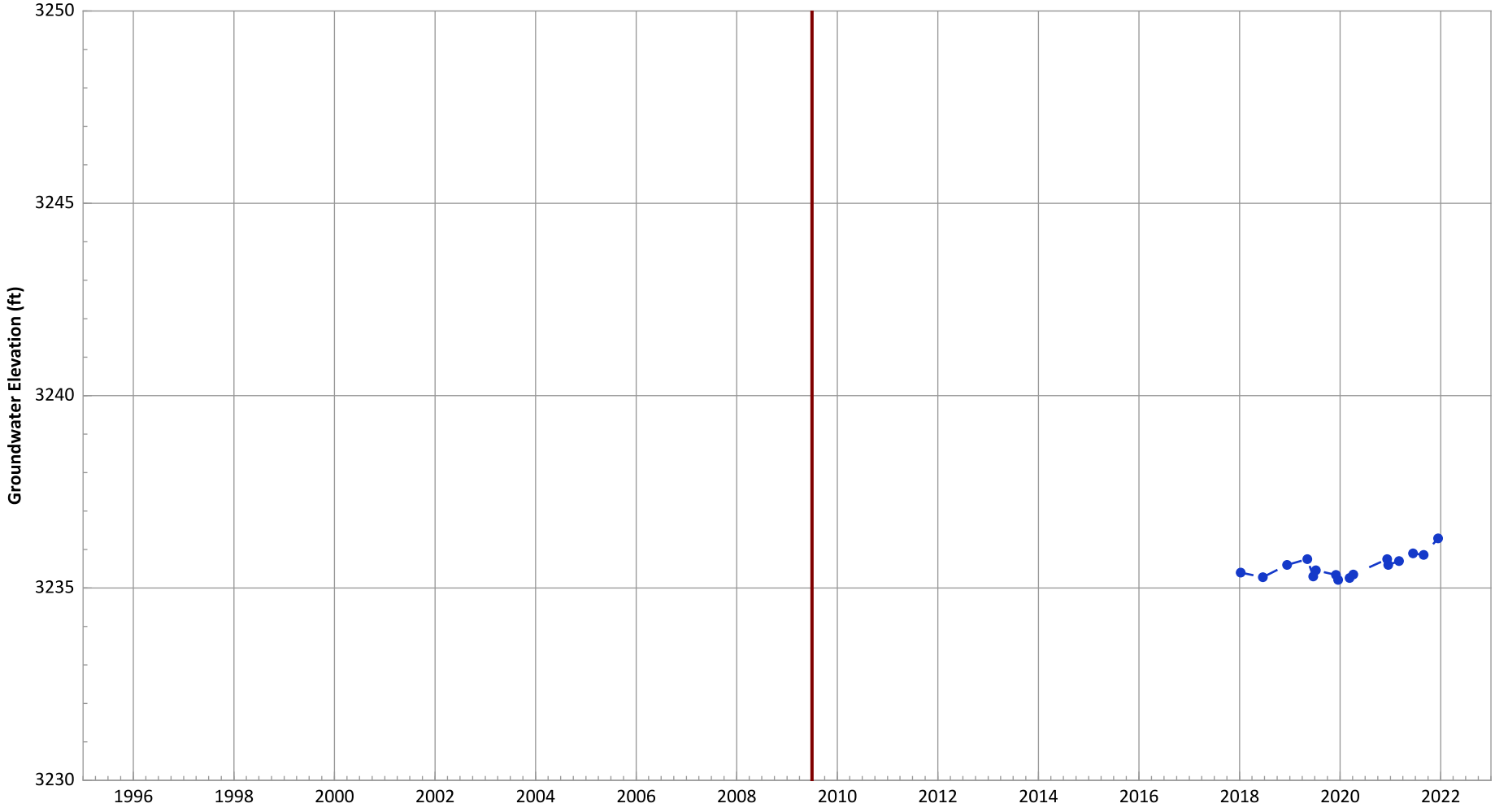
Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB317 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3231.06 ft msl.
2. The bottom of screen elevation is 3221.06 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

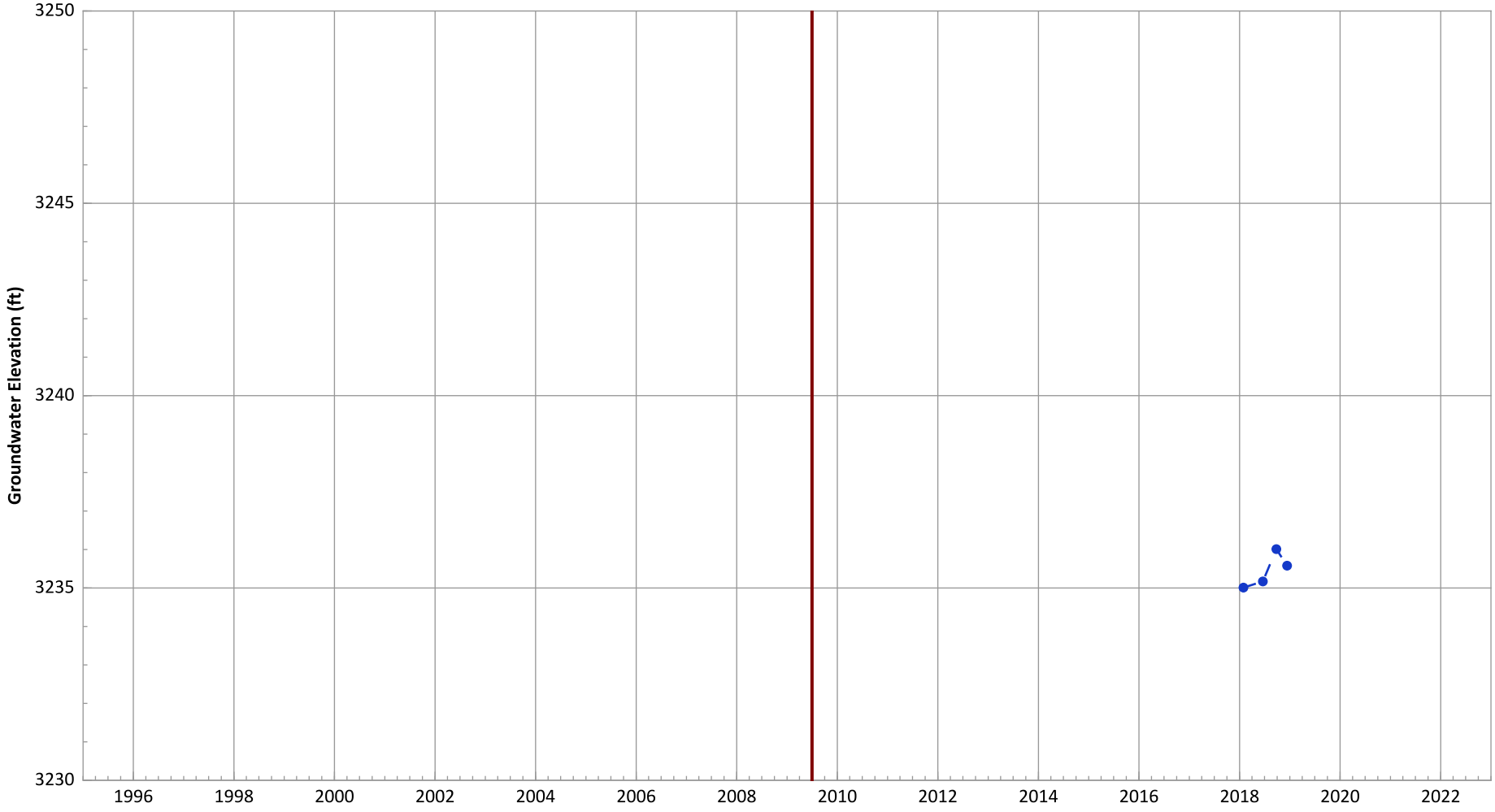
Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.5 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB318 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

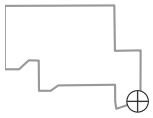


Notes:
1. Top of screen elevation is 3236.02 ft msl.
2. The bottom of screen elevation is 3226.02 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

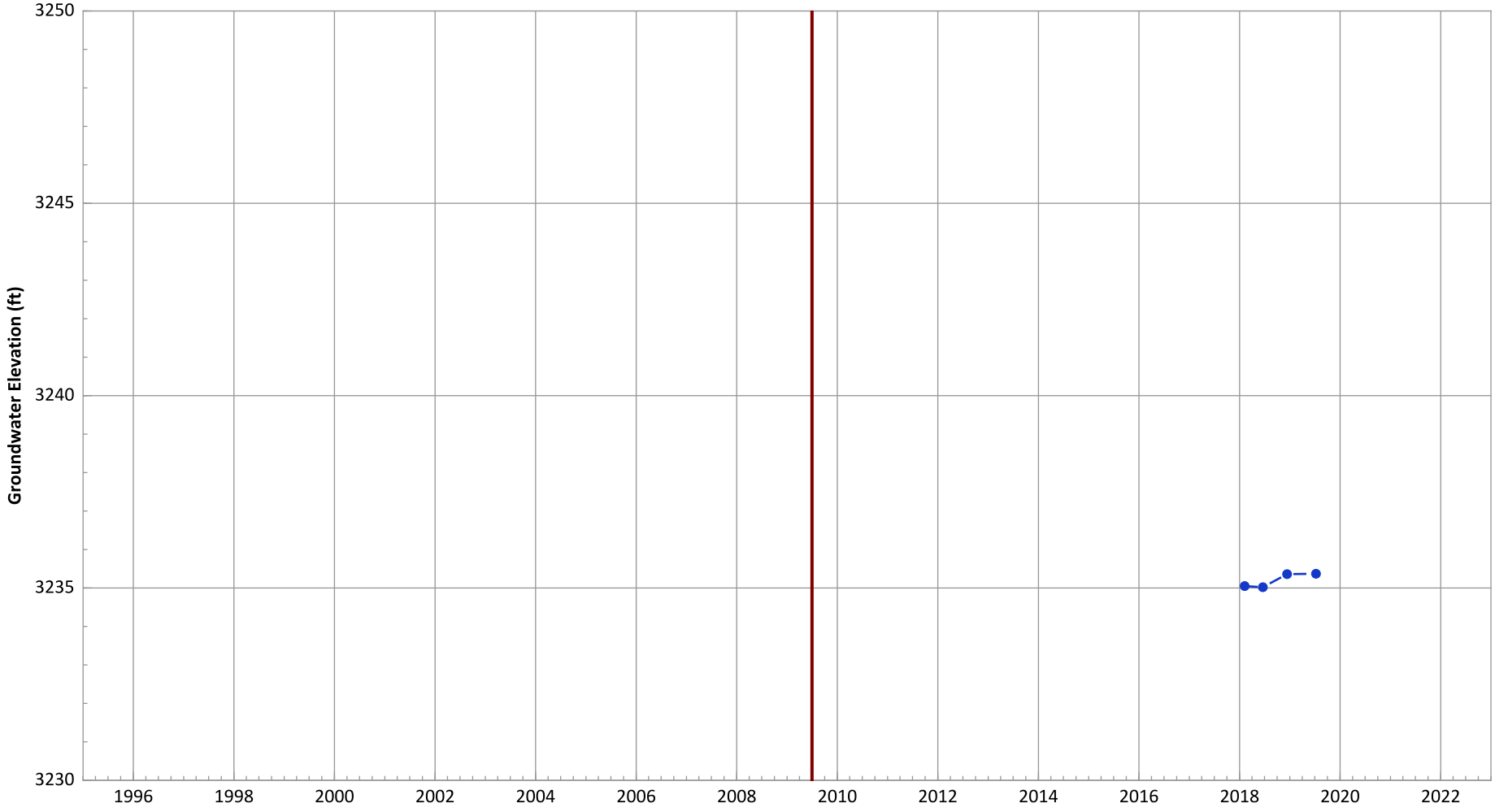
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.92 ft/yr

PTX06-ISB319 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

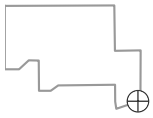


Notes:
1. Top of screen elevation is 3235.66 ft msl.
2. The bottom of screen elevation is 3225.66 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.27 ft/yr

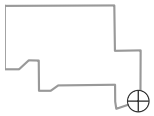
PTX06-ISB320 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3238.03 ft msl.
2. The bottom of screen elevation is 3228.03 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

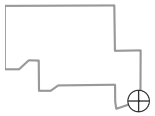
PTX06-ISB321 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3236.09 ft msl.
2. The bottom of screen elevation is 3226.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

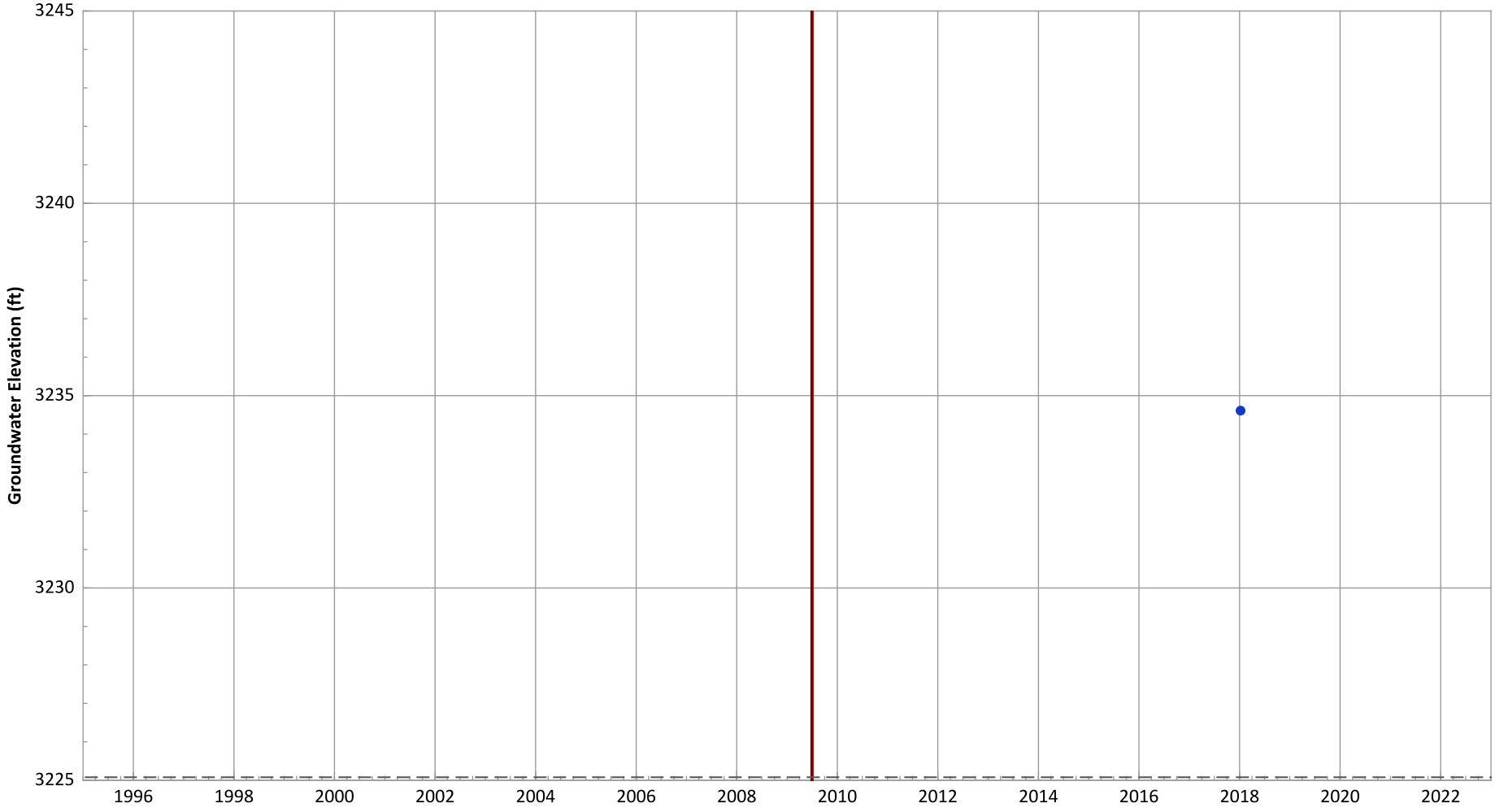
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.26 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB322 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

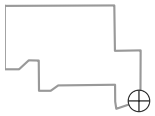


Notes:
1. Top of screen elevation is 3235.08 ft msl.
2. The bottom of screen elevation is 3225.08 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

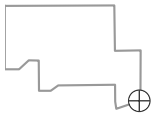
PTX06-ISB323 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3238.12 ft msl.
2. The bottom of screen elevation is 3228.12 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.14 ft/yr

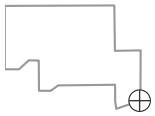
PTX06-ISB324 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3238.23 ft msl.
2. The bottom of screen elevation is 3228.23 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

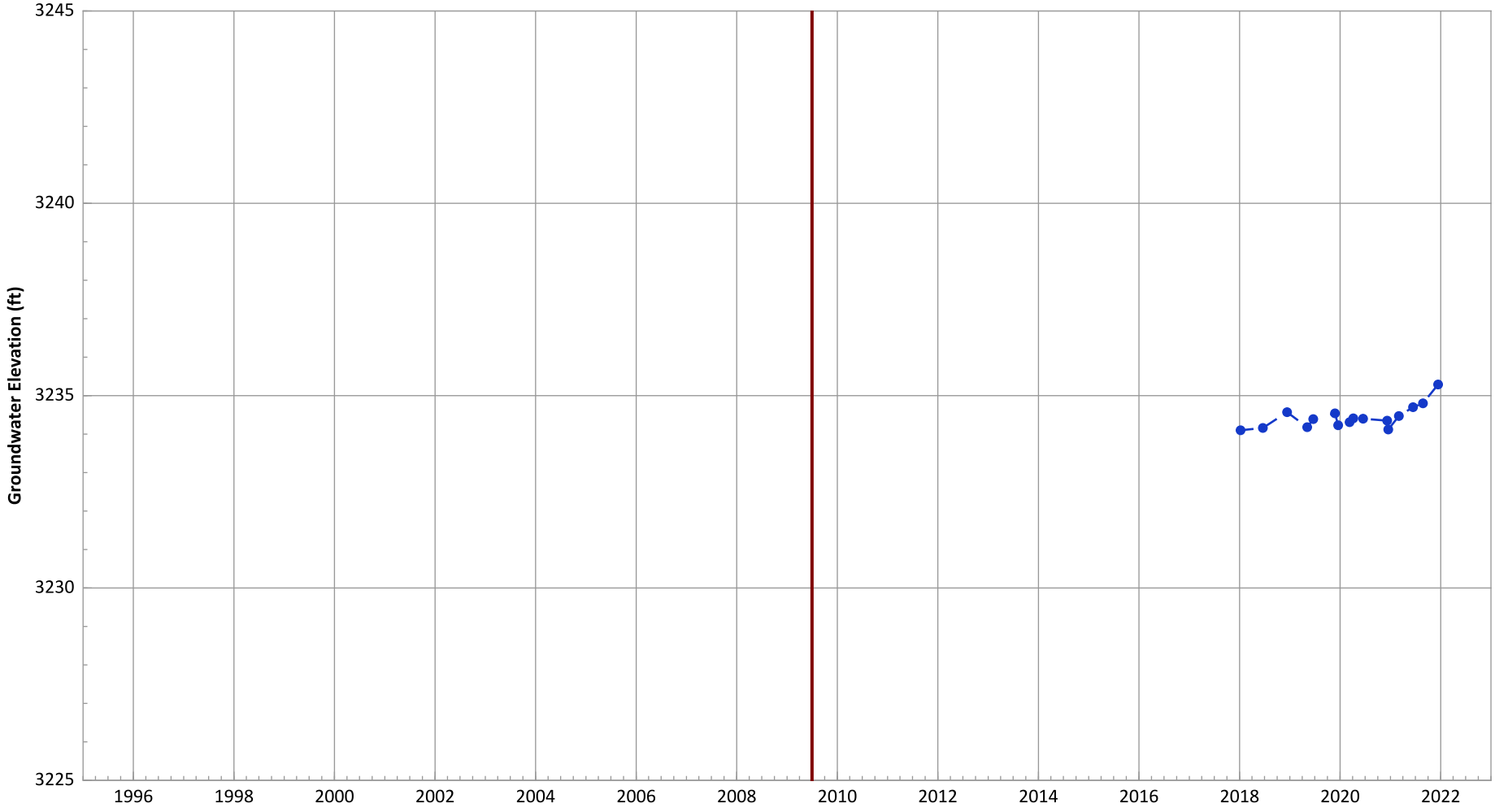
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.52 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB325 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

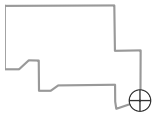


Notes:
1. Top of screen elevation is 3233.2 ft msl.
2. The bottom of screen elevation is 3223.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

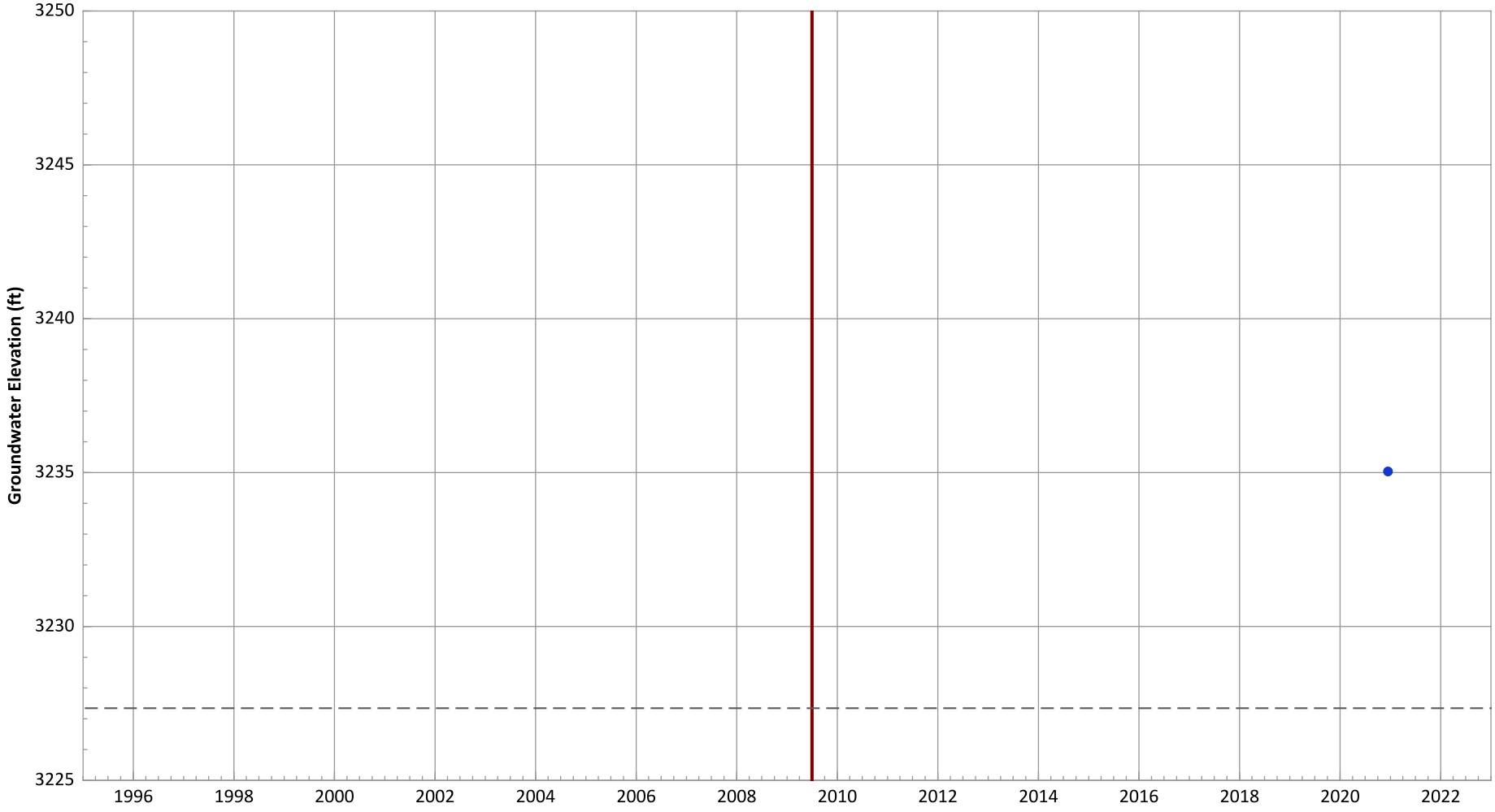
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.43 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX06-ISB327 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

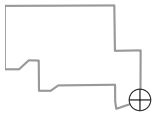


Notes:
1. Top of screen elevation is 3242.34 ft msl.
2. The bottom of screen elevation is 3227.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

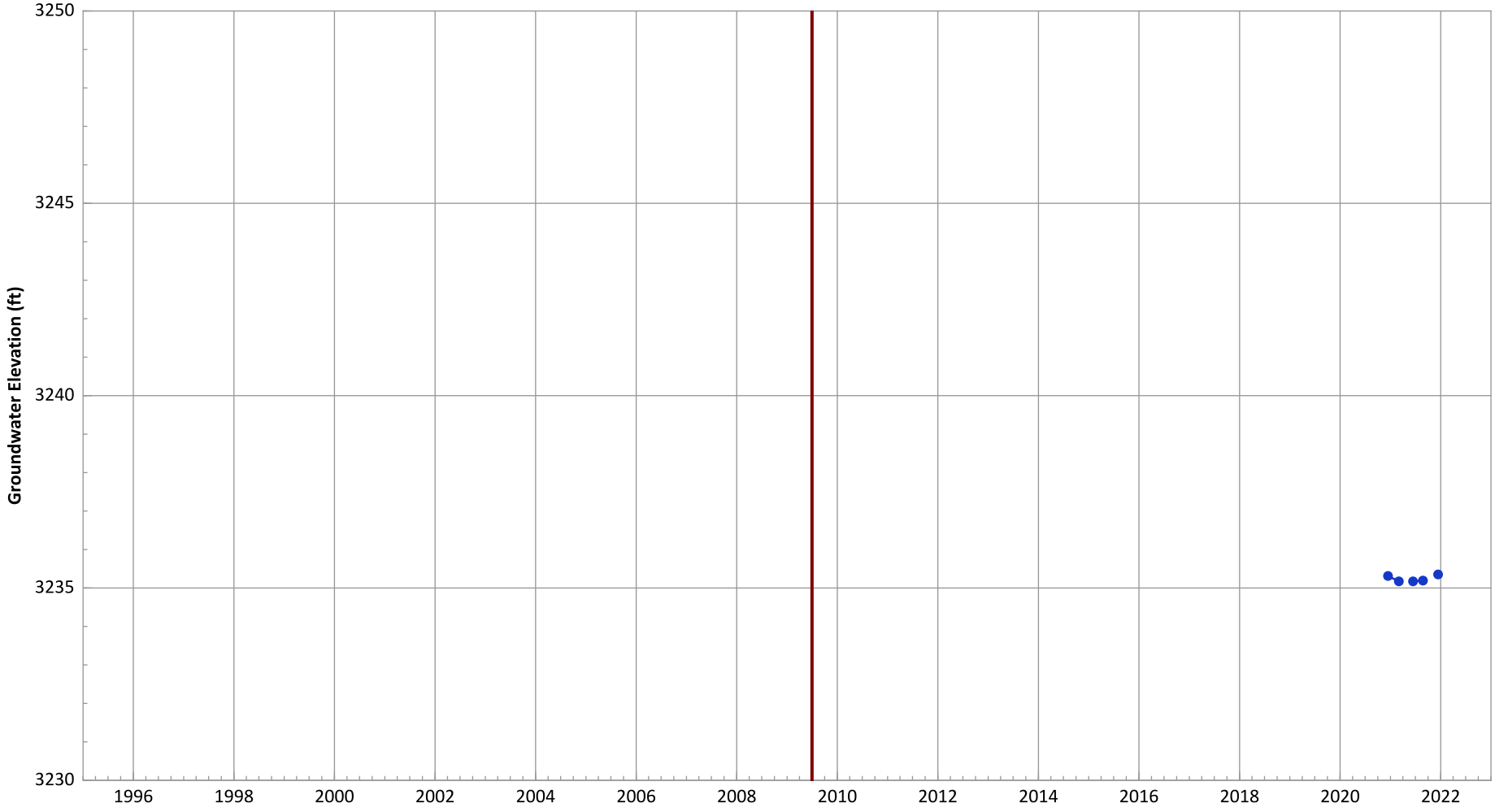
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB329 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

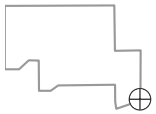


Notes:
1. Top of screen elevation is 3242.85 ft msl.
2. The bottom of screen elevation is 3227.85 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

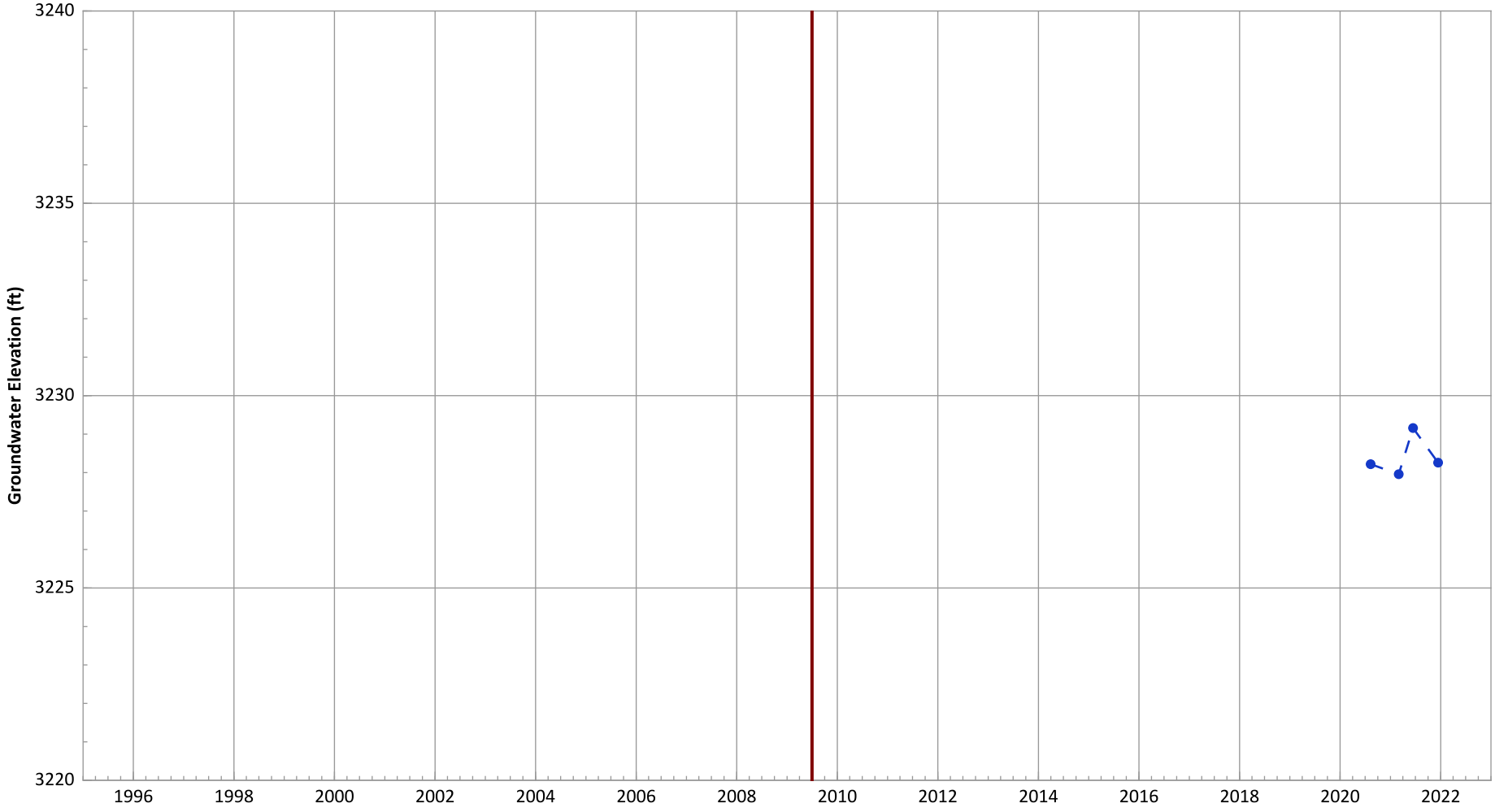
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-ISB401 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

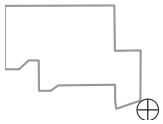


Notes:
1. Top of screen elevation is 3239.2 ft msl.
2. The bottom of screen elevation is 3219.2 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

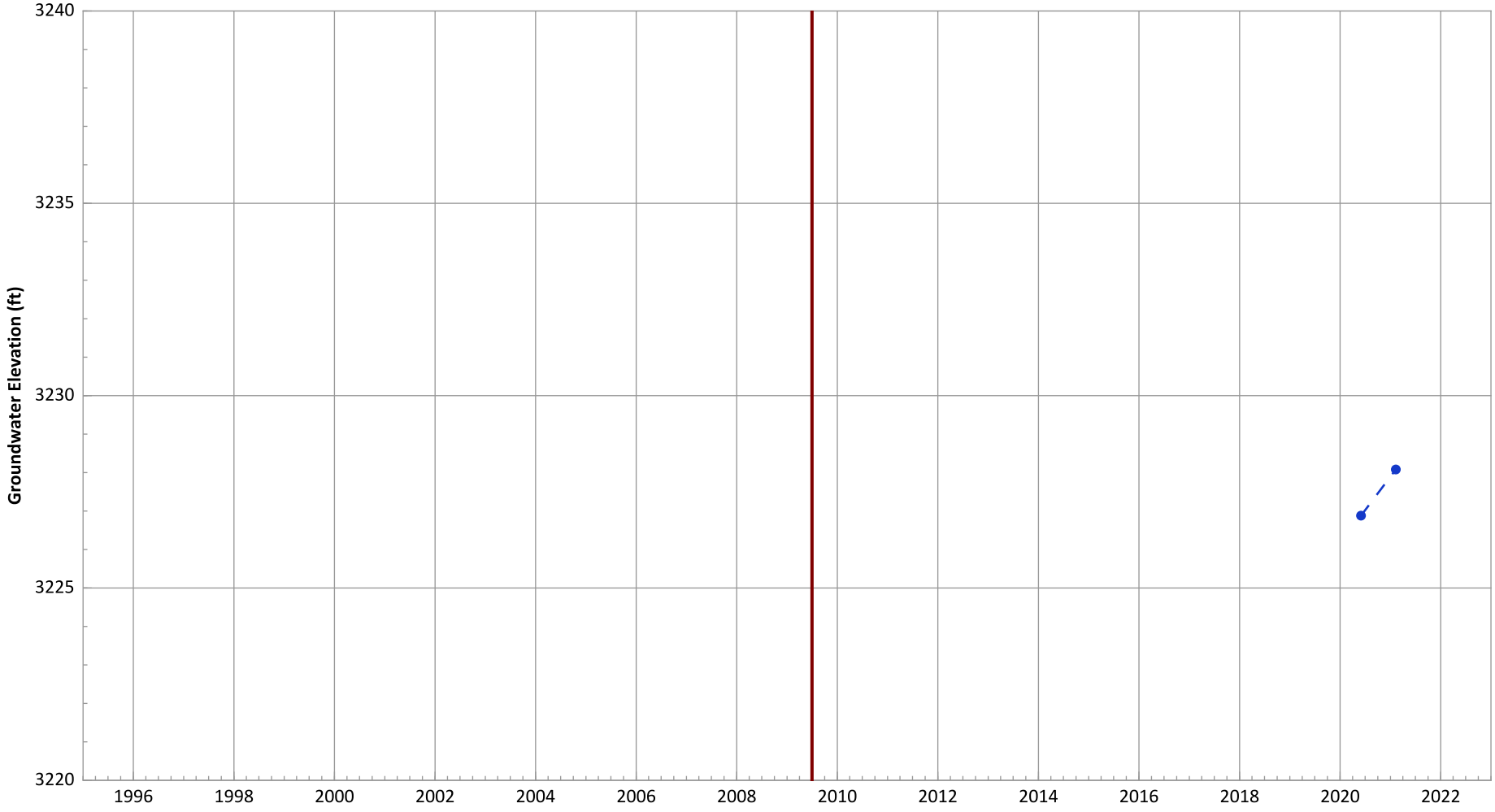
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.22 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.22 ft/yr

PTX06-ISB402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

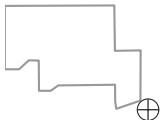


Notes:
1. Top of screen elevation is 3235.46 ft msl.
2. The bottom of screen elevation is 3215.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

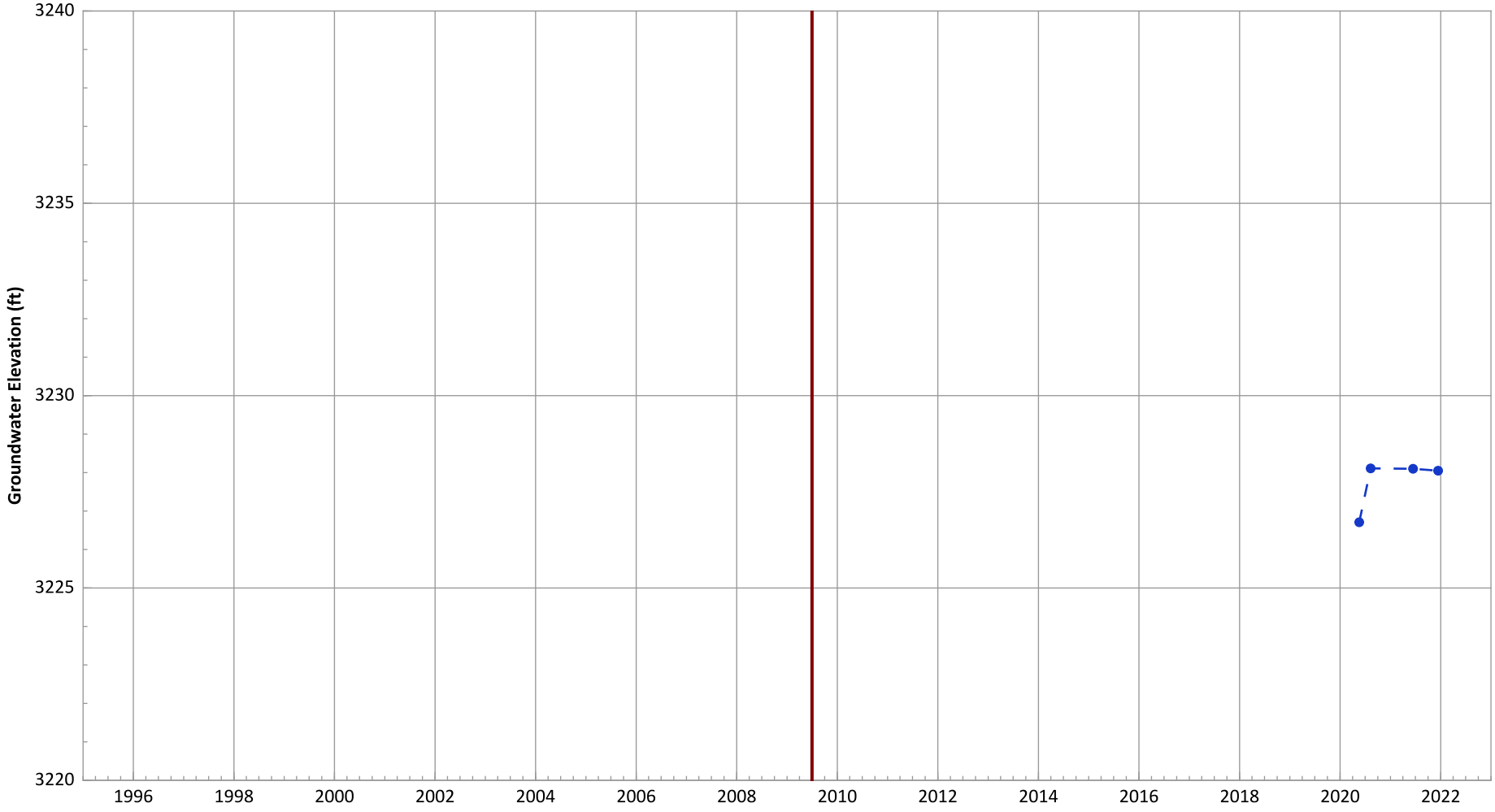
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB404 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

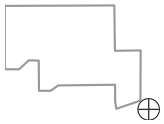


Notes:
1. Top of screen elevation is 3234.27 ft msl.
2. The bottom of screen elevation is 3214.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

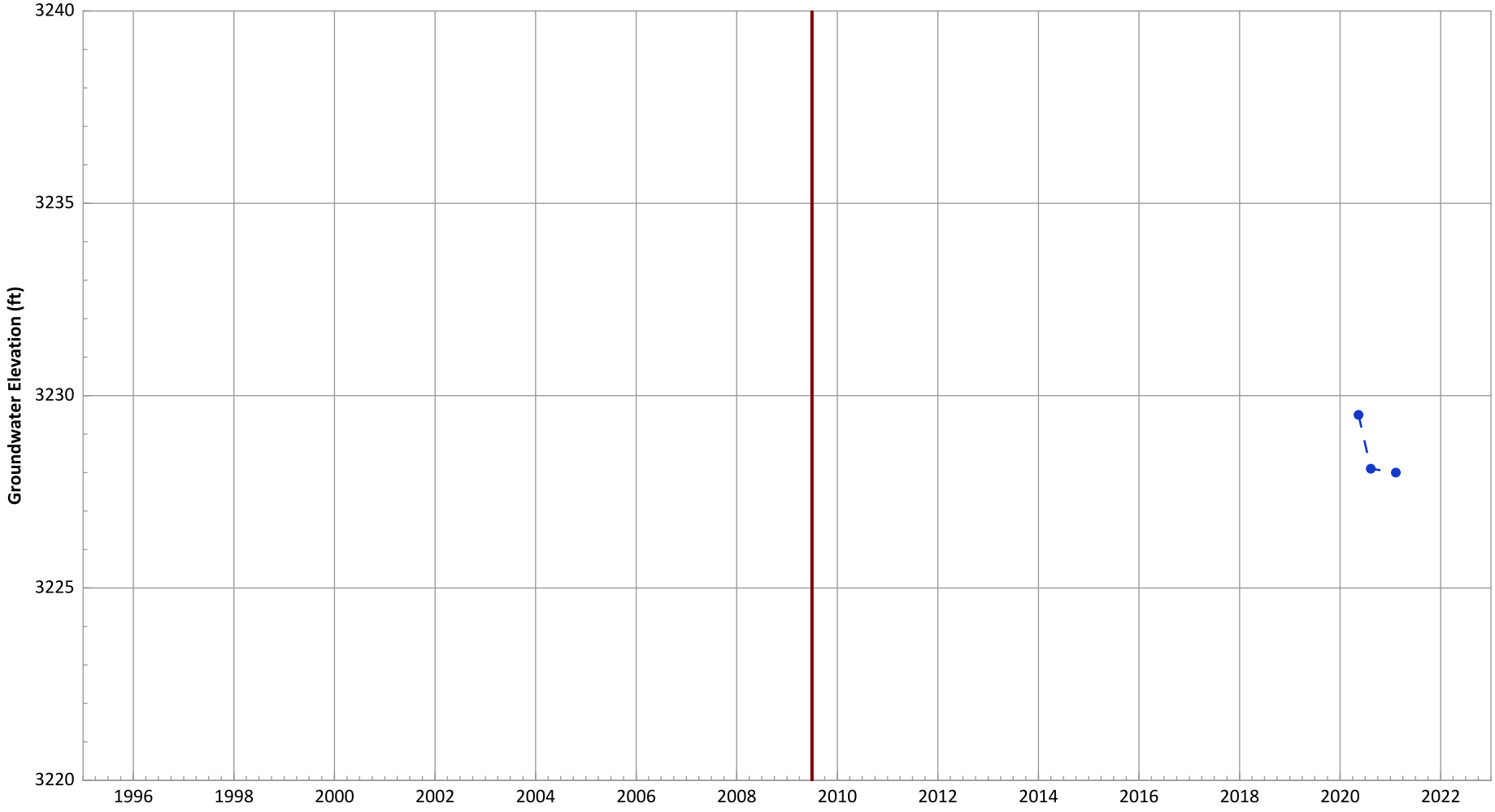
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.59 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.59 ft/yr

PTX06-ISB406 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

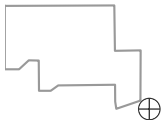


Notes:
1. Top of screen elevation is 3233.42 ft msl.
2. The bottom of screen elevation is 3213.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

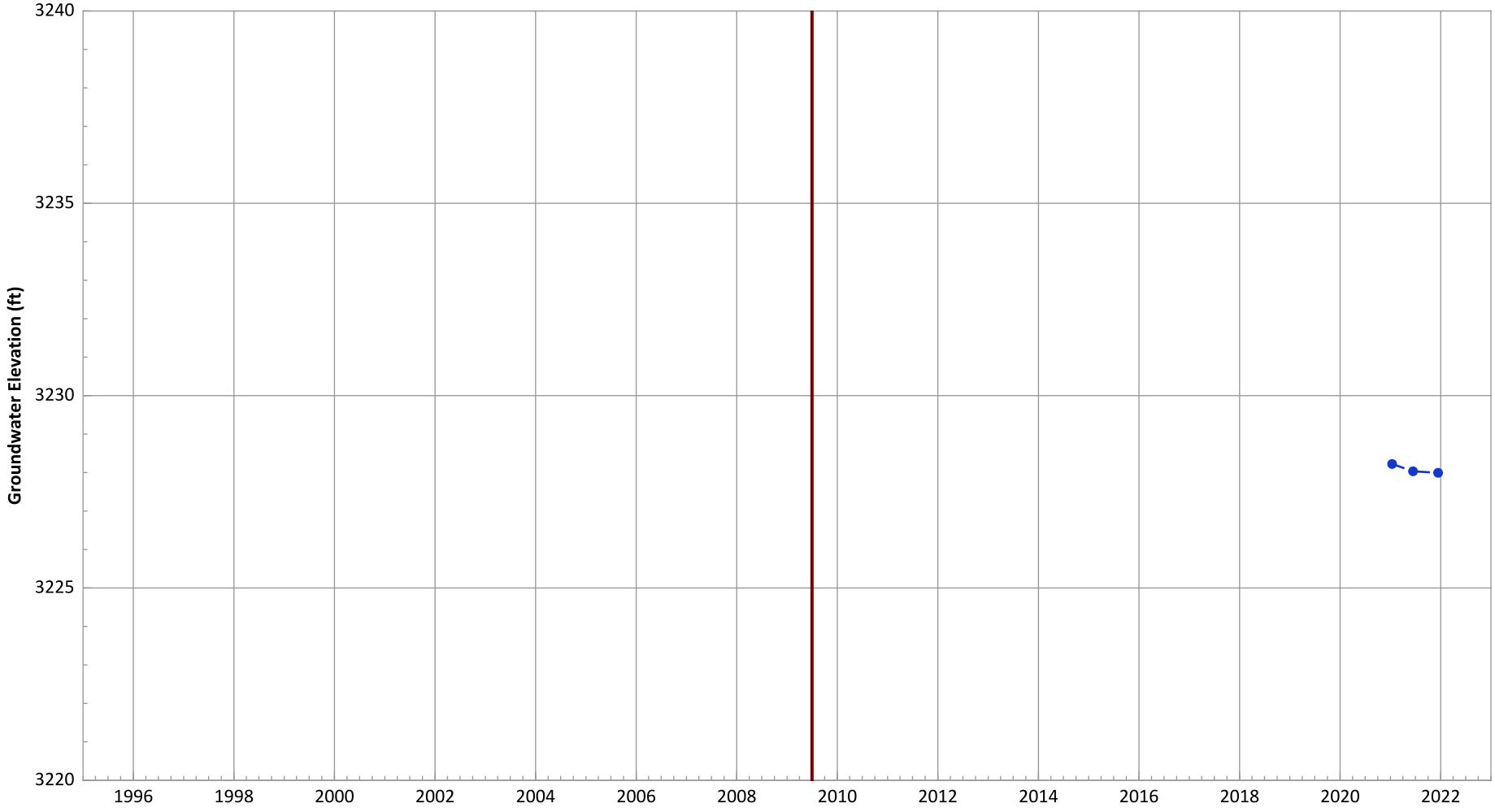
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.75 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.75 ft/yr

PTX06-ISB407 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

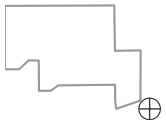


Notes:
1. Top of screen elevation is 3233.32 ft msl.
2. The bottom of screen elevation is 3213.32 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

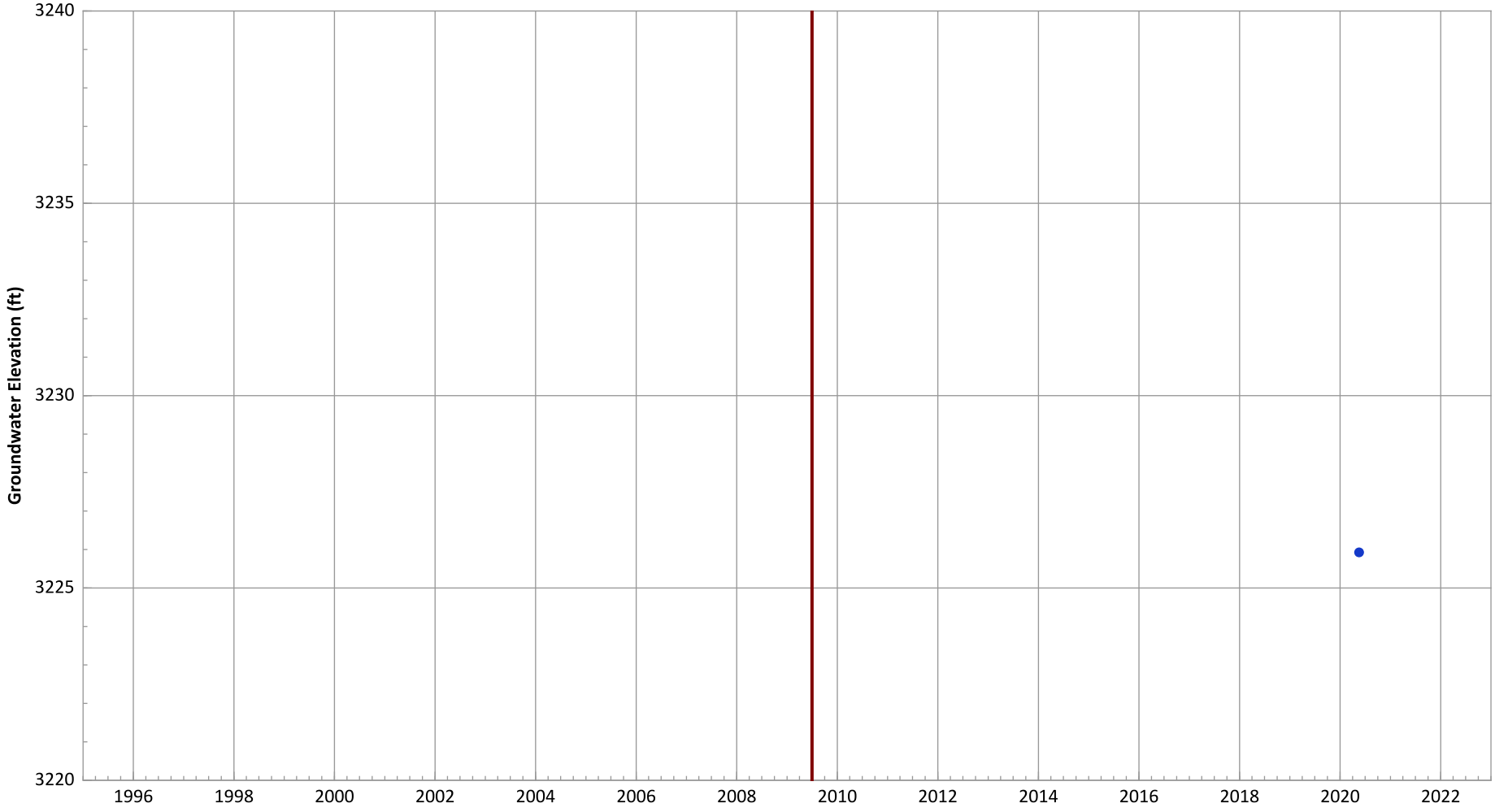
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.25 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX06-ISB408 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

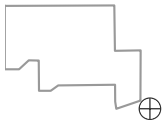


Notes:
1. Top of screen elevation is 3233.67 ft msl.
2. The bottom of screen elevation is 3213.67 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

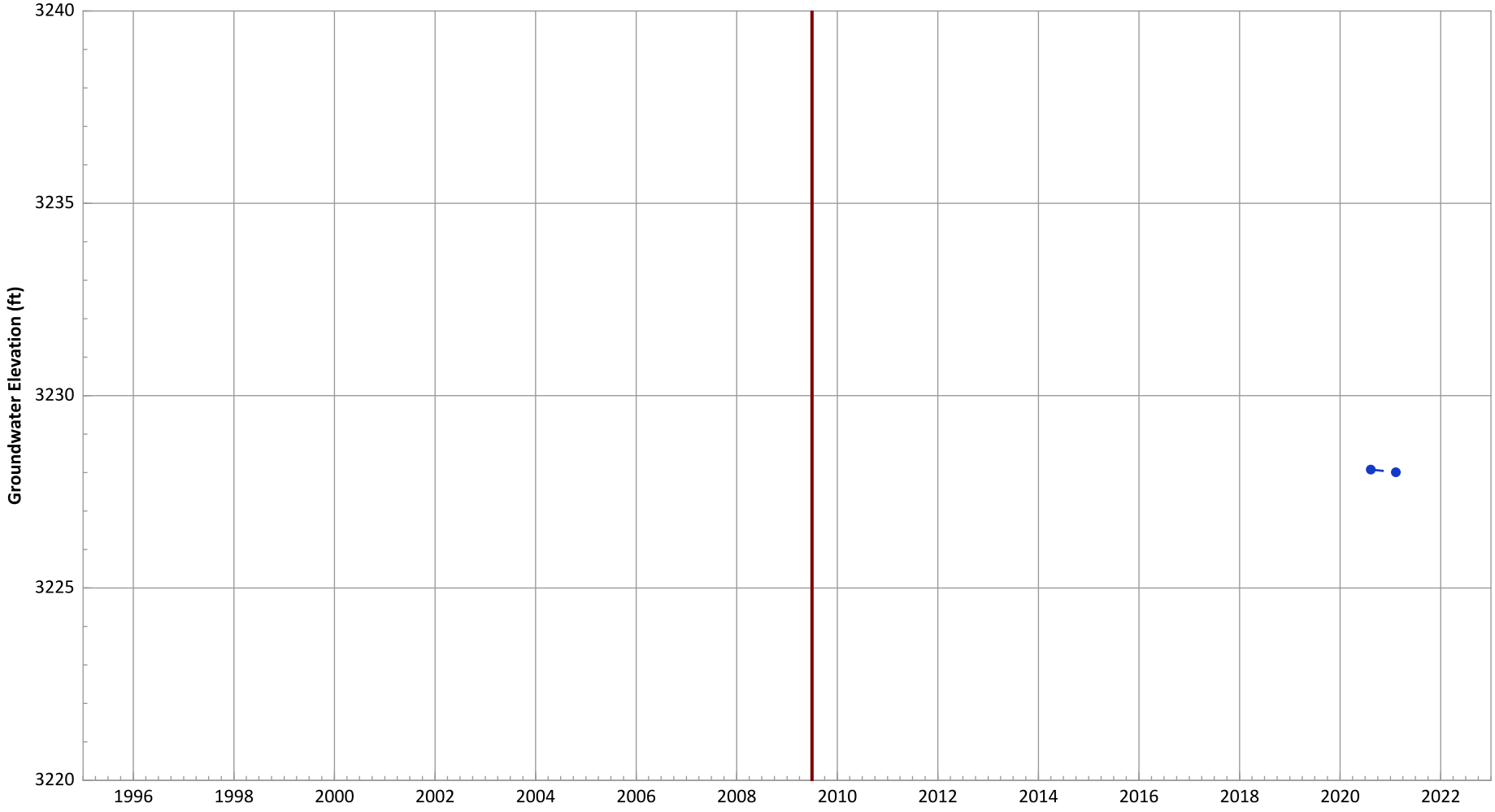
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-ISB409 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

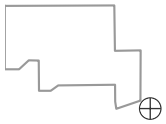


Notes:
1. Top of screen elevation is 3236.74 ft msl.
2. The bottom of screen elevation is 3216.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

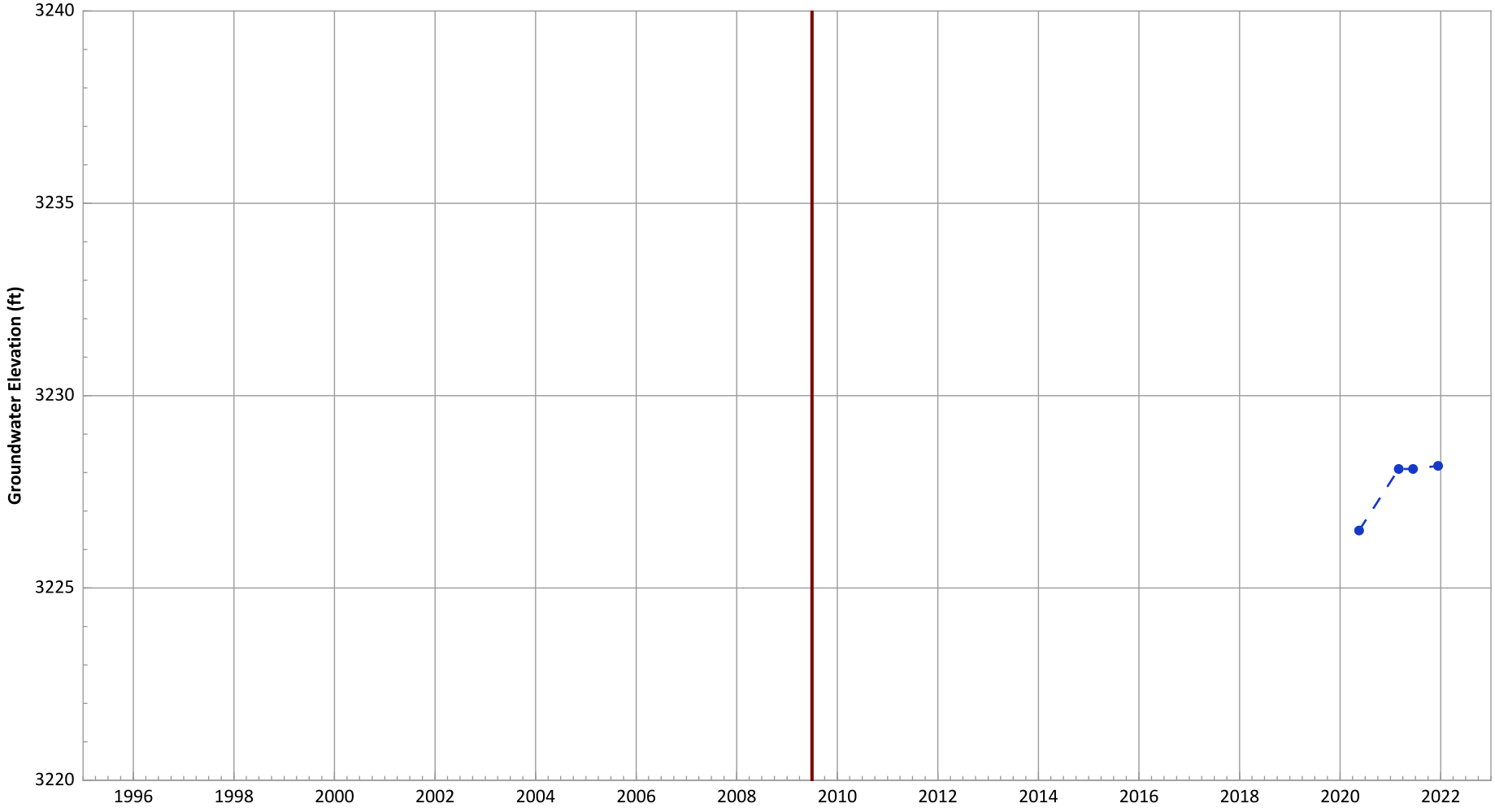
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-ISB410 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

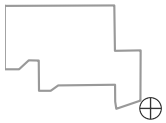


Notes:
1. Top of screen elevation is 3237.87 ft msl.
2. The bottom of screen elevation is 3217.87 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.1 ft/yr
Data (7/2009 - 1/2022): Increasing at 1.1 ft/yr

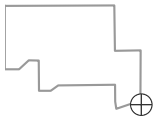
PTX06-ISB411 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3236.6 ft msl.
2. The bottom of screen elevation is 3226.6 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

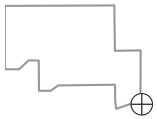
PTX06-ISB412 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3237.79 ft msl.
2. The bottom of screen elevation is 3227.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

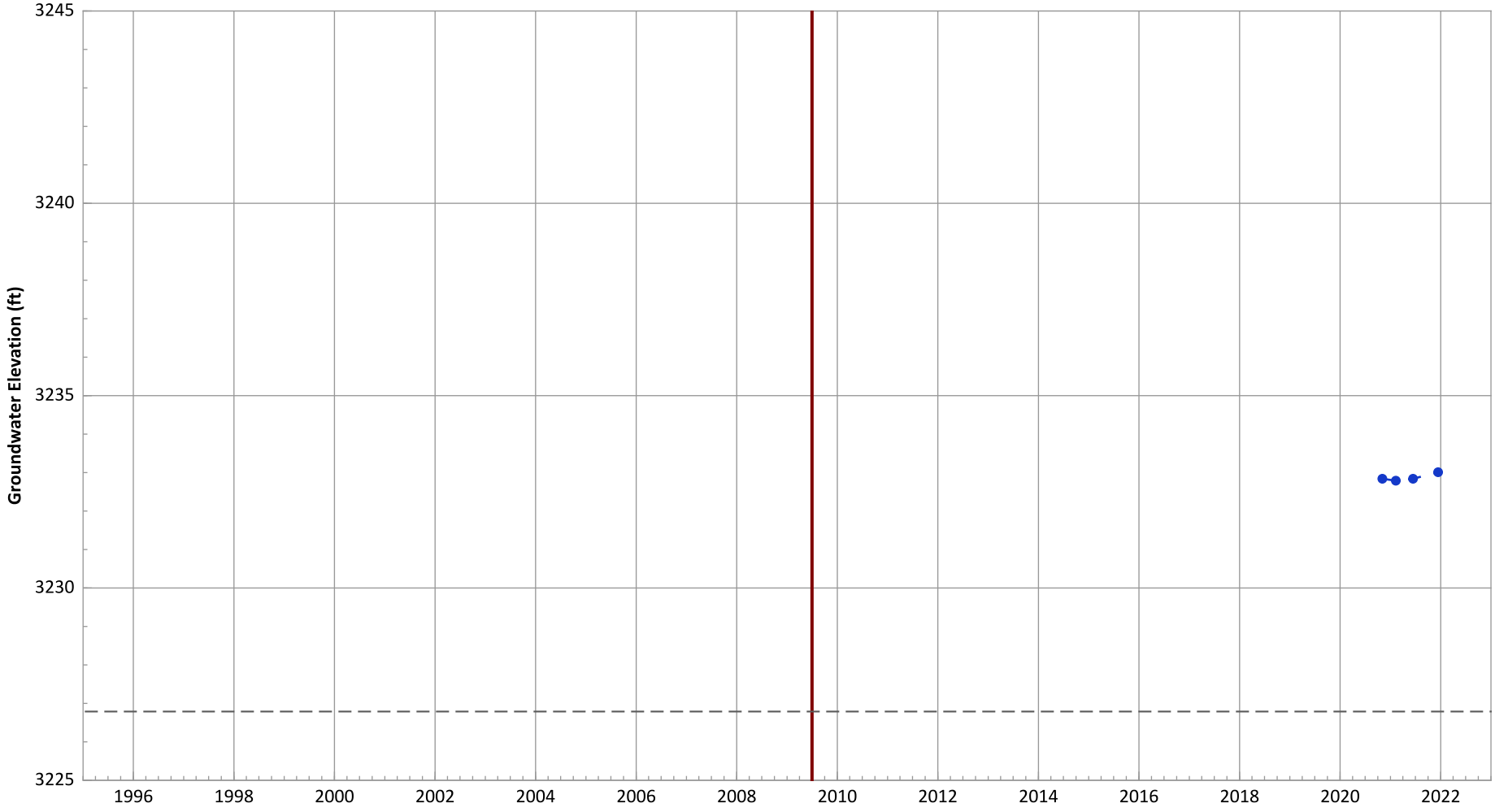
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.13 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.13 ft/yr

PTX06-ISB414 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

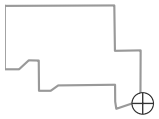


Notes:
1. Top of screen elevation is 3236.79 ft msl.
2. The bottom of screen elevation is 3226.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

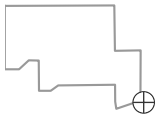
PTX06-ISB416 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3237.19 ft msl.
2. The bottom of screen elevation is 3227.19 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

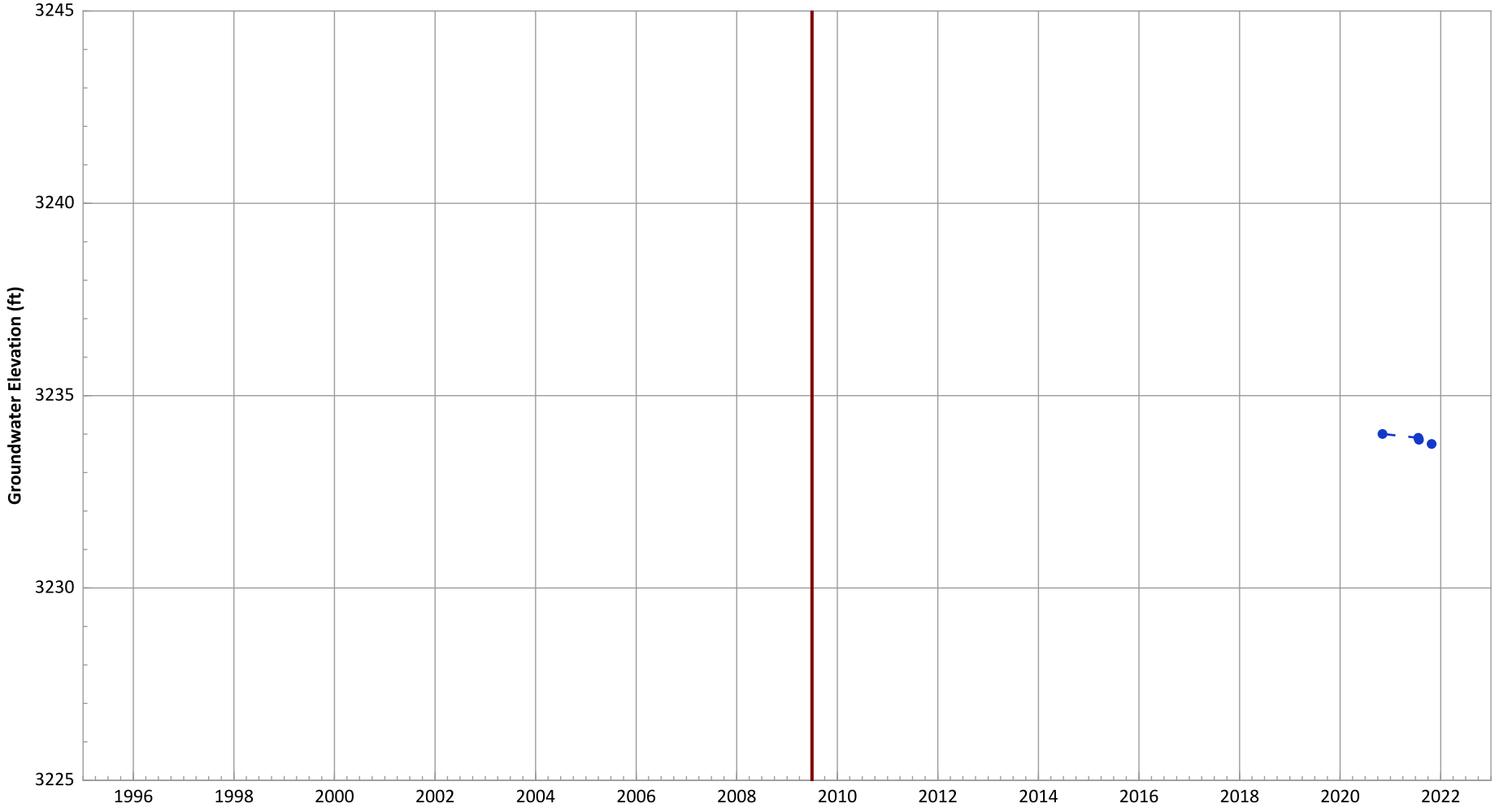
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX06-MEW401 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

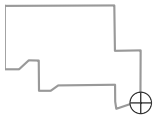


Notes:
1. Top of screen elevation is 3237.5 ft msl.
2. The bottom of screen elevation is 3222.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

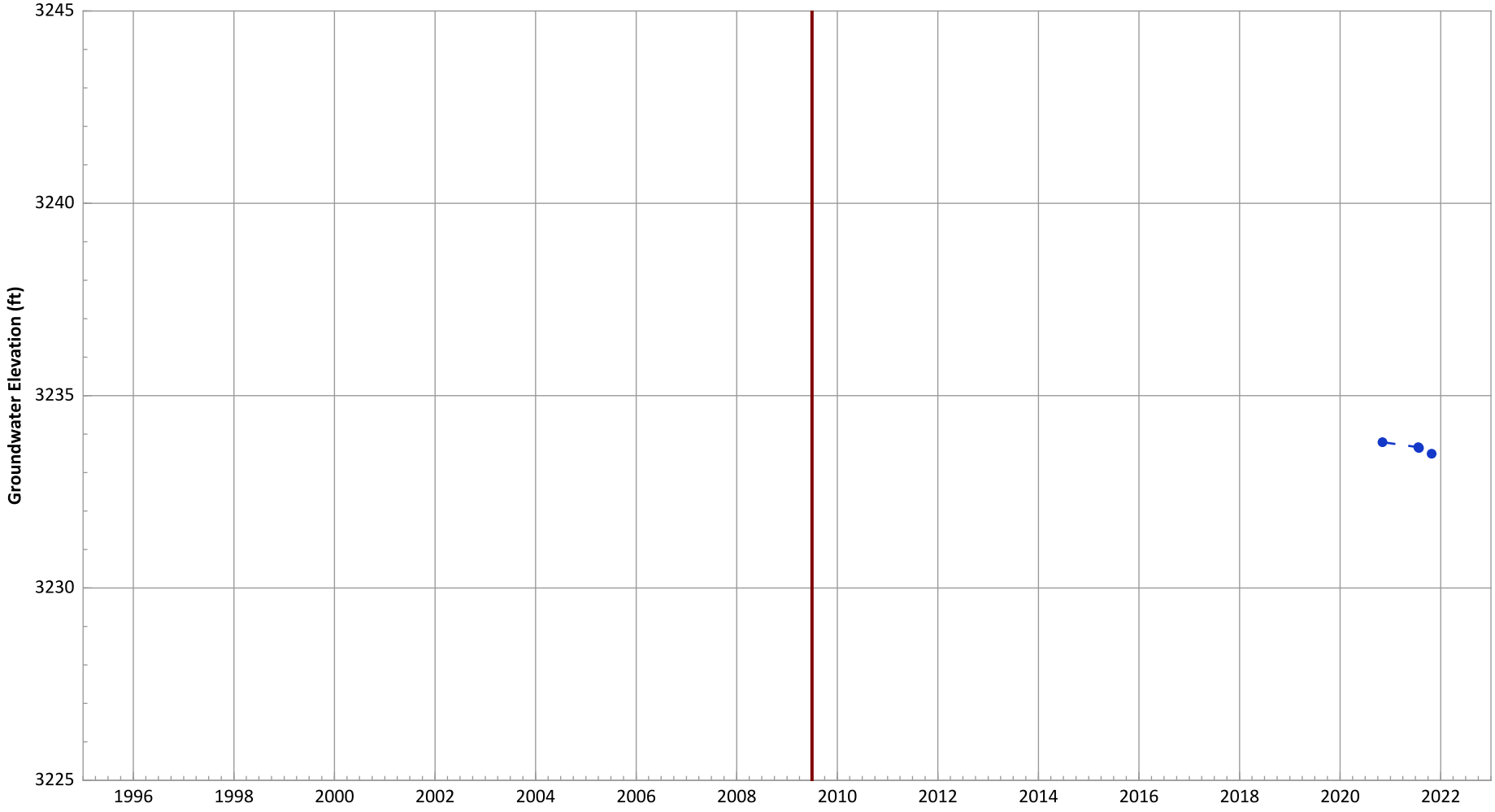
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.24 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.24 ft/yr

PTX06-MEW402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

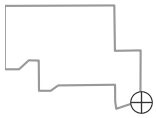


Notes:
1. Top of screen elevation is 3238.05 ft msl.
2. The bottom of screen elevation is 3223.05 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

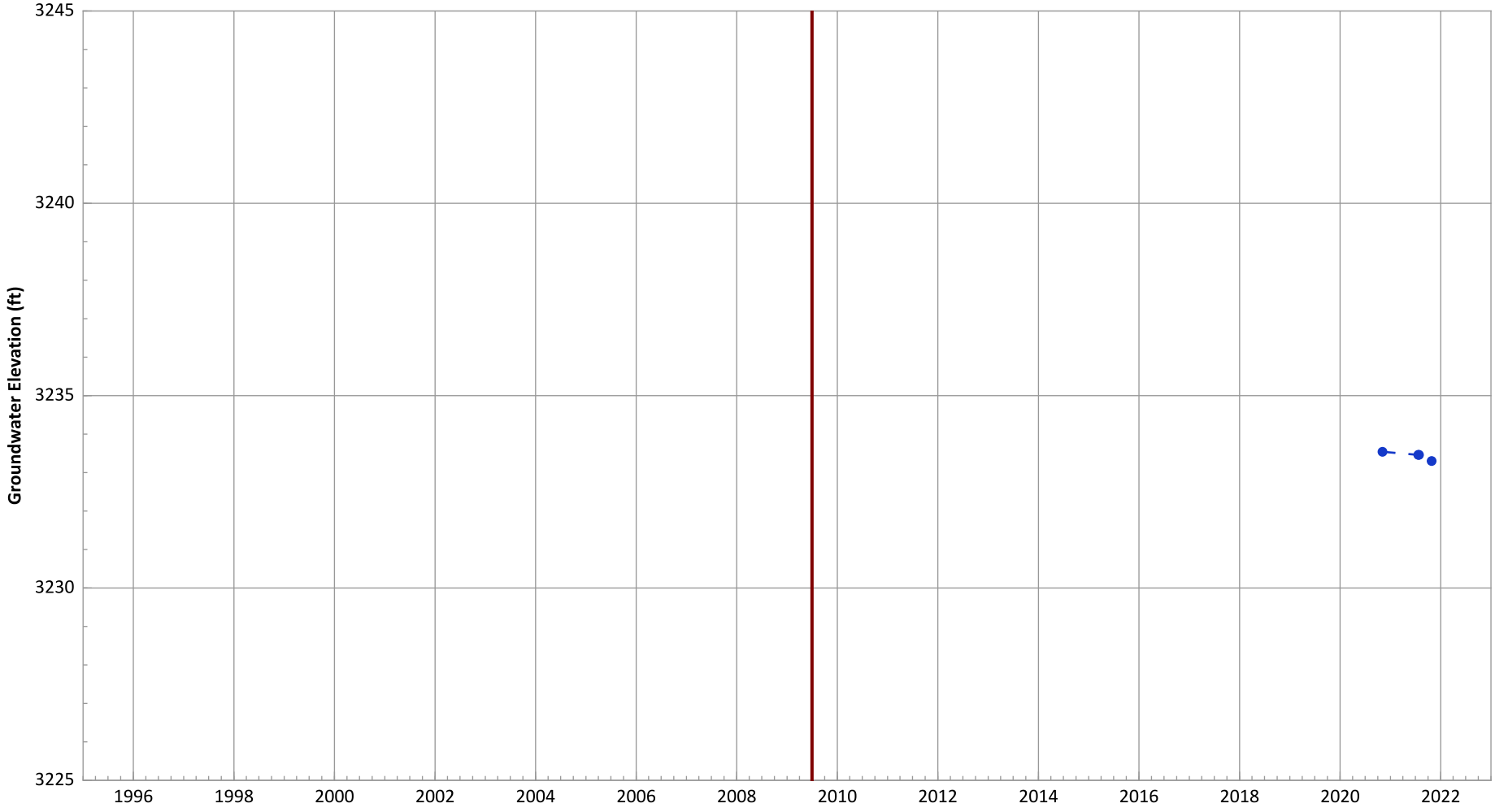
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.27 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.27 ft/yr

PTX06-MEW403 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

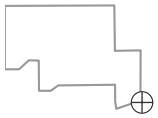


Notes:
1. Top of screen elevation is 3237.79 ft msl.
2. The bottom of screen elevation is 3222.79 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

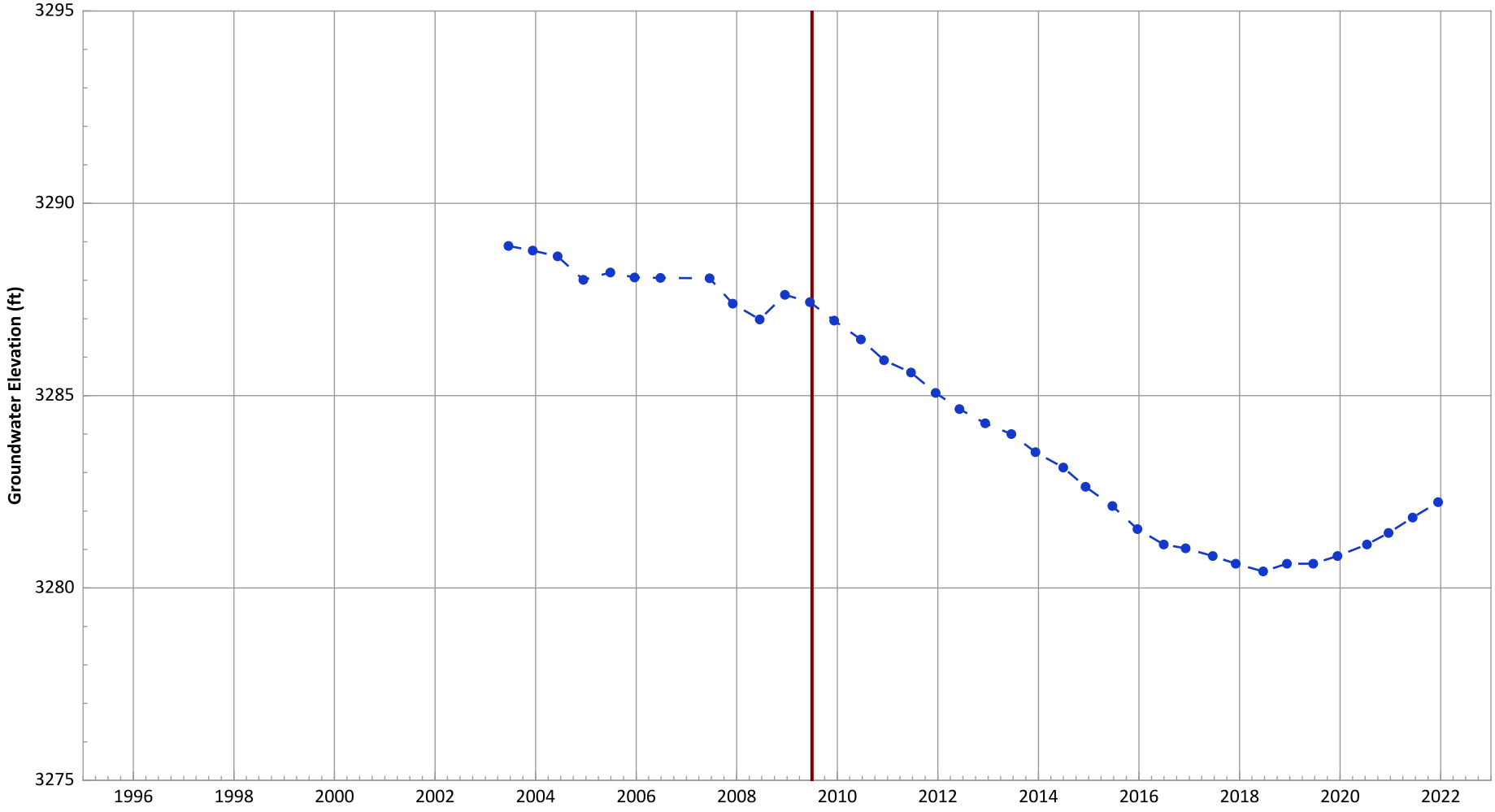
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.2 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.2 ft/yr

PTX06-PZ01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

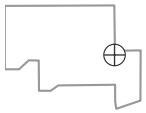


Notes:
1. Top of screen elevation is 3288.44 ft msl.
2. The bottom of screen elevation is 3269.44 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

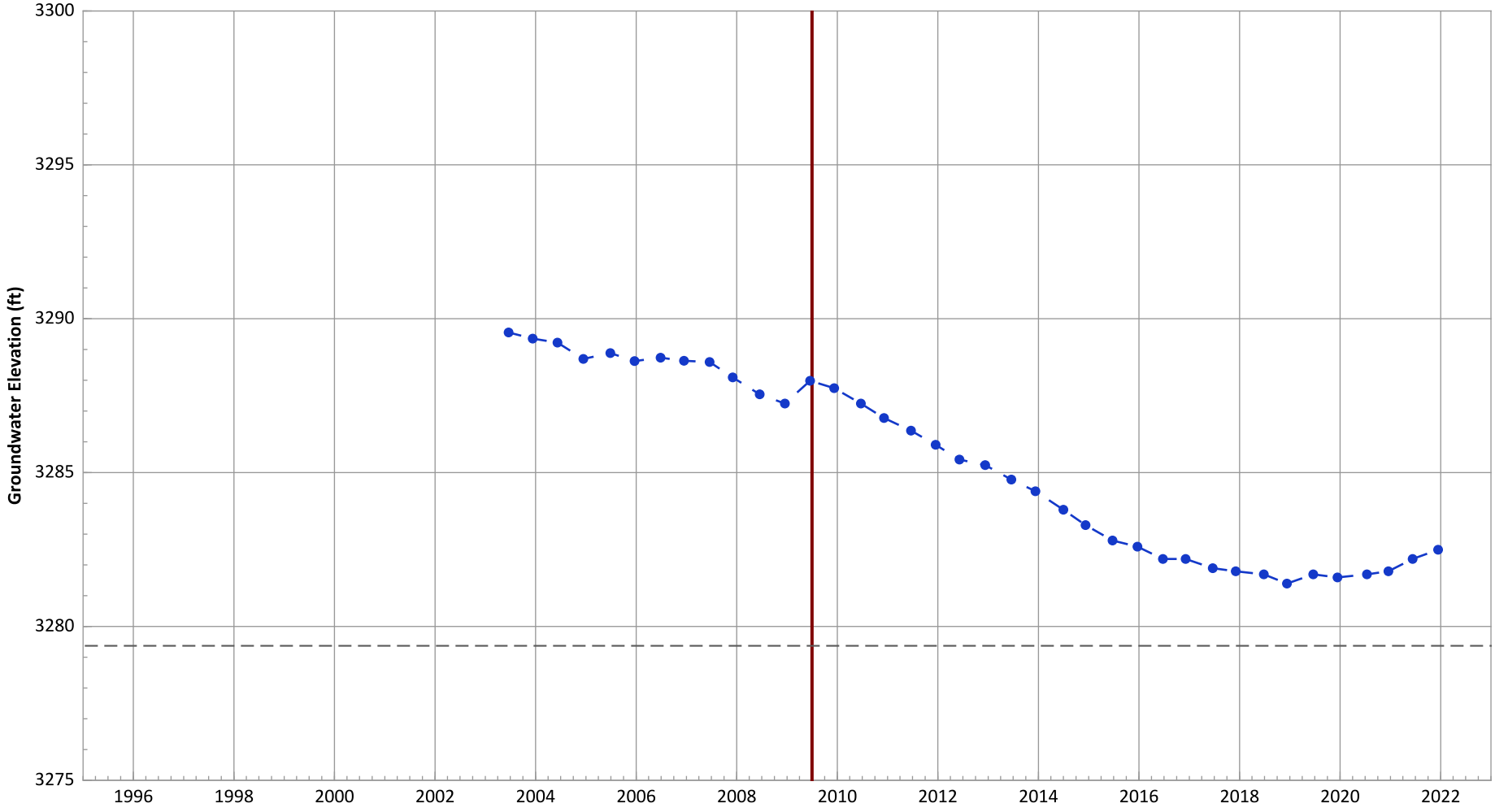
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.78 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.49 ft/yr

PTX06-PZ02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

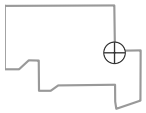


Notes:
1. Top of screen elevation is 3303.87 ft msl.
2. The bottom of screen elevation is 3279.37 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

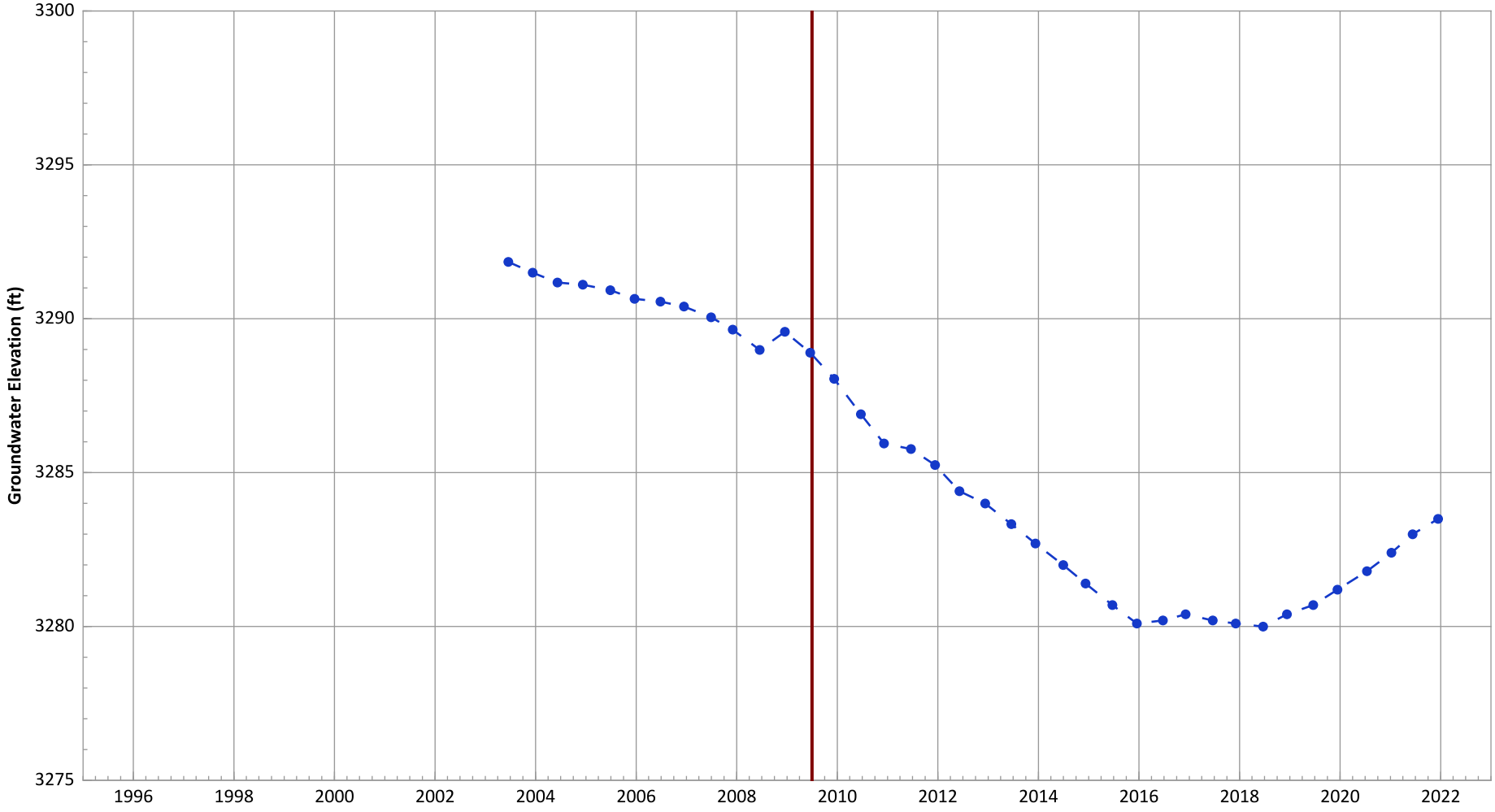
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.6 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.5 ft/yr

PTX06-PZ03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

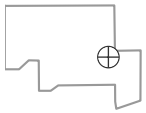


Notes:
1. Top of screen elevation is 3294.14 ft msl.
2. The bottom of screen elevation is 3265.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

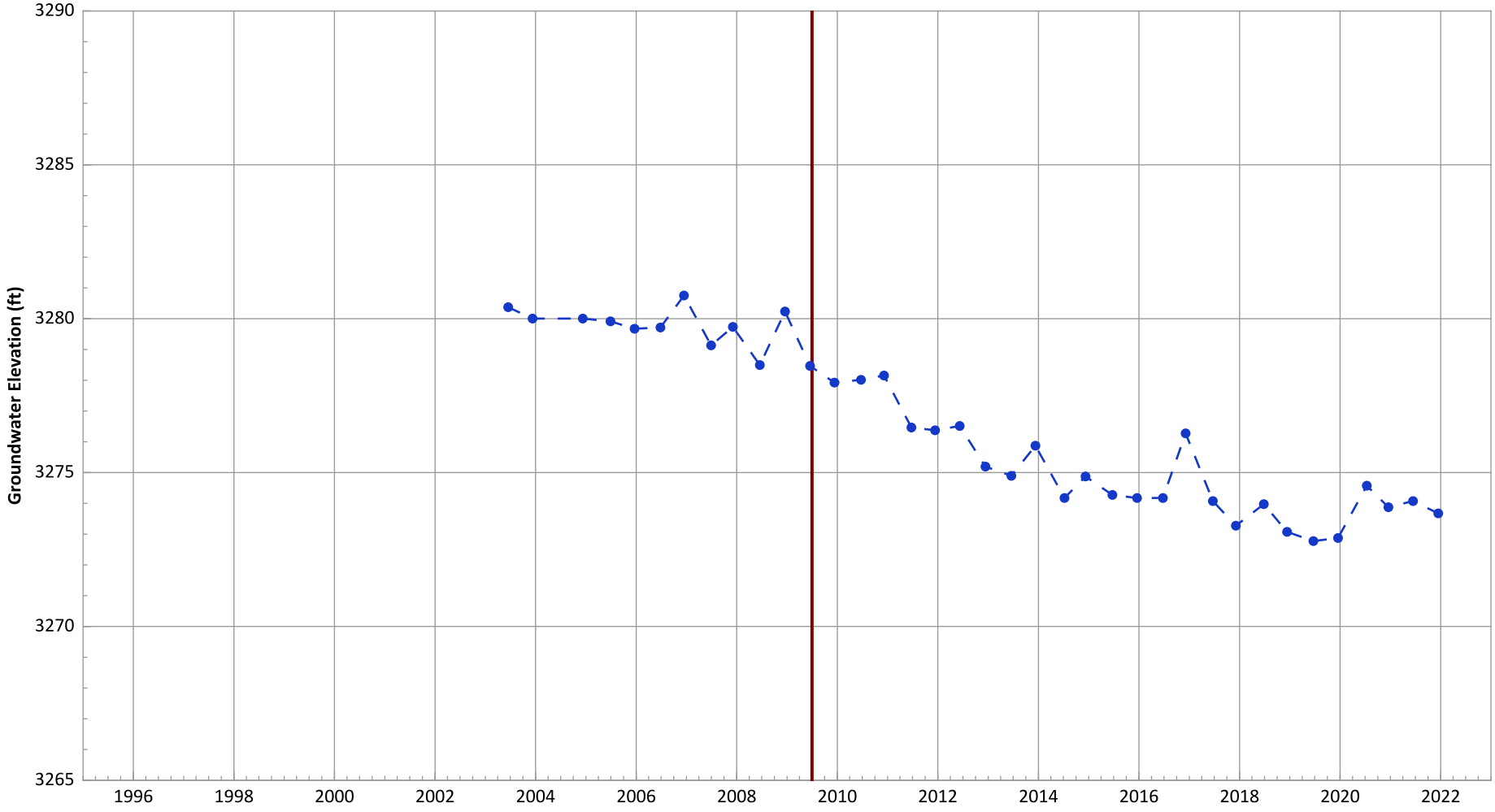
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.22 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.43 ft/yr

PTX06-PZ05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

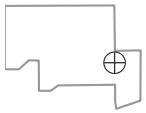


Notes:
1. Top of screen elevation is 3299.45 ft msl.
2. The bottom of screen elevation is 3259.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

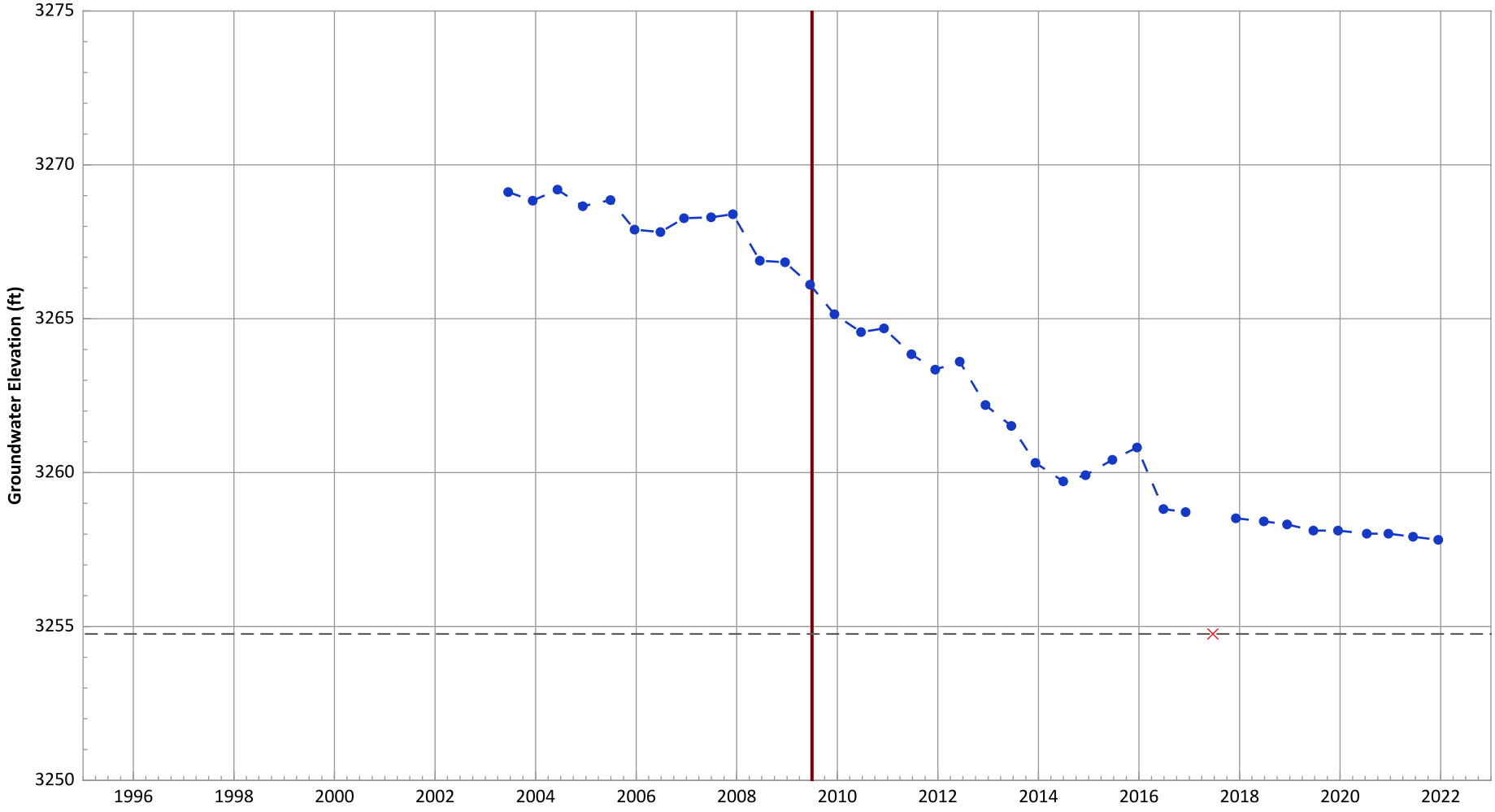
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.52 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.36 ft/yr

PTX06-PZ06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

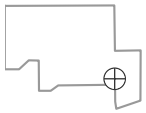


Notes:
1. Top of screen elevation is 3294.76 ft msl.
2. The bottom of screen elevation is 3254.76 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

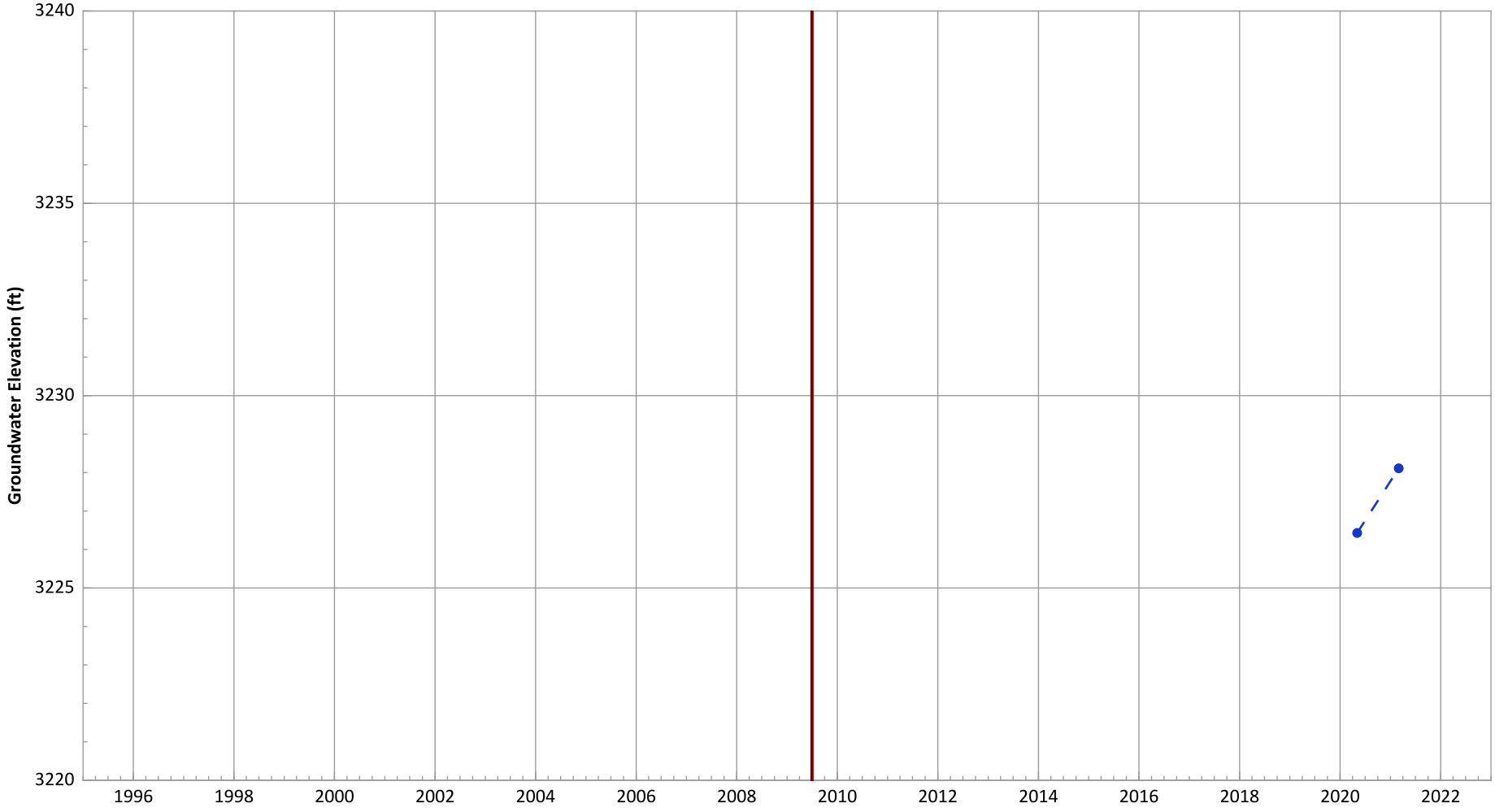
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.15 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.63 ft/yr

PTX06-REC401A Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

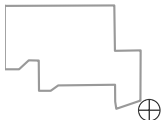


Notes:
1. Top of screen elevation is 3231.74 ft msl.
2. The bottom of screen elevation is 3211.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

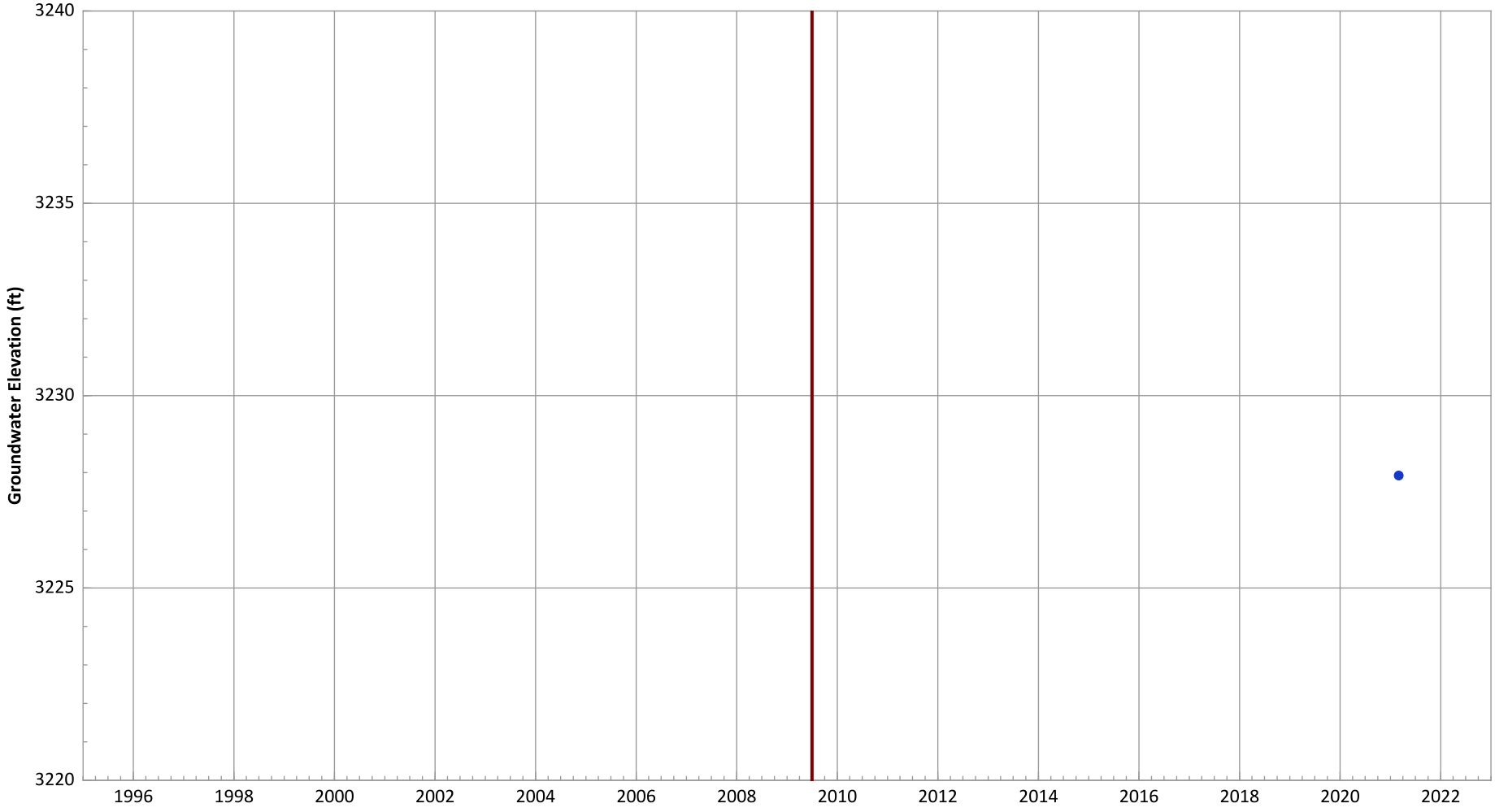
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-REC402 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

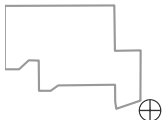


Notes:
1. Top of screen elevation is 3225.49 ft msl.
2. The bottom of screen elevation is 3205.49 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

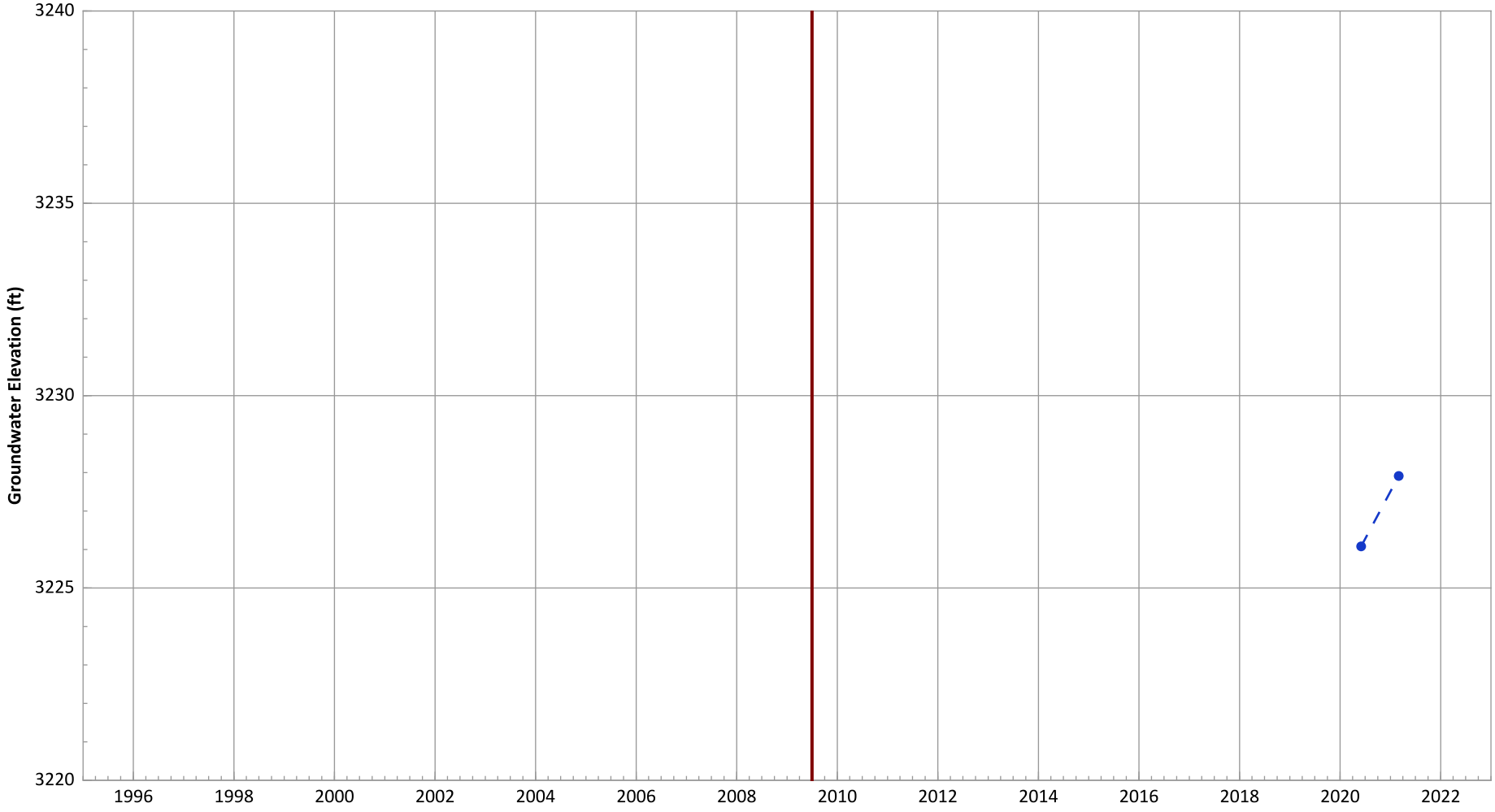
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-REC403 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

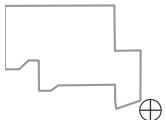


Notes:
1. Top of screen elevation is 3231.47 ft msl.
2. The bottom of screen elevation is 3211.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

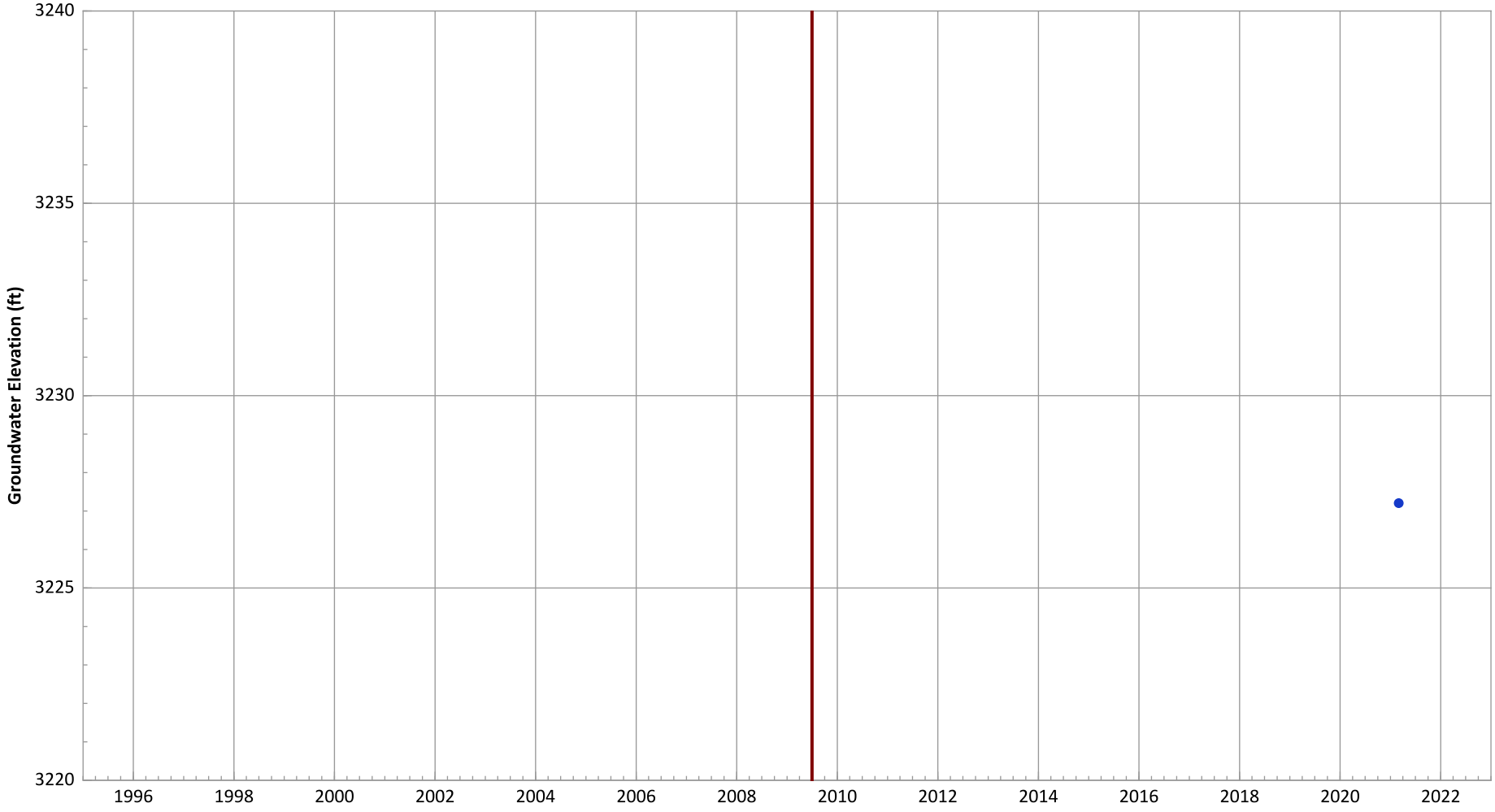
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (<3 Measurements)
Data (7/2009 - 1/2022): N/A (<3 Measurements)

PTX06-REC404 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

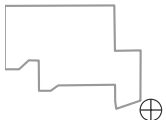


Notes:
1. Top of screen elevation is 3233.68 ft msl.
2. The bottom of screen elevation is 3213.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

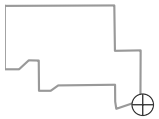
PTX06-REC405 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3237.42 ft msl.
2. The bottom of screen elevation is 3226.42 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

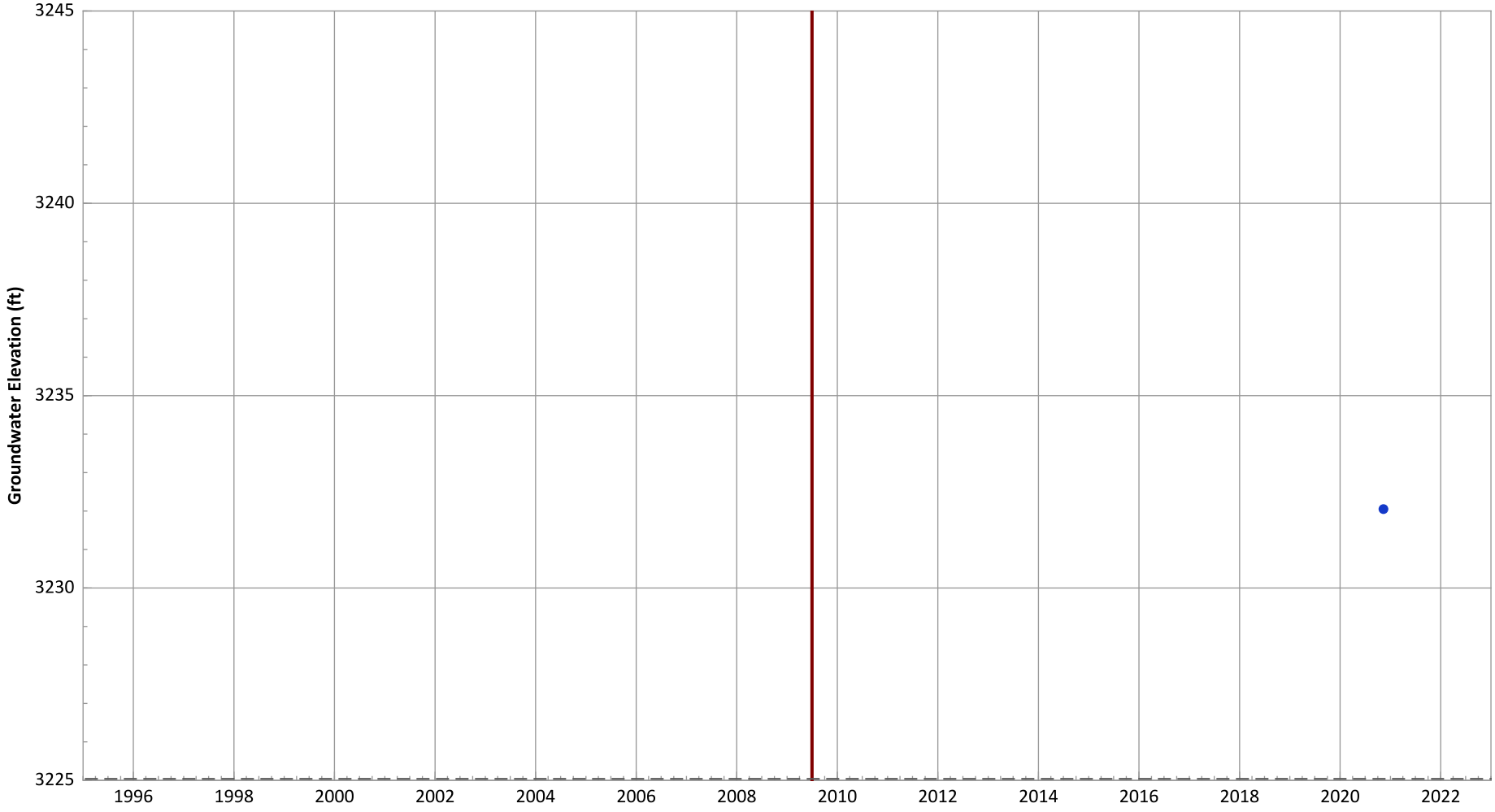
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-REC407 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

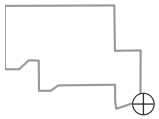


Notes:
1. Top of screen elevation is 3235.04 ft msl.
2. The bottom of screen elevation is 3225.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

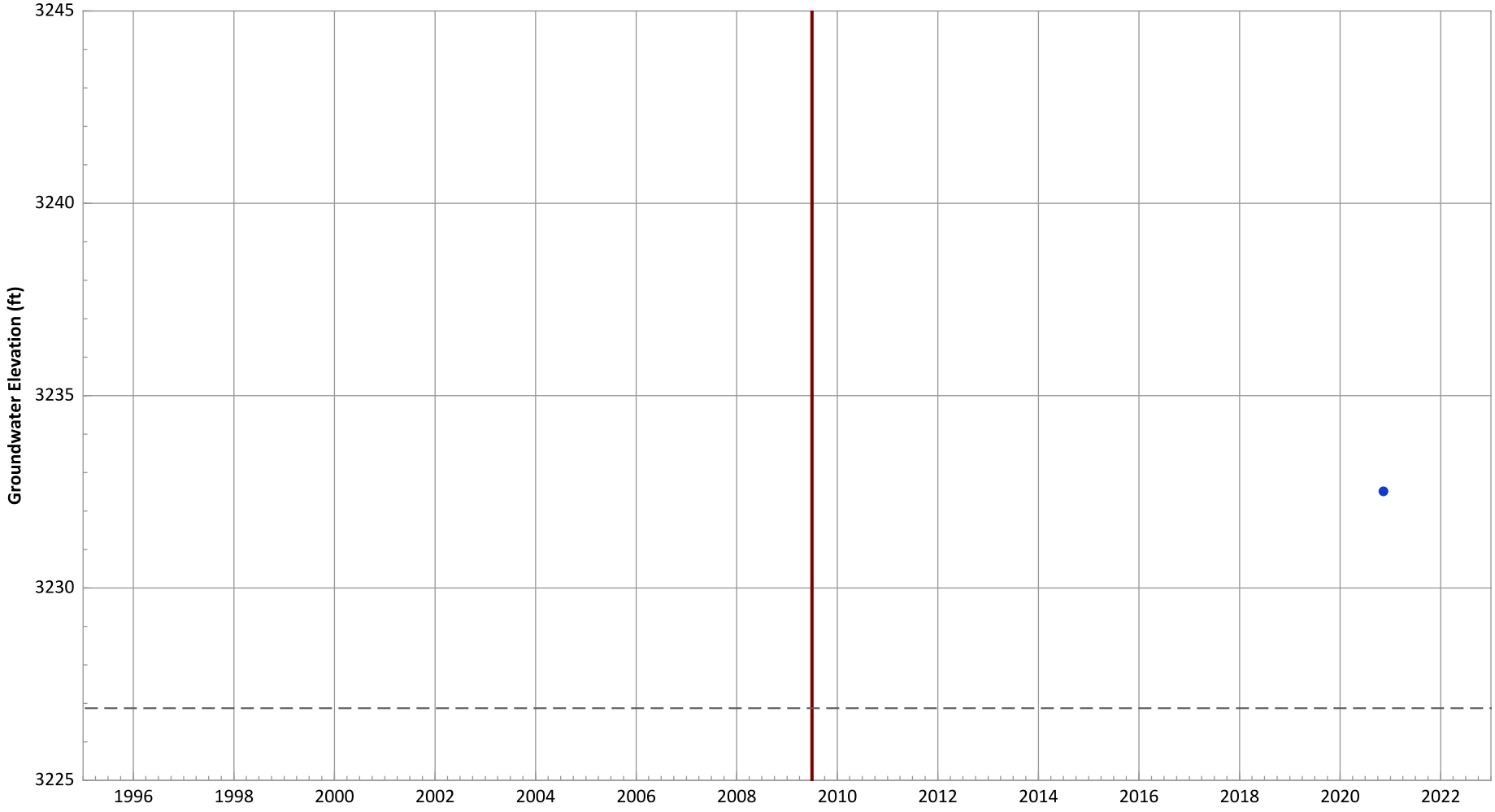
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX06-REC409 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

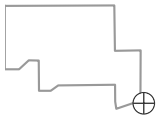


Notes:
1. Top of screen elevation is 3236.88 ft msl.
2. The bottom of screen elevation is 3226.88 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

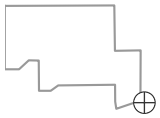
PTX06-REC411 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

Notes:
1. Top of screen elevation is 3237.27 ft msl.
2. The bottom of screen elevation is 3227.27 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

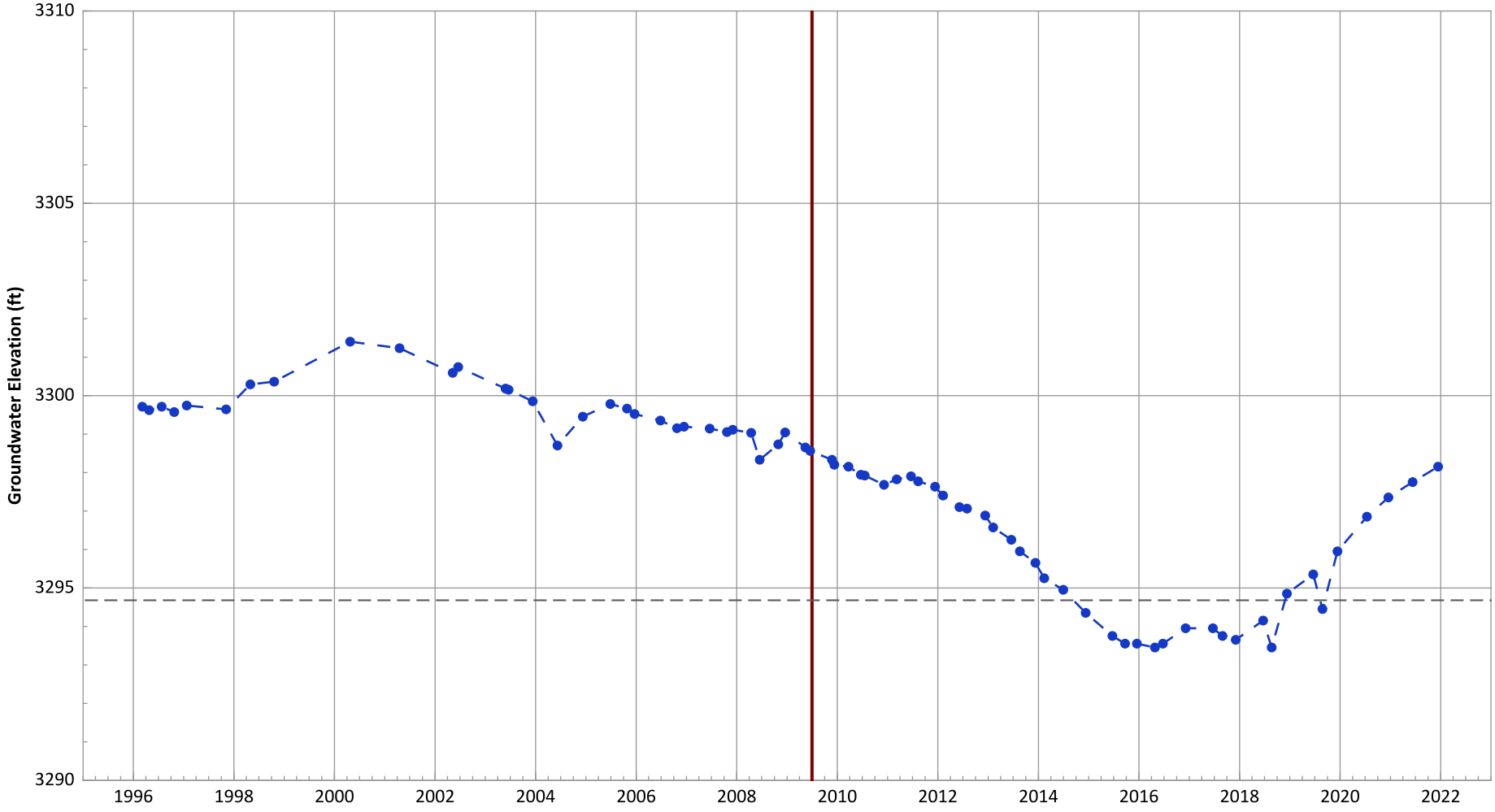
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX07-1O01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

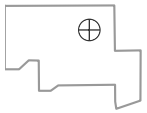


Notes:
1. Top of screen elevation is 3314.68 ft msl.
2. The bottom of screen elevation is 3294.68 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

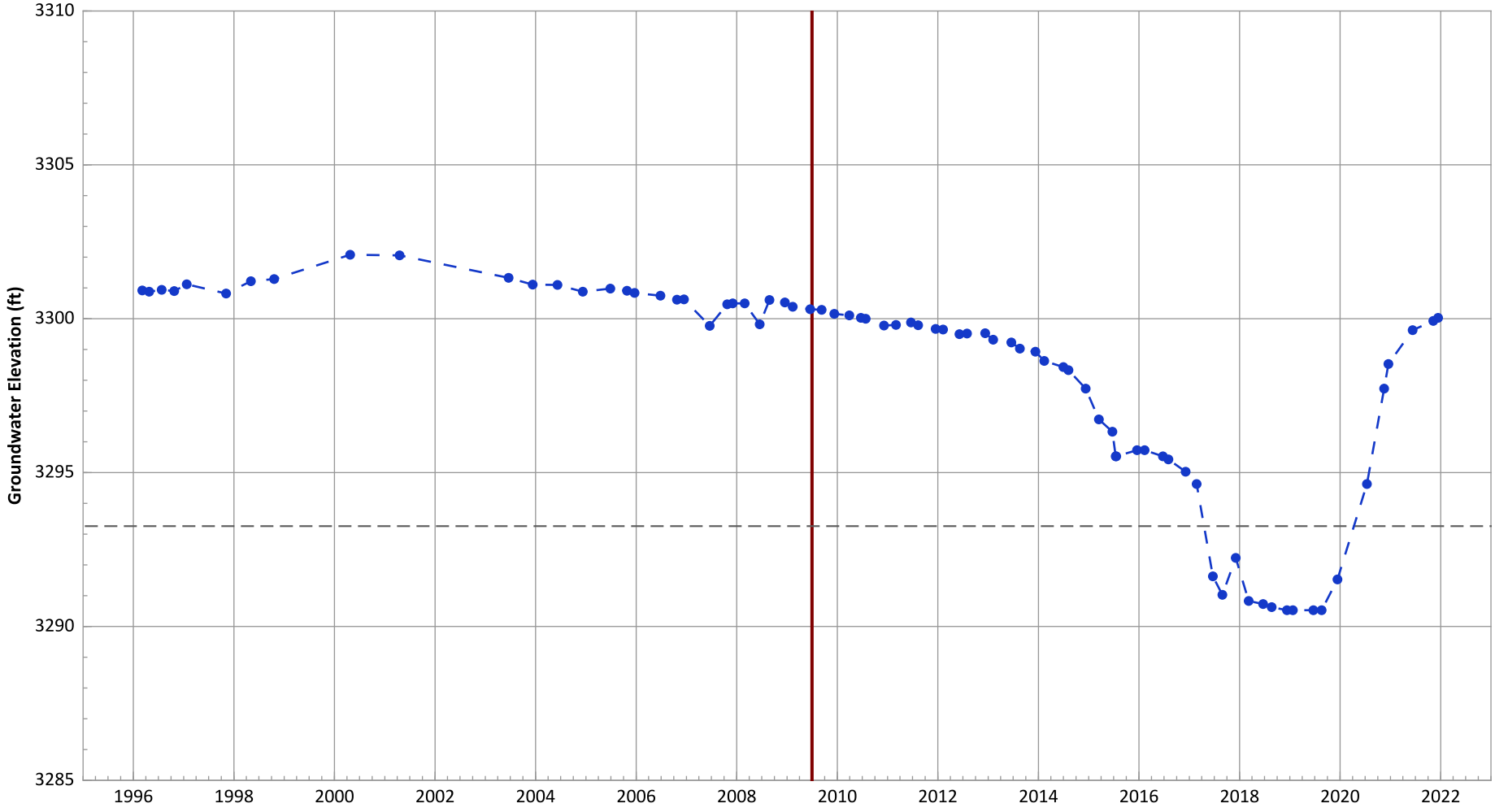
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.91 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.23 ft/yr

PTX07-1O02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

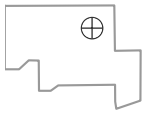


Notes:
1. Top of screen elevation is 3318.26 ft msl.
2. The bottom of screen elevation is 3293.26 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

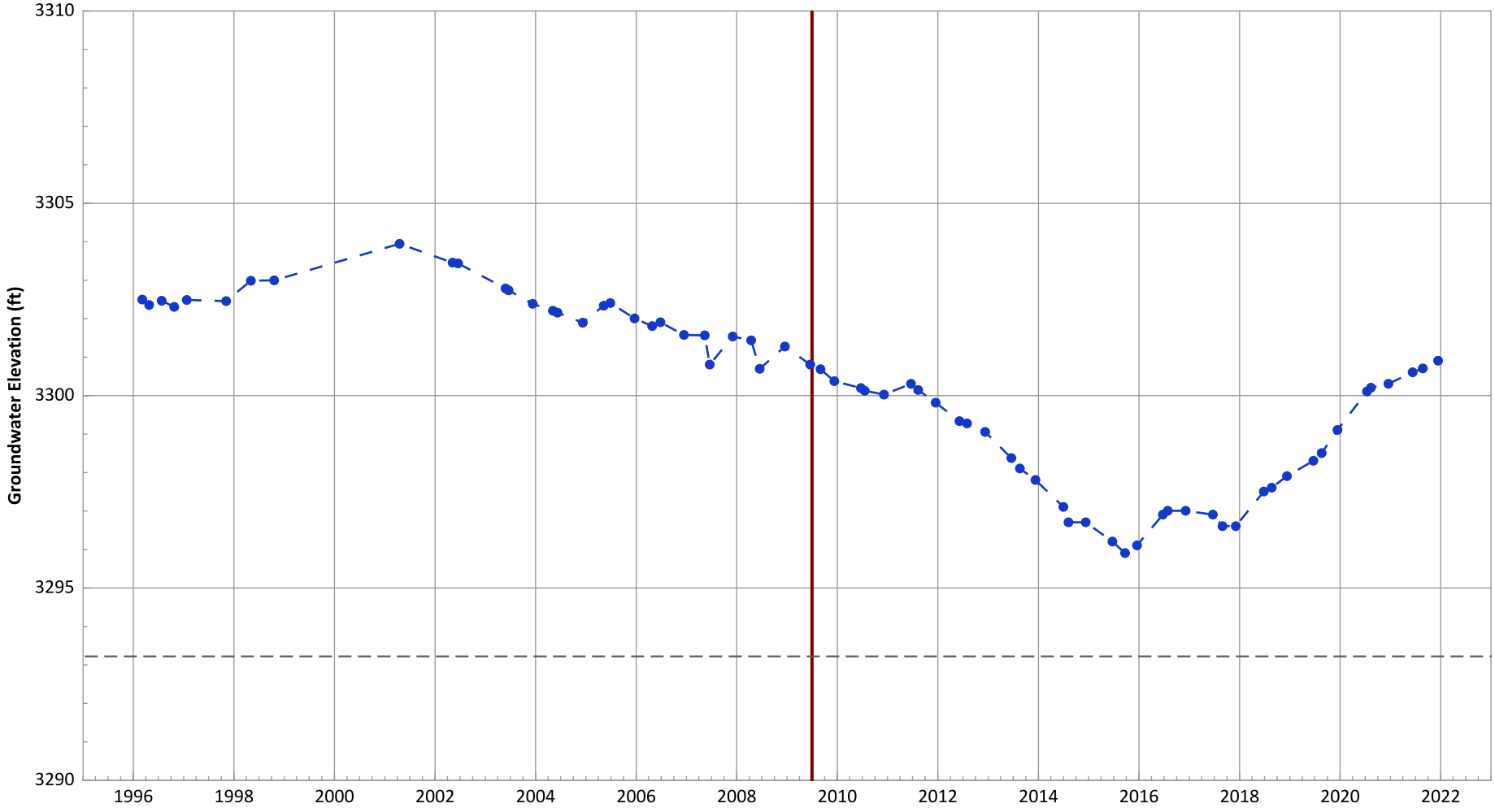
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 3.21 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.59 ft/yr

PTX07-1O03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

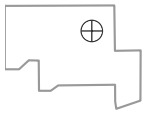


Notes:
1. Top of screen elevation is 3318.22 ft msl.
2. The bottom of screen elevation is 3293.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

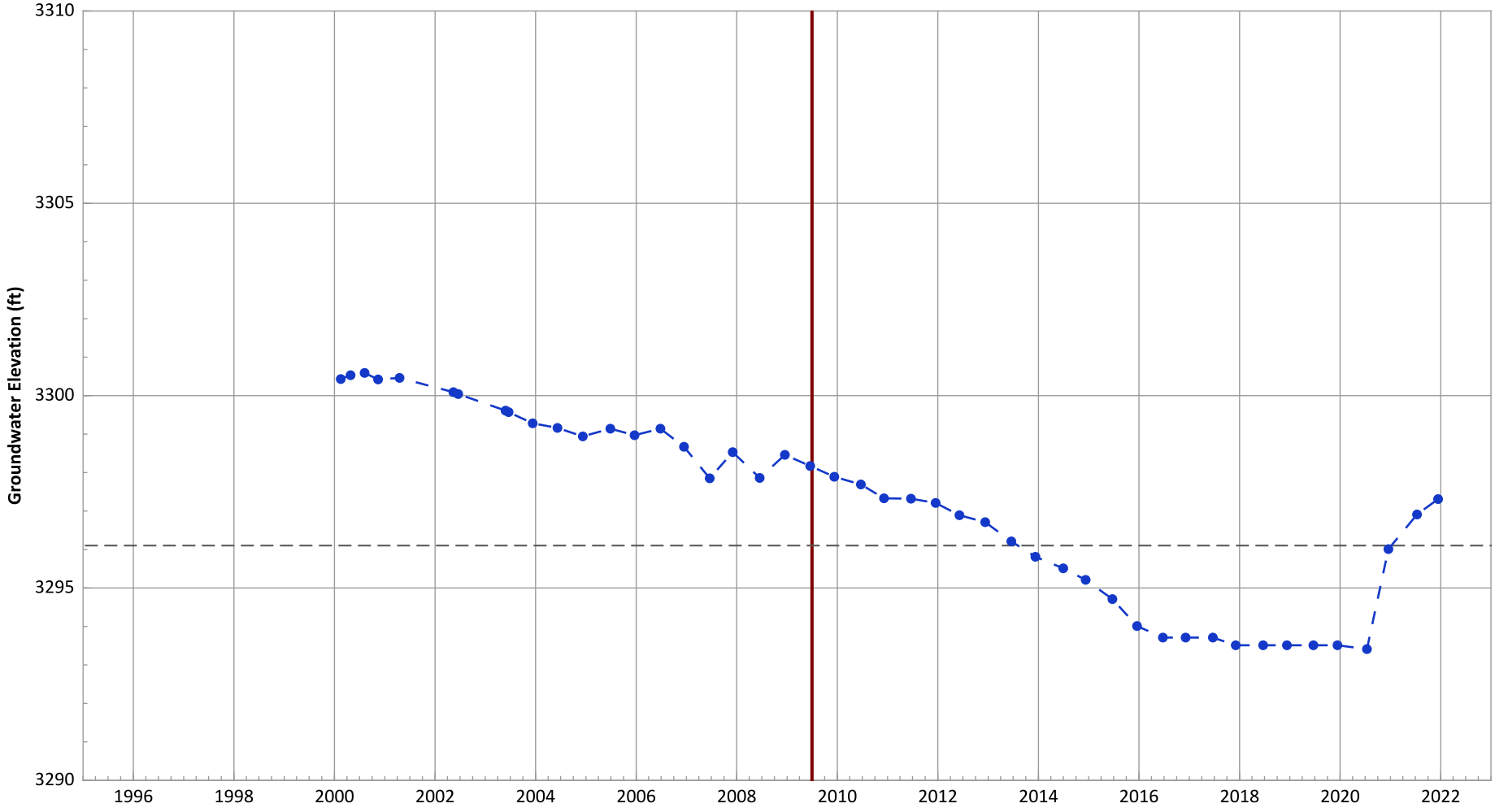
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.54 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX07-1O04 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

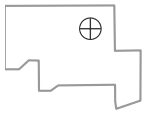


Notes:
1. Top of screen elevation is 3336.1 ft msl.
2. The bottom of screen elevation is 3296.1 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

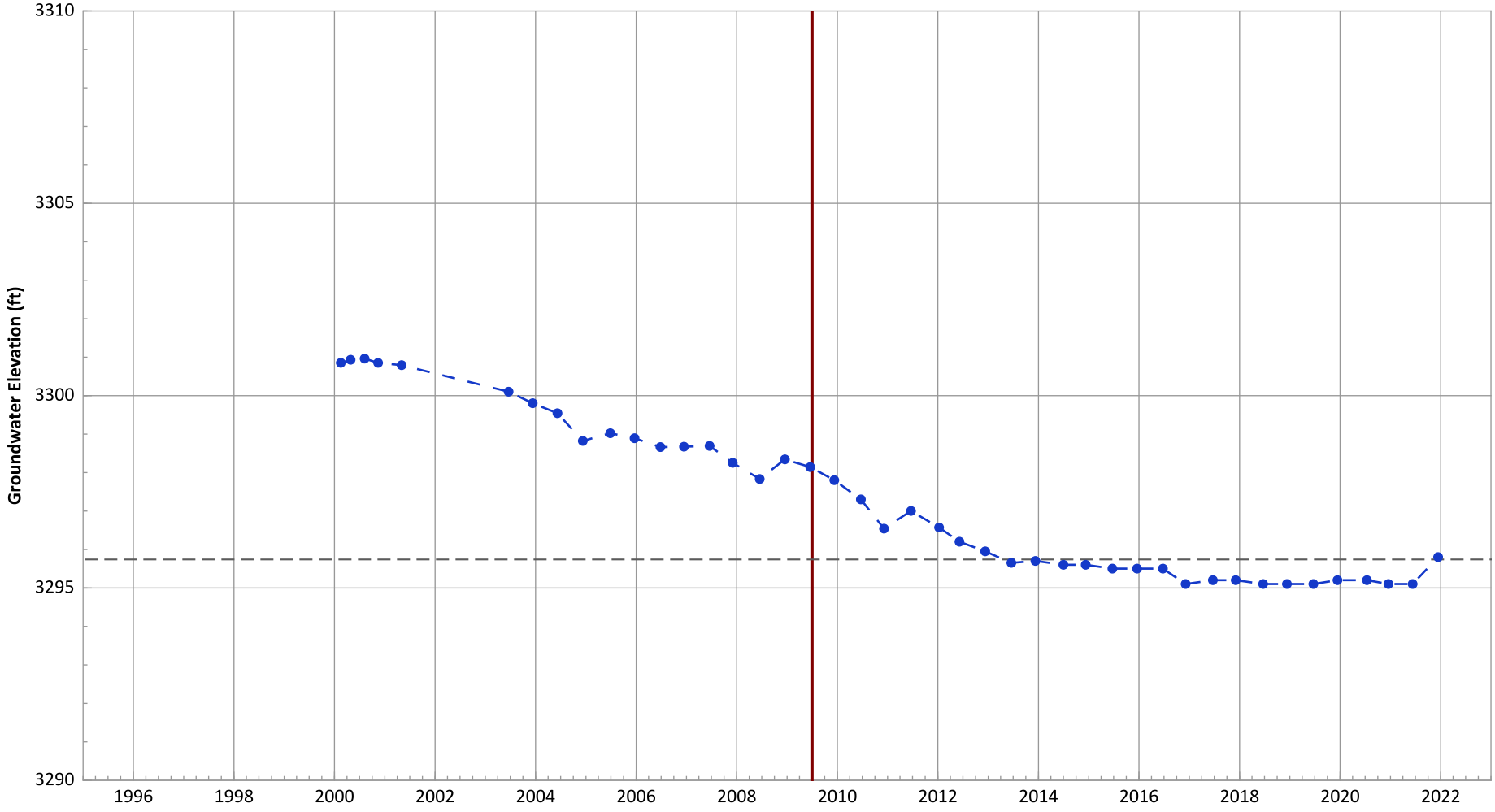
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 2.59 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.26 ft/yr

PTX07-1O05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

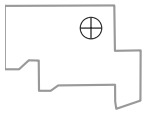


Notes:
1. Top of screen elevation is 3335.74 ft msl.
2. The bottom of screen elevation is 3295.74 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

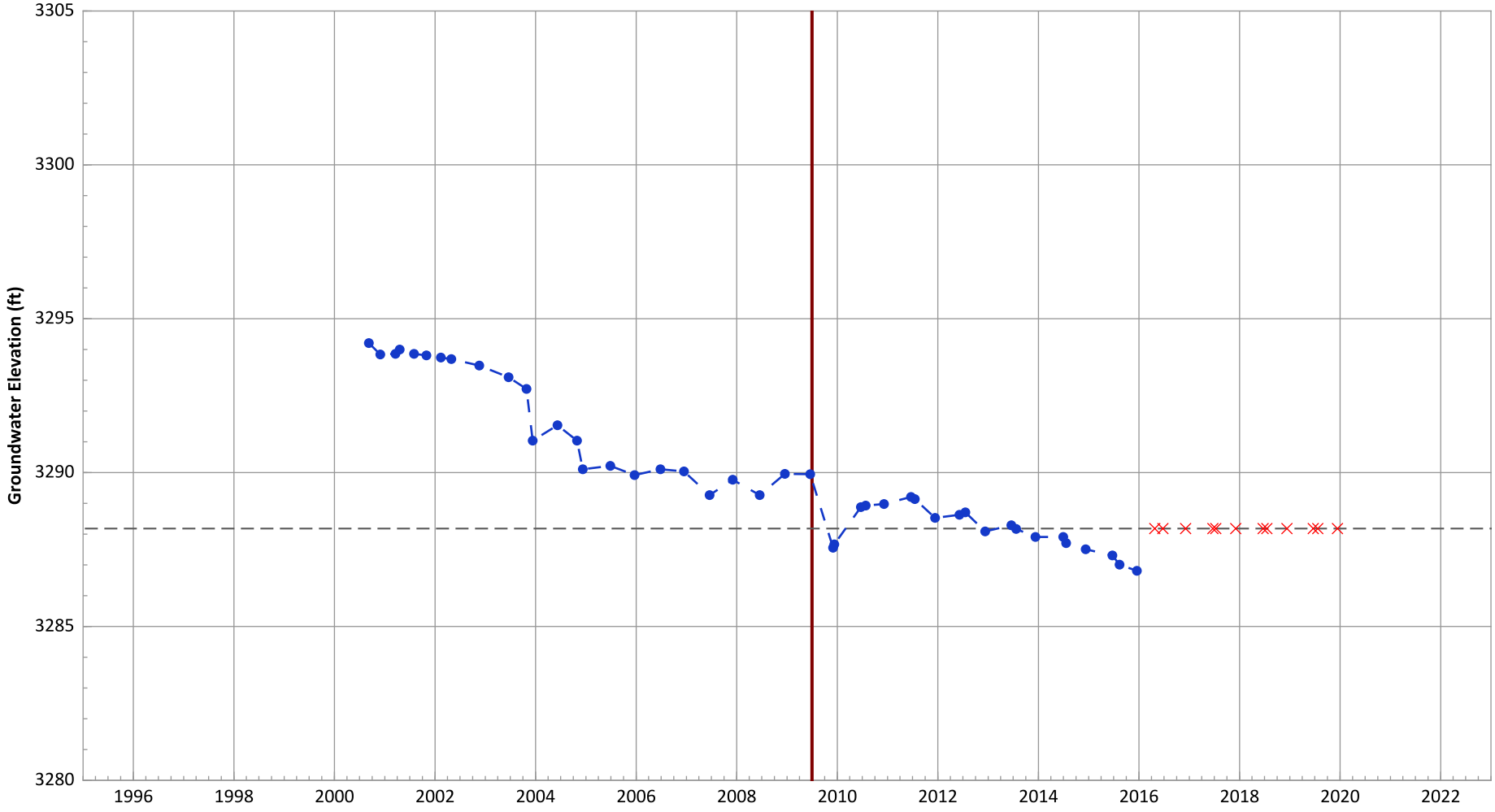
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.39 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.17 ft/yr

PTX07-1O06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

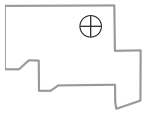


Notes:
1. Top of screen elevation is 3308.18 ft msl.
2. The bottom of screen elevation is 3288.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

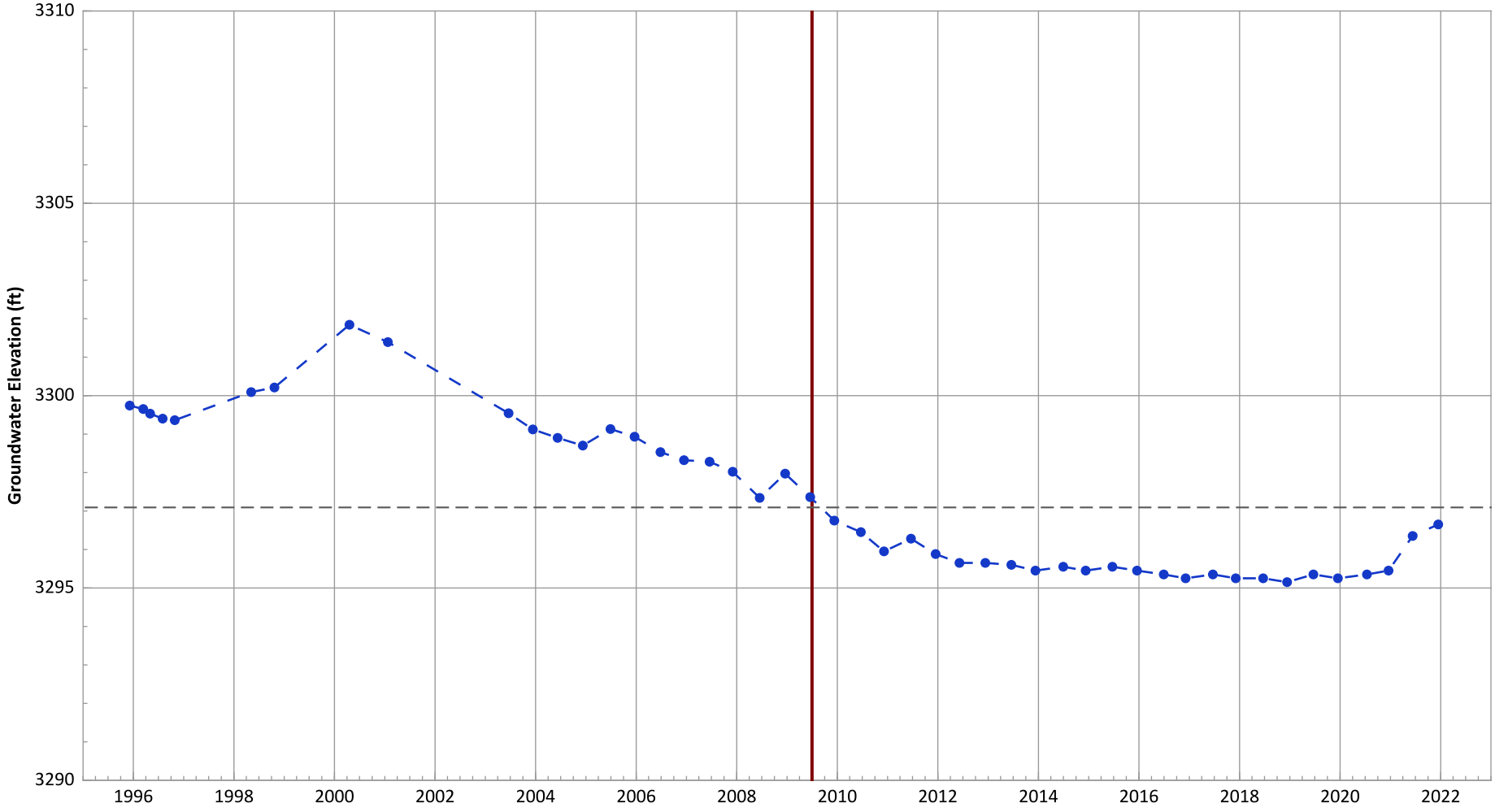
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Decreasing at 0.24 ft/yr

PTX07-1P01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

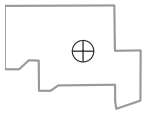


Notes:
1. Top of screen elevation is 3312.09 ft msl.
2. The bottom of screen elevation is 3297.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

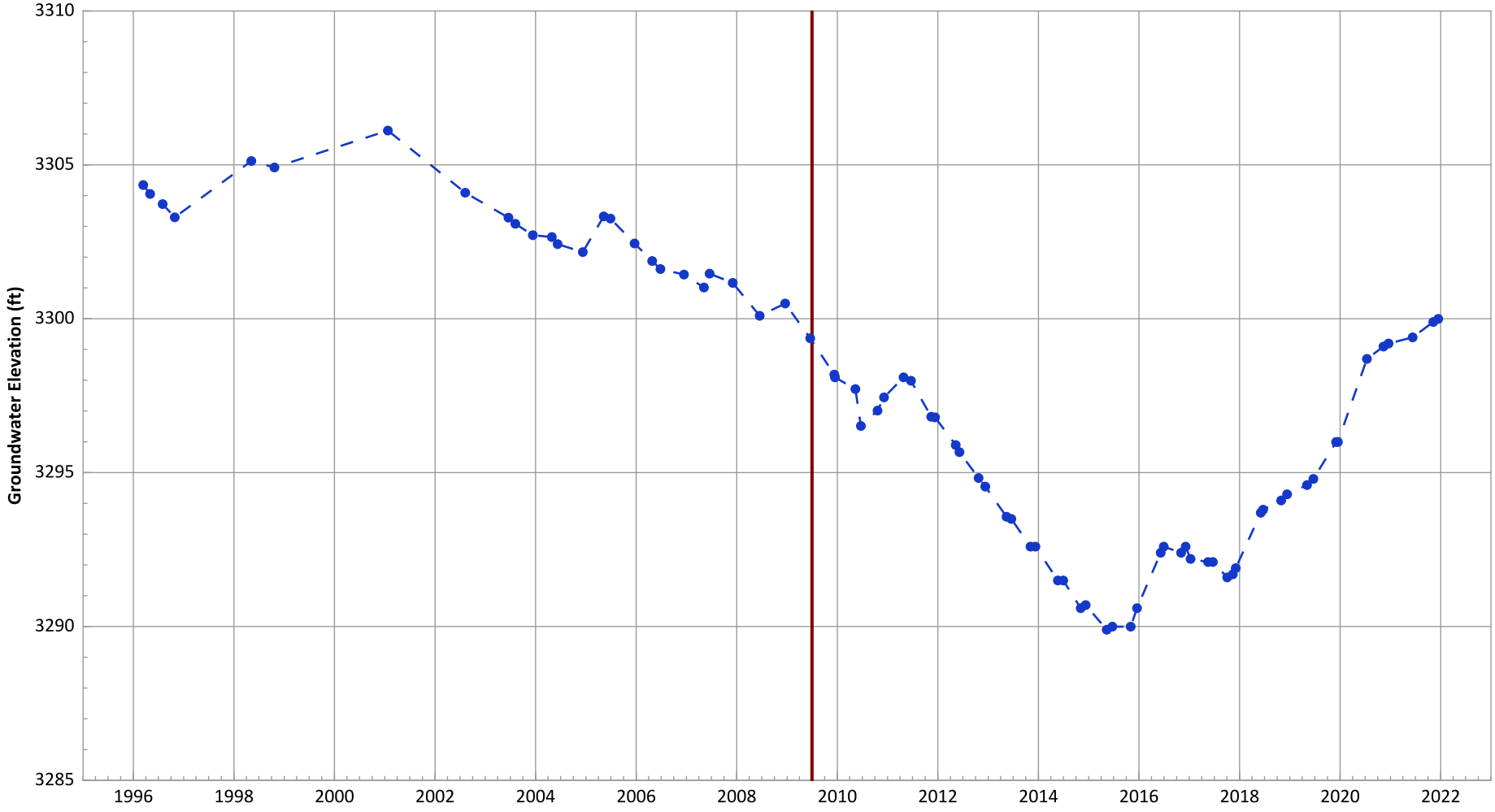
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.02 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX07-1P02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

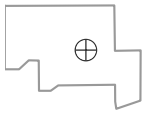


Notes:
1. Top of screen elevation is 3308.46 ft msl.
2. The bottom of screen elevation is 3283.46 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

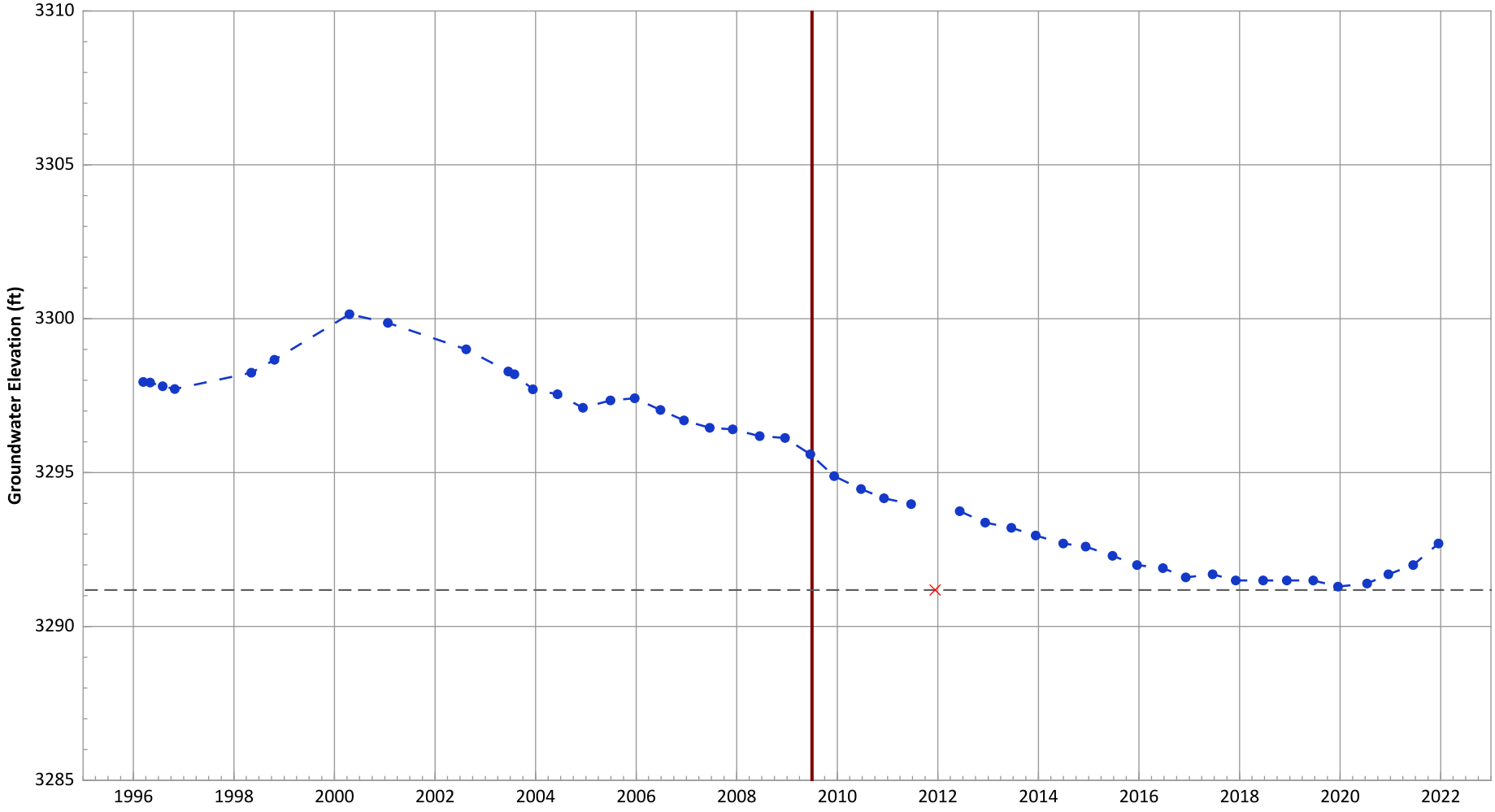
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.85 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX07-1P03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

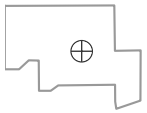


Notes:
1. Top of screen elevation is 3311.18 ft msl.
2. The bottom of screen elevation is 3291.18 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

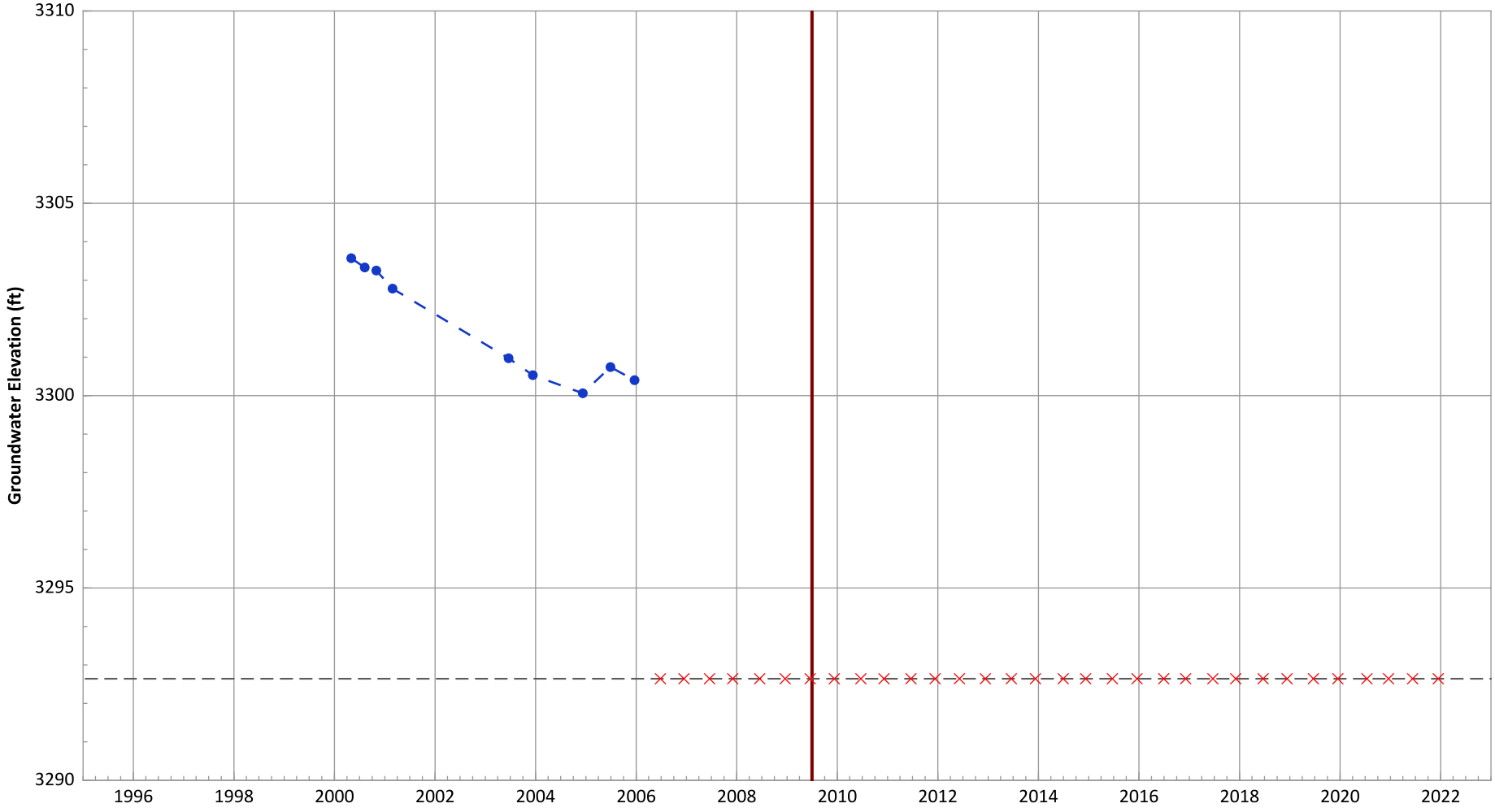
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.89 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.26 ft/yr

PTX07-1P04 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

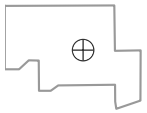


Notes:
1. Top of screen elevation is 3332.64 ft msl.
2. The bottom of screen elevation is 3292.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

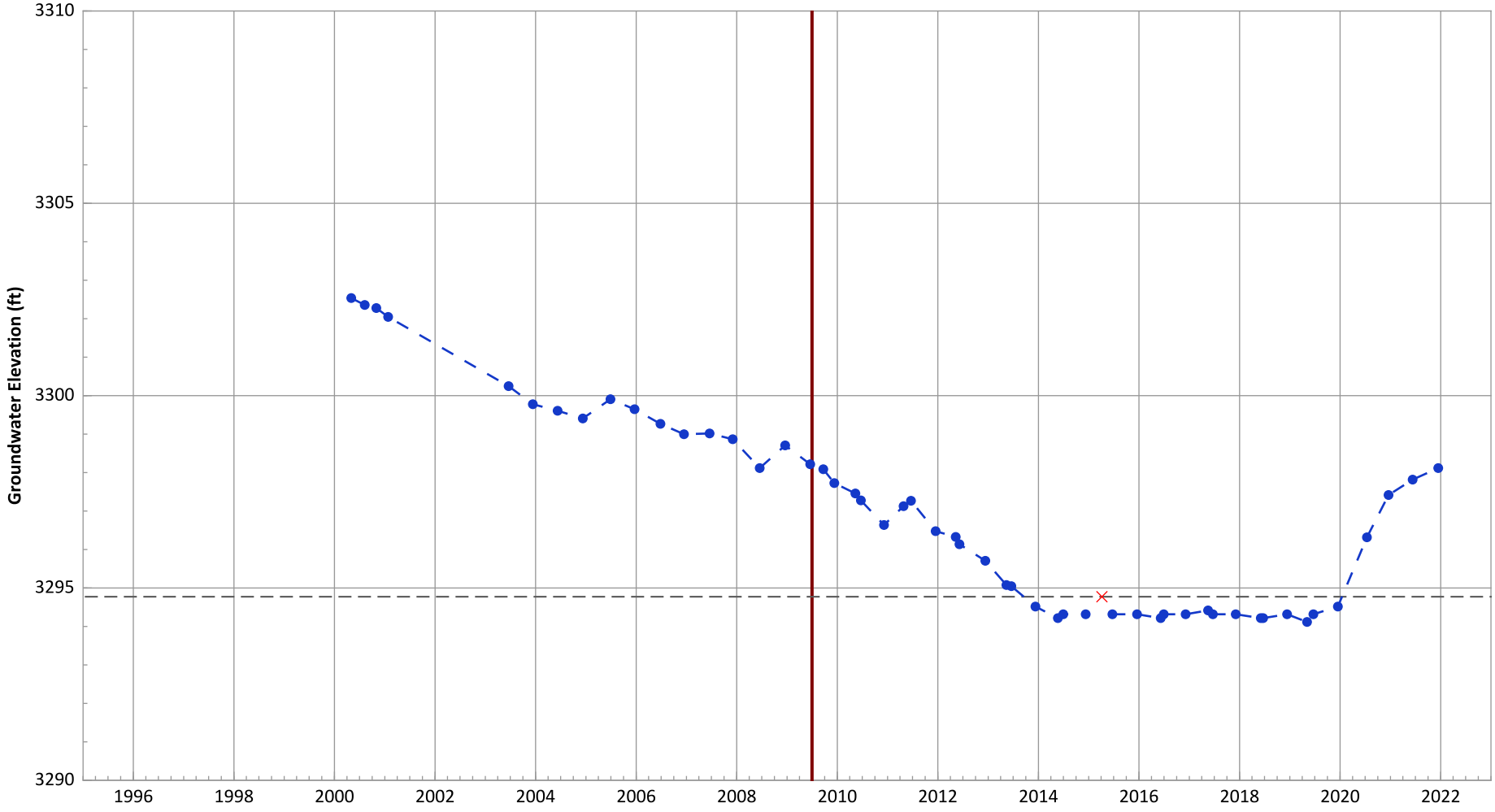
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): N/A (No Measurements)

PTX07-1P05 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

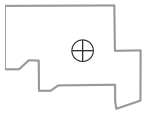


Notes:
1. Top of screen elevation is 3334.77 ft msl.
2. The bottom of screen elevation is 3294.77 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

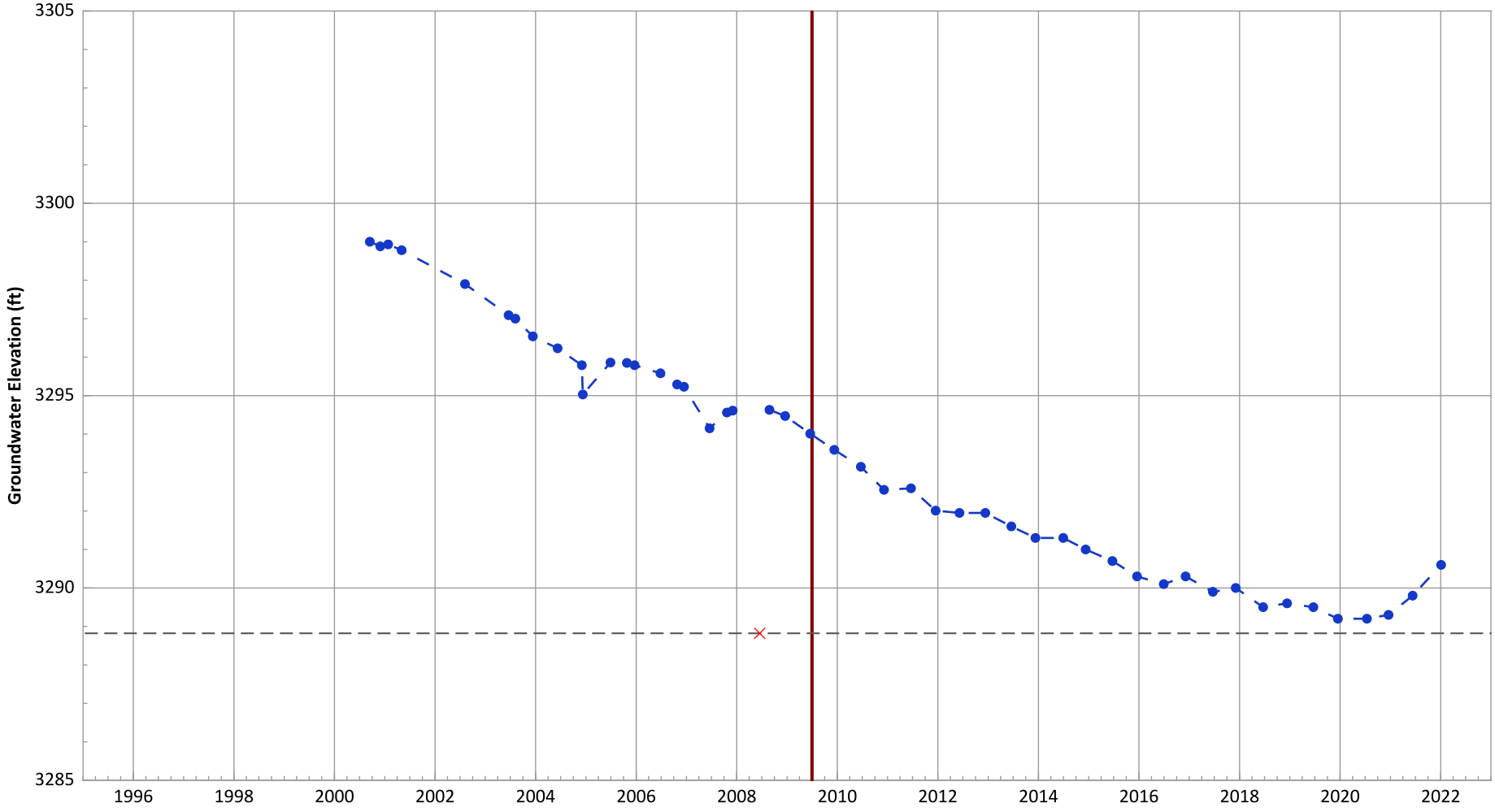
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.21 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.13 ft/yr

PTX07-1P06 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

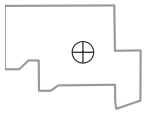


Notes:
1. Top of screen elevation is 3308.82 ft msl.
2. The bottom of screen elevation is 3288.82 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

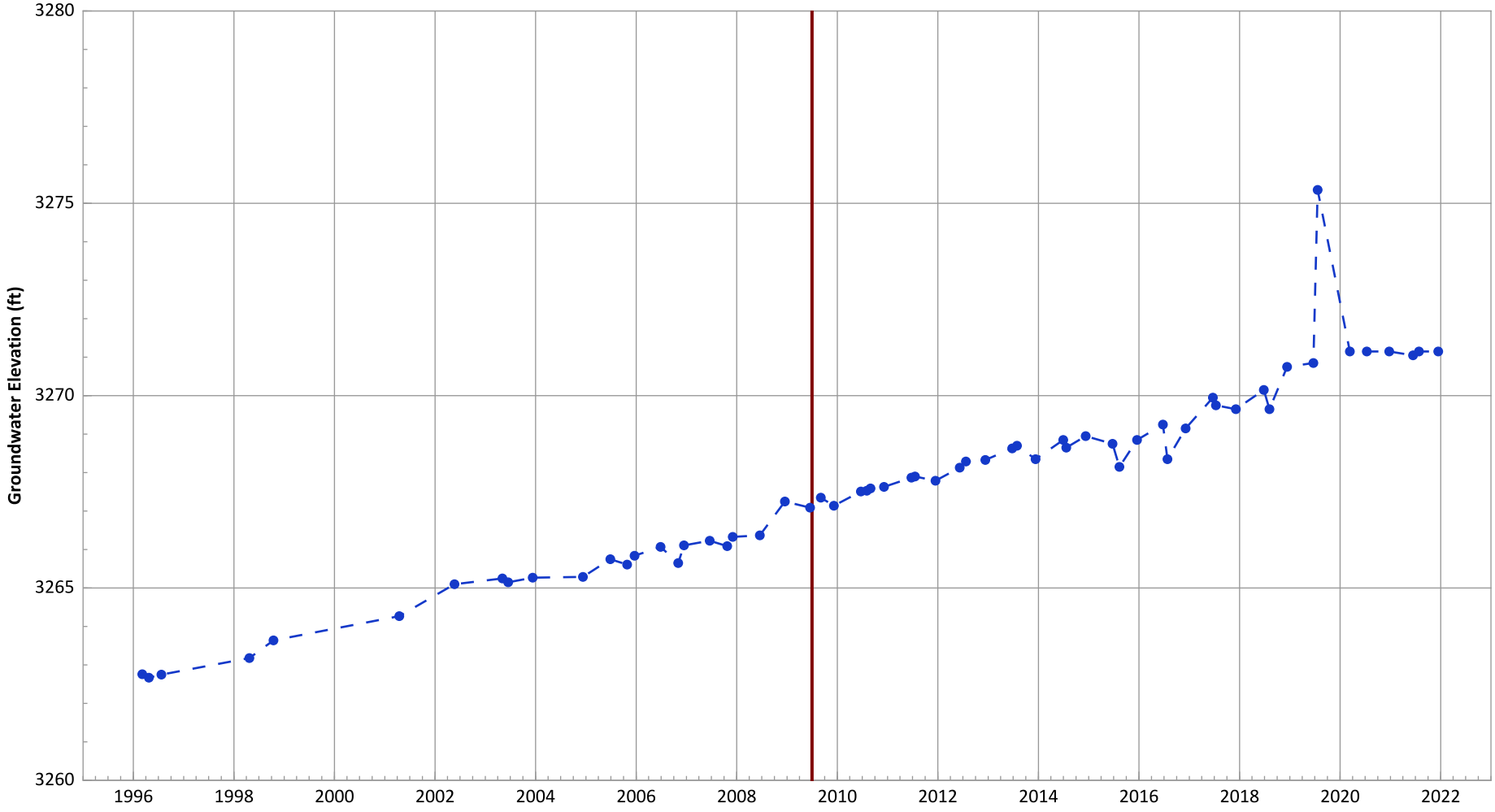
Groundwater Elevation
Bottom of Screen Elevation
No Water Detected
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.97 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.32 ft/yr

PTX07-1Q01 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

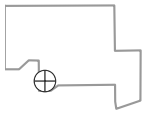


Notes:
1. Top of screen elevation is 3274.86 ft msl.
2. The bottom of screen elevation is 3249.86 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

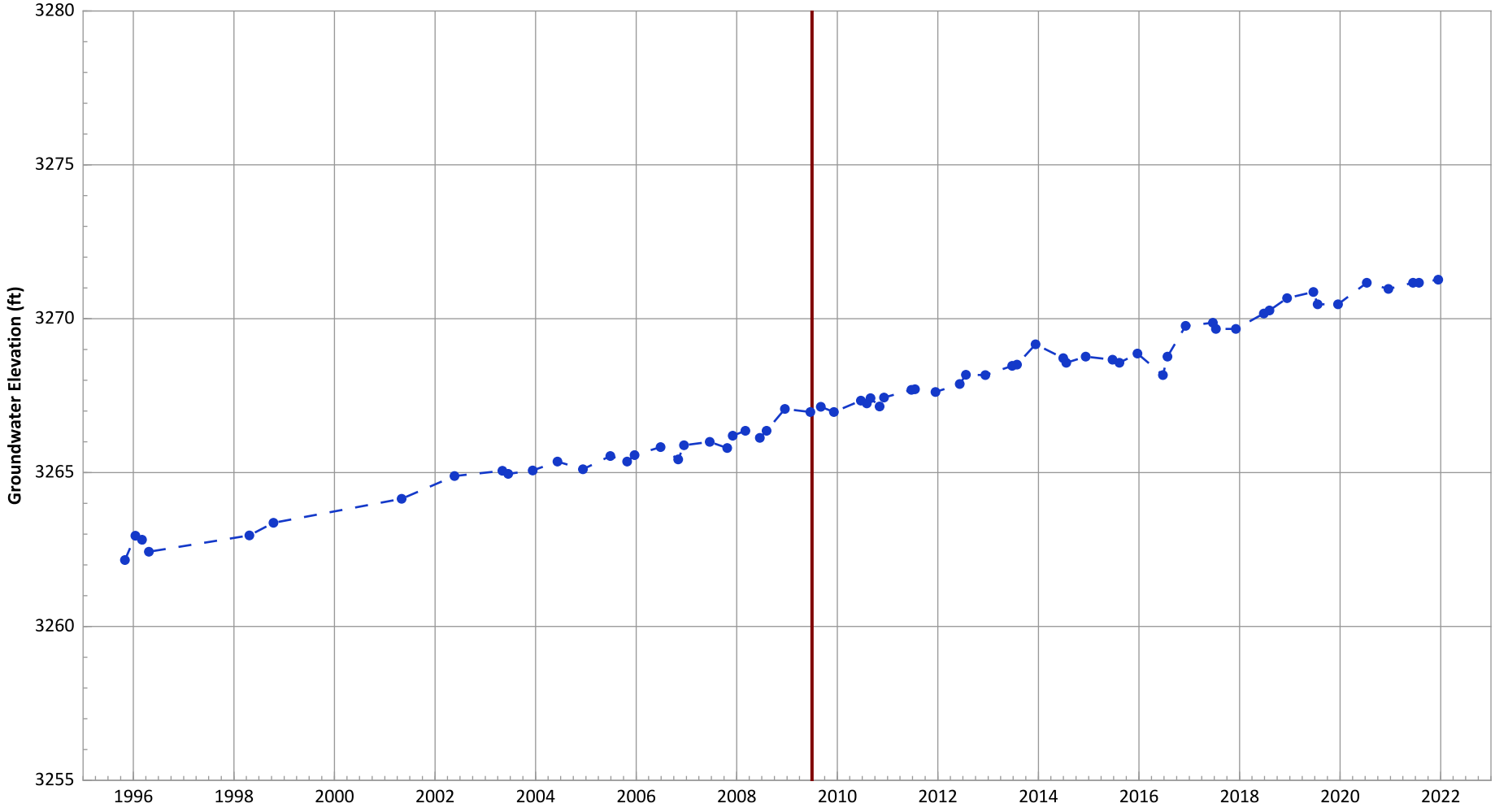
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.37 ft/yr

PTX07-1Q02 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

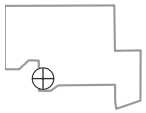


Notes:
1. Top of screen elevation is 3267.94 ft msl.
2. The bottom of screen elevation is 3237.94 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

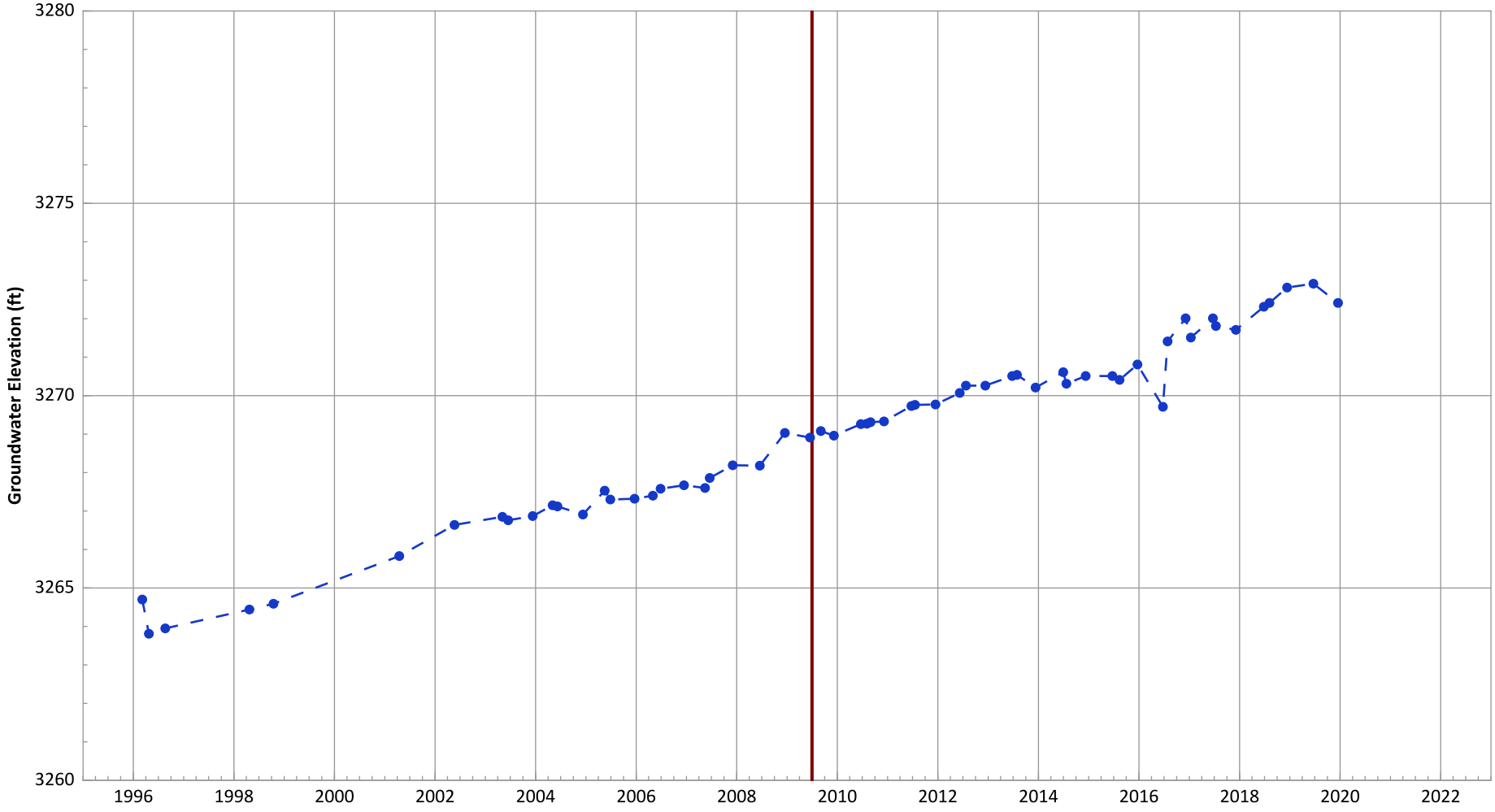
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.11 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.35 ft/yr

PTX07-1Q03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

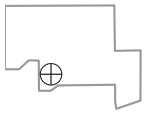


Notes:
1. Top of screen elevation is 3278.29 ft msl.
2. The bottom of screen elevation is 3228.29 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

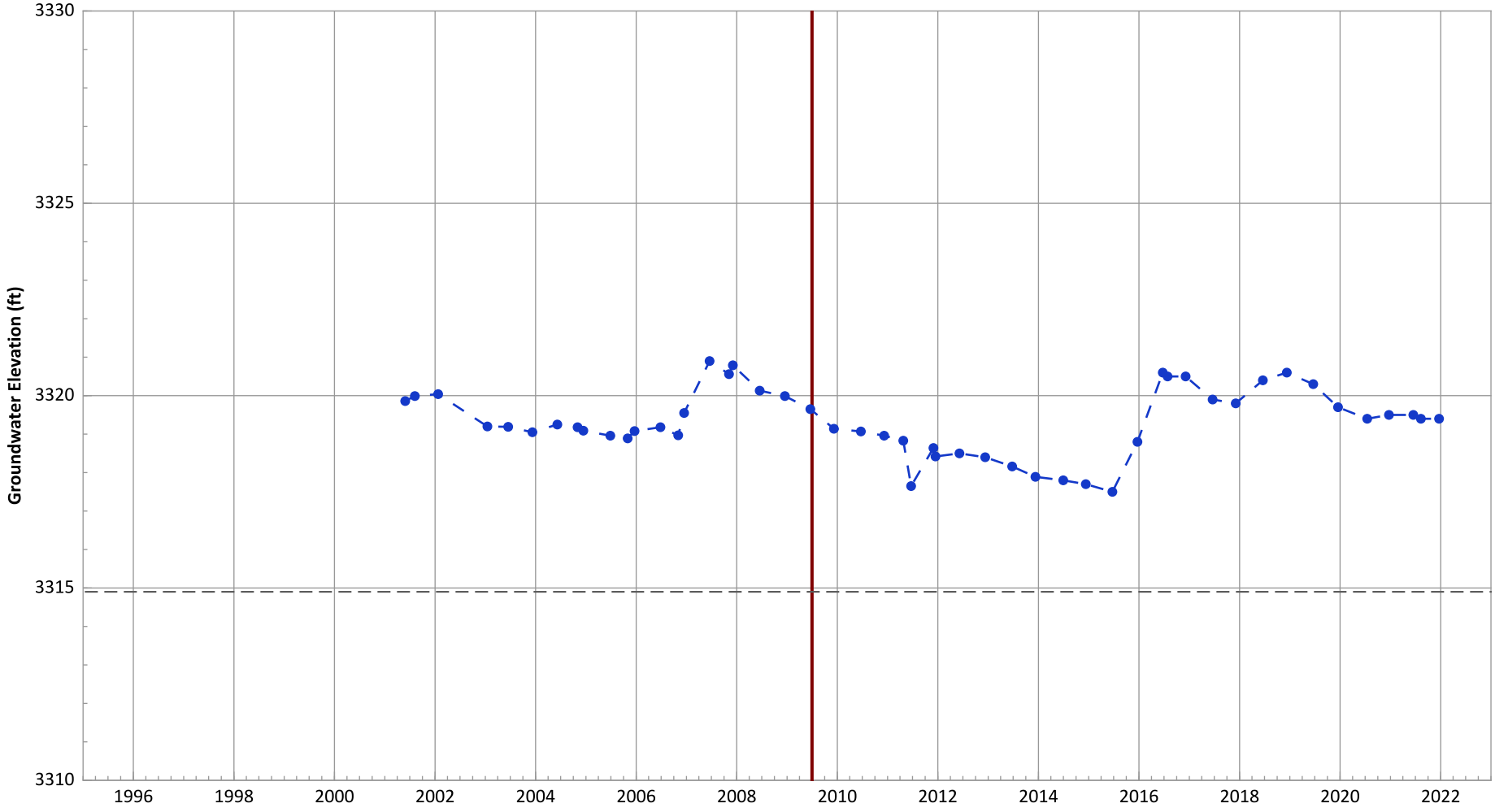
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: N/A (No Measurements)
Data (7/2009 - 1/2022): Increasing at 0.36 ft/yr

PTX07-1R03 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

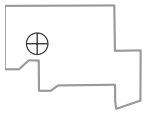


Notes:
1. Top of screen elevation is 3334.9 ft msl.
2. The bottom of screen elevation is 3314.9 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

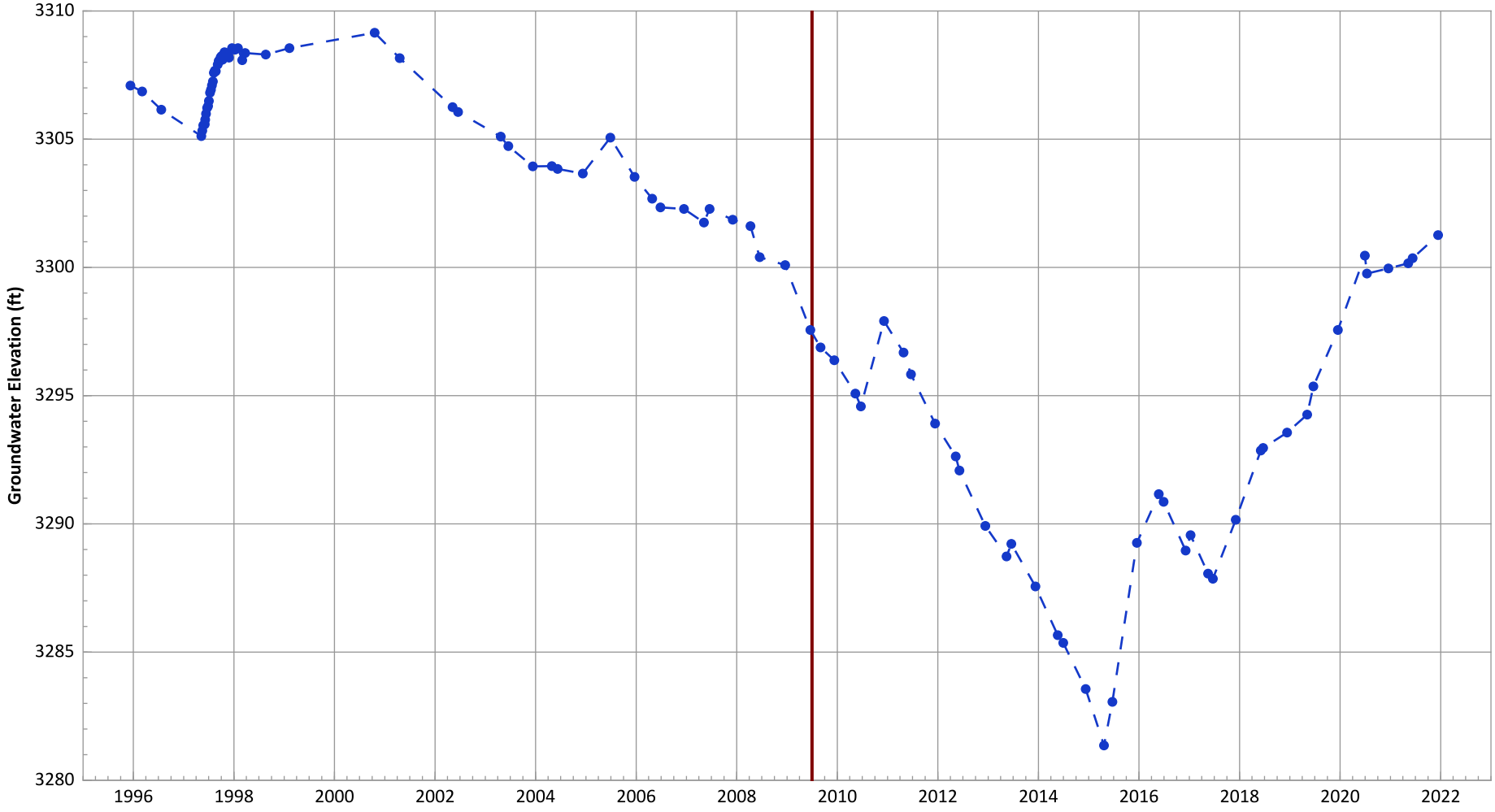
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Increasing at 0.14 ft/yr

PTX08-1001 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

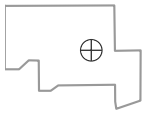


Notes:
1. Top of screen elevation is 3286.63 ft msl.
2. The bottom of screen elevation is 3241.63 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

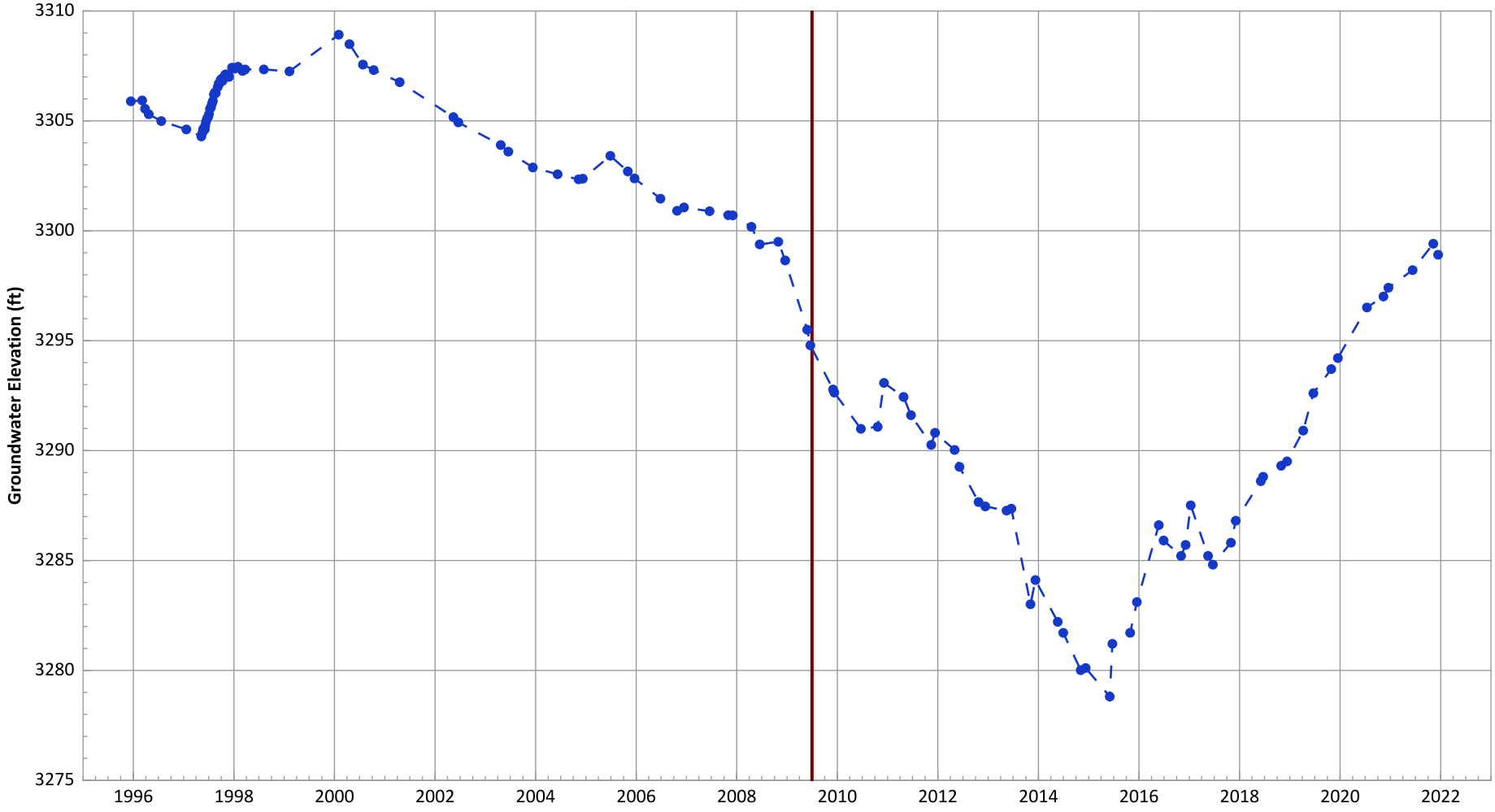
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.65 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.38 ft/yr

PTX08-1002 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

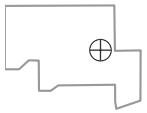


Notes:
1. Top of screen elevation is 3289.71 ft msl.
2. The bottom of screen elevation is 3254.71 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

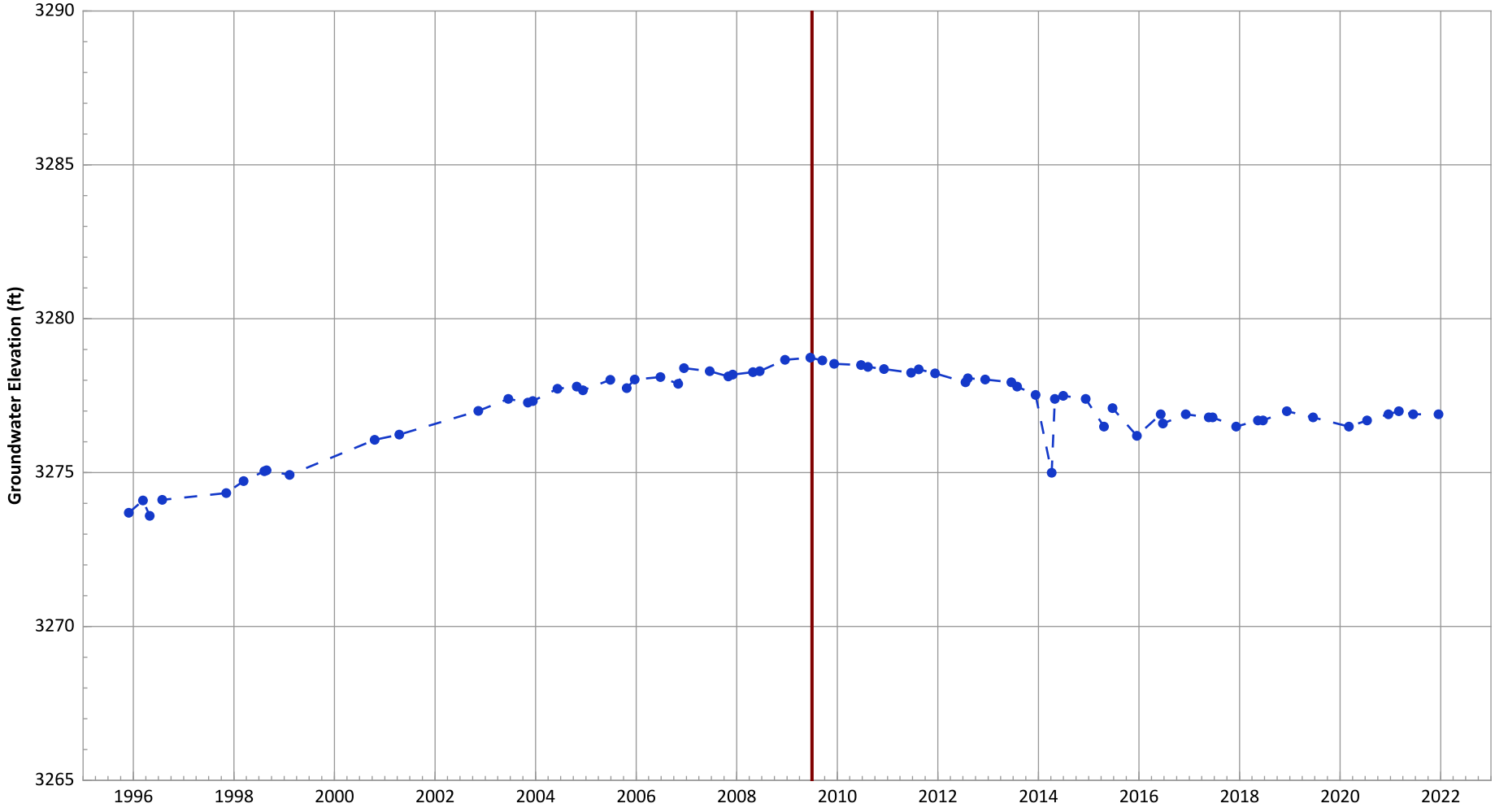
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.93 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.47 ft/yr

PTX08-1003 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

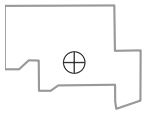


Notes:
1. Top of screen elevation is 3284.39 ft msl.
2. The bottom of screen elevation is 3254.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

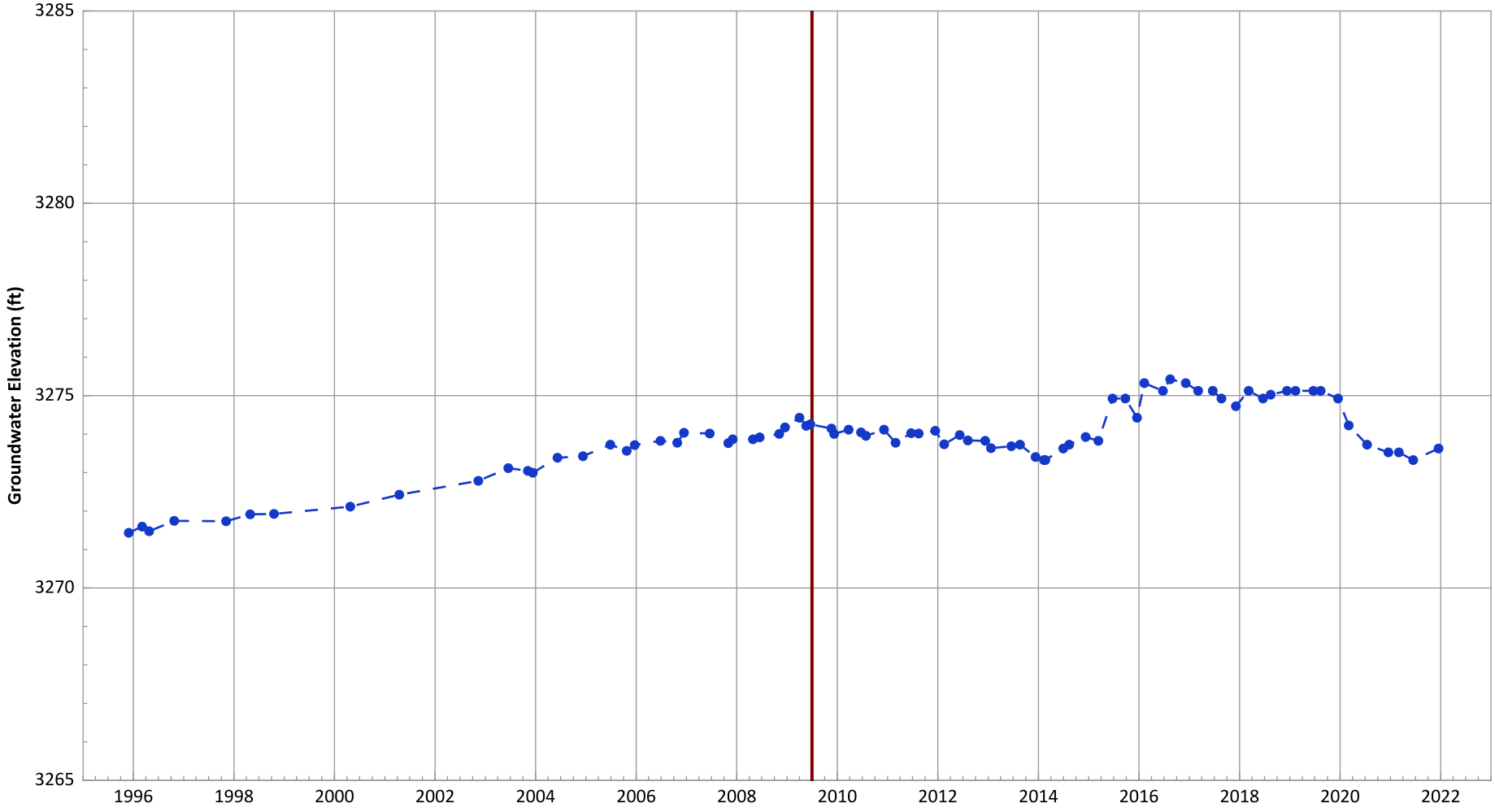
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.23 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.16 ft/yr

PTX08-1005 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

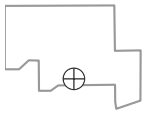


Notes:
1. Top of screen elevation is 3279.61 ft msl.
2. The bottom of screen elevation is 3259.61 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

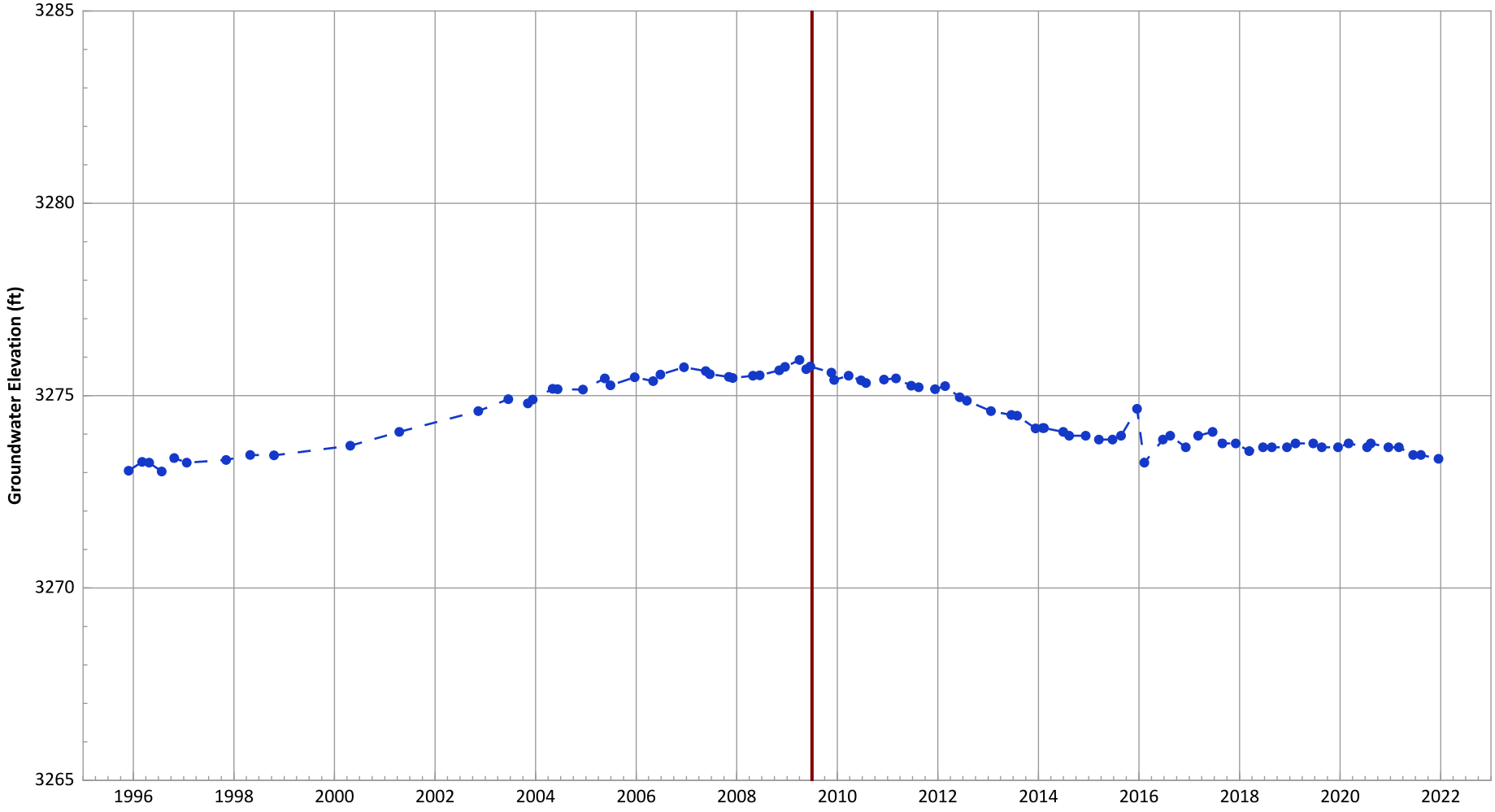
Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.34 ft/yr
Data (7/2009 - 1/2022): No Trend

PTX08-1006 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

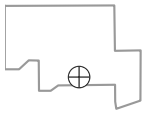


Notes:
1. Top of screen elevation is 3285.96 ft msl.
2. The bottom of screen elevation is 3240.96 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

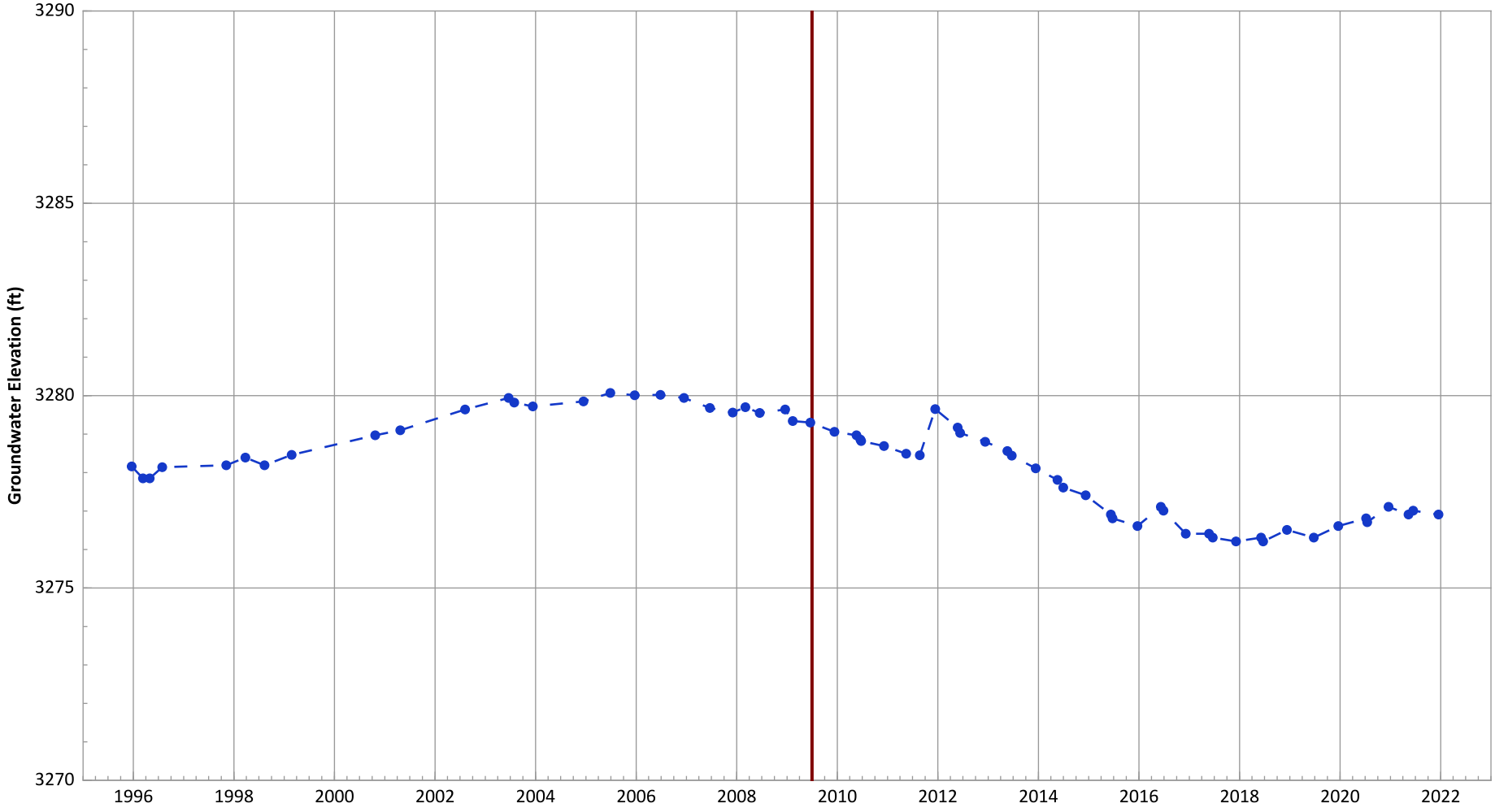
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.23 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.17 ft/yr

PTX08-1007 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

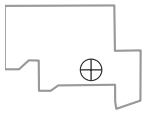


Notes:
1. Top of screen elevation is 3280.55 ft msl.
2. The bottom of screen elevation is 3245.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

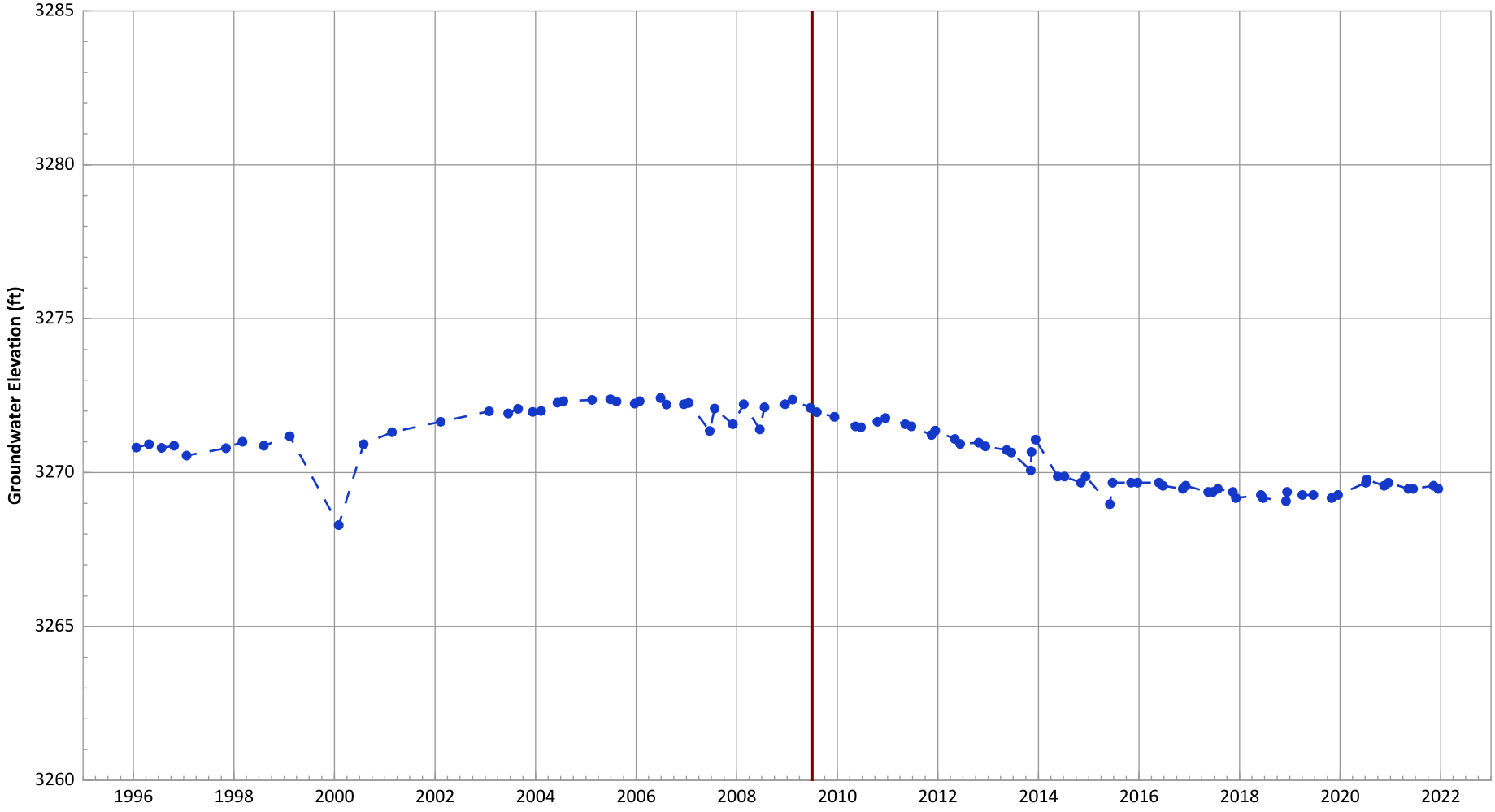
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.11 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

PTX08-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

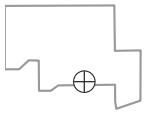


Notes:
1. Top of screen elevation is 3277.04 ft msl.
2. The bottom of screen elevation is 3247.04 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

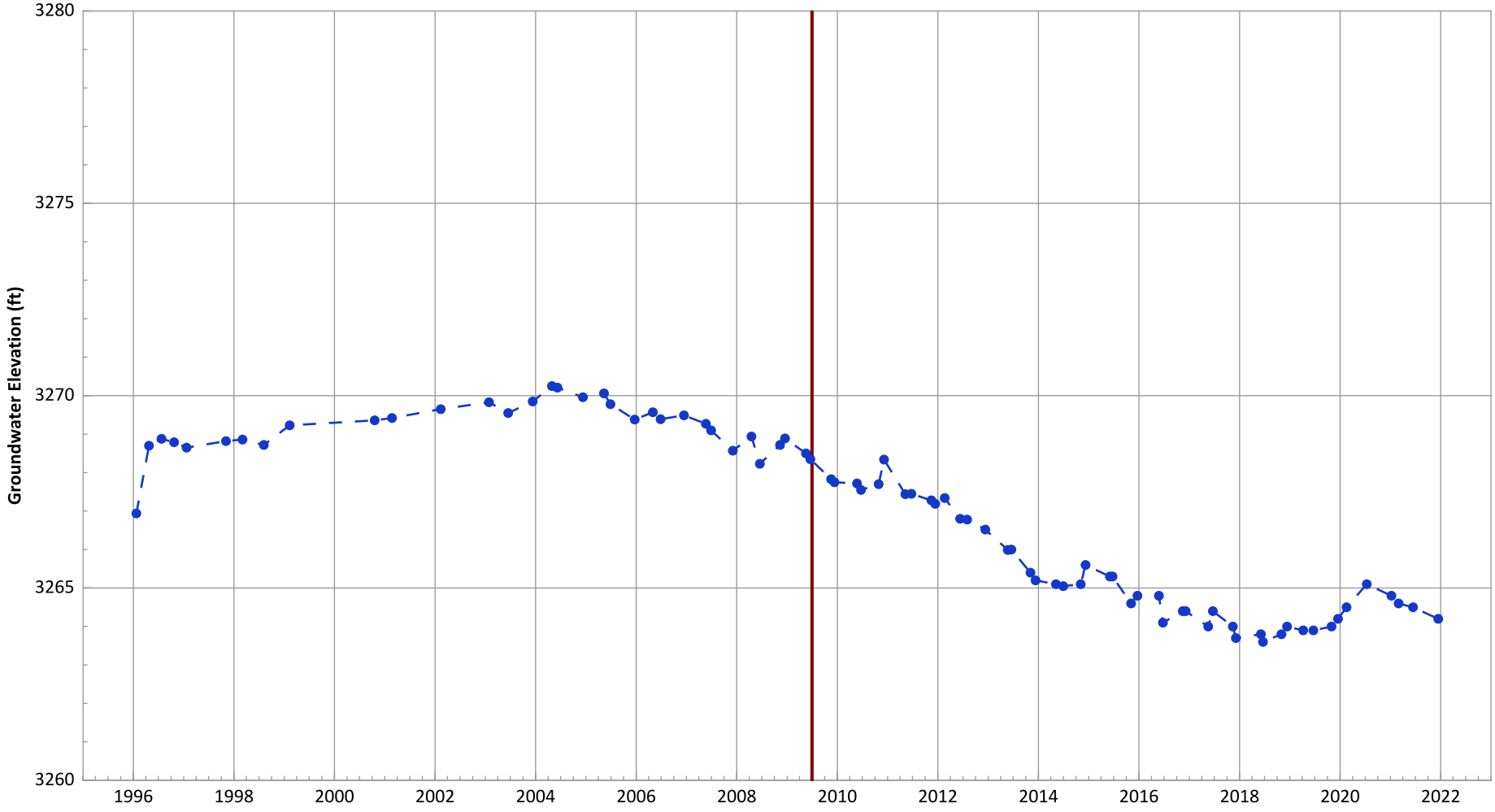
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.16 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.22 ft/yr

PTX08-1009 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

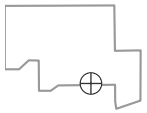


Notes:
1. Top of screen elevation is 3280.09 ft msl.
2. The bottom of screen elevation is 3250.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

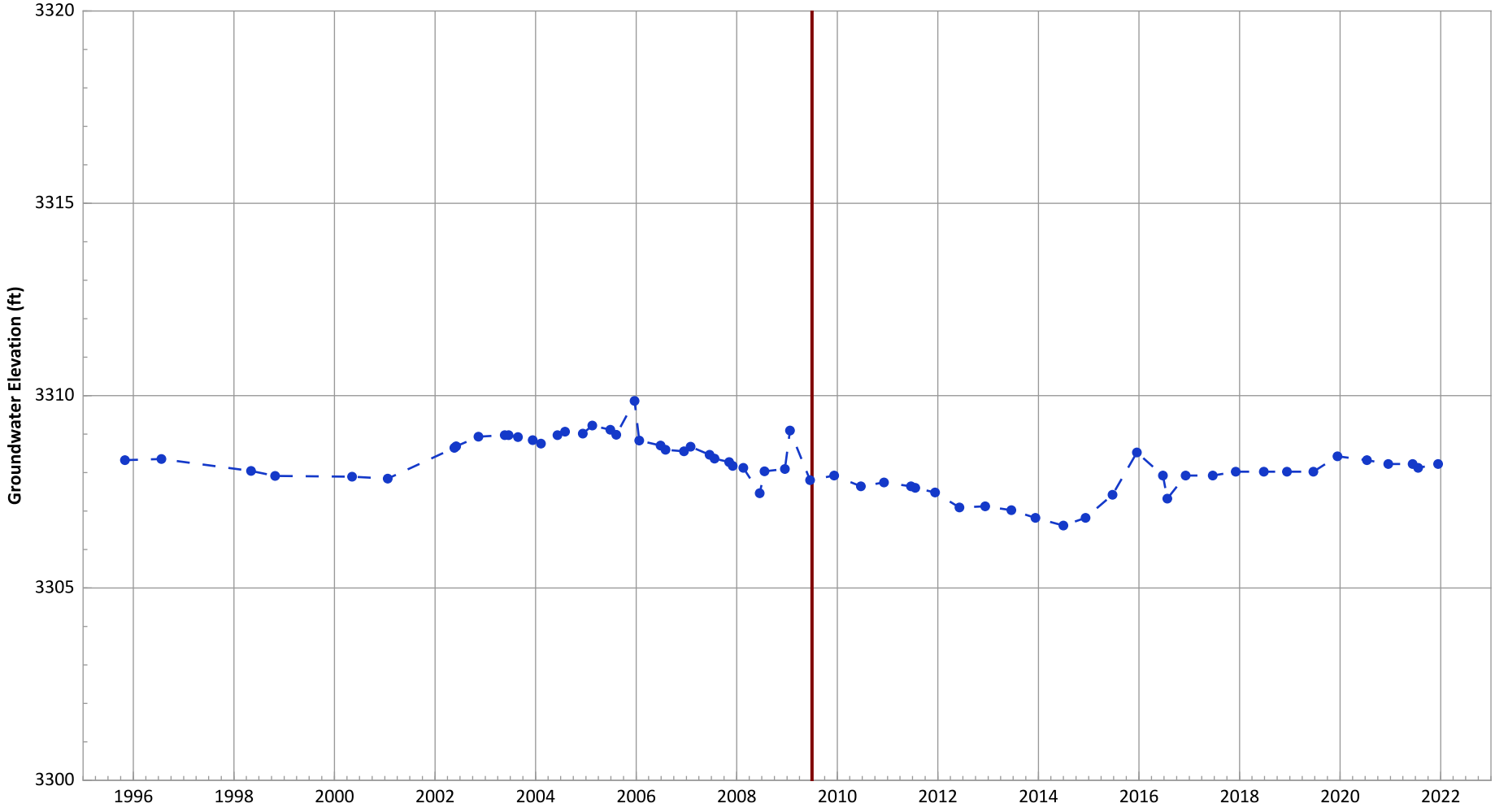
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.27 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.36 ft/yr

PTX08-1010 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

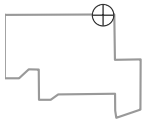


Notes:
1. Top of screen elevation is 3321.22 ft msl.
2. The bottom of screen elevation is 3286.22 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

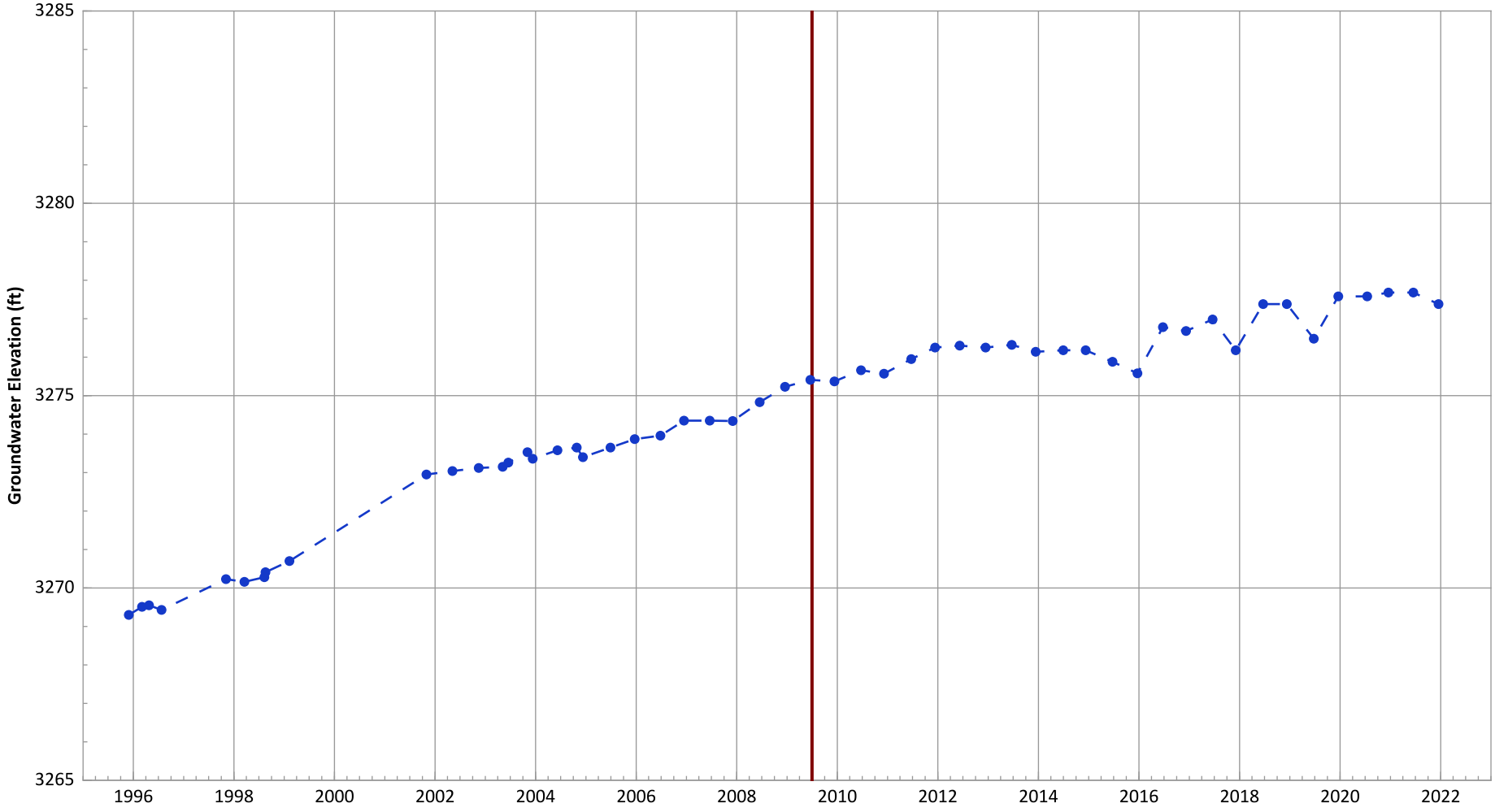
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): No Trend

PTX10-1008 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

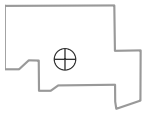


Notes:
1. Top of screen elevation is 3277.2 ft msl.
2. The bottom of screen elevation is 3252.7 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

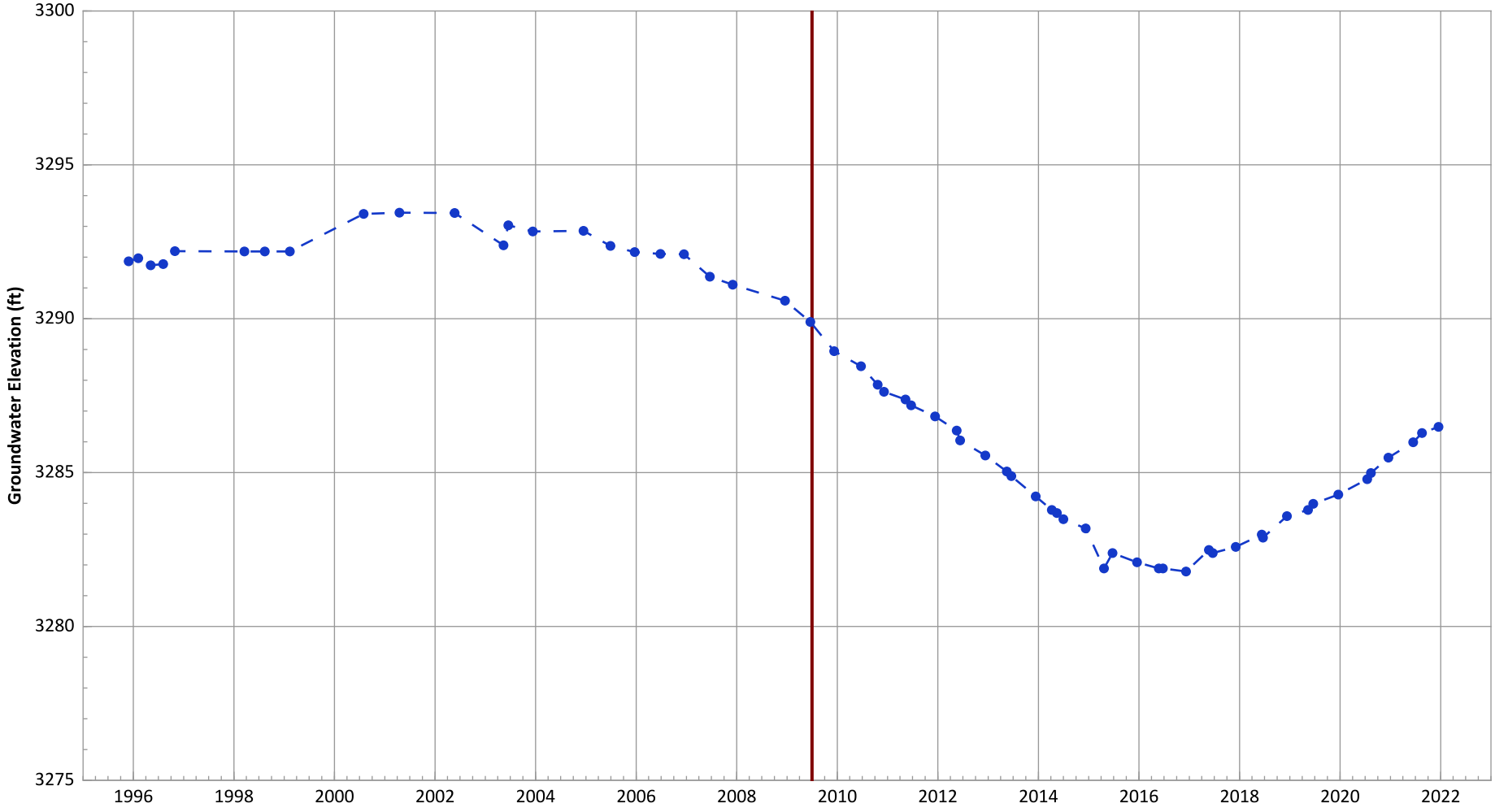
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.13 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.17 ft/yr

PTX10-1014 Hydrograph in Perched Aquifer
USDOE/NNSA Pantex Plant

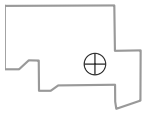


Notes:
1. Top of screen elevation is 3301.64 ft msl.
2. The bottom of screen elevation is 3271.84 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 02/02/2022

Groundwater Elevation
Bottom of Screen Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 1.2 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.25 ft/yr

Ogallala Aquifer Water Level Trends and Hydrographs

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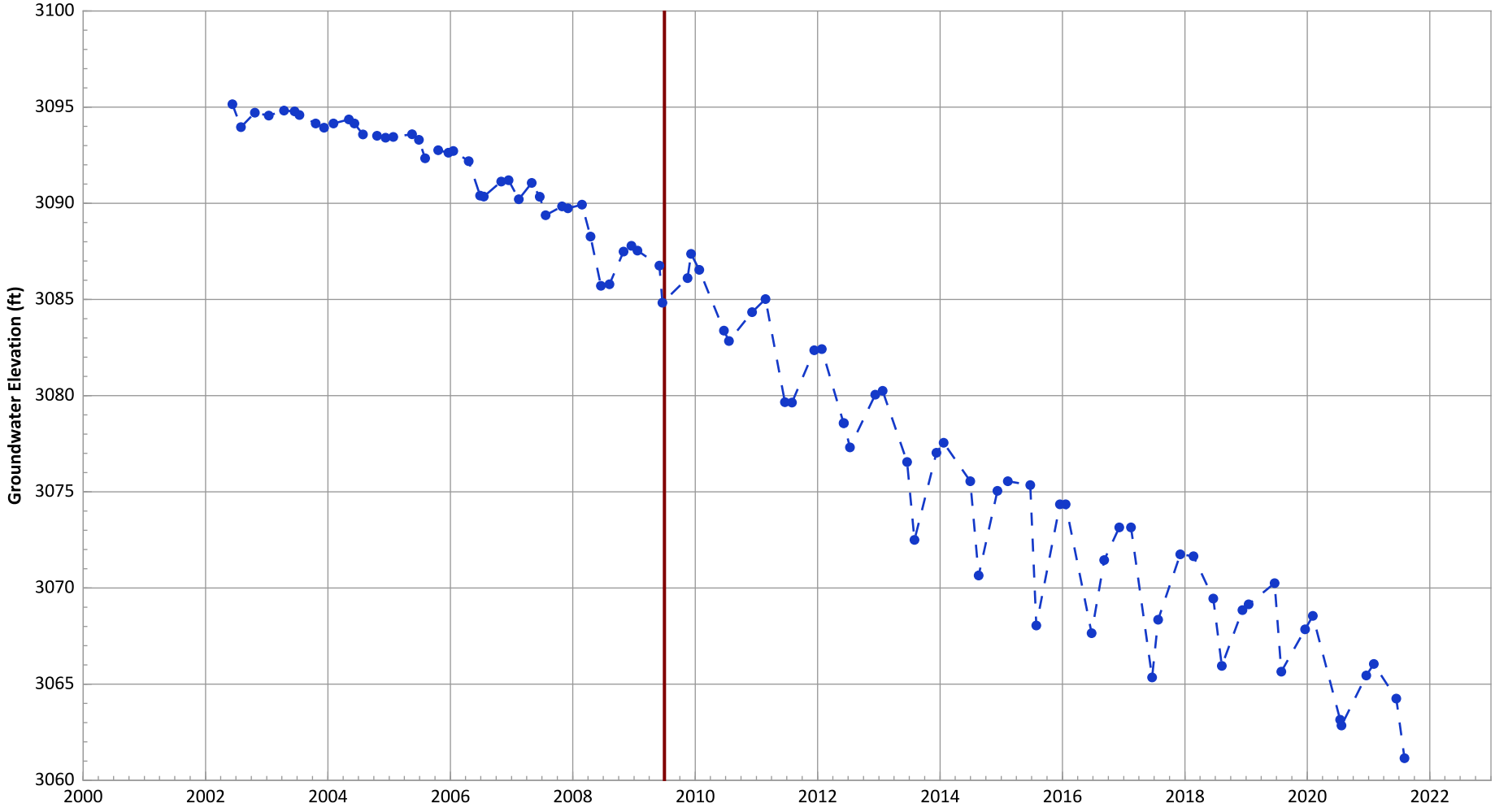
Well	Easting	Northing	Num_AD	Slope_AD	Trend_AD	Change_AD	Num_L2Y	Slope_L2Y	Trend_L2Y	Change_L2Y	Num_SSRA	Slope_SSRA	Trend_SSRA	Change_SSRA	Num_5YRP	Slope_5YRP	Trend_5YRP	Change_5YRP
PTX01-1010	630576.88	3771397.26	92	-1.81	Decreasing	-34	7	-2.50	Decreasing	-7.4	50	-1.84	Decreasing	-24.96	19	-1.66	Decreasing	-12
PTX01-1011	629986.45	3771397.29	84	-1.69	Decreasing	-31.88	7	-2.28	Decreasing	-4	53	-1.79	Decreasing	-20.82	21	-1.83	Decreasing	-8.6
PTX01-1012	632664.21	3773264.13	74	-1.93	Decreasing	-31.5	6	0.04	No Trend	-4.5	48	-1.99	Decreasing	-21.06	18	-0.87	Decreasing	-9.7
PTX01-1013	628976.89	3773218.25	91	-1.90	Decreasing	-30.47	6	-0.04	No Trend	-4.4	48	-1.92	Decreasing	-23.07	18	-1.23	Decreasing	-10
PTX06-1043	640711.00	3765225.21	74	-1.11	Decreasing	-23.48	8	-1.10	Decreasing	-2	49	-1.28	Decreasing	-14.1	20	-0.97	Decreasing	-5.5
PTX06-1044	642706.18	3764538.54	82	-1.72	Decreasing	-33.46	8	-1.54	Decreasing	-2.7	51	-1.81	Decreasing	-20.65	20	-1.47	Decreasing	-7.6
PTX06-1056	643767.03	3754642.87	98	-0.42	Decreasing	-7.66	8	-1.13	Decreasing	-0.7	64	-0.54	Decreasing	-5.64	26	-0.69	Decreasing	-2.4
PTX06-1057A	629630.04	3768142.23	71	-1.31	Decreasing	-25.79	6	-1.37	Decreasing	-1.9	40	-1.41	Decreasing	-16.64	17	-1.41	Decreasing	-6.3
PTX06-1058	624894.00	3759747.11	67	-0.43	Decreasing	-8.87	6	-0.70	Decreasing	-0.65	37	-0.48	Decreasing	-5.19	15	-0.57	Decreasing	-2.15
PTX06-1059	628129.98	3760459.31	67	-0.98	Decreasing	-18.18	6	-1.00	Decreasing	-1.38	39	-1.00	Decreasing	-11.82	17	-1.01	Decreasing	-4.28
PTX06-1060	620969.93	3758599.72	62	0.17	Increasing	3.91	6	0.34	Increasing	0.5	41	0.18	Increasing	2.3	17	0.27	Increasing	1.3
PTX06-1061	625651.61	3773186.59	70	-1.78	Decreasing	-32.12	6	-1.01	Decreasing	-2.8	42	-1.76	Decreasing	-20.97	17	-2.02	Decreasing	-10.6
PTX06-1062A	633017.18	3771685.22	100	-1.62	Decreasing	-30.78	8	-1.66	Decreasing	-4.1	55	-1.74	Decreasing	-20.09	21	-1.77	Decreasing	-9.8
PTX06-1064	635900.45	3773557.90	90	-1.48	Decreasing	-27.64	6	-0.43	Decreasing	0.3	51	-1.61	Decreasing	-18.9	20	-1.92	Decreasing	-8.9
PTX06-1068	643403.70	3773360.30	98	-1.67	Decreasing	-32.7	9	-1.84	Decreasing	-3.7	58	-1.55	Decreasing	-19.18	23	-2.25	Decreasing	-10.3
PTX06-1072	635047.45	3758434.63	74	-0.75	Decreasing	-15.42	8	-0.96	Decreasing	-1.6	52	-0.72	Decreasing	-9.19	21	-0.80	Decreasing	-4
PTX06-1075	630512.54	3753624.01	67	0.13	Increasing	1.74	6	0.26	Increasing	0	40	0.11	Increasing	2.21	17	0.07	No Trend	0.3
PTX06-1076	637327.32	3752978.41	83	0.11	Increasing	1.25	9	0.17	Increasing	0.1	54	0.14	Increasing	1.97	23	0.09	No Trend	0.4
PTX06-1137A	647900.89	3758635.67	53	-1.47	Decreasing	-17.5	8	-1.42	Decreasing	-1.9	52	-1.47	Decreasing	-16.77	22	-1.36	Decreasing	-6.1
PTX06-1138	646285.31	3760503.82	54	-1.32	Decreasing	-15.68	8	-1.40	Decreasing	-2.1	53	-1.33	Decreasing	-15.48	23	-1.26	Decreasing	-5.9
PTX06-1139	646768.73	3756376.08	53	-0.95	Decreasing	-10.59	8	-0.78	Decreasing	-1.3	52	-0.95	Decreasing	-11.11	22	-0.57	Decreasing	-2.8
PTX06-1140	646959.38	3762807.67	54	-2.29	Decreasing	-26.31	8	-1.73	Decreasing	-2.7	53	-2.30	Decreasing	-25.74	22	-1.86	Decreasing	-8.6
PTX06-1141	633445.44	3766872.94	51	-1.36	Decreasing	-16.74	6	-1.75	Decreasing	-2.9	50	-1.36	Decreasing	-16.05	20	-1.48	Decreasing	-7.1
PTX06-1143	639244.72	3770496.78	54	-1.37	Decreasing	-15.13	8	-1.02	Decreasing	-1.1	53	-1.39	Decreasing	-15.72	22	-1.47	Decreasing	-7
PTX06-1144	640252.98	3773320.45	53	-1.30	Decreasing	-14.74	8	-0.50	Decreasing	-0.9	52	-1.32	Decreasing	-16.4	22	-1.75	Decreasing	-8.2
PTX06-1157	647101.97	3753701.98	52	-0.12	Decreasing	-0.32	8	-0.10	No Trend	-0.3	52	-0.12	Decreasing	-0.32	22	-0.24	Decreasing	-1
PTX07-1R01	627914.28	3764159.91	74	-1.15	Decreasing	-24.15	7	-1.49	Decreasing	-1.5	50	-1.24	Decreasing	-14.25	20	-1.27	Decreasing	-5.2

PTX01-1010 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

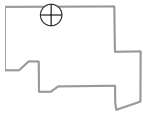


Notes:
1. Top of screen elevation is 3104.01 ft msl.
2. The bottom of screen elevation is 2729.01 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

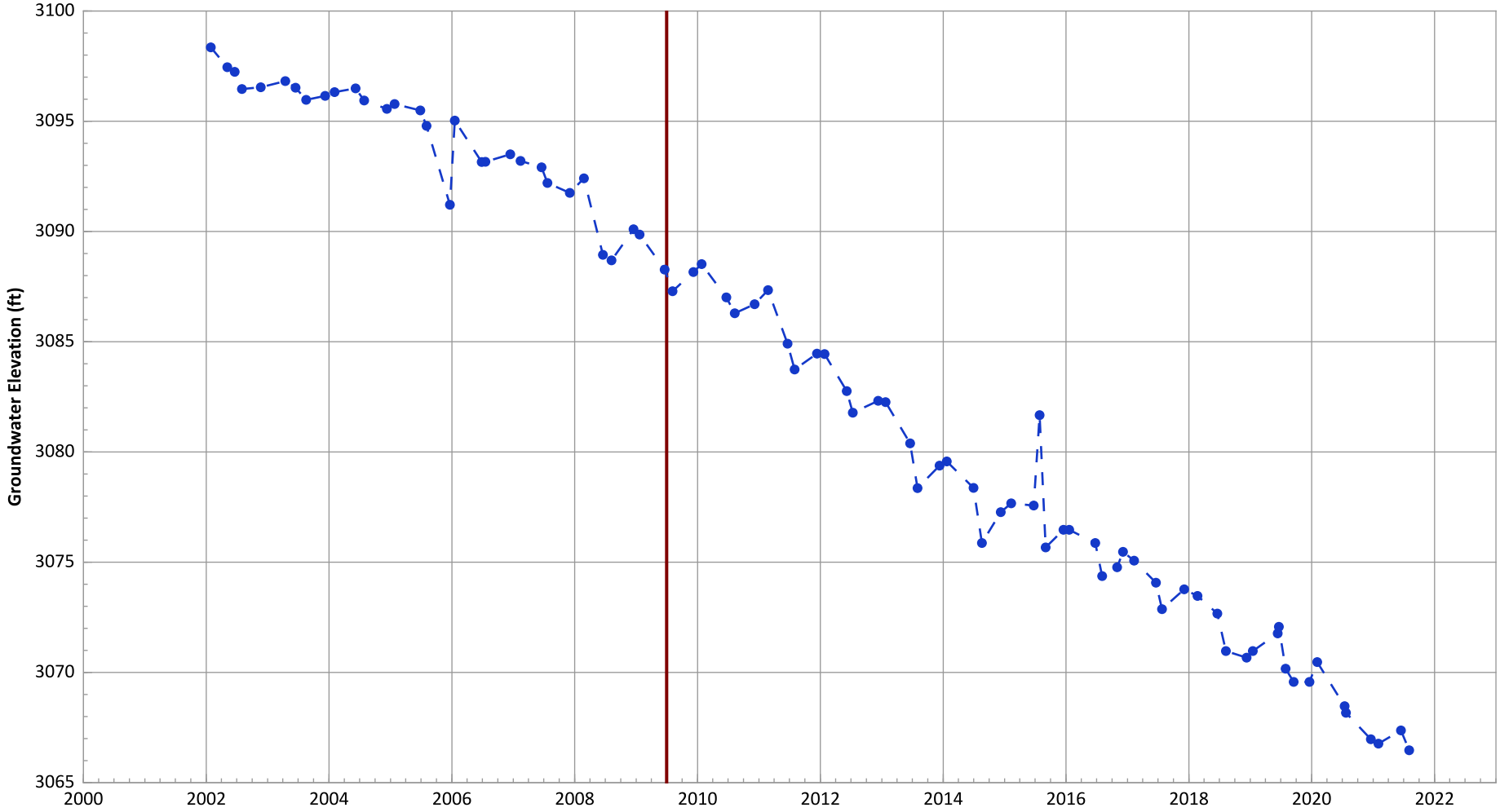
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 2.5 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.84 ft/yr

PTX01-1011 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

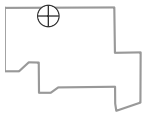


Notes:
1. Top of screen elevation is 3107.81 ft msl.
2. The bottom of screen elevation is 2782.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

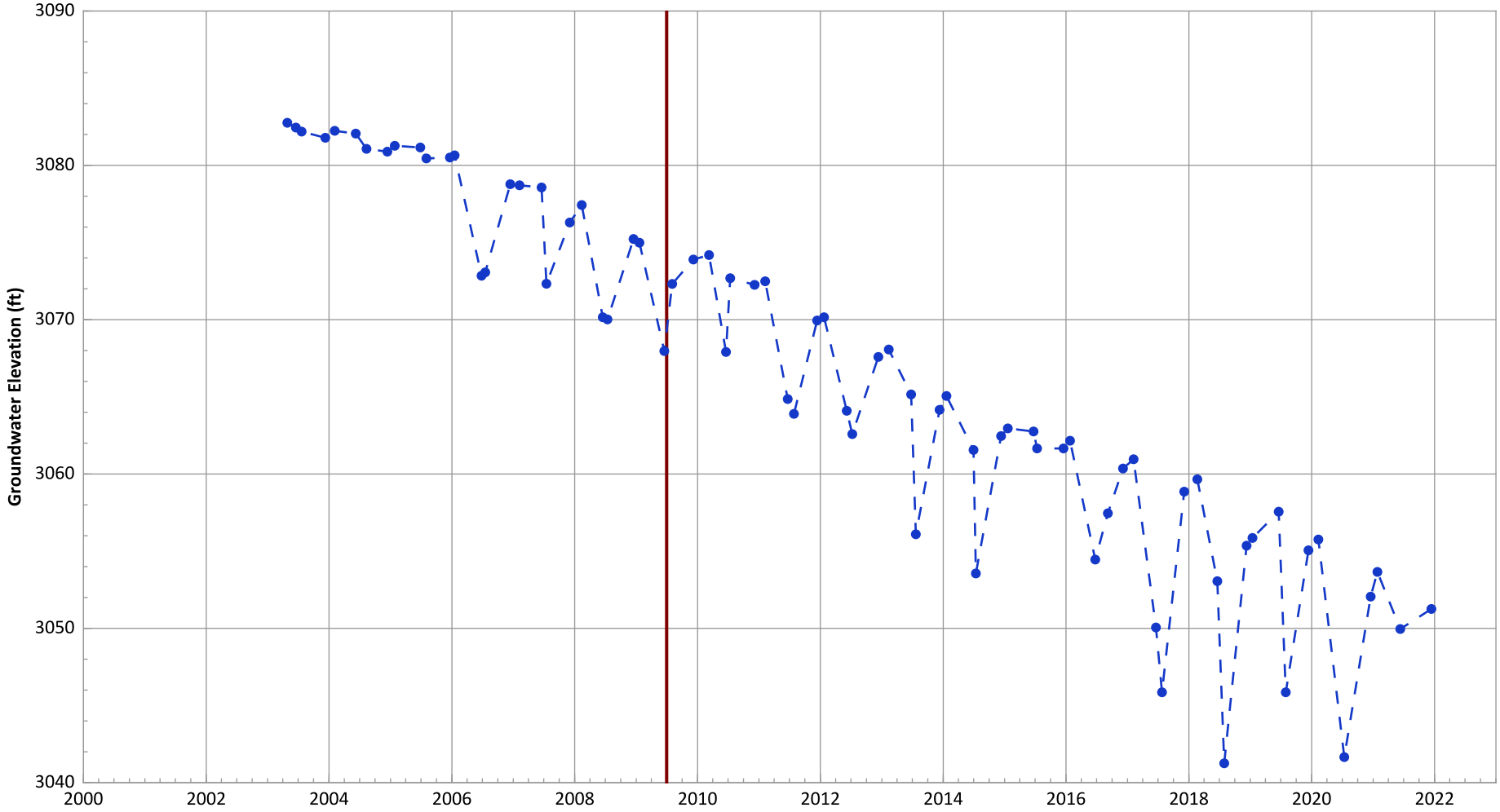
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 2.28 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.79 ft/yr

PTX01-1012 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

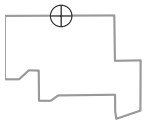


Notes:
1. Top of screen elevation is 3112.48 ft msl.
2. The bottom of screen elevation is 2677.48 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

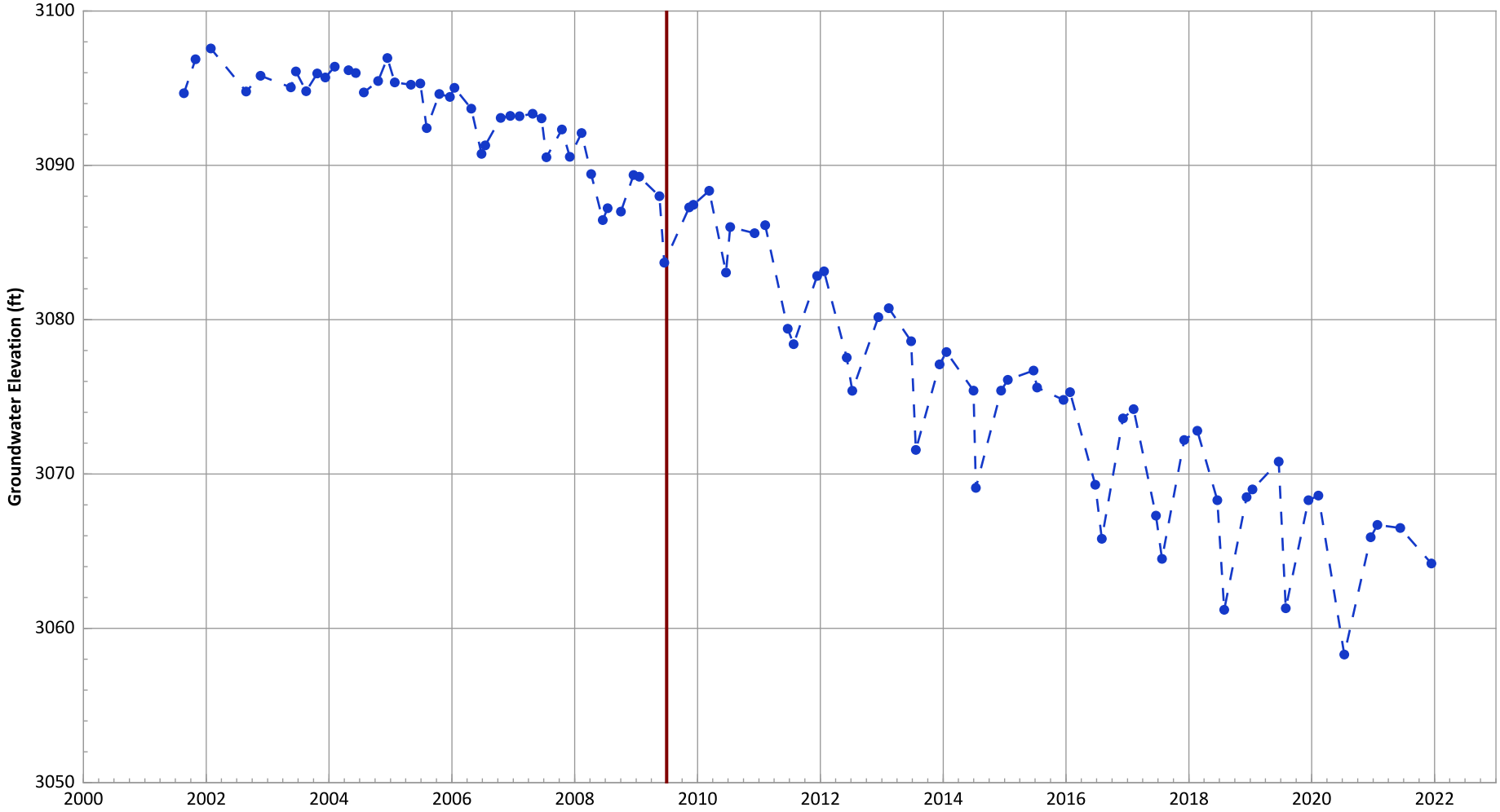
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 1.99 ft/yr

PTX01-1013 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

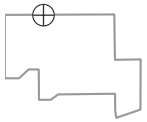


Notes:
1. Top of screen elevation is 3122.17 ft msl.
2. The bottom of screen elevation is 2717.17 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

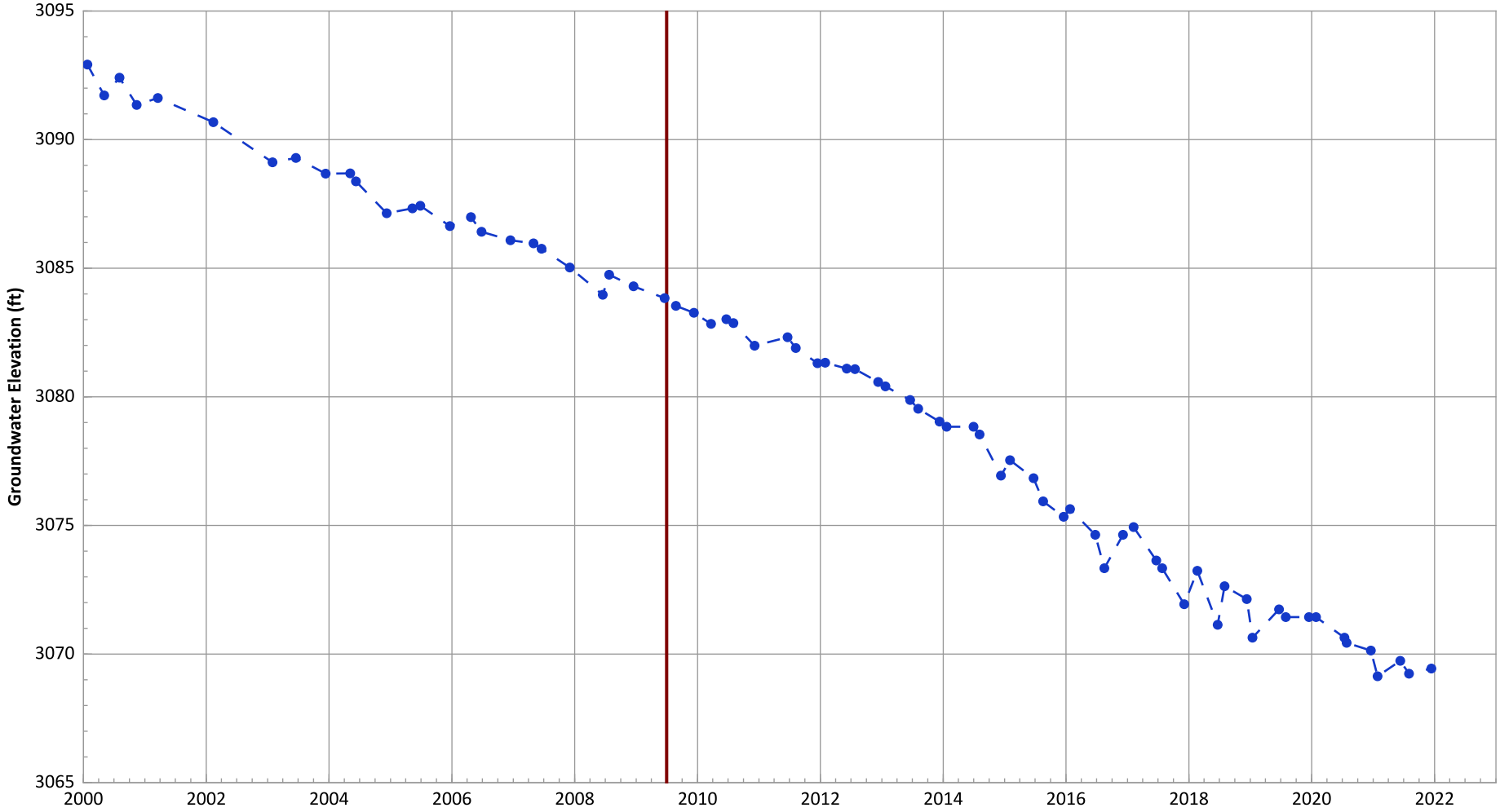
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 1.92 ft/yr

PTX06-1043 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

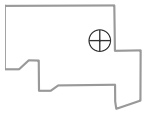


Notes:
1. Top of screen elevation is 3116.09 ft msl.
2. The bottom of screen elevation is 2896.09 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

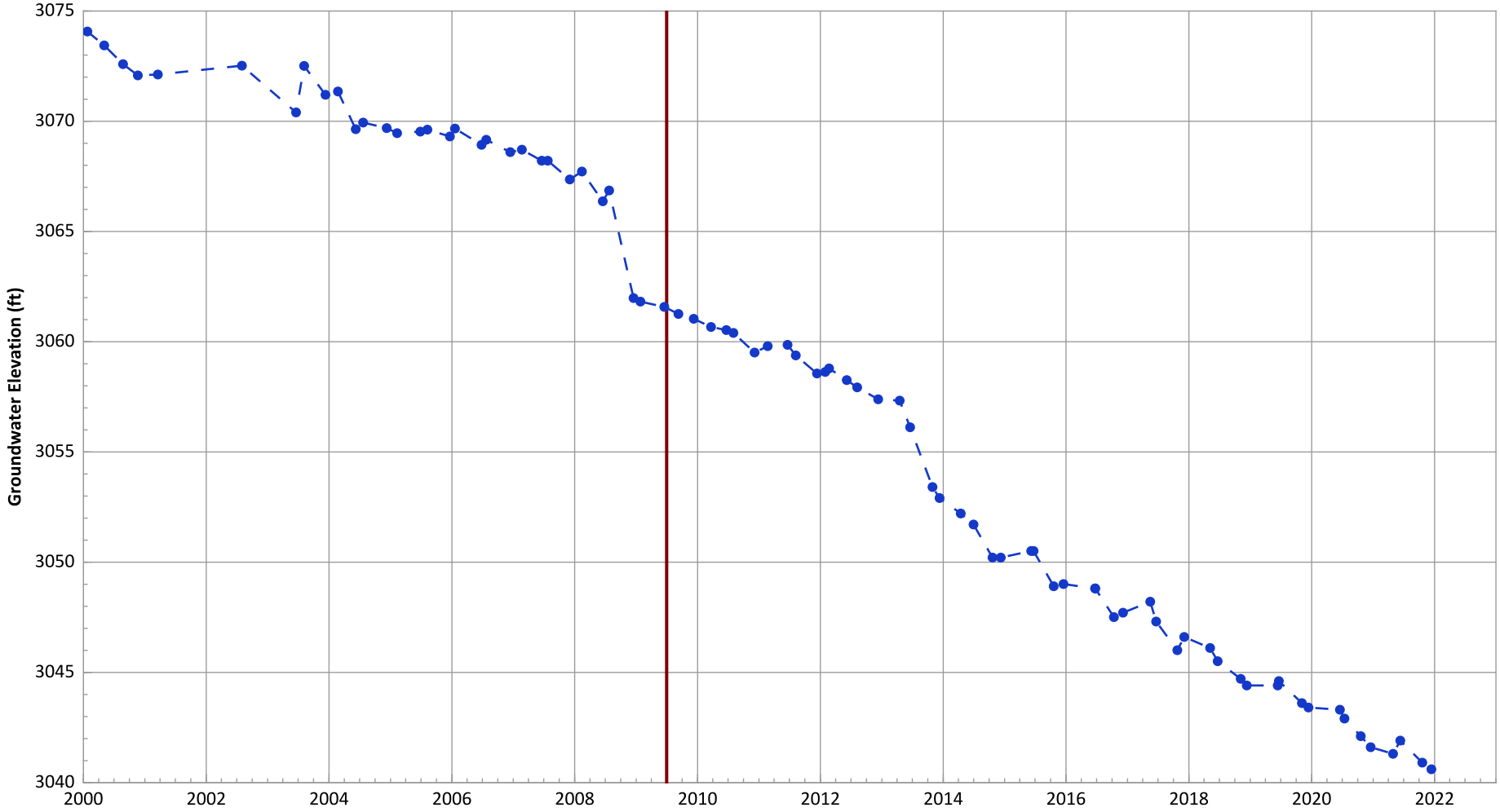
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.1 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.28 ft/yr

PTX06-1044 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

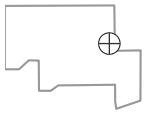


Notes:
1. Top of screen elevation is 3148.69 ft msl.
2. The bottom of screen elevation is 2928.69 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

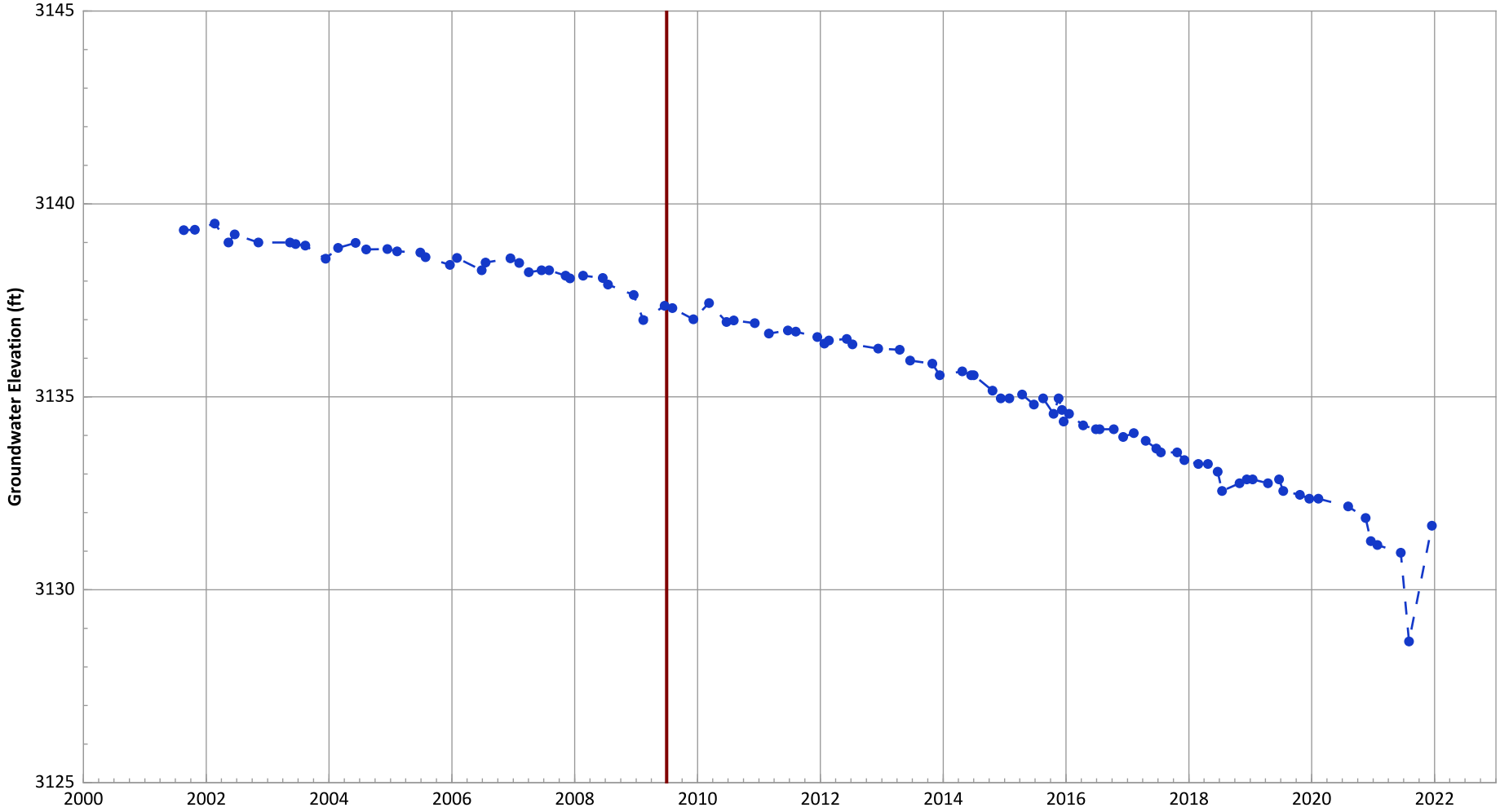
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.54 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.81 ft/yr

PTX06-1056 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

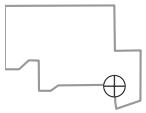


Notes:
1. Top of screen elevation is 3180.77 ft msl.
2. The bottom of screen elevation is 3060.77 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

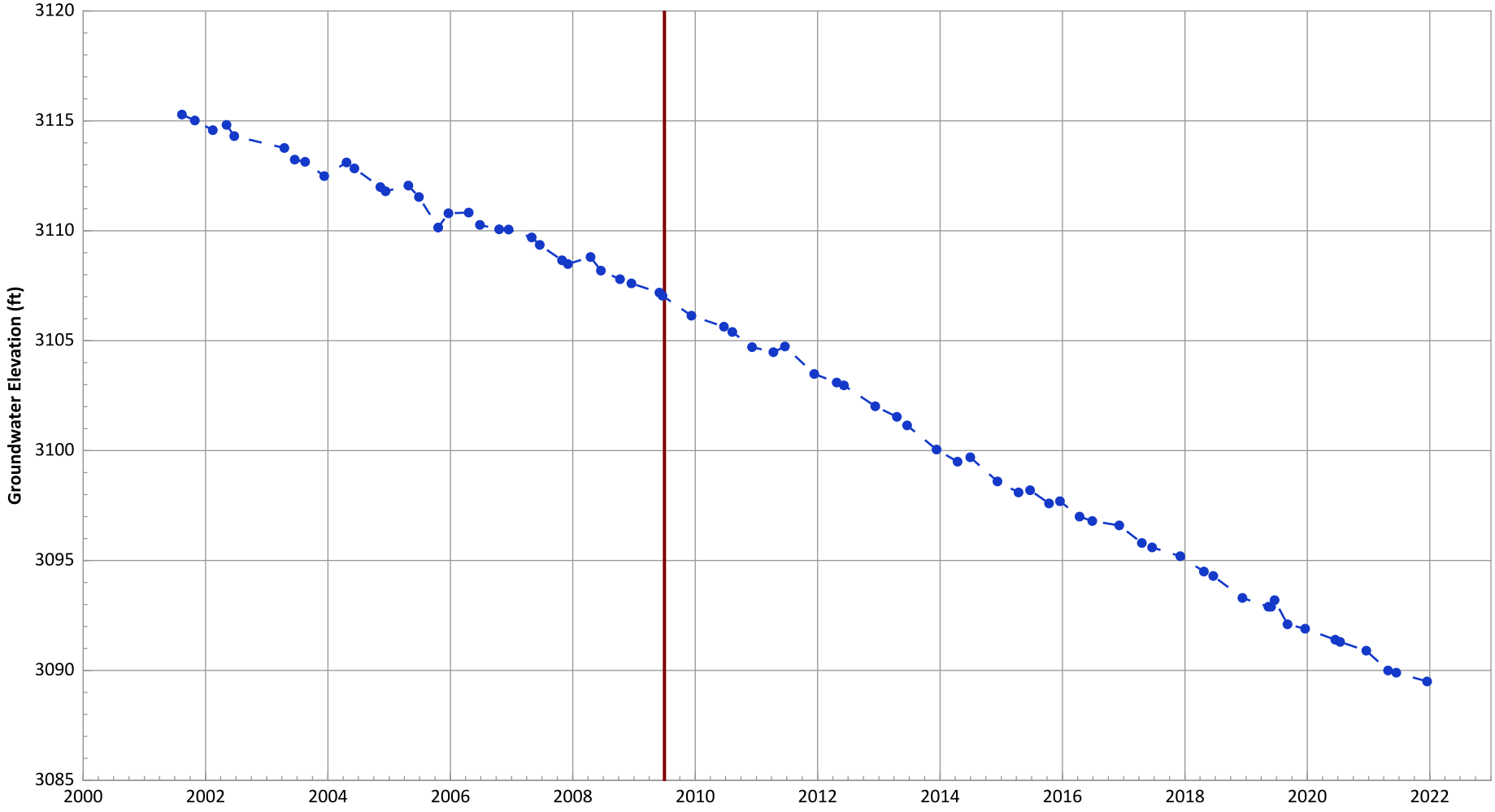
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.13 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.54 ft/yr

PTX06-1057A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

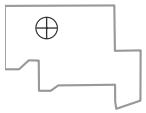


Notes:
1. Top of screen elevation is 3141.52 ft msl.
2. The bottom of screen elevation is 2811.52 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

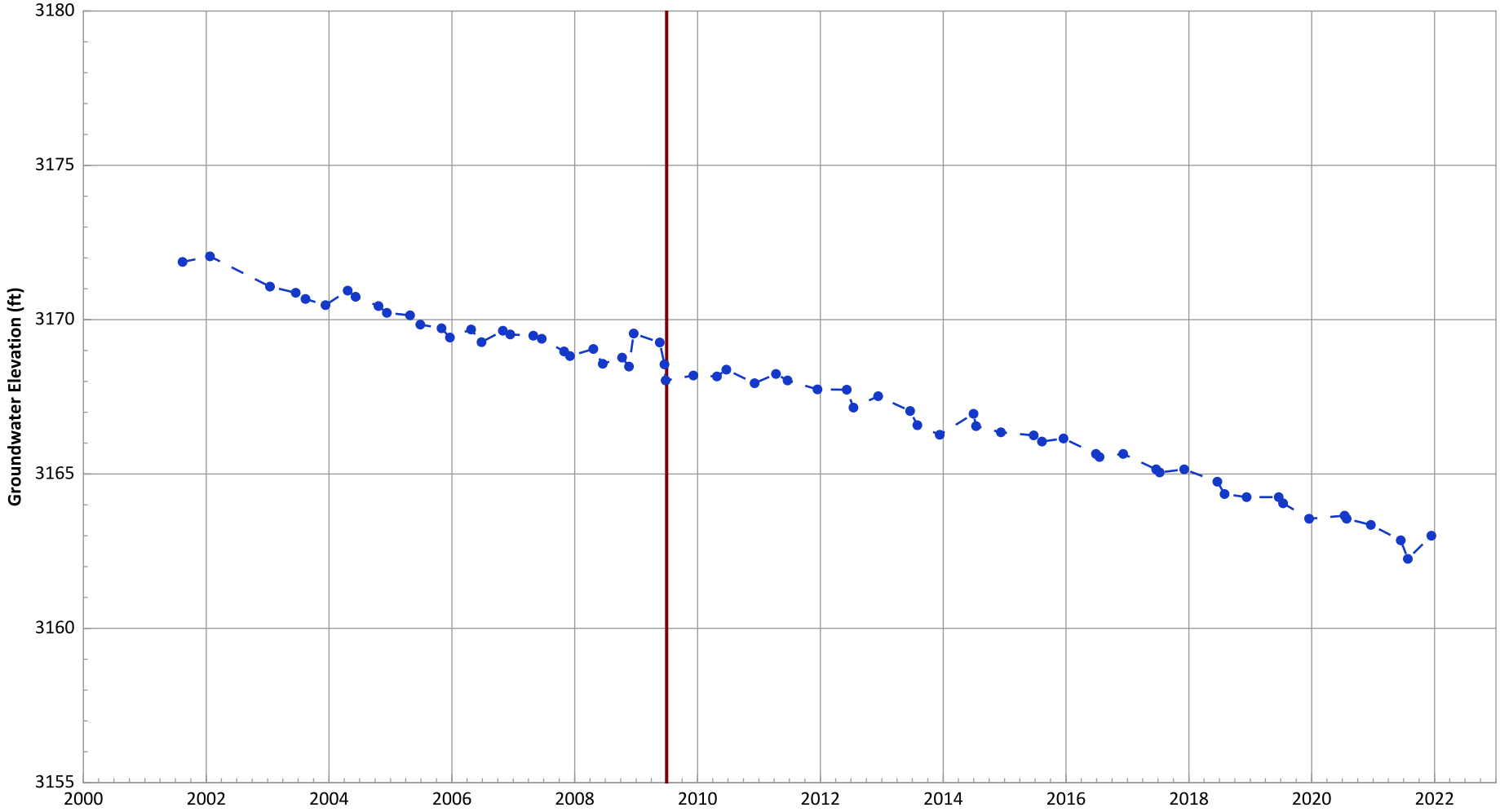
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.37 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.41 ft/yr

PTX06-1058 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

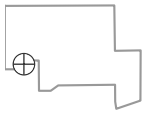


Notes:
1. Top of screen elevation is 3188.45 ft msl.
2. The bottom of screen elevation is 3038.45 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

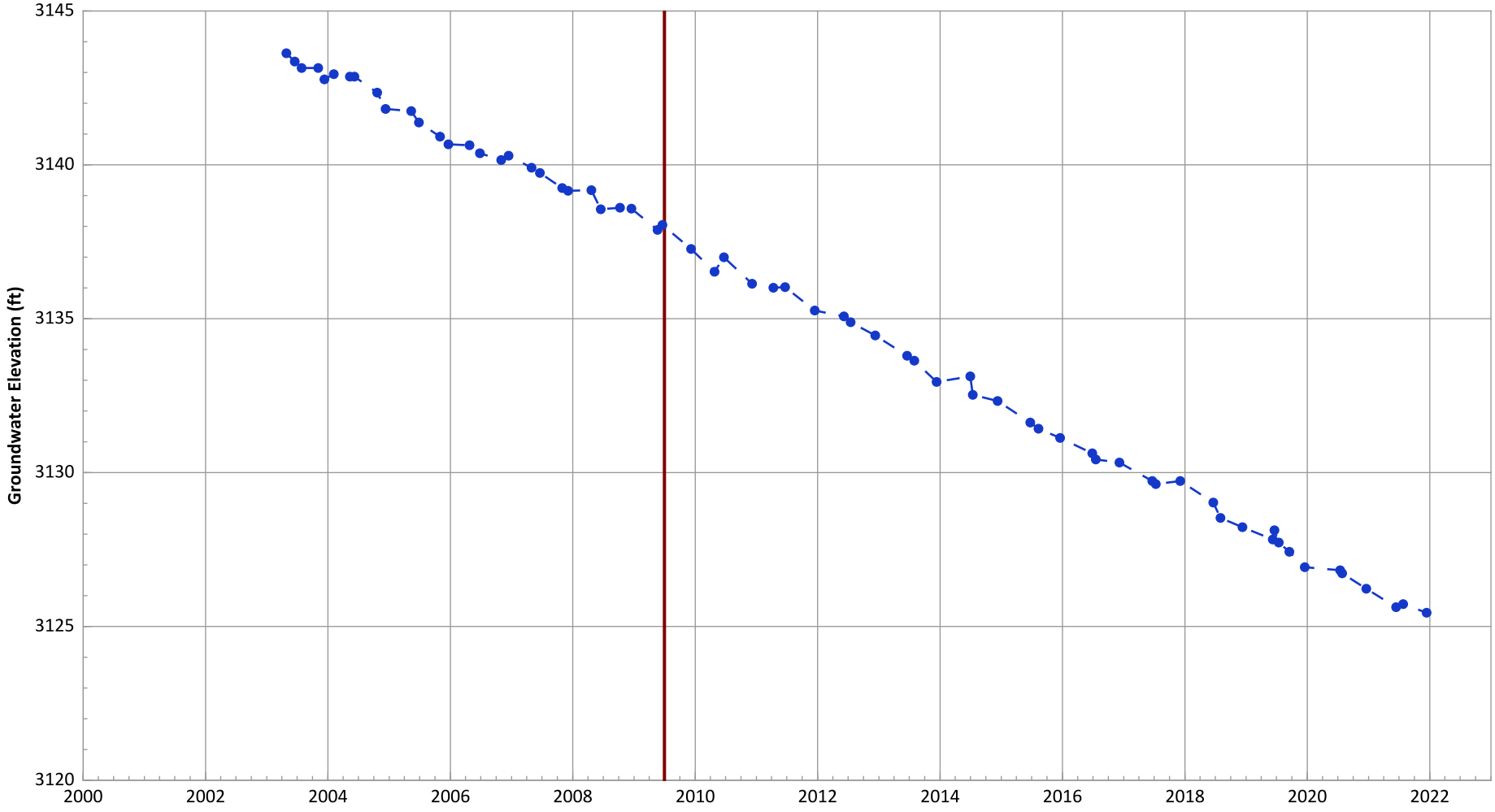
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.7 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.48 ft/yr

PTX06-1059 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

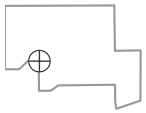


Notes:
1. Top of screen elevation is 3167.39 ft msl.
2. The bottom of screen elevation is 3007.39 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

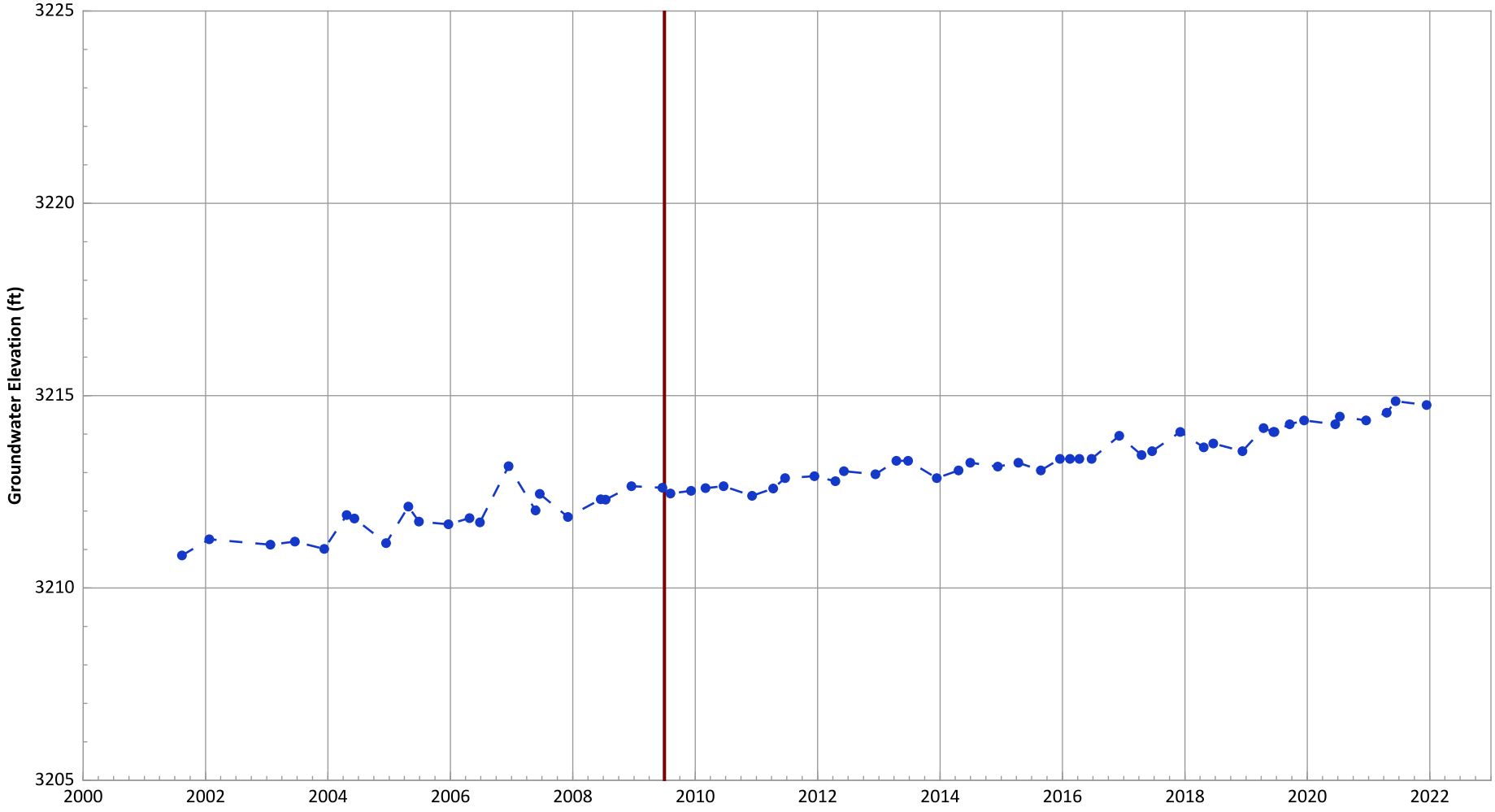
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.0 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.0 ft/yr

PTX06-1060 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant



Notes:
1. Top of screen elevation is 3191.81 ft msl.
2. The bottom of screen elevation is 3066.81 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

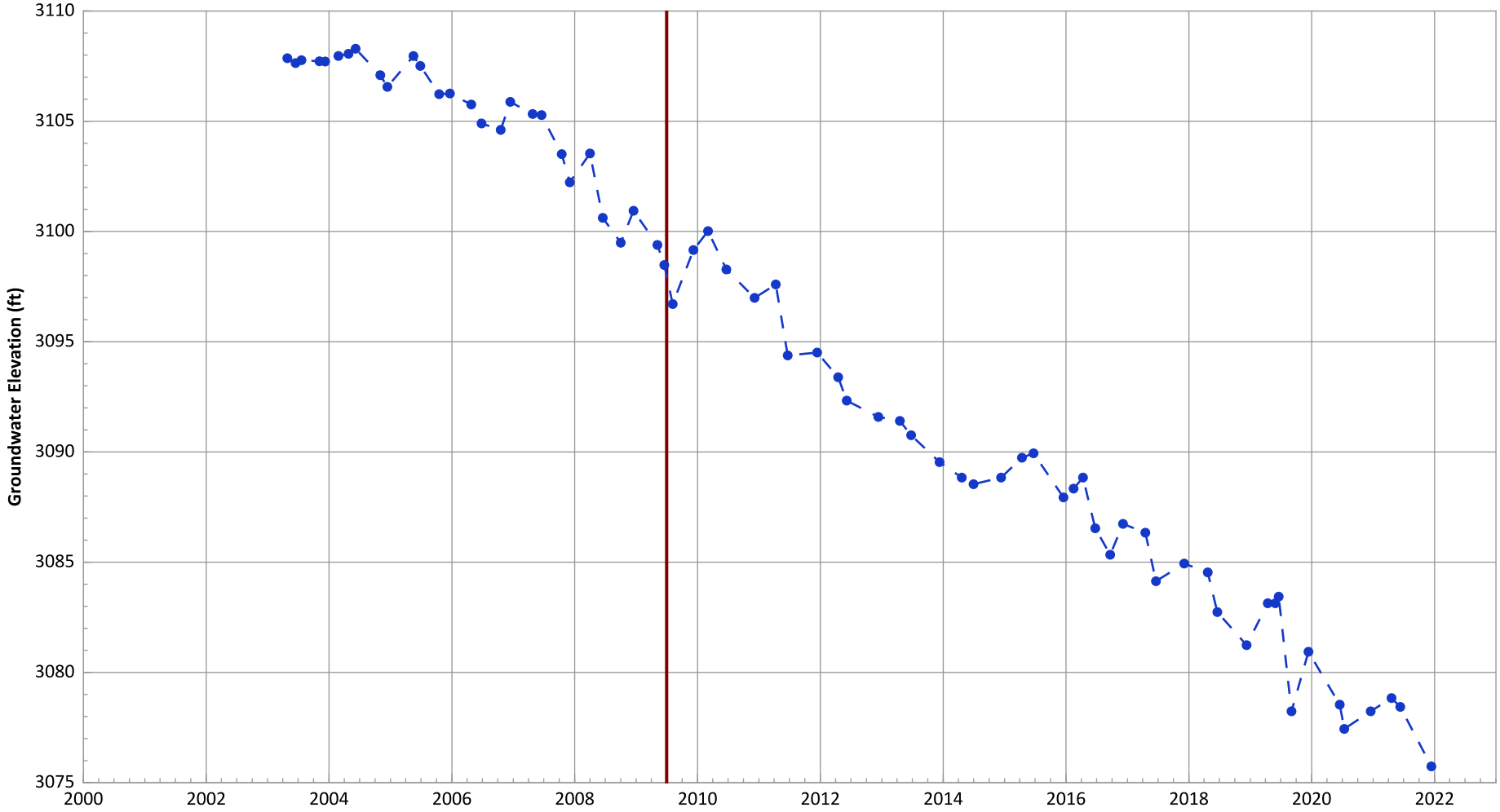
Analysis Date: 04/27/2022

Groundwater Elevation
Start of Remedial Action

Well Location

Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.34 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.18 ft/yr

PTX06-1061 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

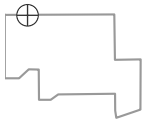


Notes:
1. Top of screen elevation is 3124.65 ft msl.
2. The bottom of screen elevation is 2729.65 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

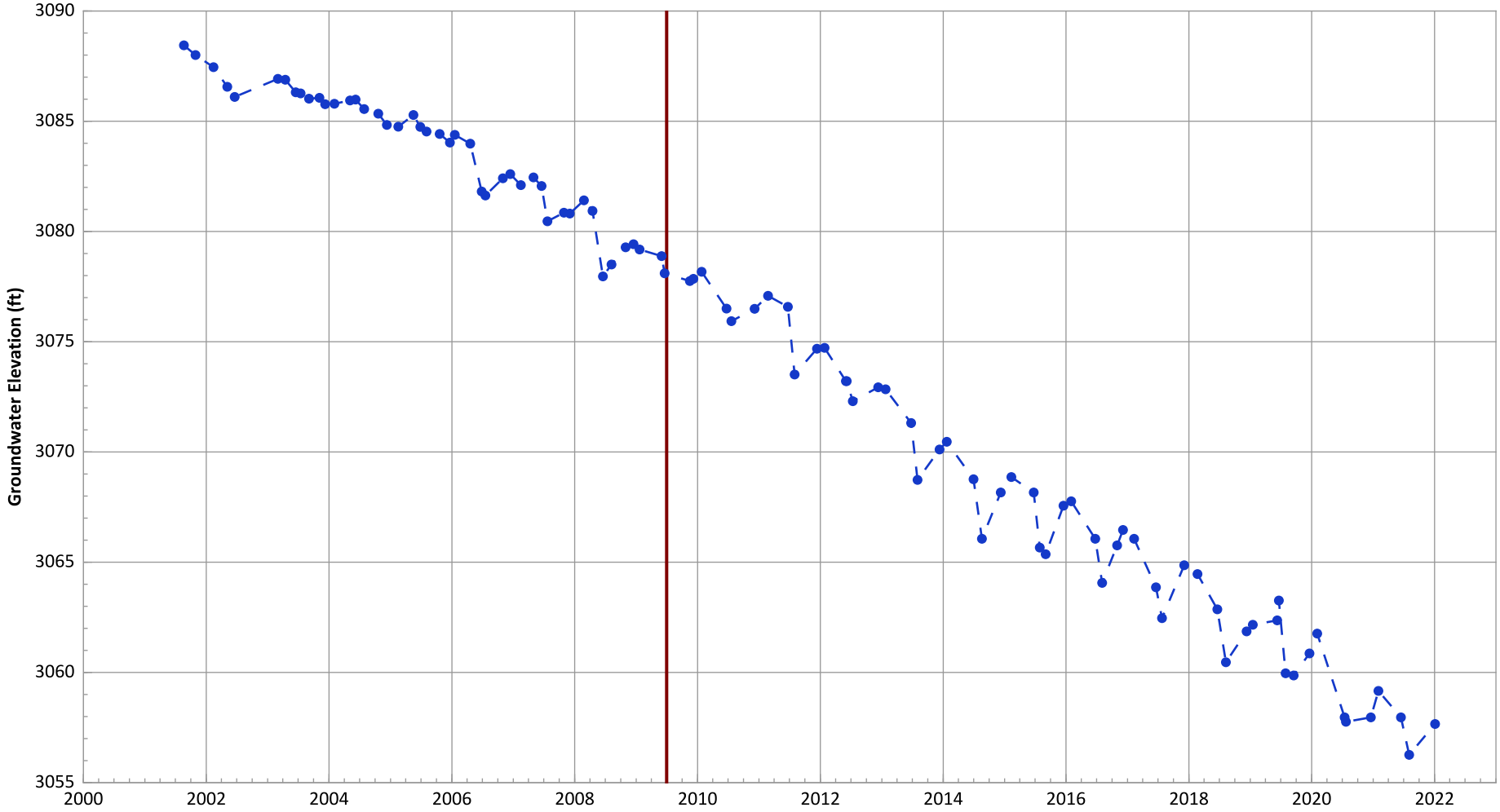
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.01 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.76 ft/yr

PTX06-1062A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

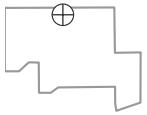


Notes:
1. Top of screen elevation is 3103.89 ft msl.
2. The bottom of screen elevation is 2683.89 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

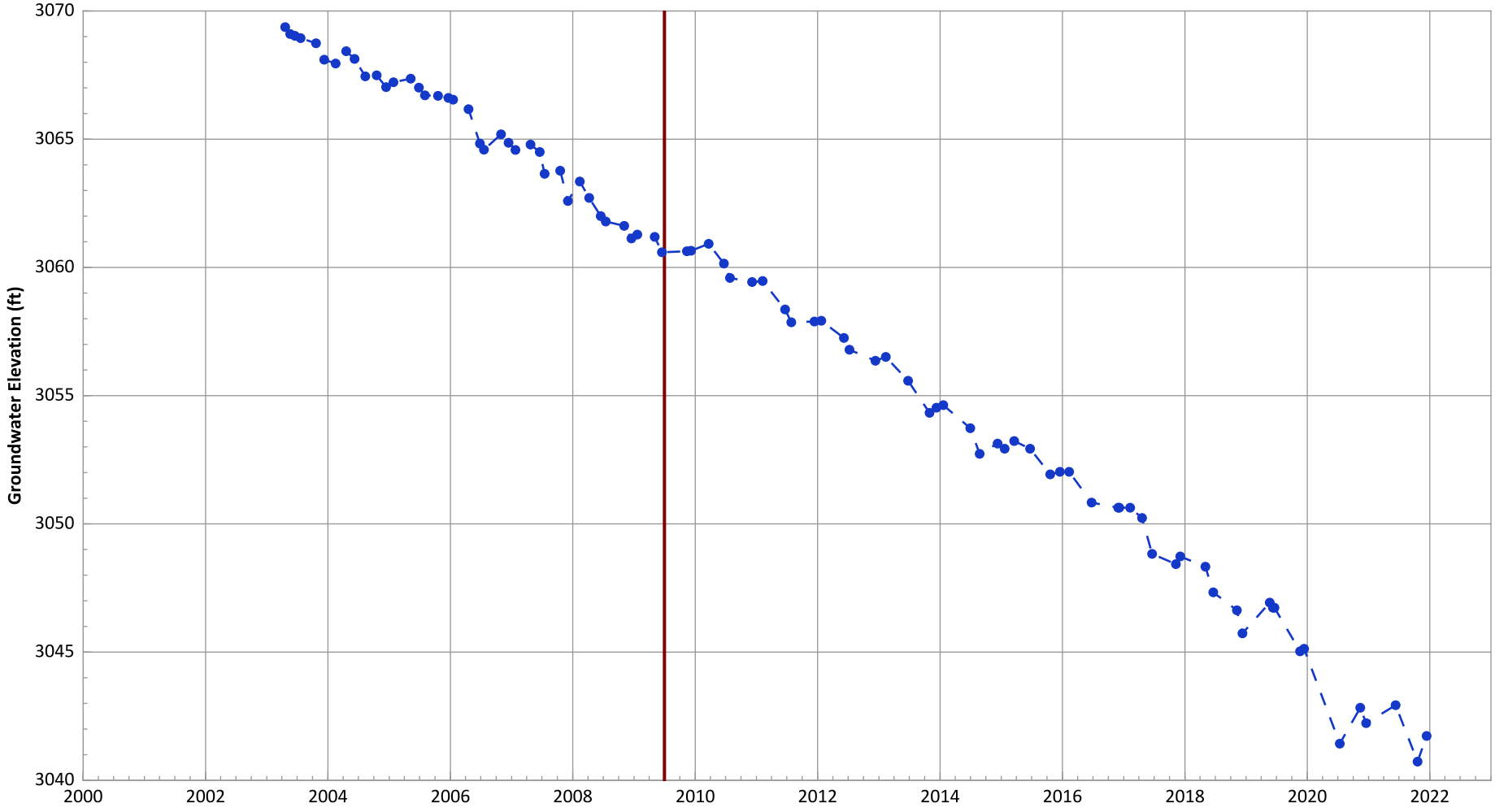
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.66 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.74 ft/yr

PTX06-1064 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

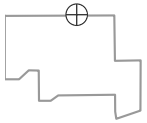


Notes:
1. Top of screen elevation is 3121.99 ft msl.
2. The bottom of screen elevation is 2771.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

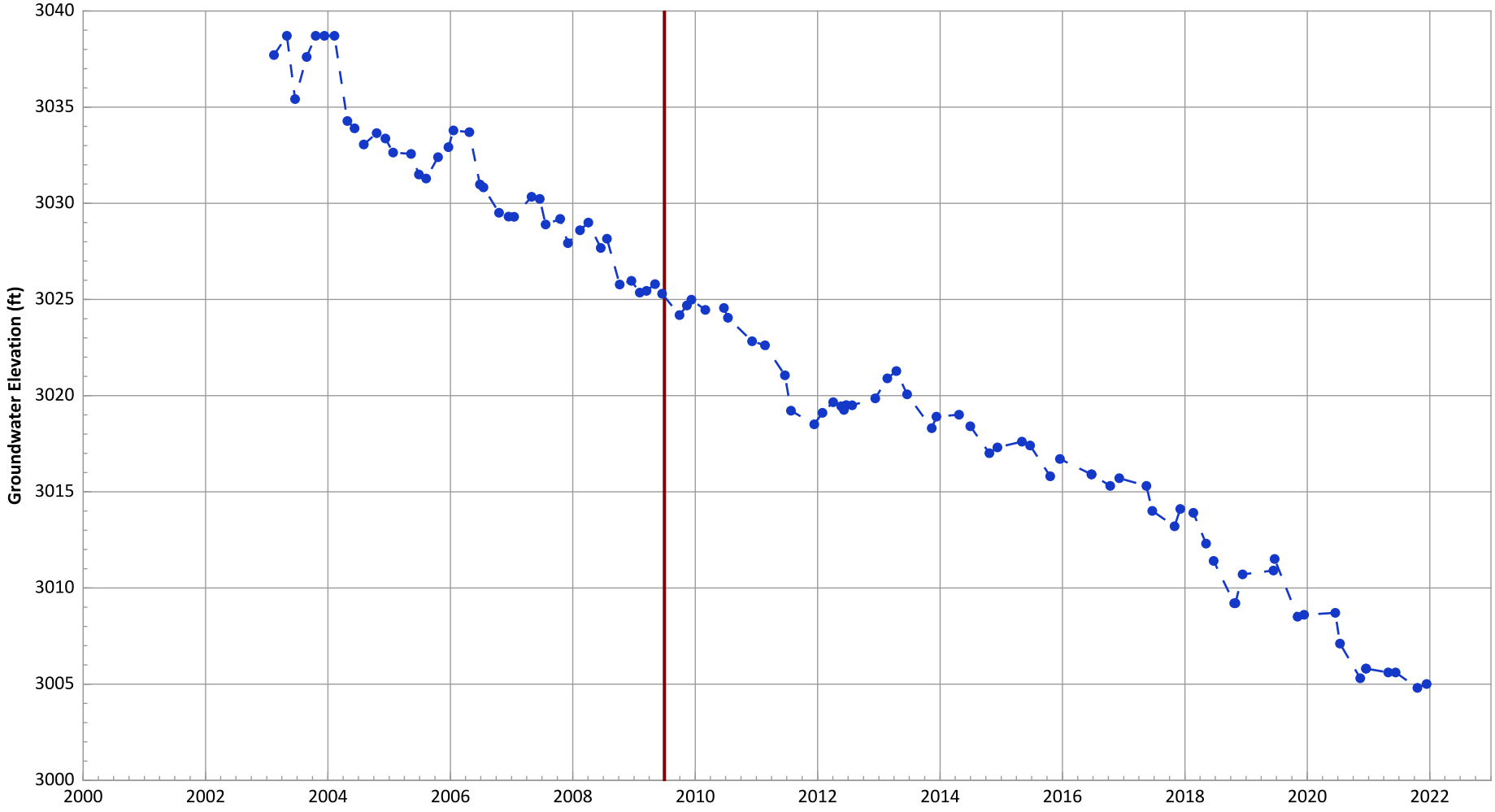
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.43 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.61 ft/yr

PTX06-1068 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

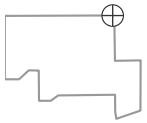


Notes:
1. Top of screen elevation is 3081.55 ft msl.
2. The bottom of screen elevation is 2736.55 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

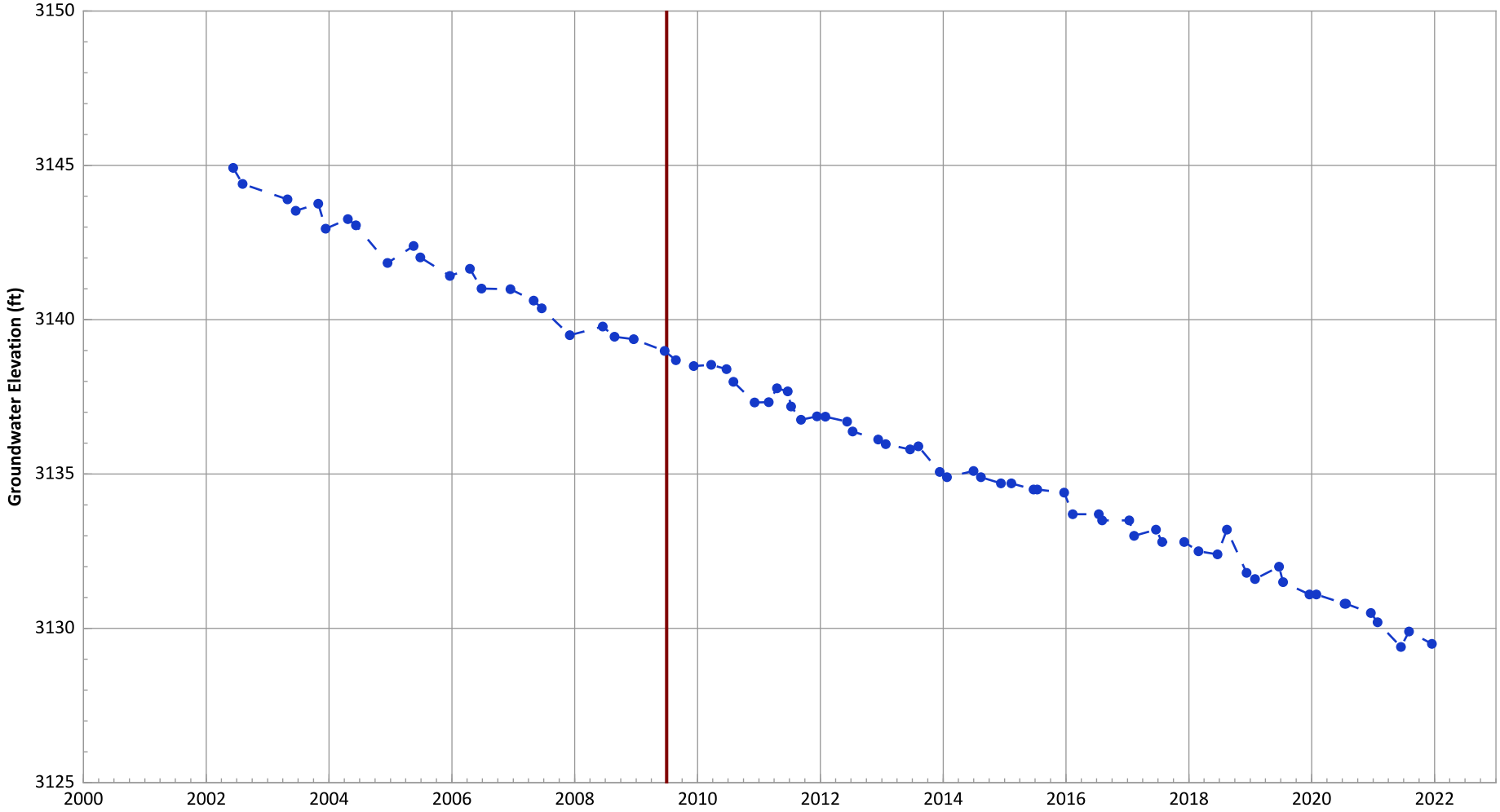
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.84 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.55 ft/yr

PTX06-1072 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

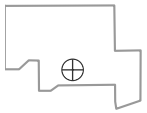


Notes:
1. Top of screen elevation is 3146.3 ft msl.
2. The bottom of screen elevation is 3006.3 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

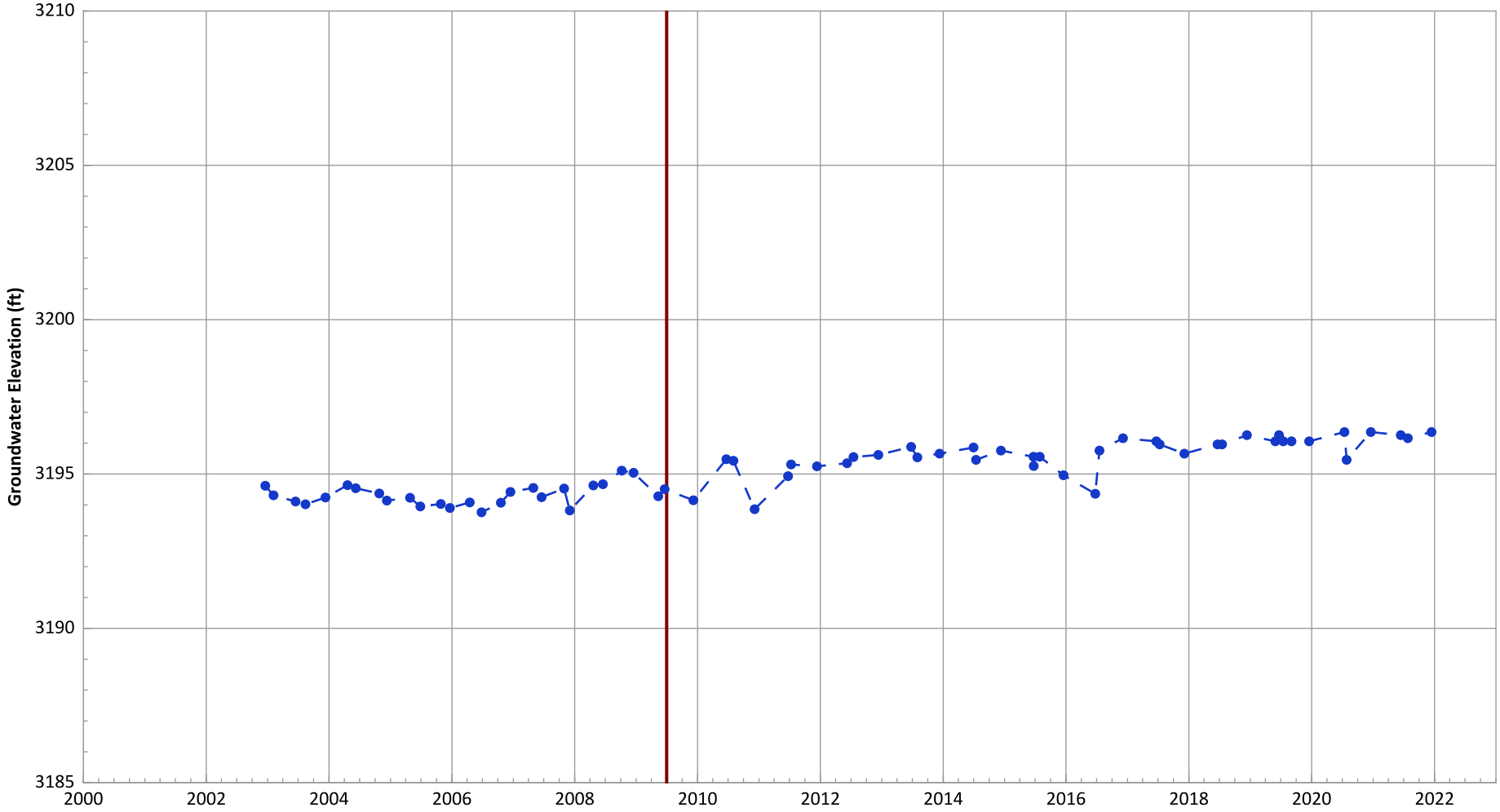
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.96 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.72 ft/yr

PTX06-1075 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

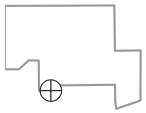


Notes:
1. Top of screen elevation is 3193.11 ft msl.
2. The bottom of screen elevation is 3133.11 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

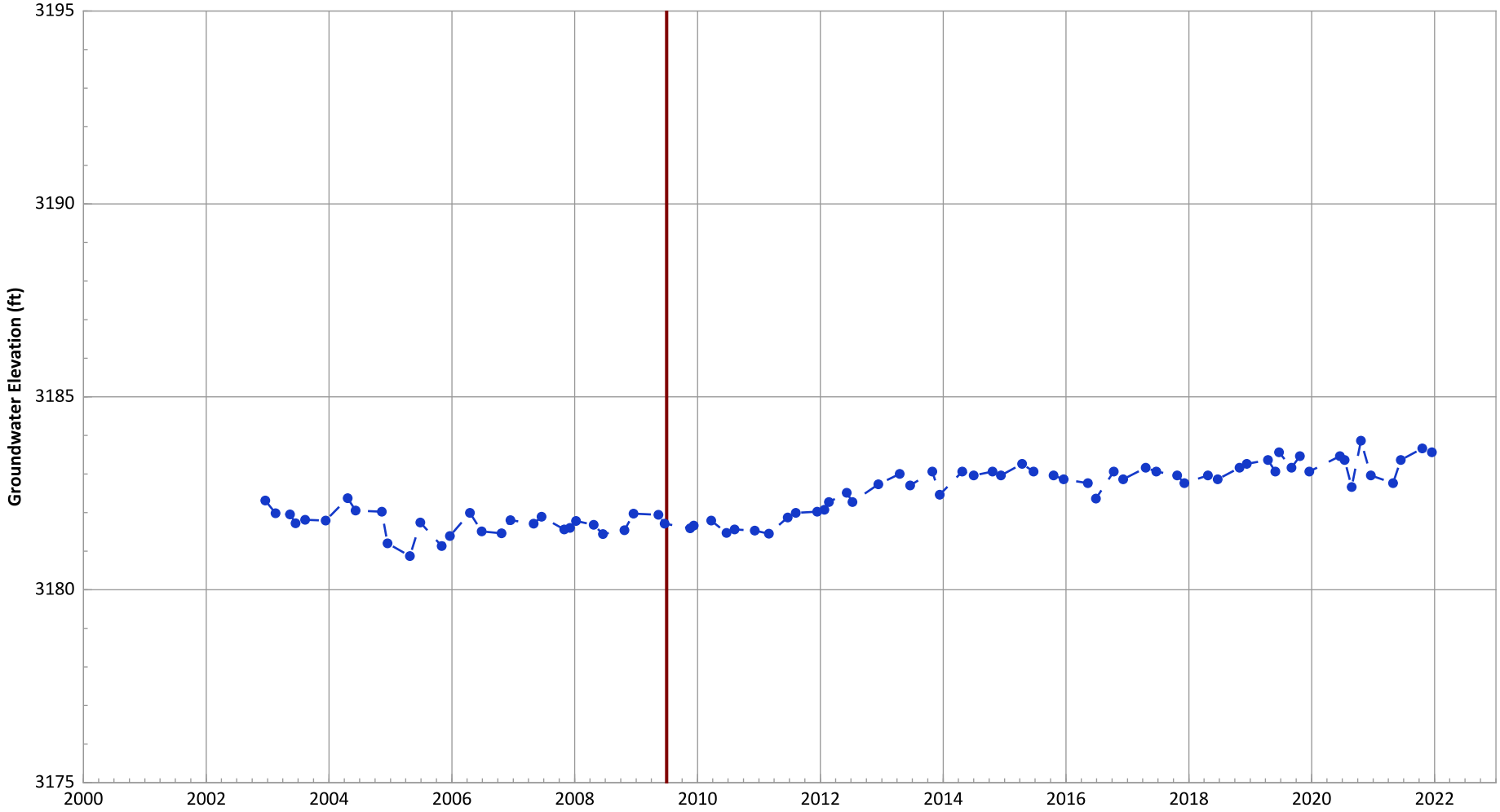
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.26 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.11 ft/yr

PTX06-1076 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

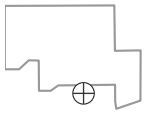


Notes:
1. Top of screen elevation is 3187.64 ft msl.
2. The bottom of screen elevation is 3167.64 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

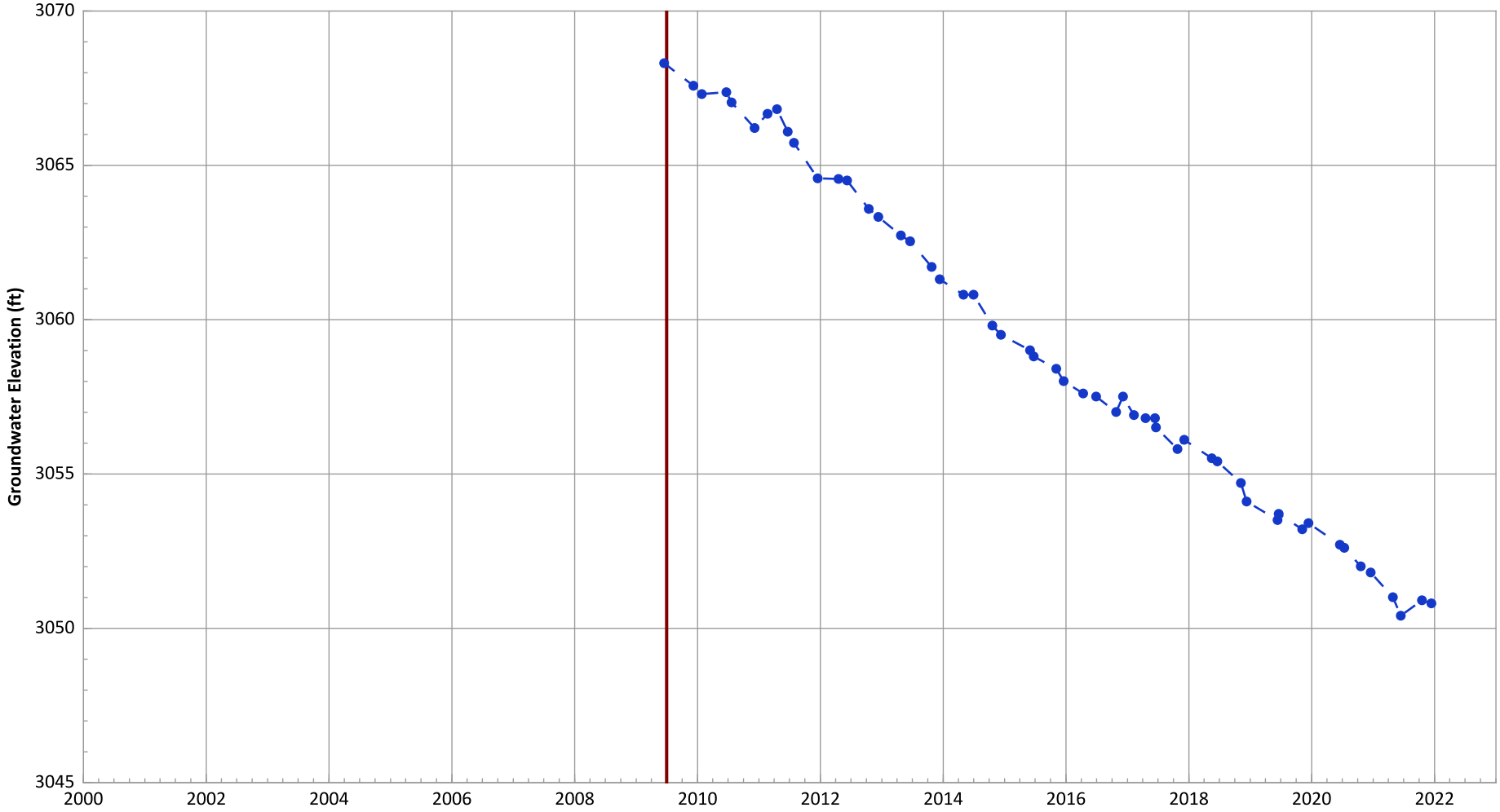
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Increasing at 0.17 ft/yr
Data (7/2009 - 1/2022): Increasing at 0.14 ft/yr

PTX06-1137A Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

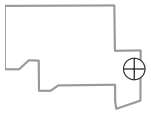


Notes:
1. Top of screen elevation is 3107.5 ft msl.
2. The bottom of screen elevation is 2952.5 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

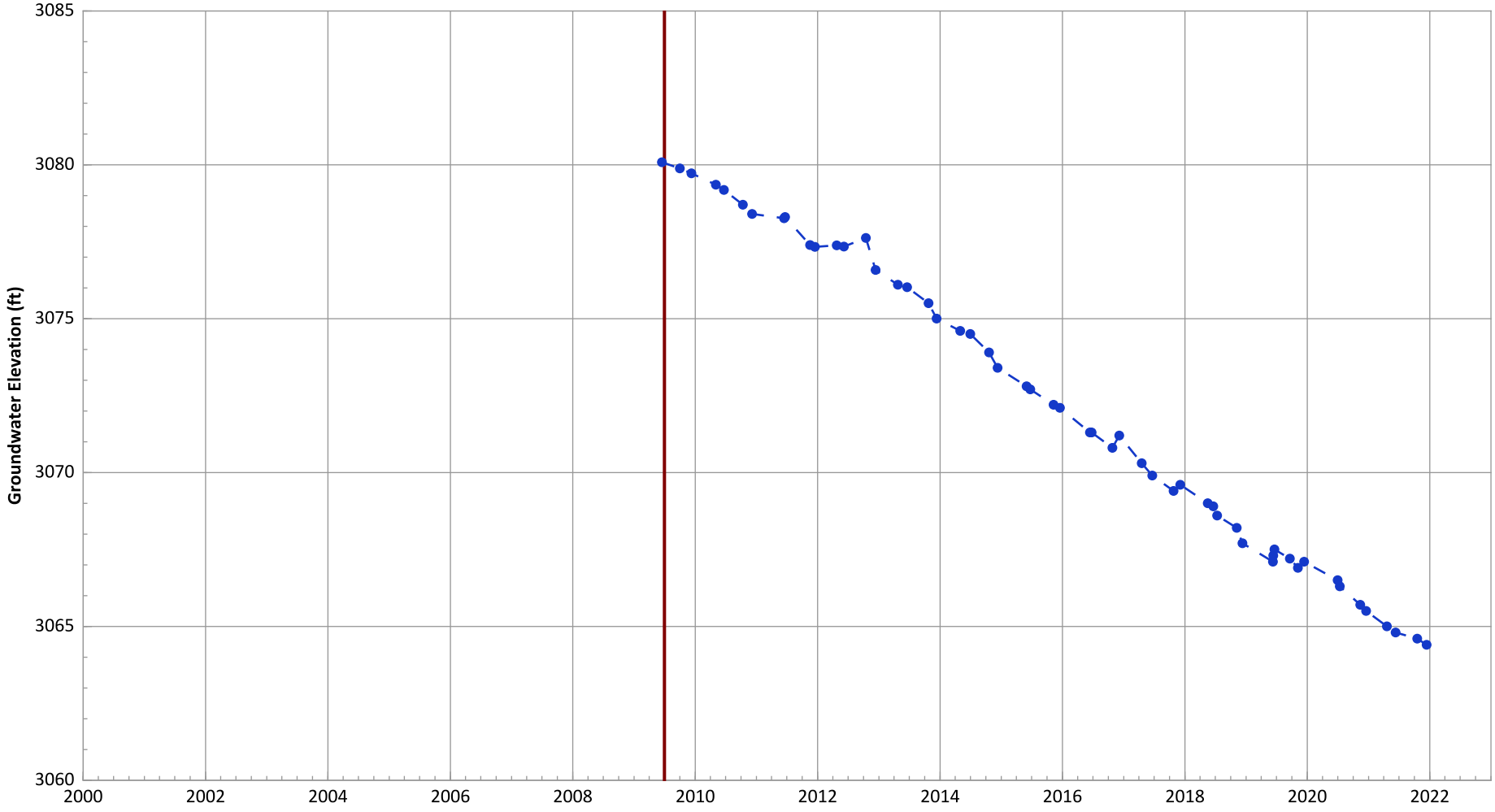
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.42 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.47 ft/yr

PTX06-1138 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

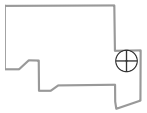


Notes:
1. Top of screen elevation is 3094.47 ft msl.
2. The bottom of screen elevation is 2949.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

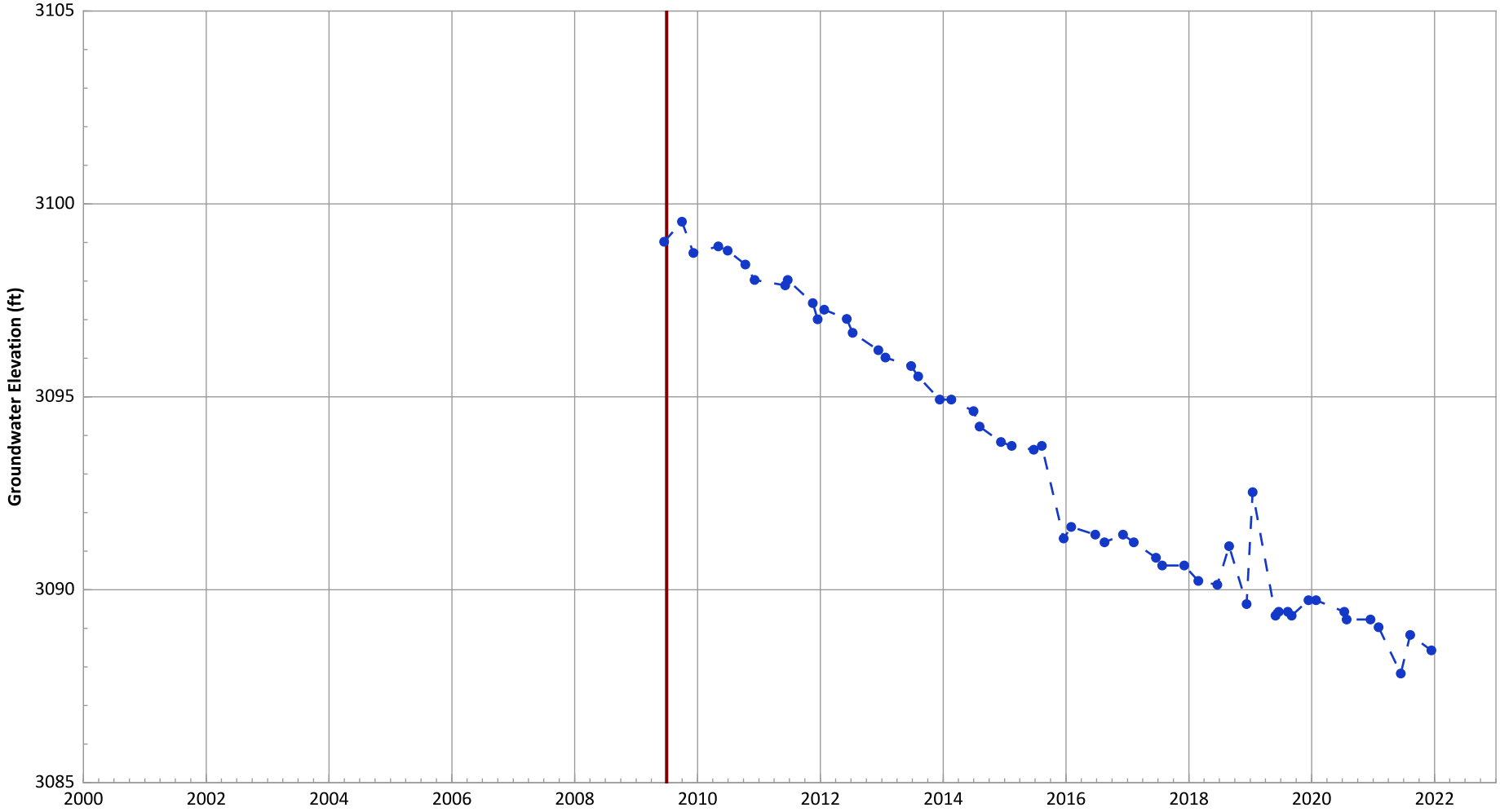
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.4 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.33 ft/yr

PTX06-1139 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

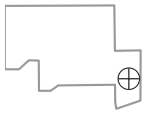


Notes:
1. Top of screen elevation is 3129.41 ft msl.
2. The bottom of screen elevation is 2979.41 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

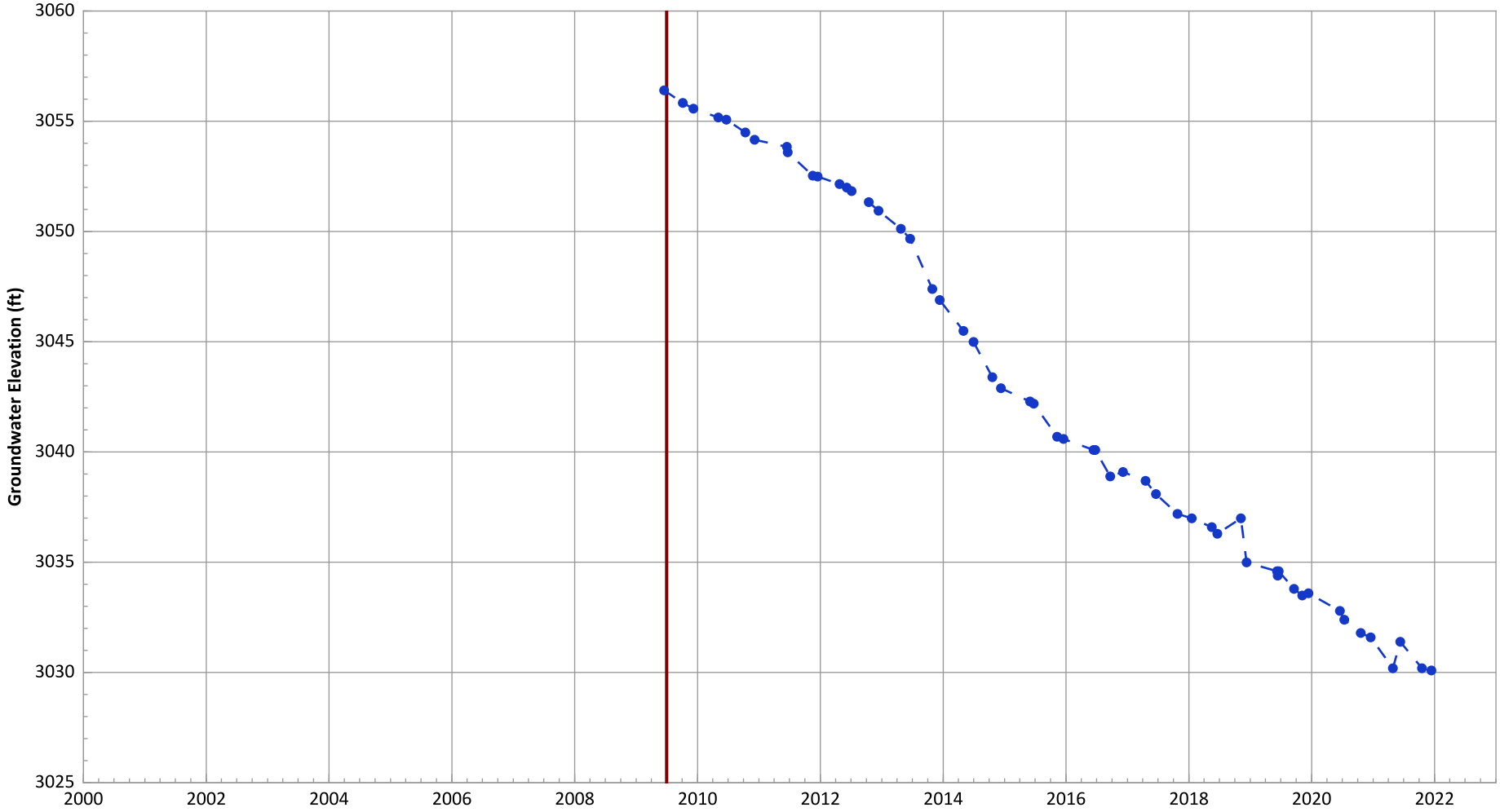
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.78 ft/yr
Data (7/2009 - 1/2022): Decreasing at 0.95 ft/yr

PTX06-1140 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

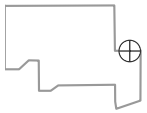


Notes:
1. Top of screen elevation is 3067.33 ft msl.
2. The bottom of screen elevation is 2847.33 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

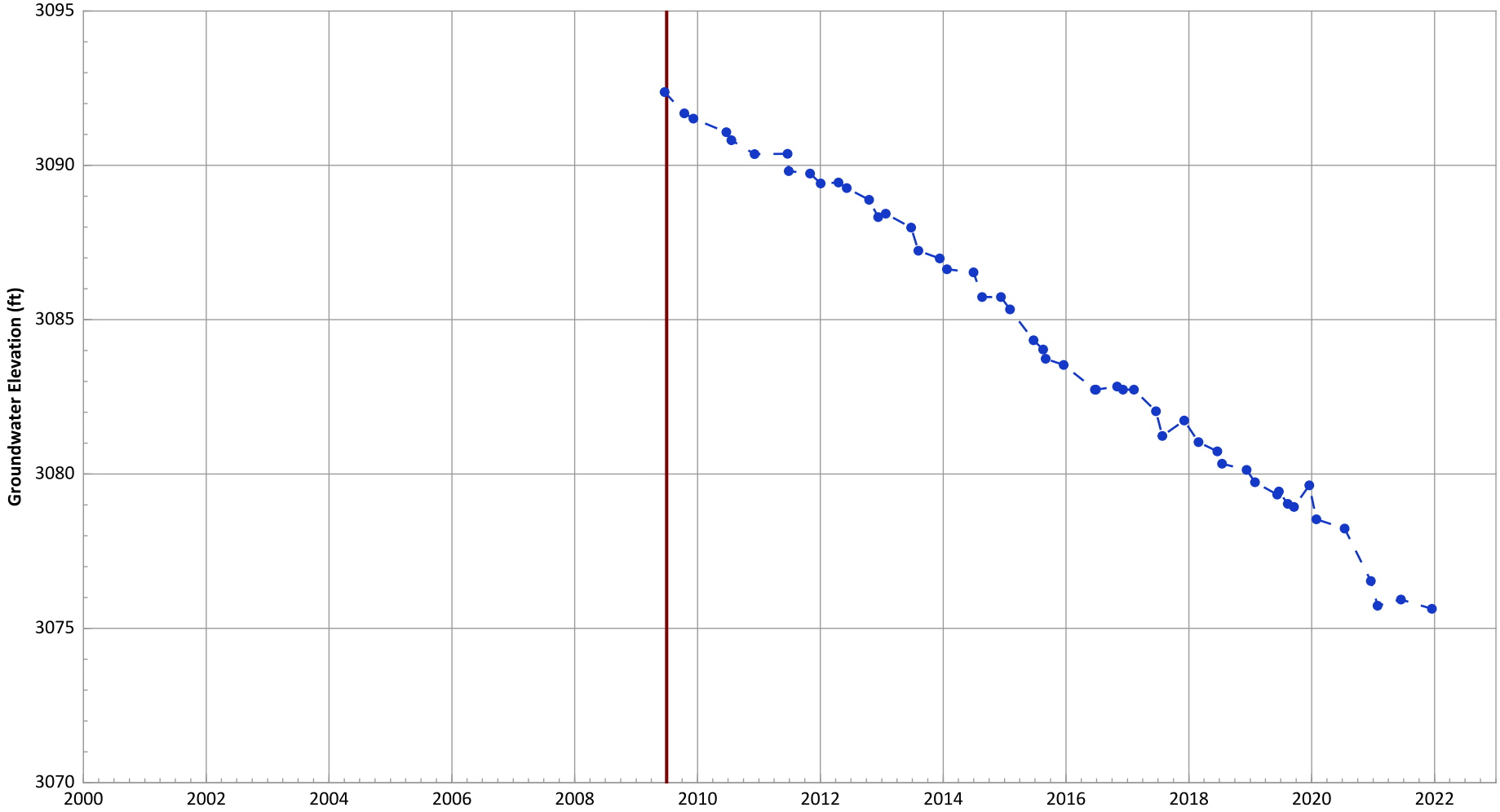
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.73 ft/yr
Data (7/2009 - 1/2022): Decreasing at 2.3 ft/yr

PTX06-1141 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

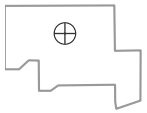


Notes:
1. Top of screen elevation is 3095.57 ft msl.
2. The bottom of screen elevation is 2885.57 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

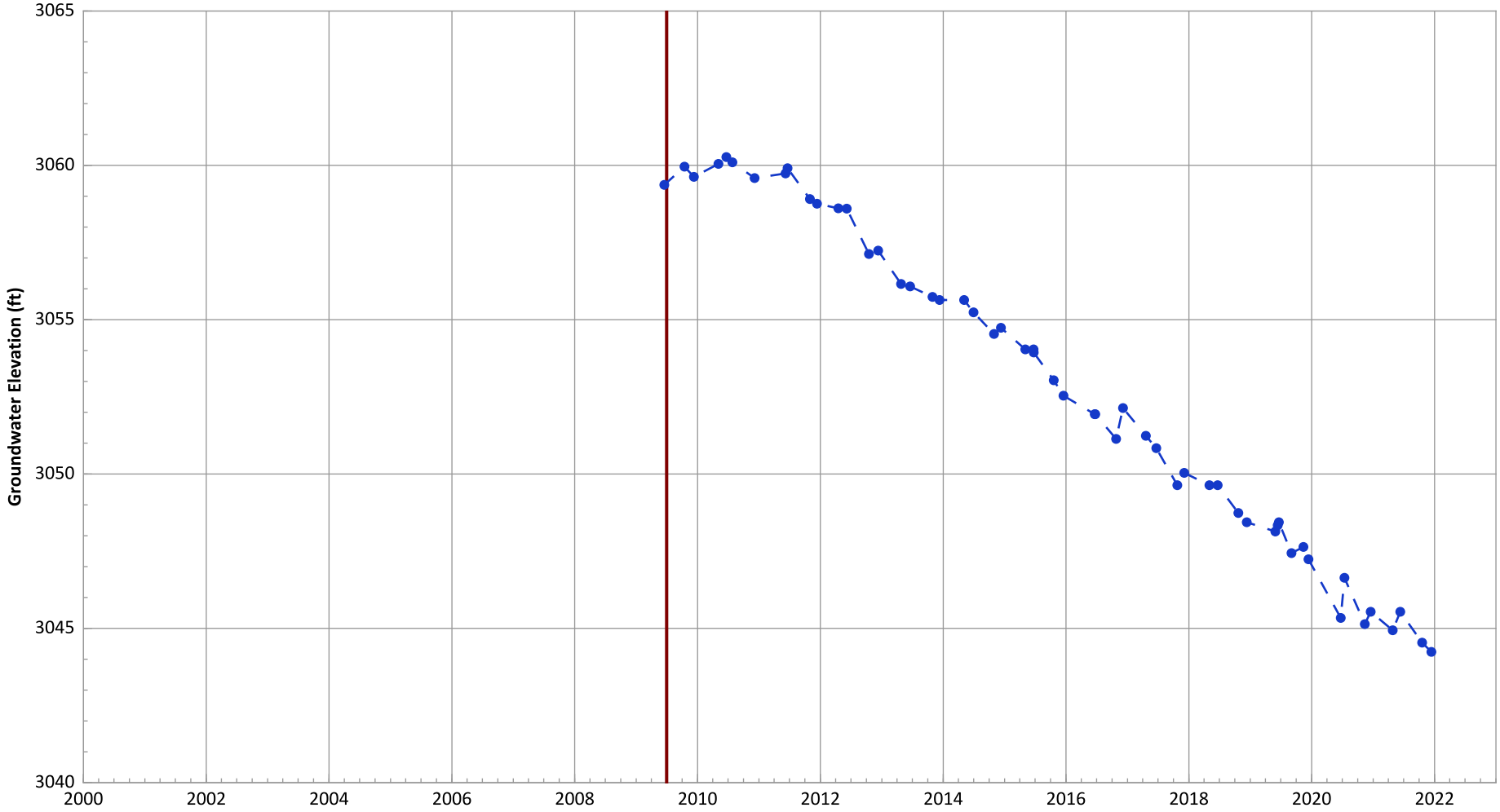
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.75 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.36 ft/yr

PTX06-1143 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

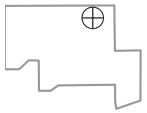


Notes:
1. Top of screen elevation is 3065.99 ft msl.
2. The bottom of screen elevation is 2765.99 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

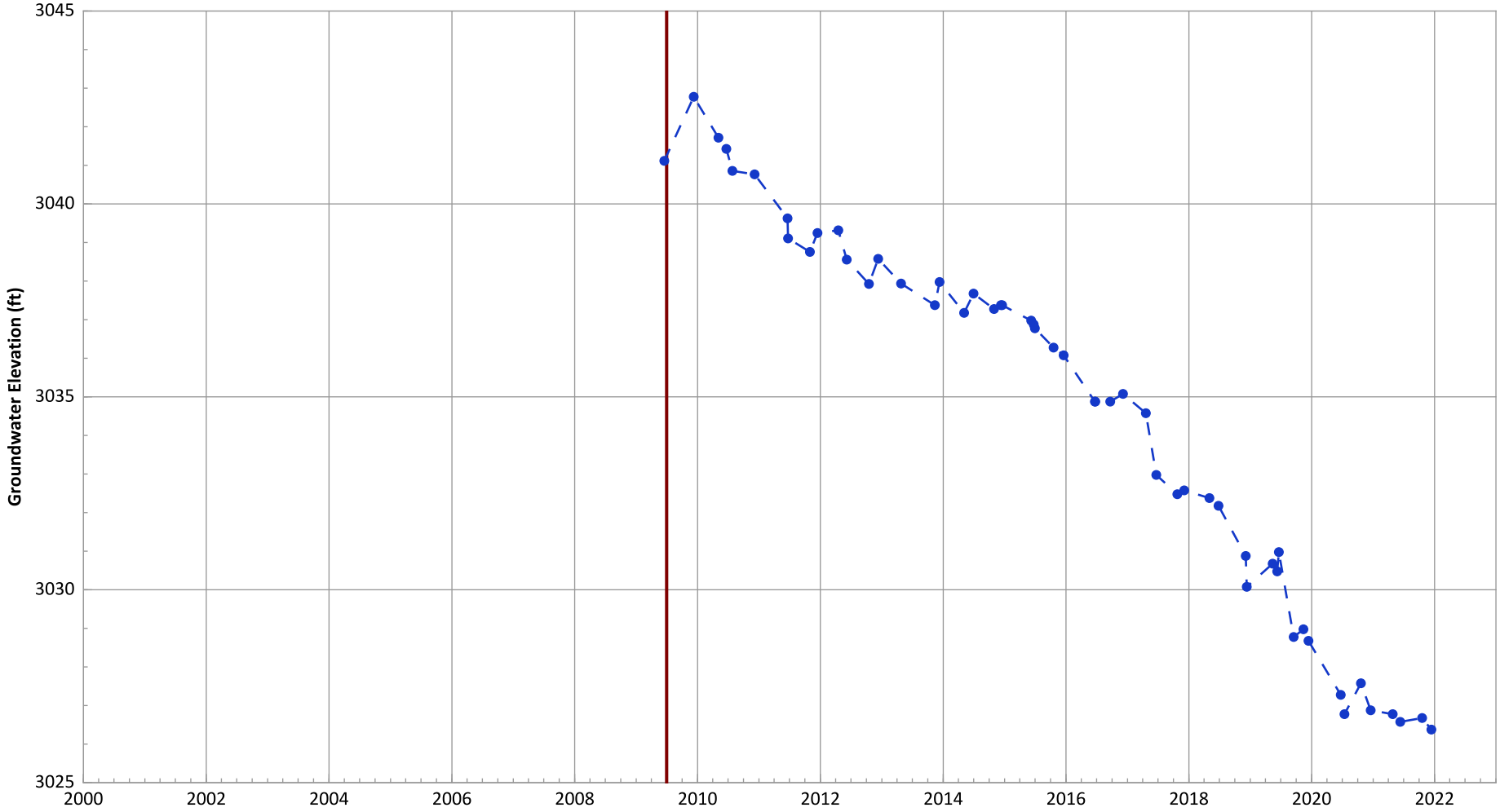
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.02 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.39 ft/yr

PTX06-1144 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

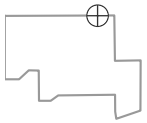


Notes:
1. Top of screen elevation is 3041.34 ft msl.
2. The bottom of screen elevation is 2726.34 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

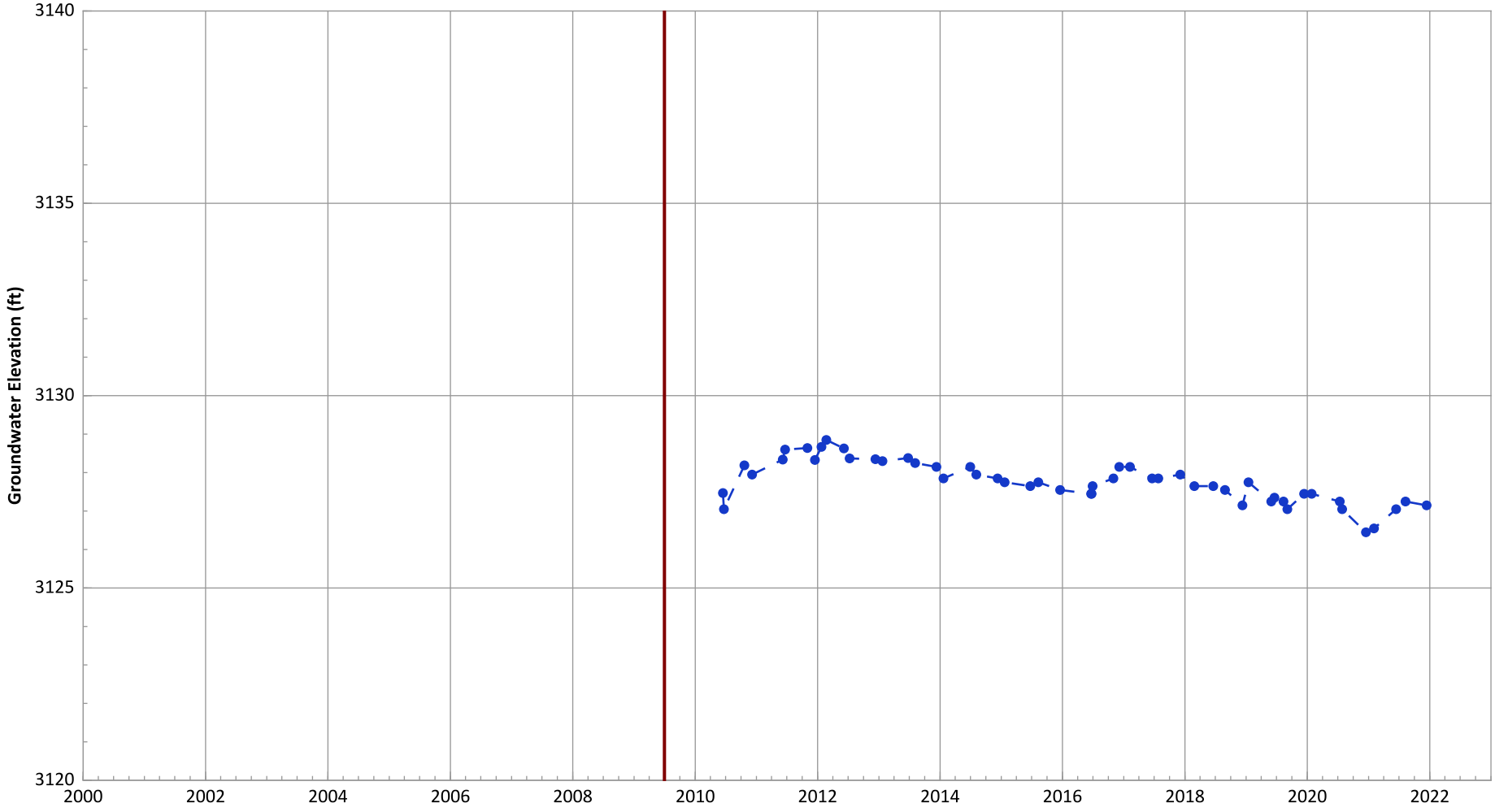
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 0.5 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.32 ft/yr

PTX06-1157 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

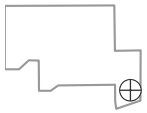


Notes:
1. Top of screen elevation is 3143.59 ft msl.
2. The bottom of screen elevation is 2998.59 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

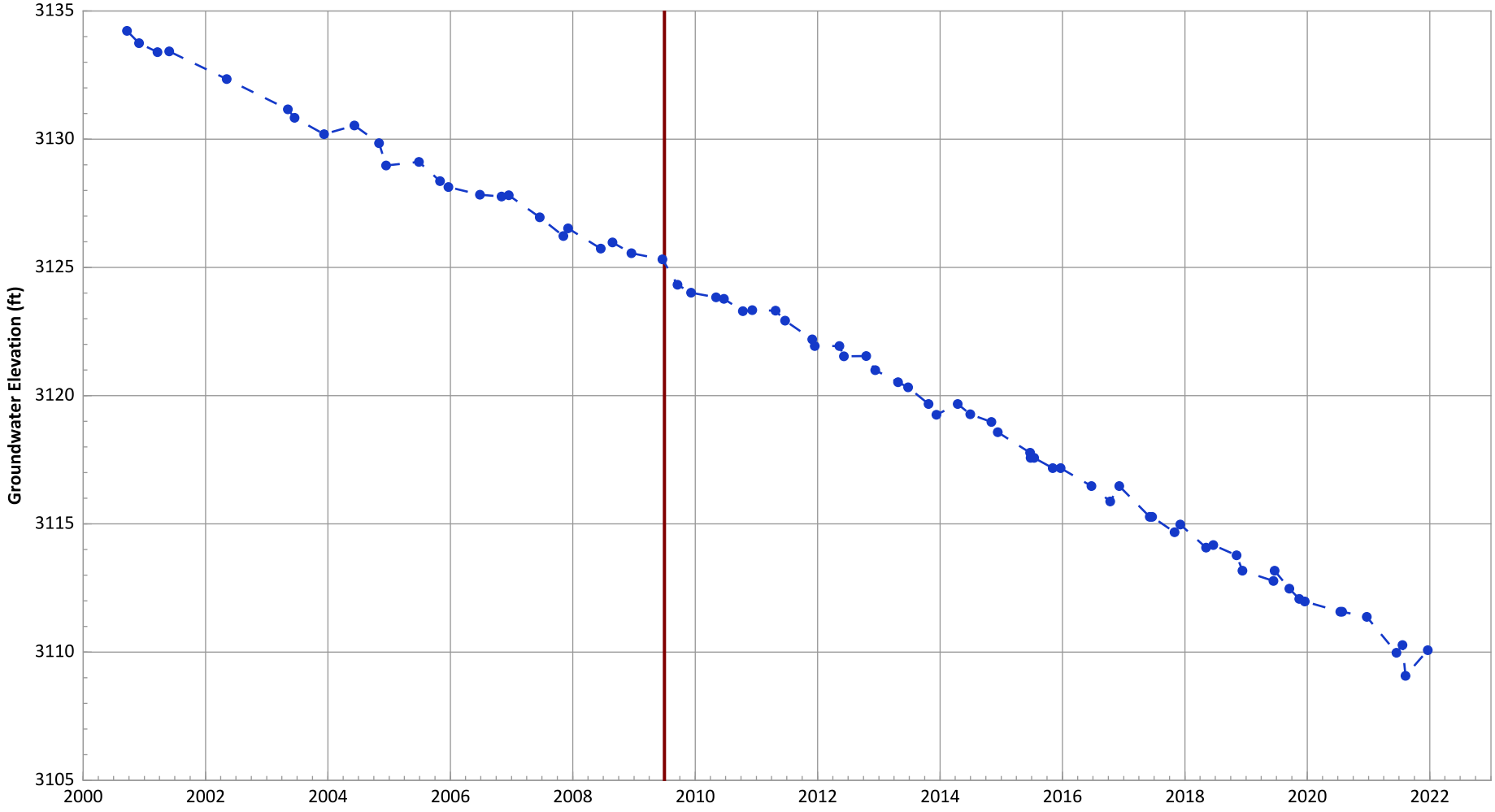
Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: No Trend
Data (7/2009 - 1/2022): Decreasing at 0.12 ft/yr

PTX07-1R01 Hydrograph in Ogallala Aquifer
USDOE/NNSA Pantex Plant

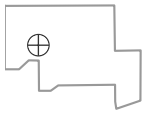


Notes:
1. Top of screen elevation is 3164.47 ft msl.
2. The bottom of screen elevation is 2974.47 ft msl.
3. A continous hydrograph was produced by linear interpolation between successive discrete measurements. Actual groundwater elevations between measurements may be different than shown.

Analysis Date: 04/27/2022

Groundwater Elevation
Start of Remedial Action

Well Location



Hydrograph Trend
(MAROS Linear Regression Method)
2020 - 2022 Data: Decreasing at 1.49 ft/yr
Data (7/2009 - 1/2022): Decreasing at 1.24 ft/yr

Perched Aquifer Expected Conditions Evaluation and Analyte Concentration Trends

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Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	Indicator List Monitoring Frequency	RDX	Perc	TCE	CR-6
Zone 11	1114-MW4	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	N/A	Probably Increasing	No Trend	N/A
North	OW-WR-38	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	Increasing	N/A
Burning Ground	PTX01-1001	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	N/A	Decreasing	Decreasing	N/A
Burning Ground	PTX01-1008	UM	Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	ND	ND	N/A
Miscellaneous	PTX04-1002	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	Decreasing	NT	Decreasing	N/A
Southeast	PTX06-1002A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	No Trend	Decreasing
Southeast	PTX06-1005	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	Increasing	Decreasing
Zone 11	PTX06-1006	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Increasing	Increasing	NT
Zone 11	PTX06-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Increasing	Decreasing	Decreasing	N/A
Southeast, Zone 11	PTX06-1008	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	ND	Decreasing	Decreasing	Decreasing
Southeast	PTX06-1010	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	NT	Increasing	Decreasing
Southeast, Zone 11	PTX06-1011	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	No Trend	Decreasing	No Trend	Increasing
Zone 11	PTX06-1012	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	ND	Decreasing	Decreasing	NT
Southeast	PTX06-1013	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1014	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	N/A	Decreasing
Southeast	PTX06-1015	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1023	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1030	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1031	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Increasing	NT	Decreasing	Increasing
Southeast	PTX06-1034	RAE	Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Increasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1035	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1036	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	WL	NT	NT	NT	NT

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	Indicator List Monitoring Frequency	RDX	Perc	TCE	CR-6
Southeast	PTX06-1037	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1038	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1039A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1040	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1041	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	No Trend	NT	ND	Decreasing
Southeast	PTX06-1042	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	ND	Decreasing
Southeast	PTX06-1045	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Annual	Decreasing	NT	N/A	Decreasing
Southeast	PTX06-1046	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Decreasing
Southeast	PTX06-1047A	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Decreasing
North	PTX06-1048A	PS, RAE	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	N/A	NT	Probably Increasing	NT
Miscellaneous	PTX06-1049	PS, UM	Compare to GWPS	Below background/PQL and GWPS	Annual	Increasing	NT	Decreasing	NT
North	PTX06-1050	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	No Trend	NT	ND	NT
Southeast	PTX06-1052	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	Probably Increasing	Decreasing
Southeast, Zone 11	PTX06-1053	PS, UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Decreasing	N/A	ND	Decreasing
Southeast	PTX06-1069	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	N/A	NT	ND	N/A
Miscellaneous	PTX06-1071	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	N/A	NT	N/A	N/A
Zone 11	PTX06-1073A	UM	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Zone 11	PTX06-1077A	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Decreasing	Decreasing	Decreasing	N/A
Miscellaneous	PTX06-1082	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	N/A	NT	N/A	N/A
Miscellaneous	PTX06-1083	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	N/A	NT	N/A	N/A
Miscellaneous	PTX06-1085	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	ND	NT	ND	N/A
Miscellaneous	PTX06-1086	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	ND	NT	ND	N/A
Southeast	PTX06-1088	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	Decreasing	Decreasing

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	Indicator List Monitoring Frequency	RDX	Perc	TCE	CR-6
Southeast	PTX06-1095A	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	Decreasing	NT	No Trend	Increasing
Southeast	PTX06-1098	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	N/A	NT	Increasing	Decreasing
Southeast	PTX06-1101	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Increasing	NT	Increasing	Decreasing
Southeast	PTX06-1102	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Southeast	PTX06-1103	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Southeast	PTX06-1120	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1121	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	WL	NT	NT	NT	NT
Southeast	PTX06-1123	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	NT	NT	NT	NT
Zone 11	PTX06-1126	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	Decreasing	Decreasing	Probably Increasing
Zone 11	PTX06-1127	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	Decreasing	Increasing	Decreasing
Southeast	PTX06-1130	RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	NT	NT	NT	NT
Miscellaneous	PTX06-1131	UM	Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	NT	ND	N/A
Southeast	PTX06-1133A	PS	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	N/A	NT	ND	Decreasing
Zone 11	PTX06-1134	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	Increasing	Increasing	NT
Southeast	PTX06-1135	PS	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
North	PTX06-1136	PS	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
Southeast	PTX06-1146	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	ND	Increasing
Southeast	PTX06-1147	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1148	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	Decreasing	Decreasing	Increasing	NT
Zone 11	PTX06-1149	PS	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	ND	Decreasing	Increasing	NT
Zone 11	PTX06-1150	PS, RAE	Trend/Compare to GWPS	Below GWPS in 5 -10 years	Semi-Annual	N/A	Decreasing	Increasing	NT
Zone 11	PTX06-1151	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Decreasing	Decreasing	NT
Southeast	PTX06-1153	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Increasing	NT	Decreasing	Decreasing

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Southeast	PTX06-1154	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Zone 11	PTX06-1155	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	N/A	Decreasing	Decreasing	NT
Zone 11	PTX06-1156	RAE	Trend/Compare to GWPS	Below GWPS in 2–5 years	Semi-Annual	ND	Decreasing	Decreasing	NT
Southeast	PTX06-1158	PS	Water Level, Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
Zone 11	PTX06-1159	PS, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Increasing	Decreasing	NT
Zone 11	PTX06-1160	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	Decreasing	Decreasing	NT
Southeast	PTX06-1166	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	NT	Decreasing	Increasing
Southeast	PTX06-1167	RAE	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
Zone 11	PTX06-1171	PS	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Increasing	Decreasing	No Trend	NT
Zone 11	PTX06-1173	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	ND	N/A	No Trend	NT
Zone 11	PTX06-1174	RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	N/A	N/A	Decreasing	NT
Zone 11	PTX06-1175	RAE	Trend/Compare to GWPS	Below GWPS in 2- 5 years	Semi-Annual	Increasing	Decreasing	Decreasing	NT
Zone 11	PTX06-1180	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Decreasing	No Trend	NT
Southeast	PTX06-1182	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	N/A	Decreasing
Southeast	PTX06-1183	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	NT	No Trend	Decreasing
Southeast	PTX06-1185	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	NT	Decreasing	Decreasing
Southeast	PTX06-1190	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	Decreasing	Increasing
Southeast Extension	PTX06-1191	PS,RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	Probably Increasing	NT	Decreasing	NT
Southeast	PTX06-1192	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	N/A	NT	ND	No Trend
Southeast Extension	PTX06-1194	PS,RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	N/A	NT	ND	NT
Southeast	PTX06-1195	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Annual	N/A	NT	ND	No Trend
Southeast Extension	PTX06-1196	PS, RAE	Trend/Compare to GWPS	Below GWPS in 2 – 5 years	Semi-Annual	Increasing	NT	Increasing	NT
Southeast Extension	PTX06-1197	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	No Trend	No Trend

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	Well ID	LTM Objectives	Progress Report Metrics	COC Expected Condition - LTM Design	Indicator List Monitoring Frequency	RDX	Perc	TCE	CR-6
Southeast Extension	PTX06-1199	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	Decreasing	Increasing
Southeast Extension	PTX06-1200	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	ND	NT	ND	No Trend
Southeast Extension	PTX06-1201	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	ND	No Trend
Southeast Extension	PTX06-1202	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Probably Increasing	NT	ND	Increasing
Southeast Extension	PTX06-1203	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Increasing	NT	Decreasing	Decreasing
Southeast Extension	PTX06-1204	PS	Trend/Compare to GWPS	Below background/PQL and GWPS	Semi-Annual	Probably Increasing	NT	ND	No Trend
Zone 11	PTX06-1207	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	N/A	N/A	NT
Southeast	PTX06-1208	PS	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	N/A	NT	N/A	N/A
North	PTX07-1O01	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	WL	NT	NT	NT	NT
North	PTX07-1O02	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Annual	NT	NT	NT	NT
North	PTX07-1O03	PS, UM, RAE	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Increasing	NT	Increasing	N/A
Zone 11	PTX07-1P02	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Increasing	N/A	ND	N/A
Zone 11	PTX07-1P05	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	WL	NT	NT	NT	NT
Miscellaneous	PTX07-1Q01	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	N/A	NT	ND	N/A
Miscellaneous	PTX07-1Q02	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	ND	NT	ND	N/A
Miscellaneous	PTX07-1R03	UM	Compare to GWPS	Below background/PQL and GWPS	5 Yrs	N/A	NT	N/A	N/A
Zone 11	PTX08-1001	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	No Trend	Decreasing	ND	N/A
Southeast	PTX08-1002	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	NT	ND	Decreasing
Zone 11	PTX08-1003	PS	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	Annual	Probably Increasing	Decreasing	Decreasing	NT
Zone 11	PTX08-1005	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Decreasing	Decreasing	Decreasing
Zone 11	PTX08-1006	UM	Trend/Compare to GWPS	Long-term decreasing trend	Semi-Annual	Decreasing	Decreasing	Increasing	N/A
Southeast, Zone 11	PTX08-1007	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Decreasing	Increasing	Decreasing	Decreasing
Southeast, Zone 11	PTX08-1008	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Semi-Annual	N/A	Increasing	Increasing	Decreasing

Perched Groundwater COC Trends Vs Expected Conditions
Trends Since Start of Remedial Action (2009)

						Trend Since Start of Remedial Action			
Indicator Area	**Well ID**	**LTM Objectives**	**Progress Report Metrics**	**COC Expected Condition - LTM Design**	**Indicator List Monitoring Frequency**	**RDX**	**Perc**	**TCE**	**CR-6**
Southeast	PTX08-1009	UM, RAE	Water Level, Trend/Compare to GWPS	Long-term stabilization of concentrations	Annual	Decreasing	Decreasing	N/A	No Trend
Miscellaneous	PTX08-1010	UM	Trend/Compare to GWPS	Stable or decreasing trend below GWPS	5 Yrs	N/A	NT	N/A	N/A
Southeast, Zone 11	PTX10-1014	UM	Trend/Compare to GWPS	Long-term decreasing trend	Annual	Stable	No Trend	Decreasing	Decreasing

Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
1114-MW4	636151.93	3757809.40	RDX	3/19/1996	8/24/2021	3	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	HMX	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	TNT	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT24	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT26	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT2A	3/19/1996	8/24/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNT4A	3/19/1996	8/24/2021	25	16	No	0.574644222	0.00	0.903075284	Probably Decreasing	4	0	No	0.129514845	0.00	0.788891092	No Trend	21	2	No	0.365429343	0.00	0.81949194	No Trend	8	0	No	0.137033223	0.00	0.983421451	Increasing
1114-MW4	636151.93	3757809.40	TNB135	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DNB13	3/19/1996	8/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DIOXANE14	5/13/2003	8/24/2021	19	10	No	1.090705402	0.00	0.99736186	Decreasing	4	0	No	0.10609985	0.00	0.831376311	Stable	17	6	No	0.29132009	0.00	0.967257732	Decreasing	8	0	No	0.311813537	0.00	0.98453312	Decreasing
1114-MW4	636151.93	3757809.40	PCE	3/19/1996	8/24/2021	37	6	No	0.244961001	0.00	1	Decreasing	4	0	No	0.087585105	0.00	0.974281437	Decreasing	23	0	No	0.276482096	0.00	0.73359428	Stable	8	0	No	0.284741533	0.00	0.932001377	Probably Increasing
1114-MW4	636151.93	3757809.40	TCE	3/19/1996	8/24/2021	44	0	No	0.537318731	0.00	1	Increasing	4	0	No	0.102049994	0.00	0.801156276	No Trend	23	0	No	0.300474846	0.00	0.866310924	No Trend	8	0	No	0.334711812	0.00	0.993651142	Increasing
1114-MW4	636151.93	3757809.40	DCE12C	3/19/1996	8/24/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
1114-MW4	636151.93	3757809.40	DCA12	3/19/1996	8/24/2021	29	13	No	0.384240302	0.00	0.99990352	Decreasing	4	0	No	0.105588371	0.00	0.958768417	Decreasing	23	0	No	0.369317063	0.00	0.961813304	Decreasing	8	0	No	0.220548883	0.00	0.653474424	No Trend
1114-MW4	636151.93	3757809.40	TCLME	3/19/1996	8/24/2021	32	10	No	0.316086851	0.00	0.674461836	No Trend	4	0	No	0.2391452	0.00	0.887168424	No Trend	22	1	No	0.362621462	0.00	0.953083062	Increasing	8	0	No	0.341409751	0.00	0.998610132	Increasing
1114-MW4	636151.93	3757809.40	PERC	4/22/2002	8/24/2021	31	0	No	0.58780457	0.00	0.998882387	Decreasing	4	0	No	0.194257038	0.00	0.93889075	Probably Decreasing	23	0	No	0.229689197	0.00	0.756688862	No Trend	8	0	No	0.30137487	0.00	0.999092068	Decreasing
1114-MW4	636151.93	3757809.40	B	3/19/1996	8/24/2021	36	2	No	0.107367854	0.00	1	Decreasing	4	0	No	0.037785336	0.00	0.861223685	Stable	23	0	No	0.107348795	0.00	0.998739225	Increasing	8	0	No	0.096056351	0.00	0.987757728	Increasing
1114-MW4	636151.93	3757809.40	CR	3/19/1996	8/24/2021	16	4	No	1.208920812	0.00	0.999785096	Increasing	4	0	No	0.844687903	0.01	0.910589962	Probably Increasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	CR-6	3/19/1996	8/24/2021	7	13	No	0.693873871	0.00	0.99297011	Decreasing	4	0	No	1.113933786	0.00	0.85099921	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	NI	3/19/1996	8/24/2021	11	9	No	1.547707546	0.00	0.986507838	Increasing	4	0	No	1.193712593	0.00	0.730251845	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	AS	3/19/1996	8/24/2021	11	7	No	0.528496591	0.00	0.673224273	No Trend	4	0	No	0.538308886	0.00	0.649197107	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	BA	3/19/1996	8/24/2021	26	0	No	0.16214927	0.00	0.999999983	Increasing	4	0	No	0.117011114	0.00	0.978130135	Decreasing	9	0	No	0.091940019	0.00	1	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
1114-MW4	636151.93	3757809.40	V	3/19/1996	8/24/2021	20	0	No	0.067111669	0.00	0.996559348	Decreasing	4	0	No	0.049306368	0.00	0.597073001	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	RDX	1/16/1992	5/10/2021	23	3	No	1.66818132	0.00	0.923088738	Probably Increasing	4	0	No	0.887436569	0.00	0.861713432	No Trend	13	0	No	1.633024912	0.00	0.999624837	Increasing	5	0	No	1.047057513	0.00	0.99352567	Increasing
OW-WR-38	640649.01	3765214.16	HMX	1/16/1992	5/10/2021	20	6	No	0.624818714	0.00	0.687822726	No Trend	4	0	No	0.615989202	0.00	0.947893656	Probably Increasing	13	0	No	0.726583108	0.00	0.962309196	Increasing	5	0	No	0.709122019	0.00	0.997549011	Increasing
OW-WR-38	640649.01	3765214.16	TNT	1/16/1992	5/10/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT24	11/15/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT26	11/15/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNT2A	11/15/1995	5/10/2021	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	DNT4A	11/15/1995	5/10/2021	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	TNB135	11/15/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DNB13	11/15/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DIOXANE14	8/10/2011	5/10/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
OW-WR-38	640649.01	3765214.16	PCE	4/12/1993	5/10/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	TCE	11/15/1995	5/10/2021	7	16	No	0.194730014	0.00	0.956679582	Increasing	4	0	No	0.186189867	0.00	0.873704798	No Trend	7	6	No	0.194730014	0.00	0.956679582	Increasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	DCE12C	3/20/1996	5/10/2021	0	21	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	DCA12	11/15/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	TCLME	4/12/1993	5/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
OW-WR-38	640649.01	3765214.16	B	4/12/1993	5/10/2021	35	0	No	0.267421976	0.00	1	Decreasing	4	0	No	0.390461961	0.00	0.75457949	No Trend	13	0	No	0.401144839	0.00	0.990924077	Increasing	5	0	No	0.414681078	0.00	0.983003943	Increasing
OW-WR-38	640649.01	3765214.16	CR	1/16/1992	5/10/2021	26	1	No	1.391721581	0.00	0.683285689	No Trend	4	0	No	1.290311157	0.00	0.868651432	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
OW-WR-38	640649.01	3765214.16	CR-6	3/20/1996	5/10/2021	3	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	NI	4/12/1993	5/10/2021	25	0	No	0.603264746	0.00	0.999997674	Decreasing	4	0	No	1.561005477	0.00	0.893404894	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	AS	1/16/1992	5/10/2021	5	22	No	0.383260254	0.00	1	Decreasing	4	0	No	0.415592525	0.00	0.739638348	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	BA	1/16/1992	5/10/2021	32	0	No	0.188202332	0.00	0.99991982	Increasing	4	0	No	0.237424372	0.00	0.936275807	Probably Increasing	8	0	No	0.262747255	0.00	0.939328139	Probably Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
OW-WR-38	640649.01	3765214.16	V	4/12/1993	5/10/2021	21	4	No	0.316339932	0.00	0.952235318	Increasing	4	0	No	0.070737464	0.00	0.985052332	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	RDX	11/15/1995	10/25/2021	1	71	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	HMX	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TNT	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT24	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT26	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT2A	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNT4A	11/15/1995	10/25/2021	4	65	No	0.309840494	0.00	0.625181795	Stable	4	0	No	0.309840494	0.00	0.625181795	Stable	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TNB135	11/15/1995	10/25/2021	0	72	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DNB13	11/15/1995	10/25/2021	0	68	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DIOXANE14	7/31/2001	10/25/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1001	630592.95	3769641.90	PCE	11/15/1995	10/25/2021	0	68	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TCE	11/15/1995	10/25/2021	36	37	No	1.258709615	0.00	1	Decreasing	4	0	No	0.178416663	0.00	0.862219685	Stable	15	8	No	0.370057806	0.00	0.992027711	Decreasing	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	DCE12C	11/15/1995	10/25/2021	0	69	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	DCA12	11/15/1995	10/25/2021	0	68	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	TCLME	11/15/1995	10/25/2021	5	62	No	0.14552428	0.00	0.977982003	Decreasing	4	0	No	0.163365571	0.00	0.980496765	Decreasing	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX01-1001	630592.95	3769641.90	PERC	8/19/1999	10/25/2021	28	26	No	1.508389751	0.00	0.999995713	Decreasing	4	0	No	1.376433579	-0.02	0.993684068	Decreasing	7	16	No	1.213829446	0.00	0.999613705	Decreasing	4	4	Yes	1.376433579	0.00	0.954055703	Decreasing
PTX01-1001	630592.95	3769641.90	B	11/15/1995	10/25/2021	61	7	No	0.230945189	0.00	0.810961795	No Trend	4	0	No	0.081466055	0.00	0.985150237	Increasing	23	0	No	0.09201279	0.00	1	Increasing	8	0	No	0.090647569	0.00	0.996825161	Increasing
PTX01-1001	630592.95	3769641.90	CR	11/15/1995	10/25/2021	41	10	No	2.325008618	0.00	0.999944453	Increasing	4	0	No	1.502468802	-0.01	0.960253223	Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1001	630592.95	3769641.90	CR-6	4/21/1996	10/25/2021	11	36	No	0.756715129	0.00	0.999629991	Decreasing	4	0	No	0.096850705	0.00	0.864098801	Stable	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	NI	11/15/1995	10/25/2021	28	21	No	1.095493276	0.00	0.881650689	No Trend	4	0	No	0.624014081	-0.01	0.924216956	Probably Decreasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	AS	11/15/1995	10/25/2021	22	26	No	0.374045109	0.00	1	Decreasing	4	0	No	0.257760796	0.00	0.865177046	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	BA	11/15/1995	10/25/2021	56	0	No	0.219928587	0.00	0.999996858	Increasing	4	0	No	0.273986078	0.00	0.949654243	Probably Increasing	9	0	No	0.206833759	0.00	0.978394103	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1001	630592.95	3769641.90	V	11/15/1995	10/25/2021	41	0	No	0.200615602	0.00	0.99222944	Increasing	4	0	No	0.305621226	0.00	0.898242679	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	RDX	8/25/1998	7/21/2021	20	11	No	0.437080395	0.00	0.82514414	Stable	4	0	No	0.249497487	0.00	0.644277918	No Trend	11	0	No	0.467888275	0.00	0.649336335	Stable	4	0	No	0.249497487	0.00	0.537130977	Stable
PTX04-1002	641818.01	3772165.27	HMX	8/25/1998	7/21/2021	25	6	No	0.411123899	0.00	0.999999937	Increasing	4	0	No	0.165217303	0.00	0.783788501	Stable	11	0	No	0.128706039	0.00	1	Increasing	4	0	No	0.165217303	0.00	0.749636463	Stable
PTX04-1002	641818.01	3772165.27	TNT	8/25/1998	7/21/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DNT24	8/25/1998	7/21/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DNT26	8/25/1998	7/21/2021	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DNT2A	8/25/1998	7/21/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DNT4A	8/25/1998	7/21/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	TNB135	8/25/1998	7/21/2021	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DNB13	8/25/1998	7/21/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DIOXANE14	8/1/2005	7/21/2021	6	2	No	0.412698766	0.00	0.609951686	No Trend	4	0	No	0.51643783	0.00	0.933291799	Probably Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	PCE	8/25/1998	7/21/2021	2	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	TCE	8/25/1998	7/21/2021	28	5	No	0.567145955	0.00	0.999987994	Decreasing	4	0	No	0.051193035	0.00	0.706778994	No Trend	11	0	No	0.221940989	0.00	0.981786013	Decreasing	4	0	No	0.051193035	0.00	0.729712825	No Trend
PTX04-1002	641818.01	3772165.27	DCE12C	1/26/2000	7/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	DCA12	8/25/1998	7/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	TCLME	8/25/1998	7/21/2021	5	23	No	0.484766214	0.00	0.56025503	Stable	4	0	No	0.209877704	0.00	0.76630884	No Trend	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX04-1002	641818.01	3772165.27	B	8/25/1998	7/21/2021	34	0	No	0.115460299	0.00	0.999633414	Increasing	4	0	No	0.12427019	0.00	0.544941206	Stable	11	0	No	0.101019317	0.00	0.898211543	No Trend	4	0	No	0.12427019	0.00	0.655080252	Stable
PTX04-1002	641818.01	3772165.27	CR	8/25/1998	7/21/2021	27	1	No	0.680681509	0.00	0.999999918	Decreasing	4	0	No	0.313530746	0.00	0.686297013	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	CR-6	8/25/1998	7/21/2021	25	3	No	0.652705067	0.00	0.999999892	Decreasing	4	0	No	0.311767049	0.00	0.748924119	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	MN	8/25/1998	7/21/2021	24	6	No	1.398684293	0.00	0.950288507	Decreasing	4	0	No	0.375167574	0.00	0.885099758	Stable	5	1	No	0.445777375	0.00	0.671263928	Stable	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	NI	8/25/1998	7/21/2021	23	3	No	0.372990917	0.00	0.592491039	Stable	4	0	No	0.310358546	0.00	0.826767694	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	AL	8/25/1998	7/21/2021	22	9	No	1.56410244	0.00	0.952692109	Decreasing	4	0	No	0.695800159	0.00	0.872464192	No Trend	3	3	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX04-1002	641818.01	3772165.27	AS	8/25/1998	7/21/2021	5	21	No	0.501372612	0.00	0.848832769	No Trend	4	0	No	0.229325349	0.00	0.725269822	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	BA	8/25/1998	7/21/2021	32	0	No	0.313148118	0.00	0.999999998	Decreasing	4	0	No	0.031914237	0.00	0.805583121	Stable	7	0	No	0.02902384	0.00	0.943994476	Probably Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	CA	8/25/1998	7/21/2021	19	0	No	0.098762396	0.00	0.999999905	Decreasing	4	0	No	0.038336934	0.00	0.721198949	Stable	6	0	No	0.048256634	0.00	0.86606897	Stable	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	FE	8/25/1998	7/21/2021	25	3	No	0.999975193	0.00	0.991689458	Increasing	4	0	No	0.219998562	0.00	0.65922781	No Trend	4	2	No	0.219998562	0.00	0.536573214	Stable	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX04-1002	641818.01	3772165.27	K	8/25/1998	7/21/2021	20	0	No	0.051147649	0.00	0.999344101	Decreasing	4	0	No	0.033908866	0.00	0.818295588	Stable	6	0	No	0.031474994	0.00	0.944423699	Probably Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	MG	8/25/1998	7/21/2021	31	0	No	0.081108474	0.00	0.999993654	Decreasing	4	0	No	0.064050337	0.00	0.926470848	Probably Increasing	6	0	No	0.055780469	0.00	0.899691778	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	NA	8/25/1998	7/21/2021	20	0	No	0.127318482	0.00	0.999999997	Increasing	4	0	No	0.102628454	0.00	0.953524322	Increasing	6	0	No	0.095792965	0.00	0.973652094	Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX04-1002	641818.01	3772165.27	V	8/25/1998	7/21/2021	20	0	No	0.153027648	0.00	0.884043136	No Trend	4	0	No	0.062021256	0.00	0.901971619	Probably Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	RDX	12/4/1995	2/24/2021	39	2	No	0.610375132	0.00	0.919569704	Probably Decreasing	4	0	No	0.192812242	0.00	0.767084675	Stable	23	0	No	0.638364204	0.00	0.845740408	Stable	8	0	No	0.560178904	0.00	0.970403148	Increasing
PTX06-1002A	641161.56	3759984.00	HMX	12/4/1995	2/24/2021	33	8	No	1.021473158	0.00	0.988455412	Decreasing	4	0	No	0.191157296	0.00	1	Increasing	23	0	No	0.654018902	0.00	0.73096806	Stable	8	0	No	0.542611783	0.00	0.976121518	Increasing
PTX06-1002A	641161.56	3759984.00	TNT	12/4/1995	2/24/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT24	12/4/1995	2/24/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT26	12/4/1995	2/24/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNT2A	12/4/1995	2/24/2021	8	32	No	0.373570161	0.00	0.973894734	Decreasing	4	0	No	0.106759108	0.00	0.977765442	Decreasing	6	17	No	0.162515905	0.00	0.954384182	Decreasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	DNT4A	12/4/1995	2/24/2021	22	17	No	0.772776362	0.00	0.99999992	Decreasing	4	0	No	0.114380913	0.00	1	Increasing	13	10	No	0.378577169	0.00	0.908268051	Probably Decreasing	5	3	No	0.129705978	0.00	0.646111637	No Trend
PTX06-1002A	641161.56	3759984.00	TNB135	12/4/1995	2/24/2021	2	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DNB13	12/4/1995	2/24/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DIOXANE14	4/28/2004	2/24/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1002A	641161.56	3759984.00	PCE	12/4/1995	2/24/2021	2	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	TCE	12/4/1995	2/24/2021	14	24	No	1.994040336	0.00	0.812452461	No Trend	4	0	No	0.230470733	0.00	0.534217072	Stable	10	13	No	0.381144155	0.00	0.867155801	No Trend	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	DCE12C	12/4/1995	2/24/2021	0	35	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	DCA12	12/4/1995	2/24/2021	4	32	No	0.151260504	0.00	0.808625752	No Trend	4	0	No	0.151260504	0.00	0.808625752	No Trend	4	19	No	0.151260504	0.00	0.808625752	No Trend	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	TCLME	12/4/1995	2/24/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1002A	641161.56	3759984.00	B	12/4/1995	2/24/2021	40	0	No	0.100375262	0.00	1	Decreasing	4	0	No	0.120209715	0.00	0.832290139	Stable	23	0	No	0.102630378	0.00	0.990905461	Decreasing	8	0	No	0.093523114	0.00	0.929601188	Probably Decreasing
PTX06-1002A	641161.56	3759984.00	CR	12/4/1995	2/24/2021	22	18	No	1.327852527	0.00	0.999507713	Decreasing	4	0	No	0.185582272	0.00	0.802788759	No Trend	7	16	No	0.21098428	0.00	0.874518915	No Trend	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	CR-6	3/12/1996	2/24/2021	15	27	No	1.264475241	0.00	0.89549079	No Trend	4	0	No	0.118557656	0.00	0.711866603	Stable	11	12	No	0.938875904	0.00	0.652075888	Stable	8	0	No	0.820373773	0.00	0.992555245	Increasing
PTX06-1002A	641161.56	3759984.00	MN	12/4/1995	2/24/2021	22	17	No	1.06917968	0.00	0.94954621	Probably Increasing	4	0	No	0.613445491	0.00	0.874038114	Stable	16	7	No	0.983164611	0.00	0.830641362	Stable	8	0	No	0.62029464	0.00	0.960691713	Decreasing
PTX06-1002A	641161.56	3759984.00	NI	12/4/1995	2/24/2021	36	3	No	1.031135675	0.00	0.999980786	Decreasing	4	0	No	0.155861391	0.00	0.622810821	Stable	22	1	No	0.318406346	0.00	0.796309558	No Trend	8	0	No	0.352019124	0.00	0.973315924	Increasing
PTX06-1002A	641161.56	3759984.00	MO	12/4/1995	2/24/2021	38	1	No	1.017905687	0.00	0.999781287	Increasing	4	0	No	0.327209859	0.00	0.786674903	Stable	23	0	No	0.873698346	0.00	0.999981401	Increasing	8	0	No	0.597124857	0.00	0.715328167	Stable
PTX06-1002A	641161.56	3759984.00	AS	12/4/1995	2/24/2021	5	12	No	0.459443967	0.00	0.90753684	Probably Increasing	4	0	No	0.495564053	0.00	0.892323636	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	BA	12/4/1995	2/24/2021	25	0	No	0.298225034	0.00	0.997293792	Decreasing	4	0	No	0.614777605	0.01	0.963499074	Increasing	9	0	No	0.456447409	0.00	1	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	FE	12/4/1995	2/24/2021	31	8	No	0.72760387	0.00	0.618383521	Stable	4	0	No	0.65434504	0.00	0.741454893	No Trend	16	7	No	0.461212528	0.00	0.991500688	Decreasing	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1002A	641161.56	3759984.00	V	12/4/1995	2/24/2021	35	2	No	0.372061939	0.00	0.982705661	Decreasing	4	0	No	0.038452937	0.00	0.957176338	Increasing	21	2	No	0.479290645	0.00	0.550902969	Stable	8	0	No	0.421011749	0.00	0.988445267	Increasing
PTX06-1005	640545.44	3756139.87	RDX	11/20/1995	8/4/2021	44	0	No	0.964891154	0.00	0.99999983	Decreasing	4	0	No	0.205830219	0.00	0.831403181	No Trend	25	0	No	1.050929192	0.00	1	Decreasing	10	0	No	0.78663204	0.00	0.988511271	Decreasing
PTX06-1005	640545.44	3756139.87	HMX	11/20/1995	8/4/2021	43	1	No	1.086212047	0.00	0.999999996	Decreasing	4	0	No	0.314205596	0.00	0.509446672	Stable	25	0	No	1.024517555	0.00	0.999999999	Decreasing	10	0	No	1.026205546	0.00	0.99923706	Decreasing
PTX06-1005	640545.44	3756139.87	TNT	11/20/1995	8/4/2021	39	5	No	1.32848165	0.00	1	Decreasing	4	0	No	0.087721325	0.00	0.66894116	Stable	25	0	No	0.634258	0.00	0.999929839	Decreasing	10	0	No	0.534258114	0.00	0.999423793	Decreasing
PTX06-1005	640545.44	3756139.87	DNT24	11/20/1995	8/4/2021	23	21	No	1.326882286	0.00	1	Decreasing	4	0	No	0.23486495	0.00	0.987127099	Decreasing	12	13	No	0.968559105	0.00	0.999008702	Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	DNT26	11/20/1995	8/4/2021	15	29	No	2.024345596	0.00	0.888946605	No Trend	4	0	No	0.592371108	0.00	0.935426682	Probably Increasing	14	11	No	0.740463168	0.00	0.99877439	Increasing	0	10	No	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DNT2A	11/20/1995	8/4/2021	34	10	No	0.687217478	0.00	0.999999737	Decreasing	4	0	No	0.141641115	0.00	0.994796356	Decreasing	25	0	No	0.754351921	0.00	1	Decreasing	10	0	No	0.538739979	0.00	0.998105324	Decreasing
PTX06-1005	640545.44	3756139.87	DNT4A	11/20/1995	8/4/2021	34	10	No	0.920638914	0.00	0.999999674	Decreasing	4	0	No	0.137370533	0.00	0.877946538	No Trend	25	0	No	0.988926357	0.00	1	Decreasing	10	0	No	0.32424427	0.00	0.99765181	Decreasing

PTX06-1005	640545.44	3756139.87	TNB135	11/20/1995	8/4/2021	43	1	No	0.598554876	0.00	0.881007338	Stable	4	0	No	0.355841367	0.00	0.715596098	Stable	25	0	No	0.348599924	0.00	0.95821696	Increasing	10	0	No	0.271612315	0.00	0.712367859	No Trend
PTX06-1005	640545.44	3756139.87	DNB13	11/20/1995	8/4/2021	5	37	No	1.068702608	0.00	0.547162664	No Trend	4	0	No	1.104099364	0.00	0.556074801	No Trend	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DIOXANE14	5/1/2006	2/24/2021	8	2	No	0.730421852	0.00	0.623344086	No Trend	4	0	No	0.673351423	0.00	0.911621915	Probably Increasing	8	0	No	0.730421852	0.00	0.623344086	No Trend	5	0	No	0.726909007	0.00	0.904702202	Probably Increasing
PTX06-1005	640545.44	3756139.87	PCE	11/20/1995	8/4/2021	29	16	No	0.619335245	0.00	0.999999994	Increasing	4	0	No	0.128501102	0.00	0.553841952	No Trend	23	2	No	0.430210354	0.00	0.995318273	Increasing	10	0	No	0.344573053	0.00	0.974623456	Decreasing
PTX06-1005	640545.44	3756139.87	TCE	11/20/1995	8/4/2021	43	3	No	0.738493421	0.00	0.999999952	Increasing	4	0	No	0.273775563	0.00	0.996342484	Decreasing	25	0	No	0.441499545	0.00	0.994811011	Increasing	10	0	No	0.226822676	0.00	0.906250792	Probably Decreasing
PTX06-1005	640545.44	3756139.87	DCE12C	11/20/1995	8/4/2021	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1005	640545.44	3756139.87	DCA12	11/20/1995	8/4/2021	37	7	No	0.541879762	0.00	0.908338227	Probably Decreasing	4	0	No	0.262210361	0.00	0.925020912	Probably Increasing	24	1	No	0.601210028	0.00	0.983181532	Increasing	10	0	No	0.437784117	0.00	0.884782847	No Trend
PTX06-1005	640545.44	3756139.87	TCLME	11/20/1995	8/4/2021	30	14	No	1.167574169	0.00	0.999999869	Increasing	4	0	No	0.212082404	0.00	0.897581965	No Trend	25	0	No	1.052127611	0.00	0.999999882	Increasing	10	0	No	0.373715742	0.00	0.830467322	No Trend
PTX06-1005	640545.44	3756139.87	B	11/20/1995	8/4/2021	43	0	No	0.580009744	0.00	1	Decreasing	4	0	No	0.073771498	0.00	0.798998714	Stable	25	0	No	0.390297498	0.00	0.999999557	Decreasing	10	0	No	0.086657916	0.00	0.621274381	Stable
PTX06-1005	640545.44	3756139.87	CR	11/20/1995	8/4/2021	43	0	No	2.267162381	0.00	0.99999983	Increasing	4	0	No	0.097511756	0.00	0.719097404	Stable	25	0	No	1.72706165	0.00	0.536060349	No Trend	10	0	No	0.148995404	0.00	0.942430789	Probably Increasing
PTX06-1005	640545.44	3756139.87	CR-6	3/14/1996	8/4/2021	35	8	No	2.106017337	0.00	0.995388015	Increasing	4	0	No	0.076140272	0.00	0.871644435	Stable	24	1	No	1.751412437	0.00	0.644895026	No Trend	10	0	No	0.140219688	0.00	0.884316576	No Trend
PTX06-1005	640545.44	3756139.87	MN	11/20/1995	8/4/2021	27	15	No	1.029651554	0.00	0.71562307	No Trend	4	0	No	0.399562757	0.00	0.86410212	Stable	11	14	No	1.310916952	0.00	0.934509053	Probably Decreasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	NI	11/20/1995	8/4/2021	34	8	No	1.11352914	0.00	0.993678598	Decreasing	4	0	No	0.476671726	0.00	0.886156469	Stable	23	2	No	0.564342861	0.00	0.971110745	Decreasing	8	2	No	0.394615127	0.00	0.675958873	Stable
PTX06-1005	640545.44	3756139.87	MO	11/20/1995	8/4/2021	42	0	No	0.18868909	0.00	0.990774445	Decreasing	4	0	No	0.066642456	0.00	0.883357598	Stable	25	0	No	0.163534306	0.00	1	Increasing	10	0	No	0.17907517	0.00	0.999591991	Decreasing
PTX06-1005	640545.44	3756139.87	AS	11/20/1995	2/24/2021	8	10	No	0.381762012	0.00	0.801126883	No Trend	4	0	No	0.228585493	0.00	0.960317852	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	BA	11/20/1995	2/24/2021	26	0	No	0.12558052	0.00	0.988877163	Increasing	4	0	No	0.09822785	0.00	0.75449751	No Trend	9	0	No	0.146971539	0.00	0.860737625	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1005	640545.44	3756139.87	FE	11/20/1995	8/4/2021	32	10	No	0.971618834	0.00	0.997775815	Increasing	4	0	No	0.419750228	0.00	0.840083446	No Trend	17	8	No	0.529781618	0.00	0.98448965	Decreasing	4	6	No	0.419750228	0.00	0.873316656	No Trend
PTX06-1005	640545.44	3756139.87	V	11/20/1995	8/4/2021	40	0	No	0.165367421	0.00	0.822378715	Stable	4	0	No	0.037523477	0.00	0.641733208	Stable	25	0	No	0.167912803	0.00	0.927171863	Probably Increasing	10	0	No	0.053462674	0.00	0.92109091	Probably Decreasing
PTX06-1006	637450.19	3757599.75	RDX	12/7/1995	11/9/2021	14	10	No	1.286867996	0.00	0.999765448	Decreasing	4	0	No	0.480309966	0.00	0.944946429	Probably Decreasing	13	0	No	1.237701943	0.00	0.999999988	Decreasing	5	0	No	0.722159147	0.00	0.992414418	Decreasing
PTX06-1006	637450.19	3757599.75	HMX	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	TNT	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT24	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT26	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT2A	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNT4A	12/7/1995	11/9/2021	16	7	No	0.445813333	0.00	0.533487939	No Trend	4	0	No	0.19306971	0.00	0.98599849	Decreasing	13	0	No	0.445744528	0.00	0.77514198	No Trend	5	0	No	0.199280659	0.00	0.98831972	Decreasing
PTX06-1006	637450.19	3757599.75	TNB135	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DNB13	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DIOXANE14	8/14/2002	11/9/2021	15	2	No	0.221490124	0.00	0.657116869	Stable	4	0	No	0.195852367	0.00	0.994846315	Decreasing	13	0	No	0.231517047	0.00	0.61332239	No Trend	5	0	No	0.170408427	0.00	0.966067556	Decreasing
PTX06-1006	637450.19	3757599.75	PCE	12/7/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	TCE	12/7/1995	11/9/2021	12	12	No	0.352778106	0.00	0.999021681	Increasing	4	0	No	0.067439791	0.00	0.941711211	Probably Increasing	11	2	No	0.340807229	0.00	0.999978287	Increasing	5	0	No	0.14303163	0.00	0.95732078	Increasing
PTX06-1006	637450.19	3757599.75	DCE12C	12/7/1995	11/9/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	DCA12	12/7/1995	11/9/2021	6	18	No	0.384875277	0.00	0.79883921	Stable	4	0	No	0.454860097	0.00	0.984120982	Decreasing	6	7	No	0.384875277	0.00	0.79883921	Stable	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1006	637450.19	3757599.75	TCLME	12/7/1995	11/9/2021	2	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1006	637450.19	3757599.75	PERC	7/27/2000	11/9/2021	16	4	No	0.224584471	0.00	0.947742416	Probably Increasing	4	0	No	0.066509199	0.00	0.871168575	Stable	13	0	No	0.238862903	0.00	0.995520681	Increasing	5	0	No	0.086916105	0.00	0.963566612	Decreasing
PTX06-1006	637450.19	3757599.75	B	12/7/1995	11/9/2021	25	1	No	0.177501597	0.00	0.999999231	Increasing	4	0	No	0.070714843	0.00	0.999993098	Decreasing	13	0	No	0.131119393	0.00	0.997172999	Increasing	5	0	No	0.084726217	0.00	0.989455184	Decreasing
PTX06-1007	637679.37	3759513.00	RDX	12/5/1995	11/9/2021	18	6	No	2.237645242	0.00	0.999311485	Increasing	4	0	No	1.086027429	0.00	0.924520668	Probably Increasing	13	0	No	1.898618686	0.00	0.995671532	Increasing	5	0	No	1.114389875	0.00	0.869475211	No Trend
PTX06-1007	637679.37	3759513.00	HMX	12/5/1995	11/9/2021	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TNT	12/5/1995	11/9/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNT24	12/5/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNT26	12/5/1995	11/9/2021	6	18	No	0.231997124	0.00	1	Decreasing	4	0	No	0.292958212	0.00	0.639751265	Stable	6	7	No	0.231997124	0.00	1	Decreasing	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DNT2A	12/5/1995	11/9/2021	4	20	No	0.289387829	0.00	0.867373012	Stable	4	0	No	0.289387829	0.00	0.867373012	Stable	3	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DNT4A	12/5/1995	11/9/2021	24	0	No	0.821103284	0.00	0.999783727	Increasing	4	0	No	0.513746188	0.00	0.781410754	Stable	13	0	No	0.637329885	0.00	0.868626563	No Trend	5	0	No	0.633544323	0.00	0.991941207	Decreasing
PTX06-1007	637679.37	3759513.00	TNB135	12/5/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DNB13	12/5/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DIOXANE14	10/24/2005	11/9/2021	13	3	No	0.456654999	0.00	0.977664524	Decreasing	4	0	No	0.389595331	0.00	0.927556949	Probably Decreasing	13	0	No	0.456654999	0.00	0.977664524	Decreasing	5	0	No	0.340899218	0.00	0.964764949	Decreasing
PTX06-1007	637679.37	3759513.00	PCE	12/5/1995	11/9/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TCE	12/5/1995	11/9/2021	16	12	No	0.61624559	0.00	0.993829711	Decreasing	4	0	No	0.129940002	0.00	0.572534298	No Trend	8	5	No	0.268838018	0.00	0.94364432	Probably Decreasing	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	DCE12C	12/5/1995	11/9/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	DCA12	12/5/1995	11/9/2021	5	22	No	0.583150876	0.00	0.99906086	Decreasing	4	0	No	0.696753987	-0.01	0.949524088	Probably Decreasing	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1007	637679.37	3759513.00	TCLME	12/5/1995	11/9/2021	2	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	PERC	7/27/2000	11/9/2021	22	0	No	0.690720135	0.00	0.765462647	No Trend	4	0	No	0.147567365	0.00	0.635551663	No Trend	13	0	No	0.649478671	0.00	0.980594207	Decreasing	5	0	No	0.212061094	0.00	0.761313042	Stable
PTX06-1007	637679.37	3759513.00	B	12/5/1995	11/9/2021	26	0	No	0.211201137	0.00	0.998297527	Increasing	4	0	No	0.040402683	0.00	0.808935239	Stable	13	0	No	0.208413353	0.00	0.951098776	Increasing	5	0	No	0.06654952	0.00	0.978611915	Decreasing
PTX06-1007	637679.37	3759513.00	CR	12/5/1995	11/9/2021	17	0	No	1.437895989	0.00	0.551427473	No Trend	4	0	No	1.935953206	-0.02	0.937509964	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	CR-6	12/5/1995	11/9/2021	9	9	No	0.64938432	0.00	0.806191834	Stable	4	0	No	0.329547884	0.00	0.822752601	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	NI	12/5/1995	11/9/2021	16	0	No	0.827260945	0.00	0.975125694	Decreasing	4	0	No	0.95674672	-0.02	0.964118727	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	AS	12/5/1995	11/9/2021	7	9	No	0.601223484	0.00	0.532936227	Stable	4	0	No	0.574569526	0.00	0.919081767	Probably Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1007	637679.37	3759513.00	BA	12/5/1995	11/9/2021	22	0	No	0.3500826	0.00	0.952582123	Decreasing	4	0	No	0.087116564	0.00	0.790821795	No Trend	8	0	No	0.214936972	0.00	0.989963048	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1007	637679.37	3759513.00	V	12/5/1995	11/9/2021	14	0	No	1.198801642	0.00	1	Increasing	4	0	No	1.151335283	-0.01	0.912121923	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	RDX	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	HMX	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	TNT	12/7/1995	5/4/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT24	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT26	12/7/1995	5/4/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT2A	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNT4A	12/7/1995	5/4/2021	7	16	No	0.274045341	0.00	0.626888794	No Trend	4	0	No	0.24085772	0.00	0.927331579	Probably Decreasing	7	6	No	0.274045341	0.00	0.626888794	No Trend	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	TNB135	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DNB13	12/7/1995	5/4/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DIOXANE14	4/29/2003	5/4/2021	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	PCE	12/7/1995	5/4/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	TCE	12/7/1995	5/4/2021	25	0	No	0.989550731	0.00	0.999992194	Decreasing	4	0	No	0.238696386	0.00	0.719384643	No Trend	13	0	No	0.782393315	0.00	0.809887103	Stable	5	0	No	0.402649347	0.00	0.951128498	Increasing
PTX06-1008	639441.93	3759325.25	DCE12C	12/7/1995	5/4/2021	0	21	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	DCA12	12/7/1995	5/4/2021	23	2	No	1.099568826	0.00	1	Increasing	4	0	No	0.110188744	0.00	0.809193252	No Trend	13	0	No	0.564486865	0.00	0.999964901	Increasing	5	0	No	0.110224938	0.00	0.947812348	Probably Increasing
PTX06-1008	639441.93	3759325.25	TCLME	12/7/1995	5/4/2021	25	0	No	0.74422225	0.00	0.99999973	Increasing	4	0	No	0.241130331	0.00	0.582443583	No Trend	13	0	No	0.464103259	0.00	0.962126586	Increasing	5	0	No	0.296478056	0.00	0.896081387	No Trend
PTX06-1008	639441.93	3759325.25	PERC	4/17/2001	5/4/2021	7	11	No	0.867259712	0.00	0.79142932	Stable	4	0	No	1.147783548	0.00	0.780577224	No Trend	5	8	No	1.070354449	0.00	0.670294095	No Trend	4	1	No	1.147783548	0.00	0.819827803	No Trend
PTX06-1008	639441.93	3759325.25	B	12/7/1995	5/4/2021	21	0	No	0.124814108	0.00	0.999802657	Increasing	4	0	No	0.052118752	0.00	0.822340516	Stable	13	0	No	0.107657194	0.00	0.998744078	Increasing	5	0	No	0.080524125	0.00	0.68855253	No Trend
PTX06-1008	639441.93	3759325.25	CR	12/7/1995	5/4/2021	22	0	No	1.847432701	0.00	0.531624563	No Trend	4	0	No	0.242819303	0.00	0.642599388	No Trend	13	0	No	1.780503176	0.00	0.865536235	No Trend	5	0	No	0.360160342	0.00	0.920456505	Probably Increasing
PTX06-1008	639441.93	3759325.25	CR-6	3/13/1996	5/4/2021	10	13	No	0.911570065	0.00	0.975762364	Decreasing	4	0	No	0.06042979	0.00	0.903159752	Probably Decreasing	8	5	No	1.13684879	0.00	0.975536284	Decreasing	5	0	No	0.929003403	0.00	0.932119944	Probably Decreasing
PTX06-1008	639441.93	3759325.25	MN	12/7/1995	5/4/2021	11	11	No	1.163289343	0.00	0.764001661	No Trend	4	0	No	1.128546837	0.00	0.529977782	No Trend	5	8	No	0.923184667	0.00	0.750335268	Stable	0	5	No	0	0.00	0	All Non-Detect
PTX06-1008	639441.93	3759325.25	NI	12/7/1995	5/4/2021	19	3	No	1.411109363	0.00	0.986997551	Decreasing	4	0	No	0.293250148	0.00	0.659865931	No Trend	11	2	No	1.252296758	0.00	0.999683707	Decreasing	4	1	No	0.293250148	0.00	0.666701502	No Trend
PTX06-1008	639441.93	3759325.25	MO	12/7/1995	5/4/2021	22	0	No	1.491441335	0.00	0.723032487	No Trend	4	0	No	0.166540455	0.00	0.653786162	No Trend	13	0	No	1.125623955	0.00	0.943957668	Probably Decreasing	5	0	No	0.386684664	0.00	0.927720532	Probably Increasing
PTX06-1008	639441.93	3759325.25	AS	12/7/1995	5/4/2021	9	2	No	0.274410491	0.00	0.900986898	Probably Increasing	4	0	No	0.144001598	0.00	0.860874701	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	BA	12/7/1995	5/4/2021	17	0	No	0.1694677	0.00	0.896761818	No Trend	4	0	No	0.082419354	0.00	1	Increasing	8	0	No	0.083741951	0.00	1	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1008	639441.93	3759325.25	FE	12/7/1995	5/4/2021	21	1	No	1.803774401	0.00	0.582618869	No Trend	4	0	No	0.240808003	0.00	0.706514035	No Trend	12	1	No	1.491844049	0.00	0.973291028	Decreasing	5	0	No	0.215238145	0.00	0.78371713	No Trend
PTX06-1008	639441.93	3759325.25	V	12/7/1995	5/4/2021	22	0	No	0.29049129	0.00	0.807700427	No Trend	4	0	No	0.025120066	0.00	1	Increasing	13	0	No	0.201730025	0.00	0.630361917	Stable	5	0	No	0.063047898	0.00	0.960018482	Increasing
PTX06-1010	639886.62	3758067.00	RDX	11/27/1995	5/12/2021	39	3	No	1.813694912	0.00	1	Decreasing	4	0	No	0.252285486	0.00	0.514038688	Stable	23	0	No	0.394350457	0.00	0.99853008	Decreasing	8	0	No	0.309596674	0.00	0.783717843	No Trend
PTX06-1010	639886.62	3758067.00	HMX	11/27/1995	5/12/2021	34	8	No	2.176574587	0.00	0.999999992	Decreasing	4	0	No	0.405083538	0.00	0.568675391	No Trend	23	0	No	0.545702719	0.00	0.672186113	No Trend	8	0	No	0.547374818	0.00	0.800517374	Stable
PTX06-1010	639886.62	3758067.00	TNT	11/27/1995	5/12/2021	7	33	No	0.686439704	0.00	0.994696571	Decreasing	4	0	No	0.999988199	0.00	0.842768923	Stable	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT24	11/27/1995	5/12/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT26	11/27/1995	5/12/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNT2A	11/27/1995	5/12/2021	33	8	No	1.645324476	0.00	0.999999999	Decreasing	4	0	No	0.931531155	0.00	0.636538901	No Trend	22	1	No	0.598232147	0.00	0.709934906	No Trend	8	0	No	0.778187565	0.00	0.830411523	No Trend
PTX06-1010	639886.62	3758067.00	DNT4A	11/27/1995	5/12/2021	20	22	No	1.525226551	0.00	1	Decreasing	4	0	No	0.065766153	0.00	0.67441761	No Trend	12	11	No	0.201904035	0.00	0.956194005	Decreasing	5	3	No	0.088106599	0.00	0.972514256	Increasing
PTX06-1010	639886.62	3758067.00	TNB135	11/27/1995	5/12/2021	2	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DNB13	11/27/1995	5/12/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DIOXANE14	7/30/2003	5/12/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	PCE	11/27/1995	5/12/2021	35	6	No	0.637355415	0.00	0.999947129	Decreasing	4	0	No	0.141962902	0.00	0.586202014	No Trend	23	0	No	0.190631338	0.00	1	Decreasing	8	0	No	0.113898722	0.00	0.890973898	No Trend
PTX06-1010	639886.62	3758067.00	TCE	11/27/1995	5/12/2021	40	2	No	0.724602931	0.00	1	Decreasing	4	0	No	0.114825181	0.00	0.865896185	Stable	23	0	No	0.195882131	0.00	0.996464674	Increasing	8	0	No	0.100464859	0.00	0.761352948	Stable
PTX06-1010	639886.62	3758067.00	DCE12C	11/27/1995	5/12/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1010	639886.62	3758067.00	DCA12	11/27/1995	5/12/2021	37	3	No	0.591691076	0.00	0.999996538	Decreasing	4	0	No	0.055345617	0.00	0.705825814	Stable	23	0	No	0.373725246	0.00	0.575269687	No Trend	8	0	No	0.218147902	0.00	0.685300322	Stable
PTX06-1010	639886.62	3758067.00	TCLME	11/27/1995	5/12/2021	31	9	No	0.608350043	0.00	0.999999326	Increasing	4	0	No	0.240827162	0.00	0.888856926	Stable	23	0	No	0.535845879	0.00	0.99936434	Increasing	8	0	No	0.336901485	0.00	0.537982578	No Trend
PTX06-1010	639886.62	3758067.00	B	11/27/1995	5/12/2021	39	0	No	0.686565014	0.00	0.992027162	Decreasing	4	0	No	0.022357222	0.00	0.792594216	No Trend	23	0	No	0.10345378	0.00	0.867650157	No Trend	8	0	No	0.102908335	0.00	0.990391257	Increasing
PTX06-1010	639886.62	3758067.00	CR	11/27/1995	5/12/2021	43	1	No	0.785162502	0.00	0.999999818	Decreasing	4	0	No	0.269844672	0.00	0.550086895	Stable	24	0	No	0.437314571	0.00	0.771114161	Stable	8	0	No	0.351743027	0.00	0.98988593	Decreasing
PTX06-1010	639886.62	3758067.00	CR-6	11/27/1995	5/12/2021	44	1	No	0.874912241	0.00	0.993943824	Decreasing	4	0	No	0.265416129	0.00	0.628787508	Stable	24	0	No	0.457164199	0.00	0.707660281	Stable	8	0	No	0.338675744	0.00	0.993839684	Decreasing
PTX06-1010	639886.62	3758067.00	MN	11/27/1995	5/12/2021	39	2	No	2.42973081	0.00	0.988579219	Decreasing	4	0	No	0.733916177	0.00	0.891519241	No Trend	23	0	No	3.819899332	0.00	0.981155667	Decreasing	8	0	No	0.569073558	0.00	0.584431552	Stable
PTX06-1010	639886.62	3758067.00	NI	11/27/1995	5/12/2021	40	1	No	2.258926372	0.00	0.999973653	Decreasing	4	0	No	0.661858041	0.00	0.788567841	No Trend	23	0	No	3.947466377	0.00	0.970479844	Decreasing	8	0	No	0.56724449	0.00	0.633956828	No Trend
PTX06-1010	639886.62	3758067.00	MO	11/27/1995	5/12/2021	40	1	No	1.61240438	0.00	0.999985545	Decreasing	4	0	No	0.265347812	0.00	0.837095549	No Trend	23	0	No	0.758688587	0.00	0.817660521	Stable	8	0	No	0.36634596	0.00	0.919535092	Probably Decreasing
PTX06-1010	639886.62	3758067.00	AS	11/27/1995	5/12/2021	16	3	No	1.295234228	0.00	0.689451405	No Trend	4	0	No	1.423445334	0.00	0.733080203	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1010	639886.62	3758067.00	BA	11/27/1995	5/12/2021	26	1	No	0.332397369	0.00	0.887372591	Stable	4	0	No	0.155554697	0.00	0.941525847	Probably Increasing	9	0	No	0.131538752	0.00	1	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1010	639886.62	3758067.00	FE	11/27/1995	5/12/2021	40	0	No	1.626052939	0.00	0.98785232	Decreasing	4	0	No	0.58382204	0.00	0.52577469	No Trend	23	0	No	1.657153447	0.00	0.993773805	Decreasing	8	0	No	0.461209059	0.00	0.655735115	Stable
PTX06-1010	639886.62	3758067.00	V	11/27/1995	5/12/2021	37	1	No	1.100366963	0.00	0.996213502	Decreasing	4	0	No	0.156475049	0.00	0.922219528	Probably Increasing	23	0	No	0.25397325	0.00	0.961141895	Decreasing	8	0	No	0.168477371	0.00	0.789579426	Stable
PTX06-1011	639178.93	3757219.75	RDX	11/27/1995	5/12/2021	16	11	No	1.512722856	0.00	0.999681254	Decreasing	4	0	No	0.591714709	0.00	0.680587655	Stable	9	4	No	1.250006768	0.00	0.676427108	No Trend	5	0	No	0.587486643	0.00	0.806248477	Stable
PTX06-1011	639178.93	3757219.75	HMX	11/27/1995	5/12/2021	3	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	TNT	11/27/1995	5/12/2021	1	26	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT24	11/27/1995	5/12/2021	5	22	No	0.607054259	0.00	0.999773259	Decreasing	4	0	No	0.67254476	0.00	0.994461398	Decreasing	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT26	11/27/1995	5/12/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT2A	11/27/1995	5/12/2021	3	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNT4A	11/27/1995	5/12/2021	5	22	No	0.625769702	0.00	0.999282287	Decreasing	4	0	No	0.698506679	0.00	0.990253876	Decreasing	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	TNB135	11/27/1995	5/12/2021	1	26	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DNB13	11/27/1995	5/12/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DIOXANE14	7/31/2003	5/12/2021	12	4	No	0.803340382	0.00	0.994744429	Decreasing	4	0	No	0.398393024	0.00	0.893952957	No Trend	12	1	No	0.803340382	0.00	0.994744429	Decreasing	5	0	No	0.473097316	0.00	0.989006427	Increasing
PTX06-1011	639178.93	3757219.75	PCE	11/27/1995	5/12/2021	24	4	No	0.934648655	0.00	0.999783594	Decreasing	4	0	No	0.295424837	0.00	0.575224313	No Trend	13	0	No	0.368107128	0.00	0.640975014	Stable	5	0	No	0.257478087	0.00	0.545759566	Stable
PTX06-1011	639178.93	3757219.75	TCE	11/27/1995	5/12/2021	29	0	No	0.508183258	0.00	0.636443728	No Trend	4	0	No	0.122217326	0.00	0.887374515	Stable	13	0	No	0.570395259	0.00	0.840506938	No Trend	5	0	No	0.113032437	0.00	0.689661681	Stable
PTX06-1011	639178.93	3757219.75	DCE12C	11/27/1995	5/12/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1011	639178.93	3757219.75	DCA12	11/27/1995	5/12/2021	12	15	No	0.745691148	0.00	0.999999856	Decreasing	4	0	No	0.298382133	0.00	0.512773411	No Trend	5	8	No	0.332488096	0.00	0.809307884	No Trend	5	0	No	0.332488096	0.00	0.809307884	No Trend
PTX06-1011	639178.93	3757219.75	TCLME	11/27/1995	5/12/2021	9	18	No	0.753594719	0.00	0.999338316	Increasing	4	0	No	0.186353082	0.00	0.577957069	No Trend	9	4	No	0.753594719	0.00	0.999338316	Increasing	5	0	No	0.279256759	0.00	0.902291612	Probably Increasing
PTX06-1011	639178.93	3757219.75	PERC	4/23/2001	5/12/2021	8	13	No	0.20855387	0.00	0.946570989	Probably Decreasing	4	0	No	0.181305384	0.00	0.75773073	Stable	8	5	No	0.20855387	0.00	0.946570989	Probably Decreasing	5	0	No	0.22554328	0.00	0.965299723	Decreasing
PTX06-1011	639178.93	3757219.75	B	11/27/1995	5/12/2021	29	0	No	0.139809812	0.00	0.965295646	Increasing	4	0	No	0.03535316	0.00	1	Decreasing	13	0	No	0.158863111	0.00	0.992538009	Increasing	5	0	No	0.05183726	0.00	0.840334425	No Trend
PTX06-1011	639178.93	3757219.75	CR	11/27/1995	5/12/2021	29	0	No	1.839634078	0.00	0.955190071	Decreasing	4	0	No	0.730163862	0.00	0.763873703	Stable	13	0	No	0.912632251	0.00	1	Decreasing	5	0	No	0.629501266	0.00	0.80340238	Stable
PTX06-1011	639178.93	3757219.75	CR-6	11/27/1995	5/12/2021	22	7	No	0.667387492	0.00	0.929186471	Probably Decreasing	4	0	No	0.22737432	0.00	0.607462934	Stable	11	2	No	0.454187178	0.00	0.93943144	Probably Increasing	5	0	No	0.241649275	0.00	0.847316589	Stable
PTX06-1011	639178.93	3757219.75	MN	11/27/1995	5/12/2021	27	2	No	1.958292655	0.00	0.712658436	No Trend	4	0	No	0.599448502	0.00	0.876760815	Stable	11	2	No	0.55953108	0.00	0.972617451	Decreasing	4	1	No	0.599448502	0.00	0.920545268	Probably Decreasing
PTX06-1011	639178.93	3757219.75	NI	11/27/1995	5/12/2021	29	0	No	1.197522458	0.00	0.999893649	Decreasing	4	0	No	0.641953898	0.00	0.764743808	No Trend	13	0	No	0.756201746	0.00	0.994888221	Decreasing	5	0	No	0.57290411	0.00	0.706819347	No Trend
PTX06-1011	639178.93	3757219.75	MO	11/27/1995	5/12/2021	29	0	No	1.47769704	0.00	0.952996238	Decreasing	4	0	No	0.458903507	0.00	0.770637692	Stable	13	0	No	0.542989813	0.00	0.971642256	Decreasing	5	0	No	0.398617035	0.00	0.776096089	Stable

PTX06-1011	639178.93	3757219.75	AS	11/27/1995	5/12/2021	15	3	No	1.19229135	0.00	0.563204561	No Trend	4	0	No	1.400367203	0.00	0.695461563	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1011	639178.93	3757219.75	BA	11/27/1995	5/12/2021	24	0	No	0.234657724	0.00	0.896683522	No Trend	4	0	No	0.084843011	0.00	0.976810894	Increasing	8	0	No	0.080362272	0.00	0.770059938	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1011	639178.93	3757219.75	FE	11/27/1995	5/12/2021	27	2	No	1.874583826	0.00	0.730325824	No Trend	4	0	No	0.711330365	0.00	0.711778096	Stable	11	2	No	0.922641684	0.00	0.966604578	Decreasing	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1011	639178.93	3757219.75	V	11/27/1995	5/12/2021	27	0	No	1.001331768	0.00	0.776020003	No Trend	4	0	No	0.174129395	0.00	0.862515649	Stable	13	0	No	0.42624572	0.00	0.9133484	Probably Decreasing	5	0	No	0.15080048	0.00	0.825366135	Stable
PTX06-1013	643710.38	3764075.09	RDX	11/14/1995	4/21/2021	36	3	No	0.276769436	0.00	0.962618083	Decreasing	4	0	No	0.217769241	0.00	0.910249041	Probably Decreasing	17	0	No	0.160284523	0.00	0.999689819	Decreasing	5	0	No	0.189051031	0.00	0.884598517	Stable
PTX06-1013	643710.38	3764075.09	HMX	11/14/1995	4/21/2021	32	7	No	0.161117116	0.00	0.999865031	Increasing	4	0	No	0.105902644	0.00	0.555649645	Stable	17	0	No	0.11503234	0.00	0.927253856	Probably Increasing	5	0	No	0.097486635	0.00	0.721488981	No Trend
PTX06-1013	643710.38	3764075.09	TNT	11/14/1995	4/21/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT24	11/14/1995	4/21/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT26	11/14/1995	4/21/2021	3	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT2A	11/14/1995	4/21/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNT4A	11/14/1995	4/21/2021	1	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TNB135	11/14/1995	4/21/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DNB13	11/14/1995	4/21/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	PCE	11/14/1995	4/21/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TCE	11/14/1995	4/21/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DCE12C	11/14/1995	4/21/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	DCA12	11/14/1995	4/21/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	TCLME	11/14/1995	4/21/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1013	643710.38	3764075.09	B	11/14/1995	4/21/2021	39	0	No	0.218065354	0.00	0.871698532	No Trend	4	0	No	0.023851307	0.00	0.531722679	No Trend	17	0	No	0.294424655	0.00	0.979333946	Decreasing	5	0	No	0.02639024	0.00	0.804888348	Stable
PTX06-1013	643710.38	3764075.09	CR	11/14/1995	4/21/2021	34	5	No	1.345158603	0.00	0.999653218	Decreasing	4	0	No	0.759552142	-0.01	0.754248324	Stable	12	5	No	1.237851731	0.00	0.863666452	No Trend	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1013	643710.38	3764075.09	CR-6	3/7/1996	4/21/2021	7	33	No	2.079524063	0.00	0.774422576	No Trend	4	0	No	0.214451748	0.00	0.981367127	Increasing	4	13	No	0.214451748	0.00	0.92445387	Probably Increasing	4	1	No	0.214451748	0.00	0.92445387	Probably Increasing
PTX06-1013	643710.38	3764075.09	MN	11/14/1995	4/21/2021	34	4	No	1.95830162	0.00	0.997537233	Decreasing	4	0	No	1.235670896	-0.01	0.807303226	No Trend	13	4	No	0.941968739	0.00	0.982031339	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1013	643710.38	3764075.09	NI	11/14/1995	4/21/2021	38	0	No	2.800329526	0.00	0.999999982	Decreasing	4	0	No	0.173072732	0.00	0.629514931	No Trend	17	0	No	0.723222976	0.00	0.999499138	Decreasing	5	0	No	0.182177536	0.00	0.718661991	Stable
PTX06-1013	643710.38	3764075.09	MO	11/14/1995	4/21/2021	37	1	No	0.70707689	0.00	0.999984262	Decreasing	4	0	No	0.14823878	0.00	0.948667127	Probably Increasing	17	0	No	0.527683844	0.00	0.997840071	Decreasing	5	0	No	0.138387881	0.00	0.656063493	No Trend
PTX06-1013	643710.38	3764075.09	FE	11/14/1995	4/21/2021	37	1	No	1.853002158	0.00	0.999643033	Decreasing	4	0	No	0.354834964	0.00	0.823149716	Stable	16	1	No	0.931926521	0.00	0.999992094	Decreasing	4	1	No	0.354834964	0.00	0.790590065	Stable
PTX06-1013	643710.38	3764075.09	V	11/14/1995	4/21/2021	36	0	No	0.305302179	0.00	1	Decreasing	4	0	No	0.10012979	0.00	0.648538967	Stable	17	0	No	0.231196029	0.00	0.848353809	Stable	5	0	No	0.105219983	0.00	0.818492319	Stable
PTX06-1014	643758.88	3755125.71	RDX	3/13/1996	8/4/2021	37	0	No	3.334873786	0.00	0.995132415	Decreasing	4	0	No	0.178086968	0.00	0.767089239	Stable	12	0	No	0.199245155	0.00	0.981700603	Increasing	5	0	No	0.162812114	0.00	0.634259929	Stable
PTX06-1014	643758.88	3755125.71	HMX	3/13/1996	8/4/2021	34	3	No	2.478130416	0.00	0.996446622	Decreasing	4	0	No	0.202499343	0.00	0.705744114	Stable	12	0	No	0.341867914	0.00	0.999018256	Increasing	5	0	No	0.183458428	0.00	0.743327908	Stable
PTX06-1014	643758.88	3755125.71	TNT	3/13/1996	8/4/2021	11	25	No	0.284483627	0.00	0.880761482	No Trend	4	0	No	0.185255527	0.00	0.950855874	Increasing	11	1	No	0.284483627	0.00	0.880761482	No Trend	5	0	No	0.182356933	0.00	0.972970048	Increasing
PTX06-1014	643758.88	3755125.71	DNT24	3/13/1996	8/4/2021	15	21	No	1.433084287	0.00	0.628085728	No Trend	4	0	No	1.119275142	0.00	0.70700191	No Trend	3	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	DNT26	3/13/1996	8/4/2021	13	24	No	0.476817887	0.00	0.900669396	Probably Increasing	4	0	No	0.338896544	0.00	0.66268851	No Trend	5	7	No	0.525540476	0.00	0.814934864	No Trend	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DNT2A	3/13/1996	8/4/2021	32	4	No	0.967611449	0.00	0.999999801	Decreasing	4	0	No	0.104472307	0.00	0.839297754	Stable	12	0	No	0.116090835	0.00	0.969830518	Decreasing	5	0	No	0.095452227	0.00	0.69031056	Stable
PTX06-1014	643758.88	3755125.71	DNT4A	3/13/1996	8/4/2021	31	5	No	0.809459174	0.00	0.998630302	Decreasing	4	0	No	0.060928484	0.00	1	Increasing	12	0	No	0.351284184	0.00	0.885062272	No Trend	5	0	No	0.143508094	0.00	0.850687036	Stable
PTX06-1014	643758.88	3755125.71	TNB135	3/13/1996	8/4/2021	2	34	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	DNB13	3/13/1996	8/4/2021	4	28	No	0.403635883	0.00	0.830376902	No Trend	4	0	No	0.403635883	0.00	0.830376902	No Trend	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	PCE	3/13/1996	8/4/2021	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	TCE	3/13/1996	8/4/2021	13	24	No	0.371488816	0.00	0.99780481	Decreasing	4	0	No	0.355601461	0.00	0.996842651	Decreasing	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DCE12C	3/13/1996	8/4/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	DCA12	3/13/1996	8/4/2021	14	19	No	0.51285006	0.00	0.998767957	Decreasing	4	0	No	0.570942453	0.00	0.987309488	Decreasing	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	TCLME	3/13/1996	8/4/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1014	643758.88	3755125.71	B	3/13/1996	8/4/2021	37	0	No	0.274769343	0.00	0.99999991	Decreasing	4	0	No	0.135705703	0.00	0.741310017	Stable	12	0	No	0.113899368	0.00	0.973074059	Decreasing	5	0	No	0.118793218	0.00	0.820752008	Stable
PTX06-1014	643758.88	3755125.71	CR	3/13/1996	8/4/2021	33	4	No	1.728683739	0.00	0.996010529	Decreasing	4	0	No	0.209635889	0.00	0.918388154	Probably Decreasing	8	4	No	0.262932141	0.00	0.958110053	Decreasing	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	CR-6	3/13/1996	8/4/2021	18	19	No	0.757320133	0.00	0.999876736	Decreasing	4	0	No	0.051224393	0.00	0.894061802	Stable	7	5	No	0.295089359	0.00	0.882286078	Stable	5	0	No	0.047236764	0.00	1	Decreasing
PTX06-1014	643758.88	3755125.71	MN	3/13/1996	8/4/2021	22	14	No	1.049295241	0.00	0.959839464	Decreasing	4	0	No	1.311365298	0.00	0.657295951	No Trend	7	5	No	1.524183556	0.00	0.65761874	No Trend	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	NI	3/13/1996	8/4/2021	30	5	No	3.099142264	0.00	0.998854764	Decreasing	4	0	No	0.15053898	0.00	0.991513638	Decreasing	12	0	No	1.35191262	0.00	0.950756647	Decreasing	5	0	No	0.490084022	0.00	0.980107975	Decreasing
PTX06-1014	643758.88	3755125.71	MO	3/13/1996	8/4/2021	35	0	No	0.703886215	0.00	0.999914712	Decreasing	4	0	No	0.081797556	0.00	0.521558059	Stable	12	0	No	0.293660649	0.00	0.782855147	No Trend	5	0	No	0.115995484	0.00	0.851829283	No Trend
PTX06-1014	643758.88	3755125.71	FE	3/13/1996	8/4/2021	32	4	No	2.840094279	0.00	0.86399733	No Trend	4	0	No	0.53096114	0.00	0.645511062	Stable	8	4	No	0.353882471	0.00	0.819161932	Stable	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1014	643758.88	3755125.71	V	3/13/1996	8/4/2021	31	0	No	0.361723682	0.00	0.973478792	Decreasing	4	0	No	0.036805258	0.00	1	Increasing	12	0	No	0.060082887	0.00	1	Decreasing	5	0	No	0.039721307	0.00	0.789573511	No Trend
PTX06-1023	642773.84	3764603.10	RDX	12/10/1995	2/8/2021	31	14	No	1.077114961	0.00	0.999999996	Decreasing	4	0	No	1.359701165	0.00	0.835454622	No Trend	12	11	No	1.019403983	0.00	0.934161388	Probably Decreasing	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1023	642773.84	3764603.10	HMX	12/10/1995	2/8/2021	26	19	No	0.681954926	0.00	0.999885279	Decreasing	4	0	No	0.641449329	0.00	0.931175037	Probably Increasing	8	15	No	0.976003051	0.00	0.671573576	Stable	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TNT	12/10/1995	2/8/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT24	12/10/1995	2/8/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT26	12/10/1995	2/8/2021	3	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT2A	12/10/1995	2/8/2021	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNT4A	12/10/1995	2/8/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TNB135	12/10/1995	2/8/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DNB13	12/10/1995	2/8/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	PCE	12/10/1995	2/8/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TCE	12/10/1995	2/8/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DCE12C	12/10/1995	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	DCA12	12/10/1995	2/8/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	TCLME	12/10/1995	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	B	10/18/1995	2/8/2021	47	0	No	0.660801274	0.00	1	Decreasing	4	0	No	0.072359227	0.00	0.984754492	Decreasing	23	0	No	0.612554846	0.00	0.999451934	Decreasing	8	0	No	0.0554971	0.00	1	Decreasing
PTX06-1023	642773.84	3764603.10	CR	10/18/1995	2/8/2021	29	17	No	1.962605968	0.00	0.97120019	Decreasing	4	0	No	0.469373293	0.00	0.854171193	Stable	7	16	No	1.188530786	0.00	0.961249159	Decreasing	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	CR-6	3/5/1996	2/8/2021	17	30	No	1.219104639	0.00	0.996452098	Decreasing	4	0	No	0.083452109	0.00	0.829512463	No Trend	9	14	No	0.744107765	0.00	0.981886362	Decreasing	8	0	No	0.196565926	0.00	0.625380721	No Trend
PTX06-1023	642773.84	3764603.10	MN	10/18/1995	2/8/2021	25	21	No	4.590343793	0.00	0.992962998	Decreasing	4	0	No	0.66041448	0.00	0.640516261	Stable	7	16	No	1.461111668	0.00	0.932875959	Probably Decreasing	0	8	No	0	0.00	0	All Non-Detect
PTX06-1023	642773.84	3764603.10	NI	10/18/1995	2/8/2021	44	1	No	1.555575654	0.00	1	Decreasing	4	0	No	0.367570421	0.00	0.506580884	No Trend	22	1	No	1.204638506	0.00	0.99999878	Decreasing	7	1	No	0.344915749	0.00	0.764041103	Stable
PTX06-1023	642773.84	3764603.10	MO	10/18/1995	2/8/2021	45	0	No	1.588317781	0.00	0.997249282	Decreasing	4	0	No	0.051547194	0.00	0.774805057	Stable	23	0	No	0.295009376	0.00	0.999926585	Decreasing	8	0	No	0.048383634	0.00	0.91488202	Probably Decreasing
PTX06-1023	642773.84	3764603.10	FE	10/18/1995	2/8/2021	36	9	No	4.833612575	0.00	0.934252956	Probably Decreasing	4	0	No	0.250530885	0.00	0.778558614	No Trend	15	8	No	0.986127428	0.00	0.999123684	Decreasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1023	642773.84	3764603.10	V	10/18/1995	2/8/2021	40	0	No	1.311198512	0.00	0.7267582	No Trend	4	0	No	0.056076586	0.00	0.818961632	Stable	23	0	No	0.068926804	0.00	0.884658668	Stable	8	0	No	0.038251718	0.00	0.80498406	Stable
PTX06-1031	644674.92	3753348.03	RDX	8/20/1996	10/27/2021	48	3	No	0.499071514	0.00	0.999999999	Increasing	4	0	No	0.24965056	0.00	0.866265569	No Trend	25	0	No	0.211217935	0.00	0.997772985	Increasing	10	0	No	0.20702652	0.00	0.68033343	No Trend
PTX06-1031	644674.92	3753348.03	HMX	8/20/1996	10/27/2021	38	11	No	0.747445019	0.00	1	Increasing	4	0	No	0.100709382	0.00	0.669005856	No Trend	25	0	No	0.468777888	0.00	1	Increasing	10	0	No	0.17818528	0.00	0.997853501	Increasing
PTX06-1031	644674.92	3753348.03	TNT	8/20/1996	10/27/2021	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT24	8/20/1996	10/27/2021	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT26	8/20/1996	10/27/2021	1	48	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT2A	8/20/1996	10/27/2021	6	44	No	0.581547621	0.00	0.902882915	Probably Increasing	4	0	No	0.243656857	0.00	0.546964747	Stable	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNT4A	8/20/1996	10/27/2021	44	6	No	0.275602201	0.00	0.972187868	Increasing	4	0	No	0.139910874	0.00	0.560727117	Stable	23	2	No	0.15866937	0.00	0.999979749	Increasing	10	0	No	0.129574333	0.00	0.736271408	No Trend
PTX06-1031	644674.92	3753348.03	TNB135	8/20/1996	10/27/2021	11	37	No	0.279016105	0.00	0.807231563	Stable	4	0	No	0.336069275	0.00	0.714564753	Stable	6	19	No	0.268892433	0.00	0.905289917	Probably Decreasing	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DNB13	8/20/1996	10/27/2021	2	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	PCE	8/20/1996	10/27/2021	2	46	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1031	644674.92	3753348.03	TCE	8/20/1996	10/27/2021	38	14	No	0.364148953	0.00	0.99998852	Decreasing	4	0	No	0.072486337	0.00	0.938549497	Probably Decreasing	20	5	No	0.265465308	0.00	0.662772725	Stable	9	1	No	0.085800288	0.00	0.722173136	Stable
PTX06-1031	644674.92	3753348.03	DCE12C	8/20/1996	10/27/2021	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	DCA12	8/20/1996	10/27/2021	34	13	No	0.854469861	0.00	0.999990119	Decreasing	4	0	No	0.265579669	0.00	0.861348609	Stable	17	8	No	0.398363768	0.00	0.999985611	Increasing	10	0	No	0.222353676	0.00	0.697419671	No Trend
PTX06-1031	644674.92	3753348.03	TCLME	8/20/1996	10/27/2021	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1031	644674.92	3753348.03	B	8/20/1996	10/27/2021	51	0	No	0.377319688	0.00	1	Increasing	4	0	No	0.030697358	0.00	0.939673684	Probably Increasing	25	0	No	0.115384092	0.00	0.999999643	Increasing	10	0	No	0.06120361	0.00	0.980766926	Increasing
PTX06-1031	644674.92	3753348.03	CR	8/20/1996	10/27/2021	51	0	No	1.591904248	0.00	0.971968621	Decreasing	4	0	No	0.404478272	0.00	0.55040881	No Trend	25	0	No	1.3631776	0.00	0.629178649	No Trend	10	0	No	1.038812653	0.00	0.816881246	No Trend
PTX06-1031	644674.92	3753348.03	CR-6	8/20/1996	10/27/2021	25	26	No	0.626159113	0.00	0.997543517	Increasing	4	0	No	0.027122624	0.00	1	Increasing	18	7	No	0.542779151	0.00	0.992158623	Increasing	10	0	No	0.464304596	0.00	0.851445451	No Trend
PTX06-1031	644674.92	3753348.03	MN	8/20/1996	10/27/2021	42	8	No	1.056293411	0.00	0.999757152	Decreasing	4	0	No	0.479150266	0.00	0.525170156	Stable	19	6	No	0.748334789	0.00	0.961766424	Decreasing	5	5	Yes	0.424137192	0.00	1	Decreasing
PTX06-1031	644674.92	3753348.03	NI	8/20/1996	10/27/2021	47	2	No	1.106558528	0.00	0.999997121	Decreasing	4	0	No	0.22977863	0.00	0.515872114	No Trend	24	1	No	0.938647339	0.00	0.985439729	Decreasing	9	1	No	1.123049498	0.00	0.987343141	Decreasing
PTX06-1031	644674.92	3753348.03	MO	8/20/1996	10/27/2021	48	1	No	1.117125126	0.00	0.996711327	Decreasing	4	0	No	0.173444596	0.00	0.616624423	Stable	25	0	No	0.505127288	0.00	0.817138548	Stable	10	0	No	0.399875628	0.00	0.6091022	No Trend
PTX06-1031	644674.92	3753348.03	FE	8/20/1996	10/27/2021	46	2	No	1.458475234	0.00	0.860607115	No Trend	4	0	No	0.425709728	0.00	0.888914538	No Trend	23	2	No	1.415610187	0.00	0.956545978	Decreasing	9	1	No	0.805110692	0.00	0.752557549	No Trend
PTX06-1031	644674.92	3753348.03	V	8/20/1996	10/27/2021	43	0	No	0.675765567	0.00	0.874710949	Stable	4	0	No	0.072145773	0.00	0.58442123	No Trend	25	0	No	0.325433721	0.00	0.791170017	No Trend	10	0	No	0.162729905	0.00	0.718527999	No Trend
PTX06-1034	646555.62	3752434.98	RDX	5/6/1998	8/24/2021	39	10	No	0.976194857	0.00	1	Increasing	4	0	No	0.259073718	0.00	0.80010711	No Trend	25	0	No	0.526769193	0.00	0.999995433	Increasing	10	0	No	0.183657088	0.00	0.654328261	No Trend
PTX06-1034	646555.62	3752434.98	HMX	5/6/1998	8/24/2021	21	27	No	1.007138928	0.00	0.999999854	Increasing	4	0	No	0.511871522	0.00	0.934126055	Probably Increasing	20	5	No	0.968116512	0.00	1	Increasing	10	0	No	0.516853292	0.00	0.996264715	Increasing
PTX06-1034	646555.62	3752434.98	TNT	5/6/1998	8/24/2021	1	47	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT24	5/6/1998	8/24/2021	2	46	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT26	5/6/1998	8/24/2021	26	22	No	0.79641094	0.00	0.999999367	Decreasing	4	0	No	0.059520716	0.00	0.916954333	Probably Increasing	24	1	No	0.126018556	0.00	0.999636521	Decreasing	9	1	No	0.052206559	0.00	1	Increasing
PTX06-1034	646555.62	3752434.98	DNT2A	5/6/1998	8/24/2021	9	39	No	0.781586016	0.00	0.934226038	Probably Increasing	4	0	No	0.538693993	0.00	0.615094478	No Trend	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DNT4A	5/6/1998	8/24/2021	48	1	No	0.736774404	0.00	0.999996608	Increasing	4	0	No	0.067245596	0.00	0.925832642	Probably Increasing	25	0	No	0.49190929	0.00	0.921123696	Probably Increasing	10	0	No	0.119962775	0.00	0.59447248	Stable
PTX06-1034	646555.62	3752434.98	TNB135	5/6/1998	8/24/2021	16	32	No	0.279233757	0.00	0.836315261	Stable	4	0	No	0.063924203	0.00	0.947726087	Probably Increasing	10	15	No	0.283910994	0.00	0.989665363	Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1034	646555.62	3752434.98	DNB13	5/6/1998	8/24/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	PCE	5/6/1998	8/24/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	TCE	5/6/1998	8/24/2021	34	15	No	0.339328377	0.00	0.80057259	No Trend	4	0	No	0.141522277	0.00	0.944872341	Probably Increasing	25	0	No	0.32326562	0.00	0.639600974	Stable	10	0	No	0.100599926	0.00	0.572510689	Stable
PTX06-1034	646555.62	3752434.98	DCE12C	8/18/1998	8/24/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	DCA12	5/6/1998	8/24/2021	24	21	No	1.429057162	0.00	0.999741979	Decreasing	4	0	No	0.264906471	0.00	0.623674153	Stable	20	5	No	0.242717282	0.00	0.837071651	No Trend	9	1	No	0.194361664	0.00	0.777779084	Stable
PTX06-1034	646555.62	3752434.98	TCLME	5/6/1998	8/24/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1034	646555.62	3752434.98	B	5/6/1998	8/24/2021	49	0	No	0.674145635	0.00	1	Increasing	4	0	No	0.140970228	0.00	0.835461044	No Trend	25	0	No	0.415190893	0.00	0.999999994	Increasing	10	0	No	0.13139342	0.00	0.977308935	Increasing
PTX06-1034	646555.62	3752434.98	CR	5/6/1998	8/24/2021	46	3	No	0.457797251	0.00	0.999799577	Increasing	4	0	No	0.076616635	0.00	0.853444436	Stable	22	3	No	0.44065606	0.00	0.639869864	No Trend	8	2	No	0.062628365	0.00	1	Increasing
PTX06-1034	646555.62	3752434.98	CR-6	2/26/1998	8/24/2021	19	29	No	0.644541248	0.00	0.680371035	No Trend	4	0	No	0.085223713	0.00	0.947601371	Probably Decreasing	14	10	No	0.653179278	0.00	0.992014438	Decreasing	10	0	No	0.069052452	0.00	0.788996616	Stable
PTX06-1035	633027.45	3755092.64	RDX	8/26/1998	8/11/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	HMX	8/26/1998	8/11/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TNT	8/26/1998	8/11/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT24	8/26/1998	8/11/2021	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT26	8/26/1998	8/11/2021	0	46	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT2A	8/26/1998	8/11/2021	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DNT4A	8/26/1998	8/11/2021	39	8	No	3.454453338	0.00	0.999998383	Decreasing	4	0	No	0.189894033	0.00	0.610396643	No Trend	22	3	No	0.941460349	0.00	0.999999975	Decreasing	10	0	No	0.202740161	0.00	0.908521074	Probably Increasing
PTX06-1035	633027.45	3755092.64	TNB135	8/26/1998	8/11/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	DNB13	8/26/1998	8/11/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DIOXANE14	8/11/2005	8/11/2021	2	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1035	633027.45	3755092.64	PCE	8/26/1998	8/11/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TCE	8/26/1998	8/11/2021	20	26	No	0.76590455	0.00	1	Increasing	4	0	No	0.357724986	0.00	0.938105892	Probably Increasing	20	5	No	0.76590455	0.00	1	Increasing	10	0	No	0.443384934	0.00	0.999799518	Increasing
PTX06-1035	633027.45	3755092.64	DCE12C	11/4/2002	8/11/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	DCA12	8/26/1998	8/11/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	TCLME	8/26/1998	8/11/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1035	633027.45	3755092.64	PERC	4/19/2001	8/11/2021	27	15	No	0.993401818	0.00	1	Increasing	4	0	No	0.107050577	0.00	0.653394829	Stable	25	0	No	0.924333969	0.00	1	Increasing	10	0	No	0.341091876	0.00	0.998465864	Increasing
PTX06-1035	633027.45	3755092.64	B	8/26/1998	8/11/2021	40	0	No	0.189718913	0.00	1	Increasing	4	0	No	0.053605627	0.00	0.553514564	No Trend	25	0	No	0.105971389	0.00	0.999945916	Increasing	10	0	No	0.076683083	0.00	0.670513914	No Trend
PTX06-1035	633027.45	3755092.64	MN	8/26/1998	8/11/2021	18	12	No	1.452323506	0.00	0.877609326	No Trend	4	0	No	0.346166602	0.00	0.576056688	Stable	8	5	No	0.2987597	0.00	1	Decreasing	4	5	No	0.346166602	0.00	0.611519643	Stable
PTX06-1035	633027.45	3755092.64	AS	8/26/1998	8/11/2021	15	9	No	0.249490014	0.00	0.923513173	Probably Increasing	4	0	No	0.114247973	0.00	0.947610754	Probably Decreasing	7	2	No	0.162000661	0.00	0.840778065	No Trend	7	2	No	0.162000661	0.00	0.840778065	No Trend
PTX06-1035	633027.45	3755092.64	BA	8/26/1998	8/11/2021	30	0	No	0.438578741	0.00	0.999999995	Decreasing	4	0	No	0.050115287	0.00	0.891747937	No Trend	13	0	No	0.209683029	0.00	0.974650753	Increasing	9	0	No	0.124640568	0.00	0.99974471	Increasing
PTX06-1038	643802.04	3760426.35	RDX	4/30/1998	2/8/2021	46	0	No	0.768301548	0.00	1	Decreasing	4	0	No	0.087040093	0.00	0.938030226	Probably Decreasing	23	0	No	1.069046114	0.00	1	Decreasing	8	0	No	0.175729426	0.00	0.971700291	Decreasing
PTX06-1038	643802.04	3760426.35	HMX	4/30/1998	2/8/2021	45	1	No	0.513816702	0.00	0.99998824	Decreasing	4	0	No	0.129920723	0.00	0.741050594	Stable	23	0	No	0.450138936	0.00	0.999999995	Decreasing	8	0	No	0.19605535	0.00	0.87089846	Stable

PTX06-1038	643802.04	3760426.35	TNT	4/30/1998	2/8/2021	43	3	No	0.453359387	0.00	0.737728404	No Trend	4	0	No	0.216669897	0.00	0.969288851	Decreasing	22	1	No	0.454466106	0.00	0.989939145	Decreasing	8	0	No	0.279834537	0.00	0.999942881	Decreasing
PTX06-1038	643802.04	3760426.35	DNT24	4/30/1998	2/8/2021	21	25	No	0.994227356	0.00	0.999671556	Decreasing	4	0	No	1.026380764	0.00	0.702308152	No Trend	3	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DNT26	4/30/1998	2/8/2021	17	29	No	0.528007199	0.00	0.604118767	Stable	4	0	No	0.218990657	0.00	0.865416007	Stable	14	9	No	0.516391024	0.00	0.576476841	Stable	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1038	643802.04	3760426.35	DNT2A	4/30/1998	2/8/2021	44	2	No	0.723549342	0.00	0.999999988	Decreasing	4	0	No	0.213189841	0.00	0.958591995	Decreasing	23	0	No	0.692579834	0.00	1	Decreasing	8	0	No	0.208221801	0.00	0.999671077	Decreasing
PTX06-1038	643802.04	3760426.35	DNT4A	4/30/1998	2/8/2021	43	3	No	0.524627312	0.00	0.986566362	Decreasing	4	0	No	0.231943494	0.00	0.989335865	Decreasing	23	0	No	0.463477314	0.00	0.999998148	Decreasing	8	0	No	0.243764213	0.00	0.999843904	Decreasing
PTX06-1038	643802.04	3760426.35	TNB135	4/30/1998	2/8/2021	33	11	No	0.19123851	0.00	0.997495807	Increasing	4	0	No	0.072784071	0.00	0.704247635	Stable	21	1	No	0.147289484	0.00	0.812963138	No Trend	8	0	No	0.068480673	0.00	0.727096344	Stable
PTX06-1038	643802.04	3760426.35	DNB13	4/30/1998	2/8/2021	2	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	PCE	4/30/1998	2/8/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	TCE	4/30/1998	2/8/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DCE12C	5/11/1999	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	DCA12	4/30/1998	2/8/2021	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	TCLME	4/30/1998	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	B	4/30/1998	2/8/2021	45	0	No	0.33301	0.00	1	Decreasing	4	0	No	0.119983538	0.00	0.721662616	Stable	23	0	No	0.286301914	0.00	0.999999999	Decreasing	8	0	No	0.086275709	0.00	0.847140516	Stable
PTX06-1038	643802.04	3760426.35	CR	4/30/1998	2/8/2021	32	12	No	0.546920345	0.00	0.926462393	Probably Decreasing	4	0	No	0.706790283	0.00	0.707996189	No Trend	12	11	No	0.433798807	0.00	0.764377047	Stable	0	8	No	0	0.00	0	All Non-Detect
PTX06-1038	643802.04	3760426.35	CR-6	8/31/1998	2/8/2021	25	17	No	0.744043432	0.00	0.999997779	Decreasing	4	0	No	0.103108518	0.00	0.809977489	Stable	13	9	No	0.945966503	0.00	0.999929306	Decreasing	8	0	No	0.11113922	0.00	1	Decreasing
PTX06-1039A	643807.47	3759272.56	RDX	6/30/1998	2/24/2021	42	0	No	0.308019274	0.00	0.92611783	Probably Decreasing	4	0	No	0.260227003	0.00	0.733720025	Stable	23	0	No	0.235788322	0.00	1	Decreasing	8	0	No	0.320675411	0.00	0.616895012	Stable
PTX06-1039A	643807.47	3759272.56	HMX	6/30/1998	2/24/2021	41	1	No	0.442583766	0.00	0.972403835	Increasing	4	0	No	0.335161075	0.00	0.638458825	Stable	23	0	No	0.354915792	0.00	0.982372052	Increasing	8	0	No	0.374151588	0.00	0.732139511	Stable
PTX06-1039A	643807.47	3759272.56	TNT	6/30/1998	2/24/2021	32	10	No	0.455141439	0.00	0.999264495	Increasing	4	0	No	0.047663877	0.00	1	Decreasing	23	0	No	0.30502189	0.00	0.999999887	Decreasing	8	0	No	0.090513496	0.00	0.994025312	Decreasing
PTX06-1039A	643807.47	3759272.56	DNT24	6/30/1998	2/24/2021	17	25	No	0.975658671	0.00	0.999459177	Decreasing	4	0	No	0.327022145	0.00	0.975631349	Decreasing	5	18	No	0.987040123	0.00	0.931016812	Probably Decreasing	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DNT26	6/30/1998	2/24/2021	17	25	No	0.422011676	0.00	0.648596863	No Trend	4	0	No	0.466061736	0.00	0.947685498	Probably Increasing	14	9	No	0.431934223	0.00	0.980610561	Increasing	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DNT2A	6/30/1998	2/24/2021	37	5	No	0.500512732	0.00	0.928592306	Probably Decreasing	4	0	No	0.096456781	0.00	0.83980449	Stable	23	0	No	0.569780402	0.00	1	Decreasing	8	0	No	0.316525932	0.00	0.999429145	Decreasing
PTX06-1039A	643807.47	3759272.56	DNT4A	6/30/1998	2/24/2021	39	3	No	0.838276534	0.00	0.966605656	Increasing	4	0	No	0.04102248	0.00	0.826593393	No Trend	23	0	No	0.863166993	0.00	0.621092909	Stable	8	0	No	0.214479254	0.00	0.952532306	Increasing
PTX06-1039A	643807.47	3759272.56	TNB135	6/30/1998	2/24/2021	30	11	No	0.3624351	0.00	0.999106026	Increasing	4	0	No	0.123067195	0.00	0.681118763	No Trend	23	0	No	0.261126043	0.00	0.759451197	No Trend	8	0	No	0.120745154	0.00	0.882720357	No Trend
PTX06-1039A	643807.47	3759272.56	DNB13	6/30/1998	2/24/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	PCE	8/31/1998	2/24/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	TCE	8/31/1998	2/24/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DCE12C	5/11/1999	2/24/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	DCA12	8/31/1998	2/24/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	TCLME	8/31/1998	2/24/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1039A	643807.47	3759272.56	B	8/31/1998	2/24/2021	40	0	No	0.09771517	0.00	0.991877153	Decreasing	4	0	No	0.019094205	0.00	0.809181153	Stable	23	0	No	0.086597978	0.00	0.998955029	Decreasing	8	0	No	0.07409885	0.00	0.972261713	Decreasing
PTX06-1039A	643807.47	3759272.56	CR	8/31/1998	2/24/2021	26	14	No	0.61875742	0.00	0.637153239	No Trend	4	0	No	0.641183752	0.00	0.799989874	Stable	9	14	No	0.576829878	0.00	0.612420377	No Trend	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1039A	643807.47	3759272.56	CR-6	8/31/1998	2/24/2021	18	23	No	1.146423955	0.00	0.998358998	Decreasing	4	0	No	0.130325744	0.00	0.654216361	No Trend	11	12	No	1.227680311	0.00	0.992141506	Decreasing	8	0	No	0.182039864	0.00	0.991978795	Increasing
PTX06-1040	643811.23	3758262.93	RDX	6/30/1998	11/3/2021	48	0	No	0.261207087	0.00	0.995530655	Increasing	4	0	No	0.159512263	0.00	0.84479731	No Trend	25	0	No	0.194345314	0.00	0.993535847	Decreasing	10	0	No	0.201036999	0.00	0.888389361	Stable
PTX06-1040	643811.23	3758262.93	HMX	6/30/1998	11/3/2021	47	1	No	0.495184142	0.00	0.999999962	Increasing	4	0	No	0.223494523	0.00	0.797857268	No Trend	25	0	No	0.389330194	0.00	0.998371926	Increasing	10	0	No	0.314841178	0.00	0.94712967	Probably Decreasing
PTX06-1040	643811.23	3758262.93	TNT	6/30/1998	11/3/2021	22	26	No	0.668365515	0.00	0.999409153	Increasing	4	0	No	0.06810219	0.00	0.913867202	Probably Decreasing	21	4	No	0.657634748	0.00	0.999989185	Increasing	10	0	No	0.236384971	0.00	0.99994069	Decreasing
PTX06-1040	643811.23	3758262.93	DNT24	6/30/1998	11/3/2021	7	40	No	0.515975949	0.00	0.543629468	Stable	4	0	No	0.54255794	0.00	0.973736184	Decreasing	3	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	DNT26	6/30/1998	11/3/2021	19	28	No	0.554061201	0.00	0.9992177	Increasing	4	0	No	0.171577622	0.00	0.655522093	Stable	15	10	No	0.488086602	0.00	0.996158532	Increasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1040	643811.23	3758262.93	DNT2A	6/30/1998	11/3/2021	37	11	No	0.770013375	0.00	0.935011787	Probably Decreasing	4	0	No	0.221566044	0.00	0.973143392	Decreasing	25	0	No	0.405769108	0.00	0.981816842	Decreasing	10	0	No	0.254266985	0.00	0.999258714	Decreasing
PTX06-1040	643811.23	3758262.93	DNT4A	6/30/1998	11/3/2021	47	1	No	0.343571074	0.00	0.70976827	No Trend	4	0	No	0.077489722	0.00	0.684374677	No Trend	25	0	No	0.365159133	0.00	0.993423506	Increasing	10	0	No	0.180711336	0.00	0.779250833	No Trend
PTX06-1040	643811.23	3758262.93	TNB135	6/30/1998	11/3/2021	30	17	No	0.751903819	0.00	0.99999996	Increasing	4	0	No	0.129175945	0.00	0.586397807	Stable	25	0	No	0.665428039	0.00	0.99999986	Increasing	10	0	No	0.216753436	0.00	0.985198642	Increasing
PTX06-1040	643811.23	3758262.93	DNB13	6/30/1998	11/3/2021	2	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	PCE	8/31/1998	11/3/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	TCE	8/31/1998	11/3/2021	1	45	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	DCE12C	5/11/1999	11/3/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	DCA12	8/31/1998	11/3/2021	5	37	No	0.522091726	0.00	0.684372308	Stable	4	0	No	0.590869301	0.00	0.701880921	Stable	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	TCLME	8/31/1998	11/3/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1040	643811.23	3758262.93	B	8/31/1998	11/3/2021	46	0	No	0.20801349	0.00	0.868708549	No Trend	4	0	No	0.078943227	0.00	0.619641643	No Trend	25	0	No	0.076059713	0.00	0.918494727	Probably Increasing	10	0	No	0.072744092	0.00	0.792105303	No Trend
PTX06-1040	643811.23	3758262.93	CR	8/31/1998	11/3/2021	38	9	No	1.136911065	0.00	0.680301477	No Trend	4	0	No	1.436433121	0.01	0.745155872	No Trend	16	9	No	1.256336698	0.00	0.803030622	No Trend	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1040	643811.23	3758262.93	CR-6	8/31/1998	11/3/2021	26	19	No	1.529204002	0.00	0.994762685	Decreasing	4	0	No	0.130617855	0.00	0.740246701	No Trend	15	9	No	2.000742884	0.00	0.969059648	Decreasing	10	0	No	2.312947476	0.00	0.897532908	No Trend
PTX06-1041	643803.61	3757622.78	RDX	10/7/1999	11/3/2021	42	0	No	0.195450536	0.00	1	Increasing	4	0	No	0.307507371	0.00	0.974276884	Increasing	25	0	No	0.217231248	0.00	0.929206374	Probably Increasing	10	0	No	0.286116542	0.00	0.846774118	No Trend
PTX06-1041	643803.61	3757622.78	HMX	10/7/1999	11/3/2021	41	1	No	0.370038218	0.00	0.999998651	Decreasing	4	0	No	0.085981742	0.00	0.587189738	Stable	25	0	No	0.188579714	0.00	0.781814139	Stable	10	0	No	0.193411741	0.00	1	Increasing
PTX06-1041	643803.61	3757622.78	TNT	10/7/1999	11/3/2021	33	8	No	1.033527359	0.00	0.999866685	Decreasing	4	0	No	0.653949301	0.00	0.845625118	Stable	25	0	No	1.245445966	0.00	1	Decreasing	10	0	No	0.468522003	0.00	0.989169042	Decreasing
PTX06-1041	643803.61	3757622.78	DNT24	10/7/1999	11/3/2021	18	24	No	0.932994931	0.00	0.99139473	Decreasing	4	0	No	1.068596563	0.00	0.557648431	No Trend	4	21	No	1.068596563	0.00	0.842063144	No Trend	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	DNT26	10/7/1999	11/3/2021	18	24	No	0.495447214	0.00	0.98987864	Increasing	4	0	No	0.377007951	0.00	0.906754781	Probably Decreasing	17	8	No	0.470643289	0.00	0.976013528	Increasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	DNT2A	10/7/1999	11/3/2021	36	5	No	0.276492828	0.00	0.859782163	Stable	4	0	No	0.318935181	0.00	0.997602296	Decreasing	24	1	No	0.283816216	0.00	1	Decreasing	10	0	No	0.224546581	0.00	0.989380411	Decreasing
PTX06-1041	643803.61	3757622.78	DNT4A	10/7/1999	11/3/2021	42	0	No	0.517557675	0.00	0.965400594	Decreasing	4	0	No	0.06610068	0.00	0.546358431	No Trend	25	0	No	0.609717115	0.00	0.999827065	Decreasing	10	0	No	0.114194742	0.00	0.952159715	Decreasing
PTX06-1041	643803.61	3757622.78	TNB135	10/7/1999	11/3/2021	29	11	No	0.330724782	0.00	1	Decreasing	4	0	No	0.385722852	0.00	0.759788037	Stable	24	0	No	0.298776605	0.00	0.99994787	Decreasing	10	0	No	0.267999919	0.00	0.962493794	Decreasing
PTX06-1041	643803.61	3757622.78	DNB13	10/7/1999	11/3/2021	2	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	PCE	10/7/1999	11/3/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	TCE	10/7/1999	11/3/2021	4	38	No	0.102008952	0.00	0.682752915	Stable	4	0	No	0.102008952	0.00	0.682752915	Stable	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	DCE12C	10/23/2001	11/3/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	DCA12	10/7/1999	11/3/2021	7	34	No	0.340560507	0.00	0.71485123	Stable	4	0	No	0.320700722	0.00	0.765075001	Stable	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1041	643803.61	3757622.78	TCLME	10/7/1999	11/3/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1041	643803.61	3757622.78	B	10/7/1999	11/3/2021	42	0	No	0.154038483	0.00	0.998576916	Increasing	4	0	No	0.159257057	0.00	0.954263501	Decreasing	25	0	No	0.097194761	0.00	0.992698834	Decreasing	10	0	No	0.110244897	0.00	0.965604213	Decreasing
PTX06-1041	643803.61	3757622.78	CR	10/7/1999	11/3/2021	34	8	No	0.675645339	0.00	0.988486356	Increasing	4	0	No	0.878555541	0.00	0.927175997	Probably Increasing	17	8	No	0.691756929	0.00	0.853645117	No Trend	8	2	No	0.805368327	0.00	0.92849868	Probably Increasing
PTX06-1041	643803.61	3757622.78	CR-6	10/7/1999	11/3/2021	22	20	No	0.79992299	0.00	0.647779674	Stable	4	0	No	1.005481938	0.00	0.998321954	Increasing	16	9	No	0.811786686	0.00	0.681918146	Stable	10	0	No	1.031461789	0.00	0.99030523	Increasing
PTX06-1042	643812.20	3755779.88	RDX	10/7/1999	10/25/2021	46	0	No	0.569503745	0.00	1	Decreasing	4	0	No	0.215548614	0.00	0.557975913	No Trend	25	0	No	0.357855493	0.00	0.999993931	Decreasing	10	0	No	0.171134374	0.00	0.810441113	Stable
PTX06-1042	643812.20	3755779.88	HMX	10/7/1999	10/25/2021	44	2	No	1.071705433	0.00	0.999668124	Decreasing	4	0	No	0.806543382	0.00	0.696379878	No Trend	25	0	No	0.522635323	0.00	0.999495655	Decreasing	10	0	No	0.643481344	0.00	0.764899027	No Trend
PTX06-1042	643812.20	3755779.88	TNT	10/7/1999	10/25/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DNT24	10/7/1999	10/25/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DNT26	10/7/1999	10/25/2021	11	33	No	0.316552655	0.00	0.883169544	Stable	4	0	No	0.079918691	0.00	0.546172472	No Trend	10	15	No	0.144867709	0.00	0.741651886	No Trend	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DNT2A	10/7/1999	10/25/2021	38	7	No	1.136872203	0.00	0.999999022	Decreasing	4	0	No	0.512295452	0.00	0.825175979	Stable	25	0	No	0.741102629	0.00	1	Decreasing	10	0	No	0.329688928	0.00	0.767368036	Stable
PTX06-1042	643812.20	3755779.88	DNT4A	10/7/1999	10/25/2021	41	5	No	0.592409941	0.00	0.821772077	No Trend	4	0	No	0.436758277	0.00	0.932833987	Probably Decreasing	25	0	No	0.60605423	0.00	0.638088682	No Trend	10	0	No	0.293329761	0.00	0.880634652	Stable
PTX06-1042	643812.20	3755779.88	TNB135	10/7/1999	10/25/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DNB13	10/7/1999	10/25/2021	3	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	PCE	10/7/1999	10/25/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	TCE	10/7/1999	10/25/2021	12	34	No	0.31542003	0.00	0.999672856	Decreasing	4	0	No	0.16926049	0.00	0.960170626	Decreasing	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DCE12C	10/23/2001	10/25/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	DCA12	10/7/1999	10/25/2021	13	29	No	0.504855201	0.00	0.999485706	Decreasing	4	0	No	0.567694203	-0.01	0.832008251	Stable	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	TCLME	10/7/1999	10/25/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1042	643812.20	3755779.88	B	10/7/1999	10/25/2021	46	0	No	0.26008291	0.00	0.962237925	Decreasing	4	0	No	0.078282479	0.00	0.951308342	Decreasing	25	0	No	0.232148069	0.00	0.999999626	Decreasing	10	0	No	0.085887231	0.00	0.905105409	Probably Decreasing
PTX06-1042	643812.20	3755779.88	CR	10/7/1999	10/25/2021	29	16	No	0.580799653	0.00	0.985942082	Increasing	4	0	No	0.320379023	0.00	0.604747108	No Trend	10	15	No	0.317167167	0.00	0.57403645	Stable	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1042	643812.20	3755779.88	CR-6	10/7/1999	10/25/2021	18	27	No	0.837292248	0.00	0.927858155	Probably Decreasing	4	0	No	0.377403635	0.00	0.735322086	No Trend	12	13	No	0.489516858	0.00	0.923691356	Probably Decreasing	10	0	No	0.321438136	0.00	0.933327601	Probably Increasing
PTX06-1046	643802.63	3752292.55	RDX	1/5/2000	10/26/2021	46	0	No	0.511470504	0.00	0.709620391	No Trend	4	0	No	0.326712791	0.00	0.956312427	Decreasing	25	0	No	0.519227321	0.00	0.998690604	Decreasing	10	0	No	0.601532641	0.00	0.999998604	Decreasing
PTX06-1046	643802.63	3752292.55	HMX	1/5/2000	10/26/2021	40	5	No	0.733535012	0.00	0.829107257	No Trend	4	0	No	0.360615187	0.00	0.994645115	Decreasing	25	0	No	0.585109	0.00	0.998739819	Decreasing	10	0	No	0.888693252	0.00	0.999993447	Decreasing
PTX06-1046	643802.63	3752292.55	TNT	1/5/2000	10/26/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT24	1/5/2000	10/26/2021	1	45	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT26	1/5/2000	10/26/2021	8	37	No	1.376378326	0.00	0.966879803	Decreasing	4	0	No	1.675744224	0.00	0.918391413	Probably Decreasing	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DNT2A	1/5/2000	10/26/2021	24	21	No	0.676247864	0.00	0.630318496	No Trend	4	0	No	0.737249456	0.00	0.895621637	Stable	23	2	No	0.653997878	0.00	0.561970862	Stable	8	2	No	0.790021699	0.00	0.999914687	Decreasing
PTX06-1046	643802.63	3752292.55	DNT4A	1/5/2000	10/26/2021	40	6	No	0.507789954	0.00	0.823322659	Stable	4	0	No	0.54686159	0.00	0.975435398	Decreasing	25	0	No	0.484540668	0.00	0.59747318	No Trend	10	0	No	0.365516987	0.00	0.995729094	Decreasing
PTX06-1046	643802.63	3752292.55	TNB135	1/5/2000	10/26/2021	2	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1046	643802.63	3752292.55	DNB13	1/5/2000	10/26/2021	2	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	PCE	9/11/2000	10/26/2021	7	34	No	0.262435338	0.00	0.589179068	Stable	4	0	No	0.106752103	0.00	0.662648543	Stable	6	19	No	0.251269762	0.00	0.980439923	Decreasing	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	TCE	9/11/2000	10/26/2021	36	9	No	0.366874948	0.00	0.998403492	Decreasing	4	0	No	0.290081257	0.00	0.987749049	Decreasing	16	9	No	0.366160428	0.00	0.868531675	No Trend	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1046	643802.63	3752292.55	DCE12C	10/24/2001	10/26/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	DCA12	9/11/2000	10/26/2021	34	7	No	0.593321388	0.00	1	Decreasing	4	0	No	0.350904311	0.00	0.996123479	Decreasing	19	6	No	0.471158092	0.00	1	Decreasing	4	6	No	0.350904311	0.00	0.997108915	Decreasing
PTX06-1046	643802.63	3752292.55	TCLME	9/11/2000	10/26/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1046	643802.63	3752292.55	B	1/5/2000	10/26/2021	46	0	No	0.401573077	0.00	0.995379916	Increasing	4	0	No	0.057904468	0.00	0.882061762	Stable	25	0	No	0.344660077	0.00	0.998932842	Decreasing	10	0	No	0.451141573	0.00	0.999999653	Decreasing
PTX06-1046	643802.63	3752292.55	CR	1/5/2000	10/26/2021	34	12	No	0.74087138	0.00	0.999999721	Increasing	4	0	No	0.564349152	0.00	0.726122915	No Trend	16	9	No	0.478567071	0.00	0.904950189	Probably Increasing	7	3	No	0.559680738	0.00	0.592840583	No Trend
PTX06-1046	643802.63	3752292.55	CR-6	9/11/2000	10/26/2021	24	21	No	0.791287126	0.00	0.993690663	Increasing	4	0	No	0.747716088	0.00	0.998403014	Decreasing	18	7	No	0.657438388	0.00	0.835715265	Stable	10	0	No	0.746493005	0.00	0.601738994	Stable
PTX06-1047A	643817.46	3752004.39	RDX	9/11/2000	10/26/2021	32	8	No	1.011360584	0.00	0.61238151	No Trend	4	0	No	0.708653777	0.00	0.971202393	Decreasing	24	0	No	1.126746264	0.00	0.999980582	Decreasing	9	0	No	0.586299171	0.00	0.863935871	Stable
PTX06-1047A	643817.46	3752004.39	HMX	9/11/2000	10/26/2021	17	23	No	0.57431722	0.00	1	Decreasing	4	0	No	0.346427397	0.00	0.779552442	Stable	12	12	Yes	0.590841425	0.00	0.999742566	Decreasing	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TNT	9/11/2000	10/26/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT24	9/11/2000	10/26/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT26	9/11/2000	10/26/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT2A	9/11/2000	10/26/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DNT4A	9/11/2000	10/26/2021	31	8	No	0.891529674	0.00	0.951014011	Decreasing	4	0	No	0.740298564	0.00	0.982954345	Decreasing	23	0	No	0.961456782	0.00	0.963810305	Decreasing	9	0	No	0.764764249	0.00	0.970683425	Decreasing
PTX06-1047A	643817.46	3752004.39	TNB135	9/11/2000	10/26/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1047A	643817.46	3752004.39	DNB13	9/11/2000	10/26/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	PCE	9/11/2000	10/26/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TCE	9/11/2000	10/26/2021	13	27	No	0.222341202	0.00	0.993624719	Decreasing	4	0	No	0.148506533	0.00	0.921802407	Probably Decreasing	7	17	No	0.217958009	0.00	0.741408535	Stable	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DCE12C	10/24/2001	10/26/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	DCA12	9/11/2000	10/26/2021	13	25	No	0.549262174	0.00	0.999997412	Decreasing	4	0	No	0.561776155	0.00	0.996489607	Decreasing	10	14	No	0.637457817	0.00	0.999998178	Decreasing	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	TCLME	9/11/2000	10/26/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1047A	643817.46	3752004.39	B	9/11/2000	10/26/2021	40	0	No	0.242105935	0.00	1	Increasing	4	0	No	0.06571682	0.00	0.561582303	Stable	24	0	No	0.257018743	0.00	0.999928499	Decreasing	9	0	No	0.06264501	0.00	0.967431607	Increasing
PTX06-1047A	643817.46	3752004.39	CR	9/11/2000	10/26/2021	22	18	No	1.29747337	0.00	0.99999972	Increasing	4	0	No	0.544820745	0.00	0.871481564	Stable	8	16	No	0.871282634	0.00	0.946521618	Probably Increasing	5	4	No	0.636054371	0.00	0.547645625	Stable
PTX06-1047A	643817.46	3752004.39	CR-6	9/11/2000	10/26/2021	14	26	No	0.989513765	0.00	1	Increasing	4	0	No	0.520855352	0.00	0.897138684	Stable	11	13	No	0.94794358	0.00	0.883387852	Stable	9	0	No	1.062138774	0.00	0.763047122	No Trend
PTX06-1048A	642103.43	3766957.63	RDX	9/5/2000	4/21/2021	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	HMX	9/5/2000	4/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	TNT	9/5/2000	4/21/2021	1	28	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT24	9/5/2000	4/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT26	9/5/2000	4/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT2A	9/5/2000	4/21/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNT4A	9/5/2000	4/21/2021	16	13	No	0.241565841	0.00	1	Decreasing	4	0	No	0.058834208	0.00	0.85816308	No Trend	9	2	No	0.155784307	0.00	0.996170643	Decreasing	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	TNB135	9/5/2000	4/21/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DNB13	9/5/2000	4/21/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	PCE	9/5/2000	4/21/2021	4	21	No	0.104789488	0.00	0.868601137	No Trend	4	0	No	0.104789488	0.00	0.868601137	No Trend	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	TCE	9/5/2000	4/21/2021	28	1	No	0.533724073	0.00	0.857616029	Stable	4	0	No	0.281023845	0.00	0.688160775	Stable	10	1	No	0.469802081	0.00	0.936244112	Probably Increasing	4	0	No	0.281023845	0.00	0.724124705	Stable
PTX06-1048A	642103.43	3766957.63	DCE12C	5/21/2002	4/21/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1048A	642103.43	3766957.63	DCA12	9/5/2000	4/21/2021	11	14	No	0.191664994	0.00	1	Increasing	4	0	No	0.219052239	0.00	0.888582546	No Trend	5	6	No	0.276105991	0.00	0.922357853	Probably Increasing	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1048A	642103.43	3766957.63	TCLME	9/5/2000	4/21/2021	5	19	No	0.243428315	0.00	0.89349539	No Trend	4	0	No	0.268784448	0.00	0.51779638	No Trend	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect

PTX06-1048A	642103.43	3766957.63	B	9/5/2000	4/21/2021	29	0	No	0.111565671	0.00	0.992159553	Increasing	4	0	No	0.042706526	0.00	0.997428024	Decreasing	11	0	No	0.047024761	0.00	0.98172768	Decreasing	4	0	No	0.042706526	0.00	0.979112909	Decreasing
PTX06-1049	633343.53	3763376.96	RDX	9/7/2000	7/27/2021	20	12	No	0.58803097	0.00	0.981286739	Increasing	4	0	No	0.700413515	0.00	0.941615145	Probably Increasing	20	2	No	0.58803097	0.00	0.981286739	Increasing	8	0	No	0.696408066	0.00	0.997111814	Increasing
PTX06-1049	633343.53	3763376.96	HMX	9/7/2000	7/27/2021	1	31	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TNT	9/7/2000	7/27/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT24	9/7/2000	7/27/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT26	9/7/2000	7/27/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT2A	9/7/2000	7/27/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNT4A	9/7/2000	7/27/2021	21	11	No	0.486577962	0.00	0.980729152	Decreasing	4	0	No	0.073303367	0.00	0.832934227	No Trend	21	1	No	0.486577962	0.00	0.980729152	Decreasing	8	0	No	0.091767105	0.00	0.745776323	Stable
PTX06-1049	633343.53	3763376.96	TNB135	9/7/2000	7/27/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DNB13	9/7/2000	7/27/2021	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	PCE	9/7/2000	7/27/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TCE	9/7/2000	7/27/2021	24	9	No	0.794855291	0.00	0.764942911	Stable	4	0	No	0.080930678	0.00	0.792640843	No Trend	23	0	No	0.819623125	0.00	0.652290512	Stable	8	0	No	0.133143817	0.00	0.843310526	Stable
PTX06-1049	633343.53	3763376.96	DCE12C	8/12/2002	7/27/2021	1	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	DCA12	9/7/2000	7/27/2021	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	TCLME	9/7/2000	7/27/2021	0	30	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1049	633343.53	3763376.96	B	9/7/2000	7/27/2021	33	0	No	0.112170194	0.00	0.999166853	Increasing	4	0	No	0.098329791	0.00	0.844069275	No Trend	22	0	No	0.105686279	0.00	0.997942866	Increasing	8	0	No	0.095918292	0.00	0.975045088	Increasing
PTX06-1050	636746.04	3766622.06	RDX	9/5/2000	2/9/2021	36	0	No	0.421423514	0.00	0.996599377	Decreasing	4	0	No	0.483100134	0.00	0.740988411	No Trend	23	0	No	0.395821834	0.00	0.816165605	No Trend	8	0	No	0.466065602	0.00	0.993561161	Increasing
PTX06-1050	636746.04	3766622.06	HMX	9/5/2000	2/9/2021	36	0	No	0.593052896	0.00	0.999999425	Decreasing	4	0	No	0.197292037	0.00	0.584283219	No Trend	23	0	No	0.44094242	0.00	0.922892966	Probably Decreasing	8	0	No	0.189619015	0.00	0.903949748	Probably Increasing
PTX06-1050	636746.04	3766622.06	TNT	9/5/2000	2/9/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT24	9/5/2000	2/9/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT26	9/5/2000	2/9/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNT2A	9/5/2000	2/9/2021	33	3	No	0.824482455	0.00	0.854226389	Stable	4	0	No	0.188209285	0.00	0.70259046	No Trend	23	0	No	0.458598919	0.00	0.97526177	Decreasing	8	0	No	0.198446766	0.00	0.940621999	Probably Increasing
PTX06-1050	636746.04	3766622.06	DNT4A	9/5/2000	2/9/2021	34	2	No	0.527838954	0.00	0.962177175	Increasing	4	0	No	0.113330845	0.00	0.678723804	No Trend	23	0	No	0.467007038	0.00	0.795127377	No Trend	8	0	No	0.298830411	0.00	0.997575804	Decreasing
PTX06-1050	636746.04	3766622.06	TNB135	9/5/2000	2/9/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DNB13	9/5/2000	2/9/2021	1	34	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	PCE	9/5/2000	2/9/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	TCE	9/5/2000	2/9/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DCE12C	8/12/2002	2/9/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	DCA12	9/5/2000	2/9/2021	0	35	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	TCLME	9/5/2000	2/9/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1050	636746.04	3766622.06	B	9/5/2000	2/9/2021	35	0	No	0.301099052	0.00	0.999998299	Decreasing	4	0	No	0.124926391	0.00	0.977267772	Increasing	23	0	No	0.231256255	0.00	0.917179236	Probably Decreasing	8	0	No	0.170973534	0.00	0.999790983	Increasing
PTX06-1052	639100.91	3753957.66	RDX	9/12/2000	8/18/2021	6	37	No	0.395860279	0.00	0.540279223	Stable	4	0	No	0.419402534	0.00	0.975462036	Decreasing	6	19	No	0.395860279	0.00	0.540279223	Stable	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	HMX	9/12/2000	8/18/2021	3	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	TNT	9/12/2000	8/18/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT24	9/12/2000	8/18/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT26	9/12/2000	8/18/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT2A	9/12/2000	8/18/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNT4A	9/12/2000	8/18/2021	12	32	No	0.441948746	0.00	0.614176602	No Trend	4	0	No	0.832466676	0.00	0.869505547	No Trend	9	16	No	0.497439389	0.00	0.651381061	No Trend	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1052	639100.91	3753957.66	TNB135	9/12/2000	8/18/2021	0	42	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DNB13	9/12/2000	8/18/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	PCE	9/12/2000	8/18/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	TCE	9/12/2000	8/18/2021	18	25	No	1.057929746	0.00	0.858734321	No Trend	4	0	No	0.390886943	0.00	0.987578098	Increasing	11	14	No	1.104543912	0.00	0.998982416	Increasing	5	5	Yes	0.624192592	0.00	0.987069495	Increasing
PTX06-1052	639100.91	3753957.66	DCE12C	5/9/2001	8/18/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	DCA12	9/12/2000	8/18/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1052	639100.91	3753957.66	TCLME	9/12/2000	8/18/2021	19	19	No	0.364877536	0.00	0.887040905	Stable	4	0	No	0.506794921	0.00	0.99413001	Decreasing	19	6	No	0.364877536	0.00	0.887040905	Stable	5	5	Yes	0.479074208	0.00	0.997550639	Decreasing
PTX06-1052	639100.91	3753957.66	B	9/12/2000	8/18/2021	44	0	No	0.18040598	0.00	0.999999595	Increasing	4	0	No	0.098854903	0.00	0.823410288	Stable	25	0	No	0.198940097	0.00	0.999999876	Increasing	10	0	No	0.154393887	0.00	0.981328795	Increasing
PTX06-1052	639100.91	3753957.66	CR	9/12/2000	8/18/2021	44	0	No	0.748054329	0.00	1	Decreasing	4	0	No	0.382875374	0.00	0.944685701	Probably Decreasing	25	0	No	1.0302877	0.00	1	Decreasing	10	0	No	0.641556533	0.00	0.999976163	Decreasing
PTX06-1052	639100.91	3753957.66	CR-6	9/12/2000	8/18/2021	43	0	No	0.755485333	0.00	1	Decreasing	4	0	No	0.363934084	0.00	0.996856907	Decreasing	25	0	No	1.019754606	0.00	1	Decreasing	10	0	No	0.649084735	0.00	0.999999324	Decreasing
PTX06-1053	636576.74	3753672.06	RDX	9/12/2000	2/8/2021	14	29	No	2.756093396	0.00	0.999346918	Decreasing	4	0	No	0.047518713	0.00	1	Increasing	12	11	No	0.339541858	0.00	0.554903289	Stable	5	3	No	0.080557885	0.00	0.760590235	No Trend
PTX06-1053	636576.74	3753672.06	HMX	9/12/2000	2/8/2021	25	19	No	0.533019657	0.00	0.999981389	Increasing	4	0	No	0.3212232	0.00	0.915801865	Probably Decreasing	21	2	No	0.404187289	0.00	0.851946679	No Trend	8	0	No	0.439872063	0.00	0.999946511	Decreasing
PTX06-1053	636576.74	3753672.06	TNT	9/12/2000	2/8/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT24	9/12/2000	2/8/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT26	9/12/2000	2/8/2021	2	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNT2A	9/12/2000	2/8/2021	16	28	No	0.529644422	0.00	0.999930984	Increasing	4	0	No	0.200921808	0.00	0.709898146	Stable	16	7	No	0.529644422	0.00	0.999930984	Increasing	8	0	No	0.144350908	0.00	0.680879809	Stable
PTX06-1053	636576.74	3753672.06	DNT4A	9/12/2000	2/8/2021	39	5	No	1.493136243	0.00	0.998955628	Decreasing	4	0	No	0.3963847	0.00	0.883294195	No Trend	21	2	No	2.147526288	0.00	0.999986188	Decreasing	8	0	No	0.450389265	0.00	0.942364556	Probably Decreasing
PTX06-1053	636576.74	3753672.06	TNB135	9/12/2000	2/8/2021	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DNB13	9/12/2000	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DIOXANE14	7/26/2005	2/8/2021	1	27	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	PCE	9/12/2000	2/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	TCE	9/12/2000	2/8/2021	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DCE12C	5/9/2001	2/8/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	DCA12	9/12/2000	2/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	TCLME	9/12/2000	2/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1053	636576.74	3753672.06	PERC	9/12/2000	2/8/2021	6	36	No	0.54628159	0.00	0.998988785	Decreasing	4	0	No	0.702775864	0.00	0.841711237	Stable	2	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	B	9/12/2000	2/8/2021	43	0	No	0.112826594	0.00	0.999999972	Increasing	4	0	No	0.050856022	0.00	0.752309143	Stable	23	0	No	0.084903607	0.00	0.994255256	Increasing	8	0	No	0.063458655	0.00	0.77958907	No Trend
PTX06-1053	636576.74	3753672.06	CR	9/12/2000	2/8/2021	16	28	No	1.086232944	0.00	0.956892059	Increasing	4	0	No	1.132776763	0.00	0.63771839	No Trend	3	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1053	636576.74	3753672.06	CR-6	9/12/2000	2/8/2021	10	34	No	1.79632451	0.00	0.522800692	No Trend	4	0	No	0.375655121	0.00	0.857501551	Stable	9	15	No	1.71563055	0.00	0.741934331	No Trend	7	1	No	2.110166006	0.00	0.636986562	No Trend
PTX06-1069	646317.00	3762879.60	RDX	10/30/2001	7/28/2021	3	19	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	HMX	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	TNT	10/30/2001	7/28/2021	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DNT24	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DNT26	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DNT2A	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DNT4A	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	TNB135	10/30/2001	7/28/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DNB13	10/30/2001	7/28/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	PCE	10/30/2001	7/28/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	TCE	10/30/2001	7/28/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DCE12C	10/30/2001	7/28/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	DCA12	10/30/2001	7/28/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	TCLME	10/30/2001	7/28/2021	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	B	10/30/2001	7/28/2021	23	0	No	0.10822205	0.00	0.876421751	Stable	4	0	No	0.038373832	0.00	0.797276195	No Trend	7	0	No	0.037372007	0.00	1	Decreasing	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1069	646317.00	3762879.60	CR	10/30/2001	7/28/2021	21	2	No	0.562806118	0.00	1	Increasing	4	0	No	0.625081062	0.00	0.900929531	Probably Decreasing	5	2	No	0.615411219	0.00	0.726803096	Stable	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1069	646317.00	3762879.60	CR-6	10/30/2001	7/28/2021	8	12	No	0.94346103	0.00	1	Increasing	4	0	No	0.949865277	0.00	0.663377481	No Trend	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	RDX	8/20/2001	7/20/2021	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	HMX	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	TNT	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DNT24	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DNT26	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DNT2A	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DNT4A	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	TNB135	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DNB13	8/20/2001	7/20/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DIOXANE14	7/21/2011	7/20/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	PCE	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	TCE	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DCE12C	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	DCA12	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	TCLME	8/20/2001	7/20/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	B	8/20/2001	7/20/2021	11	0	No	0.089471204	0.00	1	Increasing	4	0	No	0.110010486	0.00	0.643261584	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	CR	8/20/2001	7/20/2021	8	3	No	0.606014584	0.00	0.945815669	Probably Decreasing	4	0	No	0.398640569	0.00	0.686683941	No Trend	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	CR-6	8/20/2001	7/20/2021	3	8	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	MN	8/20/2001	7/20/2021	11	0	No	2.457685459	0.00	0.573696767	No Trend	4	0	No	1.958911361	0.00	0.581789323	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	NI	8/20/2001	7/20/2021	10	1	No	0.819713204	0.00	0.598024373	Stable	4	0	No	1.097928783	0.00	0.531492115	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	AL	8/20/2001	7/20/2021	9	2	No	1.16731613	0.00	0.99214413	Decreasing	4	0	No	0.85448927	-0.01	0.93476711	Probably Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	AS	8/20/2001	7/20/2021	4	7	No	0.231625563	0.00	0.823138148	Stable	4	0	No	0.231625563	0.00	0.823138148	Stable	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	BA	8/20/2001	7/20/2021	11	0	No	0.09031294	0.00	1	Increasing	4	0	No	0.158630921	0.00	0.751108751	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	CA	7/13/2011	7/20/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	FE	8/20/2001	7/20/2021	10	1	No	1.190984177	0.00	0.949396928	Probably Decreasing	4	0	No	0.814654789	0.00	0.799807669	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1071	642605.58	3773227.97	K	7/13/2011	7/20/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	MG	8/20/2001	7/20/2021	11	0	No	0.127866545	0.00	0.953989074	Increasing	4	0	No	0.178647317	0.00	0.982765576	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	NA	7/13/2011	7/20/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1071	642605.58	3773227.97	V	8/20/2001	7/20/2021	11	0	No	0.214543555	0.00	0.991378212	Decreasing	4	0	No	0.218933424	0.00	0.677672037	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	RDX	2/20/2002	7/28/2021	12	6	No	0.437427977	0.00	0.999954798	Decreasing	4	0	No	0.201030295	0.00	0.71001126	No Trend	12	1	No	0.437427977	0.00	0.999954798	Decreasing	5	0	No	0.173724363	0.00	0.658932964	No Trend
PTX06-1077A	637201.80	3760689.50	HMX	2/20/2002	7/28/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TNT	2/20/2002	7/28/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT24	2/20/2002	7/28/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT26	2/20/2002	7/28/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT2A	2/20/2002	7/28/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNT4A	2/20/2002	7/28/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TNB135	2/20/2002	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DNB13	11/4/2002	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	DIOXANE14	11/4/2002	7/28/2021	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	PCE	2/20/2002	7/28/2021	6	13	No	0.246069525	0.00	0.714413096	Stable	4	0	No	0.302770184	0.00	0.943783968	Probably Decreasing	3	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	TCE	2/20/2002	7/28/2021	19	2	No	0.51567557	0.00	0.999838012	Decreasing	4	0	No	0.277051264	0.00	0.763382943	No Trend	11	1	No	0.539713599	0.00	0.994007537	Decreasing	4	0	No	0.277051264	0.00	1	Increasing
PTX06-1077A	637201.80	3760689.50	DCE12C	2/20/2002	7/28/2021	19	2	No	0.734145515	0.00	0.999976863	Decreasing	4	0	No	1.029899096	0.00	0.944285523	Probably Increasing	11	1	No	0.999990109	0.00	0.980081109	Decreasing	4	0	No	1.029899096	0.00	0.785906996	No Trend
PTX06-1077A	637201.80	3760689.50	DCA12	2/20/2002	7/28/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1077A	637201.80	3760689.50	TCLME	2/20/2002	7/28/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	PERC	2/20/2002	7/28/2021	13	7	No	0.216569307	0.00	0.981009539	Decreasing	4	0	No	0.373961018	0.00	0.98536424	Decreasing	8	5	No	0.244561174	0.00	0.895923861	Stable	4	1	No	0.373961018	0.00	0.95775845	Decreasing
PTX06-1077A	637201.80	3760689.50	B	2/20/2002	7/28/2021	15	0	No	0.120957945	0.00	0.995684067	Increasing	4	0	No	0.075117905	0.00	0.759261524	Stable	11	0	No	0.090723065	0.00	0.709157283	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	CR	2/20/2002	7/28/2021	7	1	No	1.081596916	0.00	1	Increasing	4	0	No	0.494374565	0.00	0.691996824	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)

PTX06-1077A	637201.80	3760689.50	CR-6	2/20/2002	7/28/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	NI	2/20/2002	7/28/2021	8	0	No	0.742482008	0.00	0.580015026	No Trend	4	0	No	0.263400203	0.00	0.905760375	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	AS	2/20/2002	7/28/2021	5	2	No	0.520284036	0.00	0.793793669	No Trend	4	0	No	0.130992879	0.00	0.810236318	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	BA	2/20/2002	7/28/2021	12	0	No	0.651162275	0.00	0.997688479	Decreasing	4	0	No	0.045867972	0.00	0.878491193	Stable	7	0	No	0.144703855	0.00	0.867334749	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1077A	637201.80	3760689.50	V	2/20/2002	7/28/2021	8	0	No	0.474744635	0.00	0.807563662	Stable	4	0	No	0.184679946	0.00	0.887804599	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	RDX	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	HMX	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	TNT	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DNT24	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DNT26	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DNT2A	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DNT4A	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	TNB135	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DNB13	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DIOXANE14	6/24/2003	7/20/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	PCE	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	TCE	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DCE12C	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	DCA12	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	TCLME	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	B	5/15/2003	7/20/2021	11	0	No	0.160485724	0.00	0.934685031	Probably Decreasing	4	0	No	0.076663496	0.00	0.876393571	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	CR	5/15/2003	7/20/2021	8	3	No	0.546713987	0.00	0.976481149	Increasing	4	0	No	0.562571292	0.00	0.984210166	Increasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	CR-6	5/15/2003	7/20/2021	3	8	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	MN	5/15/2003	7/20/2021	5	6	No	0.640642214	0.00	0.560693393	Stable	4	0	No	0.672570859	0.00	0.672266258	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	NI	5/15/2003	7/20/2021	7	3	No	0.36865935	0.00	1	Decreasing	4	0	No	0.36073998	0.00	0.839873724	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	AL	5/15/2003	7/20/2021	7	4	No	1.260764369	0.00	0.962134328	Increasing	4	0	No	1.371349856	0.01	0.992610362	Increasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1082	653856.27	3780321.59	AS	5/15/2003	7/20/2021	4	7	No	0.329819527	0.00	0.859749747	Stable	4	0	No	0.329819527	0.00	0.859749747	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	BA	5/15/2003	7/20/2021	11	0	No	0.091464981	0.00	0.998082002	Increasing	4	0	No	0.036882577	0.00	0.98485072	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	CA	11/2/2005	7/20/2021	4	0	No	0.031049038	0.00	1	Increasing	4	0	No	0.031049038	0.00	1	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	FE	5/15/2003	7/20/2021	8	3	No	0.873088764	0.00	0.896444005	No Trend	4	0	No	0.526498136	0.00	0.95215374	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	K	11/2/2005	7/20/2021	6	0	No	0.046397303	0.00	1	Decreasing	4	0	No	0.059011148	0.00	0.850858182	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	MG	5/15/2003	7/20/2021	11	0	No	0.063622398	0.00	0.984358159	Increasing	4	0	No	0.074695526	0.00	0.948706069	Probably Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	NA	11/2/2005	7/20/2021	6	0	No	0.144137035	0.00	0.83703402	Stable	4	0	No	0.073865586	0.00	0.720020793	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1082	653856.27	3780321.59	V	5/15/2003	7/20/2021	8	0	No	0.139379097	0.00	0.884628564	No Trend	4	0	No	0.049782694	0.00	0.589235111	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	RDX	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	HMX	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	TNT	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DNT24	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DNT26	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DNT2A	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DNT4A	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	TNB135	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DNB13	5/15/2003	7/20/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DIOXANE14	6/24/2003	7/20/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	PCE	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	TCE	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DCE12C	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	DCA12	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	TCLME	5/15/2003	7/20/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	B	5/15/2003	7/20/2021	11	0	No	0.120534594	0.00	1	Decreasing	4	0	No	0.113241588	0.00	0.764342181	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	CR	5/15/2003	7/20/2021	5	6	No	0.401333852	0.00	0.569700838	Stable	4	0	No	0.318105802	0.00	0.604117785	No Trend	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	CR-6	5/15/2003	7/20/2021	4	7	No	0.445166249	0.00	0.989487506	Increasing	4	0	No	0.445166249	0.00	0.989487506	Increasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	MN	5/15/2003	7/20/2021	7	4	No	0.504383519	0.00	0.707748538	No Trend	4	0	No	0.593419594	0.00	0.896699416	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	NI	5/15/2003	7/20/2021	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	AL	5/15/2003	7/20/2021	9	2	No	0.788972854	0.00	0.611115011	Stable	4	0	No	1.137550953	0.01	0.976712756	Increasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	AS	5/15/2003	7/20/2021	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	BA	5/15/2003	7/20/2021	11	0	No	0.12339252	0.00	0.999244903	Decreasing	4	0	No	0.143333716	0.00	0.831847862	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	CA	11/2/2005	7/20/2021	4	0	No	0.048716772	0.00	0.845956081	No Trend	4	0	No	0.048716772	0.00	0.845956081	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	FE	5/15/2003	7/20/2021	8	3	No	0.963709771	0.00	0.778025739	No Trend	4	0	No	0.522422096	0.00	0.996775013	Decreasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1083	658643.46	3779777.76	K	11/2/2005	7/20/2021	6	0	No	0.050755227	0.00	0.904583714	Probably Decreasing	4	0	No	0.049656104	0.00	0.857115249	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	MG	5/15/2003	7/20/2021	11	0	No	0.116554644	0.00	0.869223716	Stable	4	0	No	0.080788117	0.00	0.580422426	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	NA	11/2/2005	7/20/2021	6	0	No	0.091646962	0.00	0.978579411	Increasing	4	0	No	0.107246451	0.00	0.99192174	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1083	658643.46	3779777.76	V	5/15/2003	7/20/2021	8	0	No	0.156599281	0.00	1	Increasing	4	0	No	0.079636244	0.00	0.675738256	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	RDX	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	HMX	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	TNT	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DNT24	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DNT26	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DNT2A	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DNT4A	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	TNB135	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DNB13	5/27/2003	7/28/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DIOXANE14	5/27/2003	7/28/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	PCE	5/27/2003	7/28/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	TCE	5/27/2003	7/28/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DCE12C	5/27/2003	7/28/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	DCA12	5/27/2003	7/28/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	TCLME	5/27/2003	7/28/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1085	629059.82	3760418.31	B	5/27/2003	7/28/2021	16	0	No	0.122804496	0.00	0.999744117	Decreasing	4	0	No	0.07163107	0.00	0.818951622	Stable	12	0	No	0.129347962	0.00	0.998524299	Decreasing	4	0	No	0.07163107	0.00	0.789366666	Stable
PTX06-1085	629059.82	3760418.31	CR	5/27/2003	7/28/2021	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	CR-6	5/27/2003	7/28/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	MN	5/27/2003	7/28/2021	6	4	No	1.308412713	0.00	0.989435873	Decreasing	4	0	No	0.987283423	0.00	0.659811755	Stable	3	3	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	NI	5/27/2003	7/28/2021	4	3	No	0.246630117	0.00	0.98975226	Decreasing	4	0	No	0.246630117	0.00	0.98975226	Decreasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	AL	5/27/2003	7/28/2021	6	4	No	1.664368134	0.00	0.914844225	Probably Decreasing	4	0	No	1.028644209	-0.01	0.812507748	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	AS	5/27/2003	7/28/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	BA	5/27/2003	7/28/2021	11	0	No	0.094963607	0.00	0.991453024	Decreasing	4	0	No	0.074187516	0.00	0.938914447	Probably Decreasing	7	0	No	0.102813904	0.00	0.908947387	Probably Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	CA	4/26/2010	7/28/2021	6	0	No	0.089745844	0.00	0.928087341	Probably Decreasing	4	0	No	0.114870169	0.00	0.936262208	Probably Decreasing	6	0	No	0.089745844	0.00	0.928087341	Probably Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	FE	5/27/2003	7/28/2021	8	2	No	1.34756039	0.00	0.551239188	No Trend	4	0	No	0.28332587	0.00	0.543356753	No Trend	4	2	No	0.28332587	0.00	0.517754298	Stable	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1085	629059.82	3760418.31	K	4/26/2010	7/28/2021	6	0	No	0.065555812	0.00	0.776319664	Stable	4	0	No	0.083541231	0.00	0.871436094	Stable	6	0	No	0.065555812	0.00	0.776319664	Stable	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	MG	5/27/2003	7/28/2021	10	0	No	0.106739908	0.00	0.853821341	Stable	4	0	No	0.07036984	0.00	0.626066418	Stable	6	0	No	0.080850508	0.00	0.936145803	Probably Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	NA	4/26/2010	7/28/2021	6	0	No	0.093225779	0.00	0.998952193	Decreasing	4	0	No	0.061479069	0.00	0.935729256	Probably Decreasing	6	0	No	0.093225779	0.00	0.998952193	Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1085	629059.82	3760418.31	V	5/27/2003	7/28/2021	7	0	No	0.131308681	0.00	1	Increasing	4	0	No	0.086148082	0.00	0.834913885	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	RDX	5/27/2003	8/4/2021	1	19	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	HMX	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	TNT	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DNT24	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DNT26	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DNT2A	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DNT4A	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	TNB135	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DNB13	5/27/2003	8/4/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DIOXANE14	5/27/2003	8/4/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	PCE	5/27/2003	8/4/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	TCE	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DCE12C	5/27/2003	8/4/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	DCA12	5/27/2003	8/4/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	TCLME	5/27/2003	8/4/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1086	631411.81	3759843.32	B	5/27/2003	8/4/2021	20	0	No	0.128767835	0.00	0.99229254	Decreasing	4	0	No	0.051354066	0.00	0.800861773	Stable	12	0	No	0.143144269	0.00	0.998889797	Decreasing	4	0	No	0.051354066	0.00	0.754977039	Stable
PTX06-1086	631411.81	3759843.32	CR	5/27/2003	8/4/2021	7	4	No	0.581088283	0.00	0.981642091	Decreasing	4	0	No	0.171971983	0.00	0.912847163	Probably Decreasing	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	CR-6	5/27/2003	8/4/2021	7	4	No	1.087234207	0.00	0.978805844	Decreasing	4	0	No	1.774773595	-0.01	0.955415163	Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	MN	5/27/2003	8/4/2021	12	2	No	1.365915442	0.00	0.982390495	Decreasing	4	0	No	0.140484871	0.00	0.954106495	Decreasing	4	2	No	0.140484871	0.00	0.947213285	Probably Decreasing	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	NI	5/27/2003	8/4/2021	7	4	No	0.801726005	0.00	0.701319226	Stable	4	0	No	0.195561158	0.00	0.877145001	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	AL	5/27/2003	8/4/2021	8	6	No	1.264902031	0.00	0.951897612	Decreasing	4	0	No	0.412489806	0.00	0.847638661	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	AS	5/27/2003	8/4/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	BA	5/27/2003	8/4/2021	15	0	No	0.087079226	0.00	1	Increasing	4	0	No	0.111002778	0.00	0.96414804	Increasing	7	0	No	0.110331113	0.00	0.897645448	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	CA	4/26/2010	8/4/2021	6	0	No	0.041698602	0.00	1	Decreasing	4	0	No	0.045531241	0.00	0.674707773	Stable	6	0	No	0.041698602	0.00	1	Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	FE	5/27/2003	8/4/2021	12	2	No	0.842591963	0.00	0.642081559	Stable	4	0	No	0.328017273	0.00	0.655764648	Stable	4	2	No	0.328017273	0.00	0.703609762	Stable	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1086	631411.81	3759843.32	K	5/2/2006	8/4/2021	8	0	No	0.055544997	0.00	0.906379668	Probably Decreasing	4	0	No	0.080089796	0.00	0.811130524	Stable	6	0	No	0.063690374	0.00	0.852929403	Stable	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	MG	5/27/2003	8/4/2021	14	0	No	0.066664201	0.00	1	Decreasing	4	0	No	0.054910276	0.00	0.87807937	No Trend	6	0	No	0.078735465	0.00	0.802086833	Stable	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	NA	5/2/2006	8/4/2021	8	0	No	0.09450524	0.00	0.968736078	Decreasing	4	0	No	0.095838841	0.00	0.977886299	Decreasing	6	0	No	0.11130882	0.00	0.999440108	Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1086	631411.81	3759843.32	V	5/27/2003	8/4/2021	9	0	No	0.176610414	0.00	0.749117006	Stable	4	0	No	0.085833015	0.00	0.817234102	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	RDX	6/11/2003	11/9/2021	36	0	No	1.008998202	0.00	0.999999999	Decreasing	4	0	No	0.761975072	-0.01	0.995104414	Decreasing	25	0	No	1.147083543	0.00	0.997206885	Decreasing	10	0	No	1.211282736	0.00	0.966396396	Increasing
PTX06-1088	639902.10	3757059.42	HMX	6/11/2003	11/9/2021	36	0	No	1.464929237	0.00	1	Decreasing	4	0	No	0.412045818	0.00	0.94965102	Probably Decreasing	25	0	No	1.355430473	0.00	0.999998828	Decreasing	10	0	No	0.3585293	0.00	0.852238854	No Trend
PTX06-1088	639902.10	3757059.42	TNT	6/11/2003	11/9/2021	36	0	No	1.612087334	0.00	1	Decreasing	4	0	No	0.141077286	0.00	0.653663268	No Trend	25	0	No	0.750398058	0.00	1	Decreasing	10	0	No	0.350126977	0.00	0.998862947	Decreasing
PTX06-1088	639902.10	3757059.42	DNT24	6/11/2003	11/9/2021	29	7	No	0.953195779	0.00	1	Decreasing	4	0	No	0.207106242	0.00	0.655280958	No Trend	24	1	No	1.094565688	0.00	1	Decreasing	9	1	No	0.33005429	0.00	0.995155327	Decreasing
PTX06-1088	639902.10	3757059.42	DNT26	6/11/2003	11/9/2021	8	28	No	0.764525677	0.00	0.919677108	Probably Decreasing	4	0	No	0.564035715	0.00	0.971103236	Decreasing	8	17	No	0.764525677	0.00	0.919677108	Probably Decreasing	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	DNT2A	6/11/2003	11/9/2021	33	2	No	0.932628946	0.00	0.999999999	Decreasing	4	0	No	0.351471093	0.00	0.833506426	Stable	25	0	No	1.238719851	0.00	0.999993292	Decreasing	10	0	No	0.474173476	0.00	0.926837662	Probably Increasing
PTX06-1088	639902.10	3757059.42	DNT4A	6/11/2003	11/9/2021	33	2	No	0.930419387	0.00	0.999998992	Decreasing	4	0	No	0.227118302	0.00	0.928146563	Probably Decreasing	25	0	No	0.790492217	0.00	0.999269947	Decreasing	10	0	No	0.402710769	0.00	0.989633602	Increasing
PTX06-1088	639902.10	3757059.42	TNB135	6/11/2003	11/9/2021	36	0	No	0.837593163	0.00	1	Decreasing	4	0	No	0.386777558	0.00	0.971497541	Decreasing	25	0	No	0.946444844	0.00	1	Decreasing	10	0	No	0.379302724	0.00	0.986187426	Decreasing
PTX06-1088	639902.10	3757059.42	DNB13	6/11/2003	11/9/2021	2	32	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	DIOXANE14	7/30/2003	5/12/2021	4	8	No	0.158894113	0.00	0.565649492	Stable	4	0	No	0.158894113	0.00	0.565649492	Stable	4	3	No	0.158894113	0.00	0.565649492	Stable	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)

PTX06-1088	639902.10	3757059.42	PCE	6/11/2003	11/9/2021	35	0	No	0.52335692	0.00	0.9996602	Increasing	4	0	No	0.371198164	0.00	0.771373384	No Trend	25	0	No	0.42269516	0.00	0.641303945	No Trend	10	0	No	0.417084813	0.00	0.996780642	Decreasing
PTX06-1088	639902.10	3757059.42	TCE	6/11/2003	11/9/2021	35	0	No	1.436078618	0.00	1	Decreasing	4	0	No	0.42175209	0.00	0.538272219	No Trend	25	0	No	0.386904633	0.00	0.999977328	Decreasing	10	0	No	0.384041916	0.00	0.595324591	Stable
PTX06-1088	639902.10	3757059.42	DCE12C	6/11/2003	11/9/2021	0	35	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1088	639902.10	3757059.42	DCA12	6/11/2003	11/9/2021	26	8	No	0.419911114	0.00	0.997947677	Increasing	4	0	No	0.20505018	0.00	0.727683848	No Trend	20	5	No	0.377289376	0.00	0.934425677	Probably Increasing	9	1	No	0.206593574	0.00	0.714430539	Stable
PTX06-1088	639902.10	3757059.42	TCLME	6/11/2003	11/9/2021	34	0	No	0.717962604	0.00	0.997029033	Increasing	4	0	No	0.399270219	0.00	0.830918072	Stable	25	0	No	0.729915883	0.00	0.999462146	Increasing	10	0	No	0.51538472	0.00	0.971126719	Increasing
PTX06-1088	639902.10	3757059.42	B	6/11/2003	11/9/2021	33	0	No	0.319323781	0.00	0.999999945	Decreasing	4	0	No	0.138245035	0.00	0.870351509	Stable	25	0	No	0.197022959	0.00	0.917661788	Probably Decreasing	10	0	No	0.103392949	0.00	0.82005116	No Trend
PTX06-1088	639902.10	3757059.42	CR	6/11/2003	11/9/2021	35	0	No	1.413536312	0.00	0.999997819	Decreasing	4	0	No	0.437716124	0.00	0.613991716	No Trend	25	0	No	0.878701203	0.00	0.787238937	Stable	10	0	No	0.698248093	0.00	0.999346823	Increasing
PTX06-1088	639902.10	3757059.42	CR-6	6/11/2003	11/9/2021	32	1	No	1.37644748	0.00	0.999998208	Decreasing	4	0	No	0.46291174	0.00	0.61375641	No Trend	23	1	No	0.844857722	0.00	0.89331212	Stable	10	0	No	0.673820942	0.00	0.99867465	Increasing
PTX06-1088	639902.10	3757059.42	NI	6/11/2003	5/12/2021	9	5	No	0.408425901	0.00	0.938257759	Probably Increasing	4	0	No	0.444993942	0.00	0.78143579	No Trend	4	0	No	0.444993942	0.00	0.79107116	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	AS	6/11/2003	5/12/2021	6	5	No	0.549516601	0.00	0.627114906	No Trend	4	0	No	0.59246092	0.00	0.566954142	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	BA	6/11/2003	5/12/2021	19	0	No	0.153358751	0.00	1	Decreasing	4	0	No	0.202162324	0.00	0.992108345	Increasing	9	0	No	0.213889934	0.00	1	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1088	639902.10	3757059.42	V	6/11/2003	5/12/2021	14	0	No	0.144491038	0.00	0.885141833	No Trend	4	0	No	0.098316099	0.00	0.983817615	Decreasing	6	0	No	0.165743156	0.00	1	Decreasing	4	0	No	0.098316099	0.00	0.959589627	Decreasing
PTX06-1095A	640634.87	3755598.65	RDX	5/9/2005	11/3/2021	32	8	No	1.510511908	0.00	0.973090065	Increasing	4	0	No	0.277557987	0.00	0.870062506	Stable	25	0	No	1.263707954	0.00	0.960679415	Decreasing	10	0	No	1.864386281	0.00	0.999955001	Decreasing
PTX06-1095A	640634.87	3755598.65	HMX	5/9/2005	11/3/2021	31	9	No	1.347529413	0.00	0.994445507	Increasing	4	0	No	0.250403038	0.00	0.780835143	Stable	25	0	No	1.140266949	0.00	0.565135705	No Trend	10	0	No	1.619968398	0.00	0.999998349	Decreasing
PTX06-1095A	640634.87	3755598.65	TNT	5/9/2005	11/3/2021	26	14	No	0.297717409	0.00	0.974018858	Increasing	4	0	No	0.111809857	0.00	0.582700916	Stable	25	0	No	0.299442499	0.00	0.996762781	Increasing	10	0	No	0.145127885	0.00	0.656416149	Stable
PTX06-1095A	640634.87	3755598.65	DNT24	5/9/2005	11/3/2021	2	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1095A	640634.87	3755598.65	DNT26	5/9/2005	11/3/2021	9	31	No	0.510856772	0.00	0.895464127	No Trend	4	0	No	0.327735454	0.00	0.770571859	Stable	9	16	No	0.510856772	0.00	0.895464127	No Trend	4	6	No	0.327735454	0.00	0.806252207	Stable
PTX06-1095A	640634.87	3755598.65	DNT2A	5/9/2005	11/3/2021	25	15	No	1.084320572	0.00	0.929583433	Probably Increasing	4	0	No	0.252148105	0.00	0.591981302	Stable	24	1	No	1.064672534	0.00	0.907115197	Probably Increasing	10	0	No	1.021979465	0.00	0.999995302	Decreasing
PTX06-1095A	640634.87	3755598.65	DNT4A	5/9/2005	11/3/2021	26	14	No	0.873346531	0.00	0.887912784	Stable	4	0	No	0.089322411	0.00	0.863768786	No Trend	25	0	No	0.8444548	0.00	0.984336253	Decreasing	10	0	No	0.831348268	0.00	0.99944638	Decreasing
PTX06-1095A	640634.87	3755598.65	TNB135	5/9/2005	11/3/2021	32	8	No	0.903745902	0.00	0.999990924	Increasing	4	0	No	0.085112176	0.00	0.926920392	Probably Decreasing	25	0	No	0.725823351	0.00	0.999500404	Increasing	10	0	No	0.298027576	0.00	0.764502865	Stable
PTX06-1095A	640634.87	3755598.65	DNB13	5/9/2005	11/3/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1095A	640634.87	3755598.65	DIOXANE14	9/13/2005	5/10/2021	5	6	No	0.932363309	0.00	0.950893211	Decreasing	4	0	No	1.171823398	0.00	0.683927686	No Trend	5	1	No	0.932363309	0.00	0.950893211	Decreasing	4	1	No	1.171823398	0.00	0.867445566	No Trend
PTX06-1095A	640634.87	3755598.65	PCE	5/9/2005	11/3/2021	19	15	No	0.686652696	0.00	0.821584314	No Trend	4	0	No	0.184972636	0.00	0.978748443	Decreasing	19	6	No	0.686652696	0.00	0.821584314	No Trend	10	0	No	0.788075946	0.00	0.999915518	Decreasing
PTX06-1095A	640634.87	3755598.65	TCE	5/9/2005	11/3/2021	28	11	No	0.979711957	0.00	0.986447449	Increasing	4	0	No	0.309140387	0.00	0.945519927	Probably Decreasing	25	0	No	0.925929249	0.00	0.937355954	Probably Increasing	10	0	No	0.485443635	0.00	0.999963341	Decreasing
PTX06-1095A	640634.87	3755598.65	DCE12C	5/9/2005	11/3/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1095A	640634.87	3755598.65	DCA12	5/9/2005	11/3/2021	21	11	No	1.695722737	0.00	0.999653354	Increasing	4	0	No	0.253958007	0.00	0.657953827	No Trend	21	4	No	1.695722737	0.00	0.999653354	Increasing	10	0	No	1.153453648	0.00	0.999995141	Increasing
PTX06-1095A	640634.87	3755598.65	TCLME	5/9/2005	11/3/2021	19	13	No	1.523321084	0.00	0.999999748	Increasing	4	0	No	0.189428421	0.00	0.956706072	Decreasing	19	6	No	1.523321084	0.00	0.999999748	Increasing	10	0	No	0.952119687	0.00	0.999986127	Increasing
PTX06-1095A	640634.87	3755598.65	B	5/9/2005	11/3/2021	38	0	No	0.415681576	0.00	0.999998503	Decreasing	4	0	No	0.033842738	0.00	0.586002556	Stable	25	0	No	0.489571464	0.00	0.999996448	Decreasing	10	0	No	0.338291223	0.00	0.999657628	Decreasing
PTX06-1095A	640634.87	3755598.65	CR	5/9/2005	11/3/2021	25	13	No	1.253628256	0.00	0.994321722	Increasing	4	0	No	0.497958412	0.00	0.704448375	No Trend	21	4	No	1.10617753	0.00	0.587501687	No Trend	10	0	No	0.441127293	0.00	0.808312112	No Trend
PTX06-1095A	640634.87	3755598.65	CR-6	9/13/2005	11/3/2021	19	18	No	1.526146352	0.00	0.617836119	No Trend	4	0	No	0.102409572	0.00	0.553388037	Stable	19	6	No	1.526146352	0.00	0.617836119	No Trend	10	0	No	0.258776694	0.00	0.850185934	No Trend
PTX06-1095A	640634.87	3755598.65	MN	5/9/2005	11/3/2021	37	0	No	0.943333927	0.00	0.99730811	Decreasing	4	0	No	1.299707407	0.01	0.852884984	No Trend	25	0	No	1.02997977	0.00	0.999619998	Decreasing	10	0	No	1.410126384	0.00	0.72080577	No Trend
PTX06-1095A	640634.87	3755598.65	NI	5/9/2005	11/3/2021	35	2	No	1.938466005	0.00	0.998575386	Increasing	4	0	No	1.122316806	0.00	0.852533675	No Trend	25	0	No	1.605246372	0.00	0.540411492	No Trend	10	0	No	0.904425338	0.00	0.572823796	Stable
PTX06-1095A	640634.87	3755598.65	MO	5/9/2005	11/3/2021	36	0	No	1.177898284	0.00	0.897971617	No Trend	4	0	No	0.067386095	0.00	0.776444964	No Trend	25	0	No	0.209286001	0.00	0.999999998	Increasing	10	0	No	0.088767371	0.00	0.999226268	Increasing
PTX06-1095A	640634.87	3755598.65	FE	5/9/2005	11/3/2021	36	1	No	1.497779526	0.00	0.954537409	Increasing	4	0	No	1.104559912	0.01	0.989986013	Increasing	24	1	No	1.290325026	0.00	0.897042637	No Trend	9	1	No	1.010233043	0.00	0.538445142	No Trend
PTX06-1095A	640634.87	3755598.65	V	5/9/2005	11/3/2021	25	5	No	0.31169861	0.00	0.74737398	No Trend	4	0	No	0.14427163	0.00	0.578292232	Stable	24	1	No	0.313967867	0.00	0.702962113	No Trend	10	0	No	0.268504596	0.00	0.971600841	Increasing
PTX06-1120	643152.43	3752735.03	RDX	10/13/2010	10/26/2021	17	0	No	0.339019732	0.00	0.999823302	Decreasing	4	0	No	0.669029712	0.00	0.970867661	Decreasing	17	0	No	0.339019732	0.00	0.999823302	Decreasing	4	0	No	0.669029712	0.00	0.993463499	Decreasing
PTX06-1120	643152.43	3752735.03	HMX	10/13/2010	10/26/2021	17	0	No	0.362520721	0.00	0.999434549	Decreasing	4	0	No	0.696326136	0.00	0.959816077	Decreasing	17	0	No	0.362520721	0.00	0.999434549	Decreasing	4	0	No	0.696326136	0.00	0.985958657	Decreasing
PTX06-1120	643152.43	3752735.03	TNT	10/13/2010	10/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DNT24	10/13/2010	10/26/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DNT26	10/13/2010	10/26/2021	9	8	No	0.251489075	0.00	0.875869717	Stable	4	0	No	0.32226873	0.00	0.922252458	Probably Decreasing	9	8	No	0.251489075	0.00	0.875869717	Stable	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DNT2A	10/13/2010	10/26/2021	17	0	No	0.343539642	0.00	0.996794451	Decreasing	4	0	No	0.211943204	0.00	0.933505373	Probably Decreasing	17	0	No	0.343539642	0.00	0.996794451	Decreasing	4	0	No	0.211943204	0.00	0.971273695	Decreasing
PTX06-1120	643152.43	3752735.03	DNT4A	10/13/2010	10/26/2021	17	0	No	0.458246073	0.00	0.682868405	Stable	4	0	No	0.721159368	0.00	0.993050417	Decreasing	17	0	No	0.458246073	0.00	0.682868405	Stable	4	0	No	0.721159368	0.00	0.998200566	Decreasing
PTX06-1120	643152.43	3752735.03	TNB135	10/13/2010	10/26/2021	8	9	No	1.571613519	0.00	0.52294163	No Trend	4	0	No	1.442136604	0.00	0.885182229	No Trend	8	9	No	1.571613519	0.00	0.52294163	No Trend	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DNB13	10/13/2010	10/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	PCE	10/13/2010	10/26/2021	4	13	No	0.168193856	0.00	0.817915723	Stable	4	0	No	0.168193856	0.00	0.817915723	Stable	4	13	No	0.168193856	0.00	0.817915723	Stable	0	4	No	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	TCE	10/13/2010	10/26/2021	14	3	No	0.359322252	0.00	0.999999994	Decreasing	4	0	No	0.041911644	0.00	0.966395601	Decreasing	14	3	No	0.359322252	0.00	0.999999994	Decreasing	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	DCE12C	10/13/2010	10/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1120	643152.43	3752735.03	DCA12	10/13/2010	10/26/2021	15	2	No	0.198055369	0.00	0.964506512	Decreasing	4	0	No	0.371080945	0.00	0.847813028	Stable	15	2	No	0.198055369	0.00	0.964506512	Decreasing	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	TCLME	10/13/2010	10/26/2021	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1120	643152.43	3752735.03	B	10/13/2010	10/26/2021	17	0	No	0.26835768	0.00	0.99992769	Decreasing	4	0	No	0.562862483	0.00	0.995058406	Decreasing	17	0	No	0.26835768	0.00	0.99992769	Decreasing	4	0	No	0.562862483	0.00	0.997166546	Decreasing
PTX06-1120	643152.43	3752735.03	CR	10/13/2010	10/26/2021	17	0	No	1.281572505	0.00	0.999983649	Increasing	4	0	No	0.730708258	0.00	0.537936403	No Trend	17	0	No	1.281572505	0.00	0.999983649	Increasing	4	0	No	0.730708258	0.00	0.61941608	No Trend
PTX06-1120	643152.43	3752735.03	CR-6	10/13/2010	10/26/2021	14	3	No	0.879714638	0.00	0.976921939	Decreasing	4	0	No	1.275508261	0.00	0.935944795	Probably Decreasing	14	3	No	0.879714638	0.00	0.976921939	Decreasing	4	0	No	1.275508261	0.00	0.985376058	Decreasing
PTX06-1120	643152.43	3752735.03	MN	10/13/2010	10/26/2021	17	0	No	0.939921777	0.00	0.983379363	Increasing	4	0	No	0.869707517	0.00	0.680800287	Stable	17	0	No	0.939921777	0.00	0.983379363	Increasing	4	0	No	0.869707517	0.00	0.60320297	Stable
PTX06-1120	643152.43	3752735.03	NI	10/13/2010	10/26/2021	17	0	No	1.644528732	0.00	0.93562935	Probably Increasing	4	0	No	0.651621001	0.00	0.937322899	Probably Increasing	17	0	No	1.644528732	0.00	0.93562935	Probably Increasing	4	0	No	0.651621001	0.00	0.975597646	Increasing
PTX06-1120	643152.43	3752735.03	MO	10/13/2010	10/26/2021	17	0	No	0.757598293	0.00	0.998827253	Increasing	4	0	No	0.604978565	0.00	0.527627988	No Trend	17	0	No	0.757598293	0.00	0.998827253	Increasing	4	0	No	0.604978565	0.00	0.619255328	No Trend
PTX06-1120	643152.43	3752735.03	FE	10/13/2010	10/26/2021	17	0	No	0.652901554	0.00	0.992310629	Increasing	4	0	No	0.632755702	0.00	0.576478123	Stable	17	0	No	0.652901554	0.00	0.992310629	Increasing	4	0	No	0.632755702	0.00	0.517006479	Stable
PTX06-1120	643152.43	3752735.03	V	10/13/2010	10/26/2021	17	0	No	0.233308616	0.00	0.956230018	Increasing	4	0	No	0.212686031	0.00	0.546262947	No Trend	17	0	No	0.233308616	0.00	0.956230018	Increasing	4	0	No	0.212686031	0.00	0.593023949	No Trend
PTX06-1126	635034.72	3755562.85	RDX	2/7/2008	11/10/2021	27	6	No	2.395423254	0.00	0.999999698	Increasing	4	0	No	0.088782487	0.00	0.702133749	Stable	26	0	No	2.346102299	0.00	0.999999763	Increasing	10	0	No	1.279705	0.00	0.943138753	Probably Decreasing
PTX06-1126	635034.72	3755562.85	HMX	2/7/2008	11/10/2021	13	20	No	0.746393029	0.00	0.999671745	Increasing	4	0	No	0.398144831	0.00	0.959925798	Increasing	13	13	Yes	0.746393029	0.00	0.999671745	Increasing	10	0	No	0.573933711	0.00	0.996391182	Increasing
PTX06-1126	635034.72	3755562.85	TNT	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT24	2/7/2008	11/10/2021	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT26	2/7/2008	11/10/2021	3	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1126	635034.72	3755562.85	DNT2A	2/7/2008	11/10/2021	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNT4A	2/7/2008	11/10/2021	31	2	No	0.994777962	0.00	0.607691572	Stable	4	0	No	0.202523264	0.00	0.966754027	Decreasing	24	2	No	0.881615691	0.00	0.987861275	Decreasing	10	0	No	1.404894992	0.00	0.999953891	Decreasing
PTX06-1126	635034.72	3755562.85	TNB135	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DNB13	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1126	635034.72	3755562.85	DIOXANE14	2/14/2008	11/10/2021	32	0	No	0.968330228	0.00	0.994558599	Decreasing	4	0	No	0.09431979	0.00	0.687929248	Stable	26	0	No	0.935114526	0.00	0.9999991	Decreasing	10	0	No	0.692672001	0.00	0.999996541	Decreasing
PTX06-1126	635034.72	3755562.85	PCE	2/7/2008	11/10/2021	31	2	No	1.237626418	0.00	1	Increasing	4	0	No	0.489958589	0.00	0.754445273	Stable	26	0	No	1.092922629	0.00	0.99999601	Increasing	10	0	No	0.70267149	0.00	0.871783277	Stable
PTX06-1126	635034.72	3755562.85	TCE	2/7/2008	11/10/2021	33	0	No	0.839199111	0.00	0.792016451	No Trend	4	0	No	0.380387549	0.00	0.937680103	Probably Decreasing	26	0	No	0.830330105	0.00	0.610509208	Stable	10	0	No	0.926353824	0.00	0.959539068	Decreasing
PTX06-1126	635034.72	3755562.85	DCE12C	2/7/2008	11/10/2021	33	0	No	0.65615513	0.00	1	Decreasing	4	0	No	0.465686386	0.00	0.770453862	Stable	26	0	No	0.769822485	0.00	1	Decreasing	10	0	No	0.680190778	0.00	0.996543449	Decreasing
PTX06-1126	635034.72	3755562.85	DCA12	2/7/2008	11/10/2021	32	1	No	0.633702987	0.00	0.738742999	No Trend	4	0	No	0.595811369	0.00	0.64018624	Stable	25	1	No	0.49224727	0.00	0.99741845	Decreasing	9	1	No	0.668553016	0.00	0.988754935	Decreasing
PTX06-1126	635034.72	3755562.85	TCLME	2/7/2008	11/10/2021	33	0	No	1.508459194	0.00	0.999999513	Increasing	4	0	No	0.597412991	0.00	0.640254907	Stable	26	0	No	1.301932823	0.00	0.986520661	Increasing	10	0	No	1.344084661	0.00	0.905628679	Probably Decreasing
PTX06-1126	635034.72	3755562.85	PERC	2/7/2008	11/10/2021	33	0	No	0.964561225	0.00	1	Decreasing	4	0	No	0.067928653	0.00	0.811777407	No Trend	26	0	No	0.856784054	0.00	1	Decreasing	10	0	No	1.353589251	0.00	0.999947482	Decreasing
PTX06-1126	635034.72	3755562.85	B	9/8/2009	11/10/2021	26	0	No	0.093466777	0.00	0.999540427	Increasing	4	0	No	0.091997509	0.00	0.896121771	Stable	26	0	No	0.093466777	0.00	0.999540427	Increasing	10	0	No	0.092096654	0.00	0.910145712	Probably Increasing
PTX06-1126	635034.72	3755562.85	CR	2/7/2008	11/10/2021	21	1	No	1.597168349	0.00	0.807929494	No Trend	4	0	No	0.378925883	0.00	0.934408228	Probably Increasing	17	1	No	0.748594449	0.00	0.886863555	No Trend	10	0	No	0.48652663	0.00	0.964334967	Increasing
PTX06-1126	635034.72	3755562.85	CR-6	2/7/2008	11/10/2021	16	3	No	0.582310847	0.00	0.948323108	Probably Increasing	4	0	No	0.332808112	0.00	0.647539007	No Trend	15	3	No	0.586516715	0.00	0.981429818	Increasing	10	0	No	0.613158624	0.00	0.993477088	Increasing
PTX06-1127	635901.90	3755432.03	RDX	2/7/2008	11/10/2021	21	11	No	1.341725702	0.00	1	Increasing	4	0	No	0.429204773	0.00	0.973256207	Increasing	21	4	No	1.341725702	0.00	1	Increasing	10	0	No	0.59830575	0.00	0.99581403	Increasing
PTX06-1127	635901.90	3755432.03	HMX	2/7/2008	11/10/2021	16	16	No	0.817207628	0.00	0.999999558	Increasing	4	0	No	0.234354699	0.00	0.81238231	Stable	16	9	No	0.817207628	0.00	0.999999558	Increasing	10	0	No	0.335695048	0.00	0.978457164	Increasing
PTX06-1127	635901.90	3755432.03	TNT	2/7/2008	11/10/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT24	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT26	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT2A	2/7/2008	11/10/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNT4A	2/7/2008	11/10/2021	29	2	No	0.581558647	0.00	0.999999818	Increasing	4	0	No	0.097750816	0.00	0.820082914	Stable	23	2	No	0.288765074	0.00	0.993567855	Increasing	10	0	No	0.081527125	0.00	0.733400667	Stable
PTX06-1127	635901.90	3755432.03	TNB135	2/7/2008	11/10/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DNB13	2/7/2008	11/10/2021	0	31	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1127	635901.90	3755432.03	DIOXANE14	2/14/2008	11/10/2021	31	0	No	0.636859656	0.00	0.935105431	Probably Increasing	4	0	No	0.187804961	0.00	0.882533928	Stable	25	0	No	0.522739085	0.00	0.990032654	Decreasing	10	0	No	0.55770495	0.00	0.999831579	Decreasing
PTX06-1127	635901.90	3755432.03	PCE	2/7/2008	11/10/2021	22	10	No	0.662552153	0.00	0.999999995	Increasing	4	0	No	0.132557553	0.00	0.991147539	Decreasing	22	3	No	0.662552153	0.00	0.999999995	Increasing	10	0	No	0.23082498	0.00	0.56228681	Stable
PTX06-1127	635901.90	3755432.03	TCE	2/7/2008	11/10/2021	32	0	No	1.249257926	0.00	0.999999984	Increasing	4	0	No	0.073452398	0.00	0.568704072	No Trend	25	0	No	1.123548256	0.00	0.999999999	Increasing	10	0	No	0.393115971	0.00	0.999146291	Increasing
PTX06-1127	635901.90	3755432.03	DCE12C	2/7/2008	11/10/2021	32	0	No	1.019462365	0.00	0.99999598	Increasing	4	0	No	0.081846414	0.00	0.967718269	Decreasing	25	0	No	1.004628067	0.00	0.999999975	Increasing	10	0	No	0.486830917	0.00	0.999860003	Increasing
PTX06-1127	635901.90	3755432.03	DCA12	2/7/2008	11/10/2021	32	0	No	0.467336203	0.00	0.999999614	Decreasing	4	0	No	0.052990775	0.00	0.628420161	Stable	25	0	No	0.545478023	0.00	0.999996301	Decreasing	10	0	No	0.23156442	0.00	0.998167611	Decreasing
PTX06-1127	635901.90	3755432.03	TCLME	2/7/2008	11/10/2021	32	0	No	0.786902405	0.00	1	Increasing	4	0	No	0.153316346	0.00	0.97039642	Decreasing	25	0	No	0.59150618	0.00	0.999999999	Increasing	10	0	No	0.263081992	0.00	0.855469571	Stable
PTX06-1127	635901.90	3755432.03	PERC	2/7/2008	11/10/2021	32	0	No	0.525367796	0.00	1	Decreasing	4	0	No	0.12712259	0.00	0.667412161	No Trend	25	0	No	0.377970366	0.00	0.999999975	Decreasing	10	0	No	0.446479622	0.00	0.99996636	Decreasing
PTX06-1127	635901.90	3755432.03	B	9/8/2009	11/10/2021	25	0	No	0.168767142	0.00	0.999788172	Increasing	4	0	No	0.099615742	0.00	0.917735184	Probably Decreasing	25	0	No	0.168767142	0.00	0.999788172	Increasing	10	0	No	0.098116415	0.00	0.947854815	Probably Increasing
PTX06-1127	635901.90	3755432.03	CR	2/7/2008	11/10/2021	22	0	No	1.689485543	0.00	0.996446594	Increasing	4	0	No	0.973423485	0.00	0.723000671	Stable	18	0	No	1.606109155	0.00	0.982831743	Increasing	10	0	No	1.46405716	0.00	0.952367064	Increasing
PTX06-1127	635901.90	3755432.03	CR-6	2/7/2008	11/10/2021	12	7	No	1.328362565	0.00	0.999740819	Decreasing	4	0	No	0.162548929	0.00	0.785927614	Stable	12	6	No	1.328362565	0.00	0.999740819	Decreasing	9	1	No	0.23081845	0.00	0.998486966	Decreasing
PTX06-1131	629371.68	3754232.91	RDX	8/24/2009	4/26/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	HMX	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TNT	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT24	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT26	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT2A	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNT4A	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TNB135	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DNB13	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DIOXANE14	7/27/2011	4/26/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1131	629371.68	3754232.91	PCE	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TCE	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DCE12C	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	DCA12	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	TCLME	8/24/2009	4/26/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1131	629371.68	3754232.91	B	8/24/2009	4/26/2021	17	0	No	0.130067388	0.00	0.833776696	Stable	4	0	No	0.08053675	0.00	1	Decreasing	17	0	No	0.130067388	0.00	0.833776696	Stable	5	0	No	0.074245954	0.00	0.676461193	No Trend
PTX06-1131	629371.68	3754232.91	CR	7/27/2011	4/26/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1131	629371.68	3754232.91	CR-6	7/27/2011	4/26/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1131	629371.68	3754232.91	NI	7/27/2011	4/26/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1131	629371.68	3754232.91	AS	7/27/2011	4/26/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1131	629371.68	3754232.91	BA	3/4/2010	4/26/2021	8	0	No	0.48211063	0.00	0.809407991	No Trend	4	0	No	0.291067388	0.00	0.946957439	Probably Decreasing	8	0	No	0.48211063	0.00	0.809407991	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1131	629371.68	3754232.91	V	7/27/2011	4/26/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1133A	645287.37	3751315.73	RDX	12/15/2011	11/1/2021	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1133A	645287.37	3751315.73	HMX	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	TNT	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DNT24	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DNT26	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DNT2A	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DNT4A	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	TNB135	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DNB13	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	PCE	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	TCE	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DCE12C	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	DCA12	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1133A	645287.37	3751315.73	TCLME	12/15/2011	11/1/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect

PTX06-1133A	645287.37	3751315.73	B	12/15/2011	5/5/2021	15	0	No	0.064835839	0.00	0.99631031	Increasing	4	0	No	0.024747497	0.00	1	Decreasing	15	0	No	0.064835839	0.00	0.99631031	Increasing	9	0	No	0.032770278	0.00	0.903093968	Probably Decreasing
PTX06-1133A	645287.37	3751315.73	CR	12/15/2011	5/5/2021	14	1	No	1.443068515	0.00	0.837616855	No Trend	4	0	No	1.087704344	0.00	0.826845961	No Trend	14	1	No	1.443068515	0.00	0.837616855	No Trend	8	1	No	1.175247676	0.00	0.891466387	No Trend
PTX06-1133A	645287.37	3751315.73	CR-6	12/15/2011	11/1/2021	10	6	No	0.793809222	0.00	0.99995904	Decreasing	4	0	No	0.13107389	0.00	0.679706017	No Trend	10	6	No	0.793809222	0.00	0.99995904	Decreasing	9	1	No	0.179122965	0.00	0.990300584	Decreasing
PTX06-1133A	645287.37	3751315.73	MN	12/15/2011	5/5/2021	14	1	No	1.399027222	0.00	0.994137223	Decreasing	4	0	No	0.278524743	0.00	0.844148209	Stable	14	1	No	1.399027222	0.00	0.994137223	Decreasing	8	1	No	0.247468895	0.00	0.980563518	Decreasing
PTX06-1133A	645287.37	3751315.73	NI	12/15/2011	5/5/2021	15	0	No	1.692055937	0.00	0.998888562	Decreasing	4	0	No	0.57390911	0.00	0.808320183	Stable	15	0	No	1.692055937	0.00	0.998888562	Decreasing	9	0	No	0.569422584	0.00	0.943480204	Probably Decreasing
PTX06-1133A	645287.37	3751315.73	MO	12/15/2011	5/5/2021	15	0	No	0.548256871	0.00	0.906374386	Probably Decreasing	4	0	No	0.322387958	0.00	0.821064325	Stable	15	0	No	0.548256871	0.00	0.906374386	Probably Decreasing	9	0	No	0.303541807	0.00	0.939261203	Probably Decreasing
PTX06-1133A	645287.37	3751315.73	FE	12/15/2011	5/5/2021	14	1	No	1.887050681	0.00	0.968432405	Decreasing	4	0	No	0.858784063	0.00	0.612654918	Stable	14	1	No	1.887050681	0.00	0.968432405	Decreasing	8	1	No	0.891979615	0.00	0.807712131	Stable
PTX06-1133A	645287.37	3751315.73	V	12/15/2011	5/5/2021	15	0	No	0.584133429	0.00	0.915402144	Probably Decreasing	4	0	No	0.091038991	0.00	0.768298868	Stable	15	0	No	0.584133429	0.00	0.915402144	Probably Decreasing	9	0	No	0.104165311	0.00	1	Increasing
PTX06-1134	633520.06	3754409.17	RDX	8/27/2009	11/2/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	HMX	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	TNT	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT24	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT26	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT2A	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNT4A	8/27/2009	11/2/2021	25	0	No	0.692779398	0.00	0.732186742	Stable	4	0	No	0.17463344	0.00	0.899684947	Stable	25	0	No	0.692779398	0.00	0.732186742	Stable	10	0	No	0.255411248	0.00	0.965379231	Increasing
PTX06-1134	633520.06	3754409.17	TNB135	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DNB13	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	DIOXANE14	8/27/2009	11/2/2021	22	3	No	0.397001302	0.00	0.884962377	Stable	4	0	No	0.157636885	0.00	0.943604007	Probably Decreasing	22	3	No	0.397001302	0.00	0.884962377	Stable	10	0	No	0.335651415	0.00	0.986411618	Decreasing
PTX06-1134	633520.06	3754409.17	PCE	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	TCE	8/27/2009	11/2/2021	14	11	No	0.991987479	0.00	0.999989841	Increasing	4	0	No	0.487270103	0.00	0.983433158	Decreasing	14	11	No	0.991987479	0.00	0.999989841	Increasing	10	0	No	0.682961437	0.00	0.986437435	Increasing
PTX06-1134	633520.06	3754409.17	DCE12C	8/27/2009	11/2/2021	11	14	No	0.778139877	0.00	0.999053286	Increasing	4	0	No	0.416730613	0.00	0.944410749	Probably Decreasing	11	14	No	0.778139877	0.00	0.999053286	Increasing	10	0	No	0.693252867	0.00	0.994300347	Increasing
PTX06-1134	633520.06	3754409.17	DCA12	8/27/2009	11/2/2021	5	20	No	0.363439332	0.00	0.895983011	No Trend	4	0	No	0.295502012	0.00	0.588259894	No Trend	5	20	No	0.363439332	0.00	0.895983011	No Trend	5	5	Yes	0.363439332	0.00	0.895983011	No Trend
PTX06-1134	633520.06	3754409.17	TCLME	8/27/2009	11/2/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1134	633520.06	3754409.17	PERC	8/27/2009	11/2/2021	24	1	No	1.228343383	0.00	1	Increasing	4	0	No	0.473694851	0.00	0.814437644	No Trend	24	1	No	1.228343383	0.00	1	Increasing	10	0	No	0.587774316	0.00	0.999118679	Increasing
PTX06-1134	633520.06	3754409.17	B	8/27/2009	11/2/2021	25	0	No	0.117115348	0.00	0.999999983	Increasing	4	0	No	0.039191836	0.00	0.773466793	No Trend	25	0	No	0.117115348	0.00	0.999999983	Increasing	10	0	No	0.055352458	0.00	0.993537299	Increasing
PTX06-1134	633520.06	3754409.17	MN	5/6/2010	11/2/2021	13	0	No	0.607203245	0.00	0.687042469	No Trend	4	0	No	0.439379699	0.00	0.617692074	Stable	13	0	No	0.607203245	0.00	0.687042469	No Trend	9	0	No	0.634842148	0.00	0.911097557	Probably Increasing
PTX06-1134	633520.06	3754409.17	AS	8/30/2017	11/2/2021	8	1	No	0.284464563	0.00	0.799637373	No Trend	4	0	No	0.254543074	0.00	0.941789966	Probably Decreasing	8	1	No	0.284464563	0.00	0.799637373	No Trend	8	1	No	0.284464563	0.00	0.799637373	No Trend
PTX06-1134	633520.06	3754409.17	BA	5/6/2010	11/2/2021	13	0	No	0.120057105	0.00	0.999979079	Decreasing	4	0	No	0.076185508	0.00	0.999911766	Decreasing	13	0	No	0.120057105	0.00	0.999979079	Decreasing	9	0	No	0.06398339	0.00	0.925421579	Probably Decreasing
PTX06-1146	645978.91	3757691.87	RDX	9/2/2009	8/24/2021	25	0	No	0.23122458	0.00	0.655254428	Stable	4	0	No	0.305362379	0.00	0.99787124	Increasing	25	0	No	0.23122458	0.00	0.655254428	Stable	10	0	No	0.278856627	0.00	0.975662687	Increasing
PTX06-1146	645978.91	3757691.87	HMX	9/2/2009	8/24/2021	25	0	No	0.70055985	0.00	1	Increasing	4	0	No	0.348023992	0.00	0.990404867	Increasing	25	0	No	0.70055985	0.00	1	Increasing	10	0	No	0.45461362	0.00	0.999647559	Increasing
PTX06-1146	645978.91	3757691.87	TNT	9/2/2009	8/24/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	DNT24	9/2/2009	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DNT26	9/2/2009	8/24/2021	22	3	No	0.207848624	0.00	0.987993625	Increasing	4	0	No	0.106799131	0.00	0.800001654	No Trend	22	3	No	0.207848624	0.00	0.987993625	Increasing	8	2	No	0.13419674	0.00	0.996332118	Increasing
PTX06-1146	645978.91	3757691.87	DNT2A	9/2/2009	8/24/2021	22	3	No	0.513242121	0.00	0.99999941	Increasing	4	0	No	0.049167277	0.00	0.579576731	Stable	22	3	No	0.513242121	0.00	0.99999941	Increasing	10	0	No	0.092081425	0.00	0.962504276	Decreasing
PTX06-1146	645978.91	3757691.87	DNT4A	9/2/2009	8/24/2021	25	0	No	0.28166353	0.00	0.698007729	No Trend	4	0	No	0.074879754	0.00	0.711130695	No Trend	25	0	No	0.28166353	0.00	0.698007729	No Trend	10	0	No	0.115439515	0.00	0.648497854	No Trend
PTX06-1146	645978.91	3757691.87	TNB135	9/2/2009	8/24/2021	15	10	No	0.263375679	0.00	1	Increasing	4	0	No	0.2178551	0.00	0.899171676	Stable	15	10	No	0.263375679	0.00	1	Increasing	6	4	No	0.321378865	0.00	0.837336883	No Trend
PTX06-1146	645978.91	3757691.87	DNB13	9/2/2009	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	PCE	9/2/2009	8/24/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	TCE	9/2/2009	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DCE12C	9/2/2009	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	DCA12	9/2/2009	8/24/2021	7	18	No	0.57104681	0.00	0.968159777	Increasing	4	0	No	0.541191488	0.00	0.544988959	No Trend	7	18	No	0.57104681	0.00	0.968159777	Increasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	TCLME	9/2/2009	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1146	645978.91	3757691.87	B	9/2/2009	8/24/2021	25	0	No	0.281985778	0.00	0.880472882	No Trend	4	0	No	0.397903735	0.00	0.985706337	Increasing	25	0	No	0.281985778	0.00	0.880472882	No Trend	10	0	No	0.418476859	0.00	0.996593518	Increasing
PTX06-1146	645978.91	3757691.87	CR	9/2/2009	8/24/2021	25	0	No	1.487720593	0.00	0.865251692	No Trend	4	0	No	0.042470559	0.00	0.795632093	No Trend	25	0	No	1.487720593	0.00	0.865251692	No Trend	10	0	No	0.931282249	0.00	0.578219916	Stable
PTX06-1146	645978.91	3757691.87	CR-6	9/2/2009	8/24/2021	20	5	No	0.403090278	0.00	0.999999373	Increasing	4	0	No	0.11455781	0.00	0.840396351	No Trend	20	5	No	0.403090278	0.00	0.999999373	Increasing	10	0	No	0.164639748	0.00	0.998916118	Increasing
PTX06-1146	645978.91	3757691.87	MN	9/2/2009	8/24/2021	21	4	No	1.285035865	0.00	0.999999582	Decreasing	4	0	No	0.407275505	0.00	0.660080007	No Trend	21	4	No	1.285035865	0.00	0.999999582	Decreasing	6	4	No	0.64257001	0.00	0.611458633	Stable
PTX06-1146	645978.91	3757691.87	NI	9/2/2009	8/24/2021	25	0	No	1.165825859	0.00	0.999994535	Decreasing	4	0	No	0.04094848	0.00	0.886387946	Stable	25	0	No	1.165825859	0.00	0.999994535	Decreasing	10	0	No	0.641007439	0.00	0.696558022	Stable
PTX06-1146	645978.91	3757691.87	MO	9/2/2009	8/24/2021	25	0	No	0.55077012	0.00	1	Decreasing	4	0	No	0.047067495	0.00	0.703906854	No Trend	25	0	No	0.55077012	0.00	1	Decreasing	10	0	No	0.3626374	0.00	0.622397255	Stable
PTX06-1146	645978.91	3757691.87	FE	9/2/2009	8/24/2021	17	8	No	0.610305087	0.00	0.892377717	Stable	4	0	No	0.7862564	0.00	0.515398995	No Trend	17	8	No	0.610305087	0.00	0.892377717	Stable	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1146	645978.91	3757691.87	V	9/2/2009	8/24/2021	25	0	No	0.0969342	0.00	0.797825617	No Trend	4	0	No	0.027842227	0.00	0.67238335	No Trend	25	0	No	0.0969342	0.00	0.797825617	No Trend	10	0	No	0.063139604	0.00	0.611516871	No Trend
PTX06-1147	645431.85	3753953.21	RDX	9/2/2009	10/27/2021	25	0	No	0.400570346	0.00	0.654718597	No Trend	4	0	No	0.287282647	0.00	0.91854098	Probably Increasing	25	0	No	0.400570346	0.00	0.654718597	No Trend	10	0	No	0.239726699	0.00	0.816312228	Stable
PTX06-1147	645431.85	3753953.21	HMX	9/2/2009	10/27/2021	25	0	No	0.567082996	0.00	0.999469092	Increasing	4	0	No	0.211009812	0.00	0.874985588	No Trend	25	0	No	0.567082996	0.00	0.999469092	Increasing	10	0	No	0.453556615	0.00	0.540235142	No Trend
PTX06-1147	645431.85	3753953.21	TNT	9/2/2009	10/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DNT24	9/2/2009	10/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DNT26	9/2/2009	10/27/2021	5	20	No	0.224737228	0.00	0.999908644	Decreasing	4	0	No	0.252735832	0.00	0.897397443	Stable	5	20	No	0.224737228	0.00	0.999908644	Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	DNT2A	9/2/2009	10/27/2021	18	7	No	0.660733869	0.00	0.999984336	Increasing	4	0	No	0.115334832	0.00	0.72890848	No Trend	18	7	No	0.660733869	0.00	0.999984336	Increasing	10	0	No	0.445502836	0.00	0.994991881	Increasing
PTX06-1147	645431.85	3753953.21	DNT4A	9/2/2009	10/27/2021	25	0	No	0.465443473	0.00	0.85506428	No Trend	4	0	No	0.117584872	0.00	0.553139865	No Trend	25	0	No	0.465443473	0.00	0.85506428	No Trend	10	0	No	0.160424011	0.00	0.988851618	Increasing
PTX06-1147	645431.85	3753953.21	TNB135	9/2/2009	10/27/2021	6	19	No	0.235096922	0.00	0.903121716	Probably Decreasing	4	0	No	0.304787895	0.00	0.784118133	Stable	6	19	No	0.235096922	0.00	0.903121716	Probably Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	DNB13	9/2/2009	10/27/2021	5	20	No	0.047886991	0.00	0.913123185	Probably Decreasing	4	0	No	0.041522079	0.00	0.62516905	Stable	5	20	No	0.047886991	0.00	0.913123185	Probably Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1147	645431.85	3753953.21	PCE	9/2/2009	10/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	TCE	9/2/2009	10/27/2021	24	1	No	0.28586456	0.00	0.988205242	Decreasing	4	0	No	0.042357782	0.00	1	Decreasing	24	1	No	0.28586456	0.00	0.988205242	Decreasing	9	1	No	0.175527217	0.00	0.980780729	Increasing
PTX06-1147	645431.85	3753953.21	DCE12C	9/2/2009	10/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	DCA12	9/2/2009	10/27/2021	13	12	No	0.210522909	0.00	0.887634904	Stable	4	0	No	0.168038432	0.00	0.526162338	Stable	13	12	No	0.210522909	0.00	0.887634904	Stable	7	3	No	0.188828936	0.00	0.957751326	Increasing
PTX06-1147	645431.85	3753953.21	TCLME	9/2/2009	10/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1147	645431.85	3753953.21	B	9/2/2009	10/27/2021	25	0	No	0.238241759	0.00	0.993721818	Increasing	4	0	No	0.029297076	0.00	0.86436739	Stable	25	0	No	0.238241759	0.00	0.993721818	Increasing	10	0	No	0.131719879	0.00	0.995981749	Decreasing
PTX06-1147	645431.85	3753953.21	CR	9/2/2009	10/27/2021	25	0	No	1.900346913	0.00	1	Decreasing	4	0	No	1.773650016	-0.01	0.894095528	No Trend	25	0	No	1.900346913	0.00	1	Decreasing	10	0	No	2.127754927	0.00	0.580315078	No Trend
PTX06-1147	645431.85	3753953.21	CR-6	9/2/2009	10/27/2021	12	13	No	0.268312749	0.00	0.844849204	Stable	4	0	No	0.045698996	0.00	0.694577425	Stable	12	13	No	0.268312749	0.00	0.844849204	Stable	9	1	No	0.196077035	0.00	0.999789141	Increasing
PTX06-1147	645431.85	3753953.21	MN	9/2/2009	10/27/2021	24	1	No	0.634606458	0.00	0.973815878	Decreasing	4	0	No	1.235601364	0.00	0.84290671	No Trend	24	1	No	0.634606458	0.00	0.973815878	Decreasing	9	1	No	0.919473637	0.00	0.991904289	Decreasing
PTX06-1147	645431.85	3753953.21	NI	9/2/2009	10/27/2021	25	0	No	0.818487301	0.00	0.959675348	Decreasing	4	0	No	0.508504953	0.00	0.97348123	Decreasing	25	0	No	0.818487301	0.00	0.959675348	Decreasing	10	0	No	1.316910573	0.00	0.999998795	Decreasing
PTX06-1147	645431.85	3753953.21	MO	9/2/2009	10/27/2021	25	0	No	0.521181682	0.00	0.623345715	No Trend	4	0	No	0.912097108	0.00	0.924410102	Probably Decreasing	25	0	No	0.521181682	0.00	0.623345715	No Trend	10	0	No	0.671171861	0.00	0.993185722	Decreasing
PTX06-1147	645431.85	3753953.21	FE	9/2/2009	10/27/2021	22	3	No	0.737300115	0.00	0.695747477	Stable	4	0	No	1.170245519	0.00	0.911599467	Probably Increasing	22	3	No	0.737300115	0.00	0.695747477	Stable	7	3	No	1.124949879	0.00	0.909900299	Probably Increasing
PTX06-1147	645431.85	3753953.21	V	9/2/2009	10/27/2021	25	0	No	0.275366278	0.00	0.945553791	Probably Increasing	4	0	No	0.227770924	0.00	0.913930124	Probably Decreasing	25	0	No	0.275366278	0.00	0.945553791	Probably Increasing	10	0	No	0.249417228	0.00	0.990947478	Increasing
PTX06-1151	633935.95	3756123.62	RDX	9/1/2009	8/10/2021	25	0	No	0.59159877	0.00	1	Decreasing	4	0	No	0.365308674	0.00	0.958043187	Decreasing	25	0	No	0.59159877	0.00	1	Decreasing	10	0	No	0.408913382	0.00	0.999222386	Decreasing
PTX06-1151	633935.95	3756123.62	HMX	9/1/2009	8/10/2021	25	0	No	0.956598436	0.00	1	Decreasing	4	0	No	0.330649441	0.00	0.918437456	Probably Decreasing	25	0	No	0.956598436	0.00	1	Decreasing	10	0	No	0.453567742	0.00	0.999797425	Decreasing
PTX06-1151	633935.95	3756123.62	TNT	9/1/2009	8/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT24	9/1/2009	8/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT26	9/1/2009	8/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT2A	9/1/2009	8/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DNT4A	9/1/2009	8/10/2021	23	2	No	0.19610487	0.00	0.89203493	No Trend	4	0	No	0.179322245	0.00	0.937567013	Probably Decreasing	23	2	No	0.19610487	0.00	0.89203493	No Trend	10	0	No	0.191876808	0.00	0.957037984	Decreasing
PTX06-1151	633935.95	3756123.62	TNB135	9/1/2009	8/10/2021	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1151	633935.95	3756123.62	DNB13	9/1/2009	8/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1151	633935.95	3756123.62	DIOXANE14	9/1/2009	8/10/2021	25	0	No	0.382930746	0.00	0.999961477	Increasing	4	0	No	0.279036493	0.00	0.986518115	Increasing	25	0	No	0.382930746	0.00	0.999961477	Increasing	10	0	No	0.26918893	0.00	0.981754818	Increasing
PTX06-1151	633935.95	3756123.62	PCE	5/20/2009	8/10/2021	26	0	No	0.376364305	0.00	0.999999902	Increasing	4	0	No	0.196971511	0.00	0.975408804	Decreasing	25	0	No	0.342129942	0.00	0.999999766	Increasing	10	0	No	0.198799617	0.00	0.549530875	No Trend
PTX06-1151	633935.95	3756123.62	TCE	5/20/2009	8/10/2021	26	0	No	0.232557131	0.00	0.938116586	Probably Decreasing	4	0	No	0.221753345	0.00	0.776969257	No Trend	25	0	No	0.22875336	0.00	0.983463367	Decreasing	10	0	No	0.184876532	0.00	0.652488338	No Trend
PTX06-1151	633935.95	3756123.62	DCE12C	5/20/2009	8/10/2021	26	0	No	0.376120358	0.00	0.999968502	Increasing	4	0	No	0.270466173	0.00	0.920383366	Probably Increasing	25	0	No	0.367781172	0.00	0.999898582	Increasing	10	0	No	0.299839766	0.00	0.975925847	Increasing
PTX06-1151	633935.95	3756123.62	DCA12	5/20/2009	8/10/2021	26	0	No	0.218477799	0.00	1	Increasing	4	0	No	0.225511816	0.00	0.97573638	Decreasing	25	0	No	0.22092841	0.00	1	Decreasing	10	0	No	0.278942767	0.00	0.998601317	Decreasing
PTX06-1151	633935.95	3756123.62	TCLME	5/20/2009	8/10/2021	26	0	No	0.49974965	0.00	0.999999974	Increasing	4	0	No	0.274378255	0.00	0.997177846	Decreasing	25	0	No	0.470774245	0.00	0.999999846	Increasing	10	0	No	0.238362841	0.00	0.989169272	Decreasing
PTX06-1151	633935.95	3756123.62	PERC	9/1/2009	8/10/2021	26	0	No	0.343355804	0.00	0.99999817	Decreasing	4	0	No	0.4029983	0.00	0.97600345	Decreasing	26	0	No	0.343355804	0.00	0.99999817	Decreasing	11	0	No	0.357351636	0.00	0.999963925	Decreasing
PTX06-1151	633935.95	3756123.62	B	9/1/2009	8/10/2021	25	0	No	0.080803537	0.00	0.996941981	Increasing	4	0	No	0.081285961	0.00	0.633735873	Stable	25	0	No	0.080803537	0.00	0.996941981	Increasing	10	0	No	0.074877433	0.00	0.916215087	Probably Increasing
PTX06-1159	634015.04	3754843.47	RDX	1/29/2013	8/11/2021	4	14	No	0.445564677	0.00	0.950269642	Decreasing	4	0	No	0.445564677	0.00	0.950269642	Decreasing	4	14	No	0.445564677	0.00	0.950269642	Decreasing	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	HMX	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	TNT	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT24	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT26	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT2A	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNT4A	1/29/2013	8/11/2021	18	0	No	0.19324057	0.00	0.877591122	Stable	4	0	No	0.168403739	0.00	0.643470366	No Trend	18	0	No	0.19324057	0.00	0.877591122	Stable	10	0	No	0.217821657	0.00	0.974601425	Decreasing
PTX06-1159	634015.04	3754843.47	TNB135	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DNB13	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1159	634015.04	3754843.47	DIOXANE14	1/29/2013	8/11/2021	18	0	No	0.240354527	0.00	1	Increasing	4	0	No	0.220373639	0.00	0.873027141	No Trend	18	0	No	0.240354527	0.00	1	Increasing	10	0	No	0.260465763	0.00	0.995298308	Increasing
PTX06-1159	634015.04	3754843.47	PCE	1/29/2013	8/11/2021	6	12	No	0.187568953	0.00	0.756193722	No Trend	4	0	No	0.173622946	0.00	0.513373194	Stable	6	12	No	0.187568953	0.00	0.756193722	No Trend	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	TCE	1/29/2013	8/11/2021	18	0	No	0.341544393	0.00	0.955520958	Decreasing	4	0	No	0.379434442	0.00	0.891345896	Stable	18	0	No	0.341544393	0.00	0.955520958	Decreasing	10	0	No	0.372520091	0.00	0.999873555	Decreasing
PTX06-1159	634015.04	3754843.47	DCE12C	1/29/2013	8/11/2021	18	0	No	0.293538035	0.00	0.687399967	No Trend	4	0	No	0.379727956	0.00	0.981892804	Decreasing	18	0	No	0.293538035	0.00	0.687399967	No Trend	10	0	No	0.287071396	0.00	0.997013859	Decreasing
PTX06-1159	634015.04	3754843.47	DCA12	1/29/2013	8/11/2021	17	1	No	0.675615521	0.00	0.999997876	Decreasing	4	0	No	0.456722276	0.00	0.994527434	Decreasing	17	1	No	0.675615521	0.00	0.999997876	Decreasing	9	1	No	0.855200127	0.00	0.999999989	Decreasing
PTX06-1159	634015.04	3754843.47	TCLME	1/29/2013	8/11/2021	11	7	No	0.361551134	0.00	0.984135767	Decreasing	4	0	No	0.551986314	0.00	0.990579939	Decreasing	11	7	No	0.361551134	0.00	0.984135767	Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1159	634015.04	3754843.47	PERC	1/29/2013	8/11/2021	18	0	No	0.57067023	0.00	0.994823761	Increasing	4	0	No	0.523257096	0.00	0.923846019	Probably Decreasing	18	0	No	0.57067023	0.00	0.994823761	Increasing	10	0	No	0.383162324	0.00	0.966633341	Decreasing
PTX06-1159	634015.04	3754843.47	B	1/29/2013	8/11/2021	18	0	No	0.131977332	0.00	0.992984904	Increasing	4	0	No	0.099247588	0.00	0.999579174	Increasing	18	0	No	0.131977332	0.00	0.992984904	Increasing	10	0	No	0.147192115	0.00	0.998265144	Increasing
PTX06-1160	632835.73	3756274.13	RDX	1/29/2013	8/11/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	HMX	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TNT	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT24	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT26	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT2A	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNT4A	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TNB135	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DNB13	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DIOXANE14	1/29/2013	8/11/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1160	632835.73	3756274.13	PCE	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TCE	1/29/2013	8/11/2021	5	13	No	0.061966056	0.00	0.593112858	No Trend	4	0	No	0.069783484	0.00	0.524374872	No Trend	5	13	No	0.061966056	0.00	0.593112858	No Trend	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1160	632835.73	3756274.13	DCE12C	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	DCA12	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	TCLME	1/29/2013	8/11/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1160	632835.73	3756274.13	PERC	1/29/2013	8/11/2021	8	11	No	2.150605355	0.00	0.92390611	Probably Decreasing	4	0	No	0.078834623	0.00	0.937362954	Probably Increasing	8	11	No	2.150605355	0.00	0.92390611	Probably Decreasing	8	3	No	2.150605355	0.00	0.92390611	Probably Decreasing
PTX06-1160	632835.73	3756274.13	B	1/29/2013	8/11/2021	18	0	No	0.078119264	0.00	0.819380903	No Trend	4	0	No	0.066481056	0.00	0.674629197	Stable	18	0	No	0.078119264	0.00	0.819380903	No Trend	10	0	No	0.070609568	0.00	0.690957682	No Trend
PTX06-1166	639750.34	3752799.74	RDX	1/28/2013	7/21/2021	16	0	No	0.263151391	0.00	0.999403655	Decreasing	4	0	No	0.227865893	0.00	0.703530668	Stable	16	0	No	0.263151391	0.00	0.999403655	Decreasing	8	0	No	0.16515846	0.00	0.669174198	Stable
PTX06-1166	639750.34	3752799.74	HMX	1/28/2013	7/21/2021	16	0	No	0.277285681	0.00	0.999170007	Decreasing	4	0	No	0.02767737	0.00	0.848084135	Stable	16	0	No	0.277285681	0.00	0.999170007	Decreasing	8	0	No	0.210818942	0.00	0.975737497	Decreasing
PTX06-1166	639750.34	3752799.74	TNT	1/28/2013	7/21/2021	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	DNT24	1/28/2013	7/21/2021	12	4	No	0.192186144	0.00	1	Decreasing	4	0	No	0.210138917	0.00	0.981504472	Decreasing	12	4	No	0.192186144	0.00	1	Decreasing	5	3	No	0.183494136	0.00	0.95512304	Decreasing
PTX06-1166	639750.34	3752799.74	DNT26	1/28/2013	7/21/2021	8	8	No	0.605507376	0.00	0.994575342	Increasing	4	0	No	0.324799006	0.00	0.911361459	Probably Increasing	8	8	Yes	0.605507376	0.00	0.994575342	Increasing	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	DNT2A	1/28/2013	7/21/2021	16	0	No	0.239640285	0.00	0.874253223	No Trend	4	0	No	0.154912922	0.00	0.736454048	No Trend	16	0	No	0.239640285	0.00	0.874253223	No Trend	8	0	No	0.138480179	0.00	0.761618524	No Trend
PTX06-1166	639750.34	3752799.74	DNT4A	1/28/2013	7/21/2021	16	0	No	0.195178545	0.00	0.678619456	Stable	4	0	No	0.151151357	0.00	0.810698176	No Trend	16	0	No	0.195178545	0.00	0.678619456	Stable	8	0	No	0.122660999	0.00	0.975635362	Increasing
PTX06-1166	639750.34	3752799.74	TNB135	1/28/2013	7/21/2021	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect

PTX06-1166	639750.34	3752799.74	DNB13	1/28/2013	7/21/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	PCE	1/28/2013	7/21/2021	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	TCE	1/28/2013	7/21/2021	16	0	No	0.419018872	0.00	0.999999964	Decreasing	4	0	No	0.334576843	0.00	0.981254672	Decreasing	16	0	No	0.419018872	0.00	0.999999964	Decreasing	8	0	No	0.327632362	0.00	0.995351393	Decreasing
PTX06-1166	639750.34	3752799.74	DCE12C	1/28/2013	7/21/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1166	639750.34	3752799.74	DCA12	1/28/2013	7/21/2021	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1166	639750.34	3752799.74	TCLME	1/28/2013	7/21/2021	14	2	No	0.283184614	0.00	0.999990705	Decreasing	4	0	No	0.134231211	0.00	0.695876321	No Trend	14	2	No	0.283184614	0.00	0.999990705	Decreasing	6	2	No	0.200534681	0.00	0.859025531	Stable
PTX06-1166	639750.34	3752799.74	B	1/28/2013	7/21/2021	16	0	No	0.085912686	0.00	0.710532108	Stable	4	0	No	0.07895928	0.00	0.69280282	Stable	16	0	No	0.085912686	0.00	0.710532108	Stable	8	0	No	0.08587798	0.00	0.769693346	No Trend
PTX06-1166	639750.34	3752799.74	CR	1/28/2013	7/21/2021	16	0	No	0.369551433	0.00	0.98030855	Increasing	4	0	No	0.277557142	0.00	0.756862929	No Trend	16	0	No	0.369551433	0.00	0.98030855	Increasing	8	0	No	0.374807839	0.00	0.996513434	Increasing
PTX06-1166	639750.34	3752799.74	CR-6	1/28/2013	7/21/2021	15	1	No	0.737629035	0.00	0.999971725	Increasing	4	0	No	0.27557351	0.00	0.811113155	No Trend	15	1	No	0.737629035	0.00	0.999971725	Increasing	8	0	No	0.424024675	0.00	0.993903315	Increasing
PTX06-1166	639750.34	3752799.74	MN	1/28/2013	7/21/2021	16	0	No	0.840664674	0.00	0.999999997	Decreasing	4	0	No	0.776847225	0.00	0.958446566	Decreasing	16	0	No	0.840664674	0.00	0.999999997	Decreasing	8	0	No	0.560114092	0.00	0.999172231	Decreasing
PTX06-1166	639750.34	3752799.74	NI	1/28/2013	7/21/2021	15	1	No	0.470786033	0.00	0.901962365	Probably Decreasing	4	0	No	0.56282123	0.00	0.908648587	Probably Decreasing	15	1	No	0.470786033	0.00	0.901962365	Probably Decreasing	8	0	No	0.521462777	0.00	0.607624406	Stable
PTX06-1166	639750.34	3752799.74	MO	1/28/2013	7/21/2021	16	0	No	0.806826303	0.00	0.983501732	Decreasing	4	0	No	0.163109069	0.00	0.89699093	Stable	16	0	No	0.806826303	0.00	0.983501732	Decreasing	8	0	No	0.120809217	0.00	0.751891282	Stable
PTX06-1166	639750.34	3752799.74	FE	1/28/2013	7/21/2021	16	0	No	0.968017409	0.00	0.973782668	Decreasing	4	0	No	0.624335033	0.00	0.933944649	Probably Decreasing	16	0	No	0.968017409	0.00	0.973782668	Decreasing	8	0	No	0.490188255	0.00	0.842435919	Stable
PTX06-1166	639750.34	3752799.74	V	1/28/2013	7/21/2021	16	0	No	0.202393919	0.00	0.999692801	Increasing	4	0	No	0.102828614	0.00	0.640323008	Stable	16	0	No	0.202393919	0.00	0.999692801	Increasing	8	0	No	0.125341561	0.00	0.912264652	Probably Increasing
PTX06-1171	634373.95	3755715.08	RDX	5/25/2016	8/18/2021	6	0	No	0.480870967	0.00	0.993985233	Increasing	4	0	No	0.140690223	0.00	0.903755508	Probably Increasing	6	0	No	0.480870967	0.00	0.993985233	Increasing	5	0	No	0.321639441	0.00	0.965415742	Increasing
PTX06-1171	634373.95	3755715.08	HMX	5/25/2016	8/18/2021	3	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	3	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1171	634373.95	3755715.08	TNT	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DNT24	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DNT26	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DNT2A	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DNT4A	5/25/2016	8/18/2021	6	0	No	0.333498124	0.00	0.982225462	Decreasing	4	0	No	0.145521363	0.00	0.615057324	Stable	6	0	No	0.333498124	0.00	0.982225462	Decreasing	5	0	No	0.230692396	0.00	0.897356059	Stable
PTX06-1171	634373.95	3755715.08	TNB135	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DNB13	5/25/2016	8/18/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1171	634373.95	3755715.08	DIOXANE14	5/25/2016	8/18/2021	6	0	No	0.539453505	0.00	0.866952569	No Trend	4	0	No	0.585478797	0.00	0.937640094	Probably Increasing	6	0	No	0.539453505	0.00	0.866952569	No Trend	5	0	No	0.607189978	0.00	0.974598375	Increasing
PTX06-1171	634373.95	3755715.08	PCE	3/18/2015	8/18/2021	7	0	No	0.312869035	0.00	0.975430552	Increasing	4	0	No	0.097535572	0.00	0.982743758	Decreasing	7	0	No	0.312869035	0.00	0.975430552	Increasing	5	0	No	0.107886527	0.00	0.569291375	Stable
PTX06-1171	634373.95	3755715.08	TCE	3/18/2015	8/18/2021	7	0	No	0.104443442	0.00	0.743891724	No Trend	4	0	No	0.082117442	0.00	0.948959495	Probably Decreasing	7	0	No	0.104443442	0.00	0.743891724	No Trend	5	0	No	0.078230101	0.00	0.977840005	Decreasing
PTX06-1171	634373.95	3755715.08	DCE12C	3/18/2015	8/18/2021	7	0	No	0.15901692	0.00	0.998075743	Decreasing	4	0	No	0.121647352	0.00	0.907096393	Probably Decreasing	7	0	No	0.15901692	0.00	0.998075743	Decreasing	5	0	No	0.111402124	0.00	0.950959743	Decreasing
PTX06-1171	634373.95	3755715.08	DCA12	3/18/2015	8/18/2021	7	0	No	0.164964922	0.00	0.990511354	Decreasing	4	0	No	0.140549704	0.00	0.878421459	Stable	7	0	No	0.164964922	0.00	0.990511354	Decreasing	5	0	No	0.177390049	0.00	0.973109717	Decreasing
PTX06-1171	634373.95	3755715.08	TCLME	3/18/2015	8/18/2021	7	0	No	0.493049176	0.00	0.982764796	Increasing	4	0	No	0.477528692	0.00	0.891819377	No Trend	7	0	No	0.493049176	0.00	0.982764796	Increasing	5	0	No	0.495792505	0.00	0.963474066	Increasing
PTX06-1171	634373.95	3755715.08	PERC	3/18/2015	8/18/2021	7	0	No	0.367133028	0.00	0.997631194	Decreasing	4	0	No	0.143128222	0.00	0.647134928	Stable	7	0	No	0.367133028	0.00	0.997631194	Decreasing	5	0	No	0.227868812	0.00	0.901165804	Probably Decreasing
PTX06-1171	634373.95	3755715.08	B	3/18/2015	8/18/2021	7	0	No	0.111119731	0.00	0.755307409	Stable	4	0	No	0.071627695	0.00	0.552724904	Stable	7	0	No	0.111119731	0.00	0.755307409	Stable	5	0	No	0.086513593	0.00	0.757109936	No Trend
PTX06-1180	633474.07	3756487.93	RDX	12/9/2015	8/10/2021	4	7	No	0.304333716	0.00	0.652697157	Stable	4	0	No	0.304333716	0.00	0.652697157	Stable	4	7	No	0.304333716	0.00	0.652697157	Stable	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1180	633474.07	3756487.93	HMX	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TNT	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT24	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT26	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT2A	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNT4A	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TNB135	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DNB13	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	DIOXANE14	12/9/2015	8/10/2021	11	0	No	0.363799089	0.00	0.999994312	Decreasing	4	0	No	0.171838252	0.00	0.802138484	Stable	11	0	No	0.363799089	0.00	0.999994312	Decreasing	10	0	No	0.338150894	0.00	0.999971581	Decreasing
PTX06-1180	633474.07	3756487.93	PCE	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TCE	12/9/2015	8/10/2021	11	0	No	0.243051215	0.00	0.937204	Probably Increasing	4	0	No	0.258823224	0.00	0.883217356	Stable	11	0	No	0.243051215	0.00	0.937204	Probably Increasing	10	0	No	0.172219972	0.00	1	Decreasing
PTX06-1180	633474.07	3756487.93	DCE12C	12/9/2015	8/10/2021	11	0	No	0.203435509	0.00	0.548664951	Stable	4	0	No	0.25548951	0.00	0.958814773	Decreasing	11	0	No	0.203435509	0.00	0.548664951	Stable	10	0	No	0.171070668	0.00	0.97385243	Decreasing
PTX06-1180	633474.07	3756487.93	DCA12	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	TCLME	12/9/2015	8/10/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1180	633474.07	3756487.93	PERC	12/9/2015	8/10/2021	4	7	No	0.080701552	0.00	0.96222091	Increasing	4	0	No	0.080701552	0.00	0.96222091	Increasing	4	7	No	0.080701552	0.00	0.96222091	Increasing	4	6	No	0.080701552	0.00	0.96222091	Increasing
PTX06-1180	633474.07	3756487.93	B	2/1/2017	8/10/2021	9	1	No	0.076348679	0.00	0.879893744	No Trend	4	0	No	0.070403334	0.00	0.724731858	No Trend	9	1	No	0.076348679	0.00	0.879893744	No Trend	9	1	No	0.076348679	0.00	0.879893744	No Trend
PTX06-1182	647140.17	3751088.49	RDX	10/3/2016	11/1/2021	12	0	No	1.308977913	0.00	0.99999895	Decreasing	4	0	No	0.234574395	0.00	0.892235019	Stable	12	0	No	1.308977913	0.00	0.99999895	Decreasing	10	0	No	1.723621682	0.00	0.999971912	Decreasing
PTX06-1182	647140.17	3751088.49	HMX	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TNT	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT24	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT26	10/3/2016	11/1/2021	3	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1182	647140.17	3751088.49	DNT2A	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNT4A	10/3/2016	11/1/2021	11	1	No	1.203286508	0.00	0.999994384	Decreasing	4	0	No	0.348912941	0.00	0.777585716	Stable	11	1	No	1.203286508	0.00	0.999994384	Decreasing	9	1	No	1.596846337	0.00	0.999793192	Decreasing
PTX06-1182	647140.17	3751088.49	TNB135	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DNB13	10/3/2016	11/1/2021	0	12	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	PCE	10/3/2016	11/1/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TCE	10/3/2016	11/1/2021	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DCE12C	10/3/2016	11/1/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	DCA12	10/3/2016	11/1/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	TCLME	10/3/2016	11/1/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1182	647140.17	3751088.49	B	10/3/2016	11/1/2021	11	0	No	0.160027033	0.00	0.999589161	Increasing	4	0	No	0.063433767	0.00	0.531000341	No Trend	11	0	No	0.160027033	0.00	0.999589161	Increasing	10	0	No	0.149425091	0.00	0.998055256	Increasing
PTX06-1182	647140.17	3751088.49	CR	10/3/2016	11/1/2021	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1182	647140.17	3751088.49	CR-6	10/3/2016	11/1/2021	9	2	No	0.542060916	0.00	0.637368558	Stable	4	0	No	0.155374893	0.00	0.757285986	Stable	9	2	No	0.542060916	0.00	0.637368558	Stable	9	1	No	0.542060916	0.00	0.637368558	Stable
PTX06-1183	639765.77	3753350.43	RDX	11/30/2016	11/2/2021	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	HMX	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TNT	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT24	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT26	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT2A	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNT4A	11/30/2016	11/2/2021	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	TNB135	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DNB13	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	PCE	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TCE	11/30/2016	11/2/2021	4	7	No	0.620891326	0.00	0.831717554	No Trend	4	0	No	0.620891326	0.00	0.831717554	No Trend	4	7	No	0.620891326	0.00	0.831717554	No Trend	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	DCE12C	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	DCA12	11/30/2016	11/2/2021	0	11	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	11	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	TCLME	11/30/2016	11/2/2021	9	2	No	0.385778142	0.00	0.999860127	Decreasing	4	0	No	0.386684556	0.00	0.998750779	Decreasing	9	2	No	0.385778142	0.00	0.999860127	Decreasing	8	2	No	0.41505737	0.00	0.999988272	Decreasing
PTX06-1183	639765.77	3753350.43	B	11/30/2016	11/2/2021	11	0	No	0.104864926	0.00	0.999339708	Increasing	4	0	No	0.063932867	0.00	0.998807209	Increasing	11	0	No	0.104864926	0.00	0.999339708	Increasing	10	0	No	0.10824458	0.00	0.999595374	Increasing
PTX06-1183	639765.77	3753350.43	CR	11/30/2016	11/2/2021	11	0	No	0.542656127	0.00	0.999837069	Decreasing	4	0	No	0.195767447	0.00	0.98200128	Decreasing	11	0	No	0.542656127	0.00	0.999837069	Decreasing	10	0	No	0.431927938	0.00	0.999136519	Decreasing
PTX06-1183	639765.77	3753350.43	CR-6	11/30/2016	11/2/2021	11	0	No	0.561593583	0.00	0.999737936	Decreasing	4	0	No	0.258493417	0.00	0.984541284	Decreasing	11	0	No	0.561593583	0.00	0.999737936	Decreasing	10	0	No	0.468224186	0.00	0.998270846	Decreasing
PTX06-1183	639765.77	3753350.43	MN	5/8/2017	11/2/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1183	639765.77	3753350.43	NI	5/8/2017	11/2/2021	5	5	No	0.396654799	0.00	0.981667979	Decreasing	4	0	No	0.224706787	0.00	0.952588137	Decreasing	5	5	Yes	0.396654799	0.00	0.981667979	Decreasing	5	5	Yes	0.396654799	0.00	0.981667979	Decreasing
PTX06-1183	639765.77	3753350.43	MO	5/8/2017	11/2/2021	10	0	No	0.134085033	0.00	0.995314534	Decreasing	4	0	No	0.151412084	0.00	0.997993646	Decreasing	10	0	No	0.134085033	0.00	0.995314534	Decreasing	10	0	No	0.134085033	0.00	0.995314534	Decreasing
PTX06-1183	639765.77	3753350.43	FE	5/8/2017	11/2/2021	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1183	639765.77	3753350.43	V	5/8/2017	11/2/2021	10	0	No	0.060633376	0.00	0.872385781	No Trend	4	0	No	0.038903015	0.00	0.768800181	Stable	10	0	No	0.060633376	0.00	0.872385781	No Trend	10	0	No	0.060633376	0.00	0.872385781	No Trend
PTX06-1185	647878.41	3751139.83	RDX	7/10/2017	11/1/2021	10	0	No	0.413399585	0.00	0.999990824	Decreasing	4	0	No	0.19061158	0.00	0.964075174	Decreasing	10	0	No	0.413399585	0.00	0.999990824	Decreasing	10	0	No	0.413399585	0.00	0.999990824	Decreasing
PTX06-1185	647878.41	3751139.83	HMX	7/10/2017	11/1/2021	9	0	No	0.359801476	0.00	0.917209487	Probably Decreasing	4	0	No	0.464963859	0.00	0.963227828	Decreasing	9	0	No	0.359801476	0.00	0.917209487	Probably Decreasing	9	0	No	0.359801476	0.00	0.917209487	Probably Decreasing
PTX06-1185	647878.41	3751139.83	TNT	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	DNT24	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	DNT26	7/10/2017	11/1/2021	9	0	No	0.231735815	0.00	0.997863277	Decreasing	4	0	No	0.075645352	0.00	0.581049695	No Trend	9	0	No	0.231735815	0.00	0.997863277	Decreasing	9	0	No	0.231735815	0.00	0.997863277	Decreasing
PTX06-1185	647878.41	3751139.83	DNT2A	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	DNT4A	7/10/2017	11/1/2021	10	0	No	0.252949046	0.00	0.999733527	Decreasing	4	0	No	0.080081752	0.00	0.764935412	Stable	10	0	No	0.252949046	0.00	0.999733527	Decreasing	10	0	No	0.252949046	0.00	0.999733527	Decreasing
PTX06-1185	647878.41	3751139.83	TNB135	7/10/2017	11/1/2021	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1185	647878.41	3751139.83	DNB13	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	PCE	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	TCE	7/10/2017	11/1/2021	8	2	No	0.276088256	0.00	0.681608886	Stable	4	0	No	0.348930549	0.00	0.977830585	Decreasing	8	2	No	0.276088256	0.00	0.681608886	Stable	8	2	No	0.276088256	0.00	0.681608886	Stable
PTX06-1185	647878.41	3751139.83	DCE12C	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	DCA12	7/10/2017	11/1/2021	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1185	647878.41	3751139.83	TCLME	7/10/2017	11/1/2021	0	10	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX06-1185	647878.41	3751139.83	B	7/10/2017	11/1/2021	10	0	No	0.254921924	0.00	0.99999974	Decreasing	4	0	No	0.169730945	0.00	0.922493622	Probably Decreasing	10	0	No	0.254921924	0.00	0.99999974	Decreasing	10	0	No	0.254921924	0.00	0.99999974	Decreasing
PTX06-1185	647878.41	3751139.83	CR	7/10/2017	11/1/2021	10	0	No	0.647712603	0.00	0.981561412	Increasing	4	0	No	0.675550253	0.00	0.879863168	No Trend	10	0	No	0.647712603	0.00	0.981561412	Increasing	10	0	No	0.647712603	0.00	0.981561412	Increasing
PTX06-1185	647878.41	3751139.83	CR-6	7/10/2017	11/1/2021	10	0	No	0.192847073	0.00	0.980610642	Decreasing	4	0	No	0.11395951	0.00	0.541397985	Stable	10	0	No	0.192847073	0.00	0.980610642	Decreasing	10	0	No	0.192847073	0.00	0.980610642	Decreasing
PTX06-1190	648281.31	3751439.52	RDX	1/24/2018	10/27/2021	9	0	No	0.568409654	0.00	0.999981257	Increasing	4	0	No	0.240165091	0.00	0.745662052	No Trend	9	0	No	0.568409654	0.00	0.999981257	Increasing	9	0	No	0.568409654	0.00	0.999981257	Increasing
PTX06-1190	648281.31	3751439.52	HMX	1/24/2018	10/27/2021	4	4	No	0.847833542	0.00	0.992370642	Increasing	4	0	No	0.847833542	0.00	0.992370642	Increasing	4	4	Yes	0.847833542	0.00	0.992370642	Increasing	4	4	Yes	0.847833542	0.00	0.992370642	Increasing
PTX06-1190	648281.31	3751439.52	TNT	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT24	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT26	1/24/2018	10/27/2021	8	0	No	0.090265718	0.00	0.932430899	Probably Increasing	4	0	No	0.073169313	0.00	0.889116759	No Trend	8	0	No	0.090265718	0.00	0.932430899	Probably Increasing	8	0	No	0.090265718	0.00	0.932430899	Probably Increasing
PTX06-1190	648281.31	3751439.52	DNT2A	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNT4A	1/24/2018	10/27/2021	9	0	No	0.133800267	0.00	0.98034347	Decreasing	4	0	No	0.066742438	0.00	0.916509601	Probably Decreasing	9	0	No	0.133800267	0.00	0.98034347	Decreasing	9	0	No	0.133800267	0.00	0.98034347	Decreasing
PTX06-1190	648281.31	3751439.52	TNB135	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DNB13	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	PCE	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	TCE	1/24/2018	10/27/2021	9	0	No	0.166679226	0.00	0.856488208	Stable	4	0	No	0.106693756	0.00	0.846908395	Stable	9	0	No	0.166679226	0.00	0.856488208	Stable	9	0	No	0.166679226	0.00	0.856488208	Stable
PTX06-1190	648281.31	3751439.52	DCE12C	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	DCA12	1/24/2018	10/27/2021	5	4	No	0.158288365	0.00	0.889603497	No Trend	4	0	No	0.14380849	0.00	0.769861331	No Trend	5	4	No	0.158288365	0.00	0.889603497	No Trend	5	4	No	0.158288365	0.00	0.889603497	No Trend
PTX06-1190	648281.31	3751439.52	TCLME	1/24/2018	10/27/2021	0	9	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX06-1190	648281.31	3751439.52	B	1/24/2018	10/27/2021	9	0	No	0.396797261	0.00	0.999988431	Increasing	4	0	No	0.043392163	0.00	0.689749523	No Trend	9	0	No	0.396797261	0.00	0.999988431	Increasing	9	0	No	0.396797261	0.00	0.999988431	Increasing
PTX06-1190	648281.31	3751439.52	CR	1/24/2018	10/27/2021	9	0	No	0.110948682	0.00	0.909216036	Probably Increasing	4	0	No	0.043482144	0.00	0.946274315	Probably Decreasing	9	0	No	0.110948682	0.00	0.909216036	Probably Increasing	9	0	No	0.110948682	0.00	0.909216036	Probably Increasing
PTX06-1190	648281.31	3751439.52	CR-6	1/24/2018	10/27/2021	9	0	No	0.119456529	0.00	0.999417692	Increasing	4	0	No	0.060954015	0.00	0.533301619	Stable	9	0	No	0.119456529	0.00	0.999417692	Increasing	9	0	No	0.119456529	0.00	0.999417692	Increasing
PTX06-1192	649119.32	3749893.14	RDX	2/14/2018	8/16/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	HMX	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TNT	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT24	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT26	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT2A	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DNT4A	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TNB135	2/14/2018	8/16/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	DNB13	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	PCE	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect

PTX06-1192	649119.32	3749893.14	TCE	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DCE12C	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	DCA12	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	TCLME	2/14/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1192	649119.32	3749893.14	B	2/14/2018	8/16/2021	8	0	No	0.038831753	0.00	0.694818819	No Trend	4	0	No	0.03676798	0.00	0.732532435	Stable	8	0	No	0.038831753	0.00	0.694818819	No Trend	8	0	No	0.038831753	0.00	0.694818819	No Trend
PTX06-1192	649119.32	3749893.14	CR	2/14/2018	8/16/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1192	649119.32	3749893.14	CR-6	2/14/2018	8/16/2021	8	0	No	1.339294124	0.00	0.810344943	No Trend	4	0	No	0.513382832	0.00	0.903282256	Probably Decreasing	8	0	No	1.339294124	0.00	0.810344943	No Trend	8	0	No	1.339294124	0.00	0.810344943	No Trend
PTX06-1195	649096.79	3751968.74	RDX	2/14/2018	10/26/2021	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1195	649096.79	3751968.74	HMX	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TNT	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT24	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT26	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT2A	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNT4A	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TNB135	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DNB13	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	PCE	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TCE	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DCE12C	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	DCA12	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	TCLME	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	B	2/14/2018	10/26/2021	6	0	No	0.051465015	0.00	1	Increasing	4	0	No	0.052755577	0.00	0.656283309	No Trend	6	0	No	0.051465015	0.00	1	Increasing	6	0	No	0.051465015	0.00	1	Increasing
PTX06-1195	649096.79	3751968.74	CR	2/14/2018	10/26/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1195	649096.79	3751968.74	CR-6	2/14/2018	10/26/2021	6	0	No	0.522127415	0.00	0.806775977	No Trend	4	0	No	0.405681585	0.00	0.767600813	Stable	6	0	No	0.522127415	0.00	0.806775977	No Trend	6	0	No	0.522127415	0.00	0.806775977	No Trend
PTX06-1197	649782.14	3750355.29	RDX	8/20/2018	8/16/2021	7	0	No	0.2643199	0.00	0.999912898	Increasing	4	0	No	0.186436746	0.00	0.984590295	Increasing	7	0	No	0.2643199	0.00	0.999912898	Increasing	7	0	No	0.2643199	0.00	0.999912898	Increasing
PTX06-1197	649782.14	3750355.29	HMX	8/20/2018	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1197	649782.14	3750355.29	TNT	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	DNT24	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	DNT26	8/20/2018	8/16/2021	7	0	No	0.072299236	0.00	0.674687555	No Trend	4	0	No	0.10003351	0.00	0.699336449	No Trend	7	0	No	0.072299236	0.00	0.674687555	No Trend	7	0	No	0.072299236	0.00	0.674687555	No Trend
PTX06-1197	649782.14	3750355.29	DNT2A	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	DNT4A	8/20/2018	8/16/2021	7	0	No	0.110853226	0.00	0.797486644	Stable	4	0	No	0.058611708	0.00	0.854322369	Stable	7	0	No	0.110853226	0.00	0.797486644	Stable	7	0	No	0.110853226	0.00	0.797486644	Stable
PTX06-1197	649782.14	3750355.29	TNB135	8/20/2018	8/16/2021	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1197	649782.14	3750355.29	DNB13	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	PCE	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	TCE	8/20/2018	8/16/2021	4	3	No	0.206655298	0.00	0.793381837	No Trend	4	0	No	0.206655298	0.00	0.793381837	No Trend	4	3	No	0.206655298	0.00	0.793381837	No Trend	4	3	No	0.206655298	0.00	0.793381837	No Trend
PTX06-1197	649782.14	3750355.29	DCE12C	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	DCA12	8/20/2018	8/16/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1197	649782.14	3750355.29	TCLME	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1197	649782.14	3750355.29	B	8/20/2018	8/16/2021	7	0	No	0.068734329	0.00	0.946539147	Probably Increasing	4	0	No	0.057007261	0.00	1	Decreasing	7	0	No	0.068734329	0.00	0.946539147	Probably Increasing	7	0	No	0.068734329	0.00	0.946539147	Probably Increasing
PTX06-1197	649782.14	3750355.29	CR	8/20/2018	8/16/2021	6	1	No	0.275544928	0.00	0.952700472	Decreasing	4	0	No	0.087647105	0.00	0.599185226	No Trend	6	1	No	0.275544928	0.00	0.952700472	Decreasing	6	1	No	0.275544928	0.00	0.952700472	Decreasing
PTX06-1197	649782.14	3750355.29	CR-6	8/20/2018	8/16/2021	7	0	No	0.252970504	0.00	0.844301891	No Trend	4	0	No	0.03959077	0.00	0.698423504	Stable	7	0	No	0.252970504	0.00	0.844301891	No Trend	7	0	No	0.252970504	0.00	0.844301891	No Trend
PTX06-1199	650525.52	3750905.45	RDX	8/20/2018	8/16/2021	7	0	No	0.248338171	0.00	0.997388841	Increasing	4	0	No	0.102650417	0.00	0.92964533	Probably Increasing	7	0	No	0.248338171	0.00	0.997388841	Increasing	7	0	No	0.248338171	0.00	0.997388841	Increasing
PTX06-1199	650525.52	3750905.45	HMX	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	TNT	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT24	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT26	8/20/2018	8/16/2021	7	0	No	0.166217582	0.00	0.996457316	Increasing	4	0	No	0.142269038	0.00	0.94409791	Probably Increasing	7	0	No	0.166217582	0.00	0.996457316	Increasing	7	0	No	0.166217582	0.00	0.996457316	Increasing
PTX06-1199	650525.52	3750905.45	DNT2A	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DNT4A	8/20/2018	8/16/2021	7	0	No	0.200303516	0.00	0.995315641	Increasing	4	0	No	0.097041427	0.00	0.974615359	Increasing	7	0	No	0.200303516	0.00	0.995315641	Increasing	7	0	No	0.200303516	0.00	0.995315641	Increasing
PTX06-1199	650525.52	3750905.45	TNB135	8/20/2018	8/16/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	DNB13	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	PCE	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	TCE	8/20/2018	8/16/2021	7	0	No	0.186540491	0.00	0.520803828	Stable	4	0	No	0.257825921	0.00	0.575084841	No Trend	7	0	No	0.186540491	0.00	0.520803828	Stable	7	0	No	0.186540491	0.00	0.520803828	Stable
PTX06-1199	650525.52	3750905.45	DCE12C	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	DCA12	8/20/2018	8/16/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	TCLME	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1199	650525.52	3750905.45	B	8/20/2018	8/16/2021	7	0	No	0.076081122	0.00	0.736221727	Stable	4	0	No	0.096684833	0.00	0.754087535	Stable	7	0	No	0.076081122	0.00	0.736221727	Stable	7	0	No	0.076081122	0.00	0.736221727	Stable
PTX06-1199	650525.52	3750905.45	CR	8/20/2018	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1199	650525.52	3750905.45	CR-6	8/20/2018	8/16/2021	7	0	No	0.722949737	0.00	0.777049986	No Trend	4	0	No	0.69085748	0.00	0.928279953	Probably Decreasing	7	0	No	0.722949737	0.00	0.777049986	No Trend	7	0	No	0.722949737	0.00	0.777049986	No Trend
PTX06-1200	651557.90	3749356.32	RDX	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	HMX	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TNT	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT24	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT26	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT2A	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DNT4A	1/9/2019	8/23/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1200	651557.90	3749356.32	TNB135	1/9/2019	8/23/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1200	651557.90	3749356.32	DNB13	1/9/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	PCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DCE12C	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	DCA12	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	TCLME	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	B	2/20/2019	8/23/2021	6	0	No	0.070133114	0.00	0.750951901	Stable	4	0	No	0.087743202	0.00	0.81519299	Stable	6	0	No	0.070133114	0.00	0.750951901	Stable	6	0	No	0.070133114	0.00	0.750951901	Stable
PTX06-1200	651557.90	3749356.32	CR	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1200	651557.90	3749356.32	CR-6	2/20/2019	8/23/2021	6	0	No	0.065836301	0.00	0.900741425	Probably Increasing	4	0	No	0.067244718	0.00	0.645656499	No Trend	6	0	No	0.065836301	0.00	0.900741425	Probably Increasing	6	0	No	0.065836301	0.00	0.900741425	Probably Increasing
PTX06-1201	650585.15	3749355.48	RDX	1/14/2019	8/23/2021	7	0	No	0.834507053	0.00	0.999032922	Increasing	4	0	No	0.509407087	0.00	0.957963564	Increasing	7	0	No	0.834507053	0.00	0.999032922	Increasing	7	0	No	0.834507053	0.00	0.999032922	Increasing
PTX06-1201	650585.15	3749355.48	HMX	1/14/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TNT	1/14/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT24	1/14/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT26	1/14/2019	8/23/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1201	650585.15	3749355.48	DNT2A	1/14/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DNT4A	1/14/2019	8/23/2021	7	0	No	0.497105301	0.00	0.996828479	Increasing	4	0	No	0.177914037	0.00	0.917437175	Probably Increasing	7	0	No	0.497105301	0.00	0.996828479	Increasing	7	0	No	0.497105301	0.00	0.996828479	Increasing
PTX06-1201	650585.15	3749355.48	TNB135	1/14/2019	8/23/2021	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1201	650585.15	3749355.48	DNB13	1/14/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	PCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DCE12C	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	DCA12	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	TCLME	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1201	650585.15	3749355.48	B	2/20/2019	8/23/2021	6	0	No	0.073261059	0.00	0.636014077	Stable	4	0	No	0.085405259	0.00	0.897301622	Stable	6	0	No	0.073261059	0.00	0.636014077	Stable	6	0	No	0.073261059	0.00	0.636014077	Stable
PTX06-1201	650585.15	3749355.48	CR	2/20/2019	8/23/2021	4	2	No	0.190502762	0.00	0.593220402	Stable	4	0	No	0.190502762	0.00	0.593220402	Stable	4	2	No	0.190502762	0.00	0.593220402	Stable	4	2	No	0.190502762	0.00	0.593220402	Stable
PTX06-1201	650585.15	3749355.48	CR-6	2/20/2019	8/23/2021	6	0	No	0.156925622	0.00	0.940091267	Probably Increasing	4	0	No	0.021561262	0.00	0.709097356	Stable	6	0	No	0.156925622	0.00	0.940091267	Probably Increasing	6	0	No	0.156925622	0.00	0.940091267	Probably Increasing
PTX06-1202	651358.99	3750361.84	RDX	1/15/2019	8/16/2021	6	1	No	0.188700861	0.00	0.862416425	No Trend	4	0	No	0.129509616	0.00	0.656968335	No Trend	6	1	No	0.188700861	0.00	0.862416425	No Trend	6	1	No	0.188700861	0.00	0.862416425	No Trend
PTX06-1202	651358.99	3750361.84	HMX	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TNT	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT24	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT26	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT2A	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DNT4A	1/15/2019	8/16/2021	7	0	No	0.174189206	0.00	0.997986891	Increasing	4	0	No	0.077249258	0.00	0.675885451	No Trend	7	0	No	0.174189206	0.00	0.997986891	Increasing	7	0	No	0.174189206	0.00	0.997986891	Increasing
PTX06-1202	651358.99	3750361.84	TNB135	1/15/2019	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1202	651358.99	3750361.84	DNB13	1/15/2019	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	PCE	2/21/2019	8/16/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TCE	2/21/2019	8/16/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DCE12C	2/21/2019	8/16/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	DCA12	2/21/2019	8/16/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	TCLME	2/21/2019	8/16/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1202	651358.99	3750361.84	B	2/21/2019	8/16/2021	6	0	No	0.296399957	0.00	0.833634783	No Trend	4	0	No	0.304365602	0.00	0.534915361	No Trend	6	0	No	0.296399957	0.00	0.833634783	No Trend	6	0	No	0.296399957	0.00	0.833634783	No Trend
PTX06-1202	651358.99	3750361.84	CR	2/21/2019	8/16/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1202	651358.99	3750361.84	CR-6	2/21/2019	8/16/2021	6	0	No	0.196184901	0.00	0.988805405	Increasing	4	0	No	0.088127383	0.00	0.877017545	No Trend	6	0	No	0.196184901	0.00	0.988805405	Increasing	6	0	No	0.196184901	0.00	0.988805405	Increasing
PTX06-1203	650588.31	3749879.41	RDX	2/21/2019	8/23/2021	6	0	No	0.35575237	0.00	0.998402352	Increasing	4	0	No	0.226544464	0.00	0.990300872	Increasing	6	0	No	0.35575237	0.00	0.998402352	Increasing	6	0	No	0.35575237	0.00	0.998402352	Increasing
PTX06-1203	650588.31	3749879.41	HMX	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	TNT	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT24	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT26	2/21/2019	8/23/2021	6	0	No	0.020237721	0.00	0.715355984	Stable	4	0	No	0.020804495	0.00	0.795521027	No Trend	6	0	No	0.020237721	0.00	0.715355984	Stable	6	0	No	0.020237721	0.00	0.715355984	Stable
PTX06-1203	650588.31	3749879.41	DNT2A	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DNT4A	2/21/2019	8/23/2021	6	0	No	0.085998206	0.00	0.812750326	No Trend	4	0	No	0.004159774	0.00	1	Decreasing	6	0	No	0.085998206	0.00	0.812750326	No Trend	6	0	No	0.085998206	0.00	0.812750326	No Trend
PTX06-1203	650588.31	3749879.41	TNB135	2/21/2019	8/23/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1203	650588.31	3749879.41	DNB13	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	PCE	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	TCE	2/21/2019	8/23/2021	6	0	No	0.150138676	0.00	0.603906413	No Trend	4	0	No	0.084162541	0.00	0.876486953	Stable	6	0	No	0.150138676	0.00	0.603906413	No Trend	6	0	No	0.150138676	0.00	0.603906413	No Trend
PTX06-1203	650588.31	3749879.41	DCE12C	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	DCA12	2/21/2019	8/23/2021	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1203	650588.31	3749879.41	TCLME	2/21/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1203	650588.31	3749879.41	B	2/21/2019	8/23/2021	6	0	No	0.232957447	0.00	0.921839445	Probably Increasing	4	0	No	0.17986564	0.00	0.598517445	No Trend	6	0	No	0.232957447	0.00	0.921839445	Probably Increasing	6	0	No	0.232957447	0.00	0.921839445	Probably Increasing
PTX06-1203	650588.31	3749879.41	CR	2/21/2019	8/23/2021	5	1	No	0.17472285	0.00	0.785658513	Stable	4	0	No	0.19893954	0.00	0.743459768	Stable	5	1	No	0.17472285	0.00	0.785658513	Stable	5	1	No	0.17472285	0.00	0.785658513	Stable
PTX06-1203	650588.31	3749879.41	CR-6	2/21/2019	8/23/2021	6	0	No	0.029901495	0.00	0.719645836	Stable	4	0	No	0.036004229	0.00	0.849608919	Stable	6	0	No	0.029901495	0.00	0.719645836	Stable	6	0	No	0.029901495	0.00	0.719645836	Stable
PTX06-1204	650997.75	3749051.98	RDX	2/20/2019	8/23/2021	5	2	No	1.066656243	0.00	0.997277103	Increasing	4	0	No	0.976644953	0.01	0.996684645	Increasing	5	2	No	1.066656243	0.00	0.997277103	Increasing	5	2	No	1.066656243	0.00	0.997277103	Increasing
PTX06-1204	650997.75	3749051.98	HMX	2/20/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	TNT	2/20/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT24	2/20/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT26	2/20/2019	8/23/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)

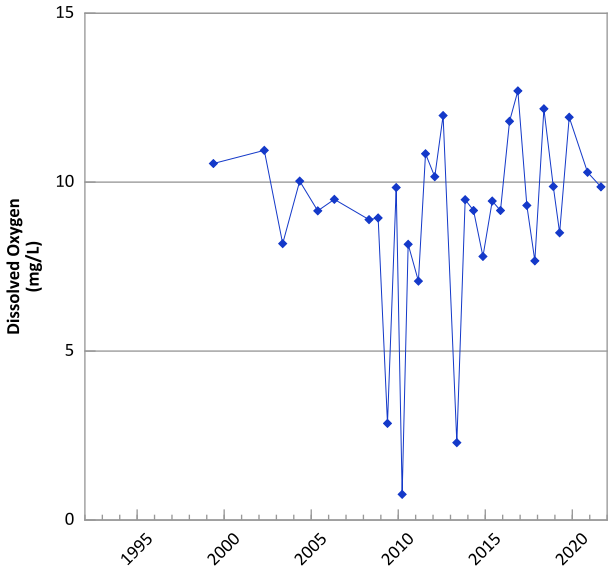
PTX06-1204	650997.75	3749051.98	DNT2A	2/20/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DNT4A	2/20/2019	8/23/2021	7	0	No	0.677592337	0.00	0.999998177	Increasing	4	0	No	0.454749068	0.00	0.971523119	Increasing	7	0	No	0.677592337	0.00	0.999998177	Increasing	7	0	No	0.677592337	0.00	0.999998177	Increasing
PTX06-1204	650997.75	3749051.98	TNB135	2/20/2019	8/23/2021	4	3	No	0.171642374	0.00	0.611881387	Stable	4	0	No	0.171642374	0.00	0.611881387	Stable	4	3	No	0.171642374	0.00	0.611881387	Stable	4	3	No	0.171642374	0.00	0.611881387	Stable
PTX06-1204	650997.75	3749051.98	DNB13	2/20/2019	8/23/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	PCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	TCE	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DCE12C	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	DCA12	2/20/2019	8/23/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1204	650997.75	3749051.98	TCLME	2/20/2019	8/23/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1204	650997.75	3749051.98	B	2/20/2019	8/23/2021	6	0	No	0.081697276	0.00	0.870225243	Stable	4	0	No	0.097092266	0.00	0.751698135	Stable	6	0	No	0.081697276	0.00	0.870225243	Stable	6	0	No	0.081697276	0.00	0.870225243	Stable
PTX06-1204	650997.75	3749051.98	CR	2/20/2019	8/23/2021	6	0	No	0.229390131	0.00	0.996399888	Decreasing	4	0	No	0.087132541	0.00	0.933756179	Probably Decreasing	6	0	No	0.229390131	0.00	0.996399888	Decreasing	6	0	No	0.229390131	0.00	0.996399888	Decreasing
PTX06-1204	650997.75	3749051.98	CR-6	2/20/2019	8/23/2021	6	0	No	0.176445688	0.00	0.950862978	Increasing	4	0	No	0.017546157	0.00	0.639007854	Stable	6	0	No	0.176445688	0.00	0.950862978	Increasing	6	0	No	0.176445688	0.00	0.950862978	Increasing
PTX06-1207	632958.06	3754044.99	RDX	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	HMX	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TNT	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT24	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT26	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT2A	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNT4A	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	TNB135	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DNB13	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DIOXANE14	4/26/2021	11/2/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	PCE	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TCE	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	DCE12C	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	DCA12	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	TCLME	8/17/2020	11/2/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1207	632958.06	3754044.99	PERC	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	B	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	MN	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	AS	4/26/2021	11/2/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1207	632958.06	3754044.99	BA	8/17/2020	11/2/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1208	652081.58	3749472.60	RDX	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	HMX	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TNT	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT24	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT26	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT2A	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNT4A	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TNB135	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DNB13	4/27/2020	8/23/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	PCE	3/2/2021	8/23/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TCE	3/2/2021	8/23/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DCE12C	3/2/2021	8/23/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	DCA12	3/2/2021	8/23/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	TCLME	3/2/2021	8/23/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1208	652081.58	3749472.60	B	3/2/2021	8/23/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1208	652081.58	3749472.60	CR	3/2/2021	8/23/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1208	652081.58	3749472.60	CR-6	3/2/2021	8/23/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	RDX	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	HMX	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	TNT	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT24	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT26	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT2A	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNT4A	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	TNB135	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DNB13	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	DIOXANE14	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	PCE	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	TCE	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	DCE12C	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	DCA12	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	TCLME	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	PERC	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	CR	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1211	635358.50	3755297.21	MN	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	NI	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	MO	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	FE	10/20/2021	10/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1211	635358.50	3755297.21	V	10/20/2021	10/20/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1O03	639046.64	3767462.56	RDX	12/6/1995	8/24/2021	29	0	No	0.451588707	0.00	0.99634534	Decreasing	4	0	No	0.132921555	0.00	0.584400565	Stable	13	0	No	0.239383248	0.00	0.988720319	Increasing	5	0	No	0.135649497	0.00	0.825263514	Stable
PTX07-1O03	639046.64	3767462.56	HMX	12/6/1995	8/24/2021	25	4	No	0.63316861	0.00	0.843589051	No Trend	4	0	No	0.527351827	0.00	0.822395164	Stable	13	0	No	0.495709218	0.00	0.985545189	Increasing	5	0	No	0.457094145	0.00	0.909722275	Probably Decreasing
PTX07-1O03	639046.64	3767462.56	TNT	12/6/1995	8/24/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT24	12/6/1995	8/24/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT26	12/6/1995	8/24/2021	0	29	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNT2A	12/6/1995	8/24/2021	17	11	No	0.247187006	0.00	0.835025887	No Trend	4	0	No	0.227089496	0.00	0.610339519	No Trend	13	0	No	0.205290859	0.00	0.873918356	Stable	5	0	No	0.21848913	0.00	0.700277777	No Trend
PTX07-1O03	639046.64	3767462.56	DNT4A	12/6/1995	8/24/2021	3	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TNB135	12/6/1995	8/24/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DNB13	12/6/1995	8/24/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DIOXANE14	4/27/2006	8/24/2021	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	PCE	12/6/1995	8/24/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TCE	12/6/1995	8/24/2021	8	18	No	0.365056551	0.00	0.788763977	Stable	4	0	No	0.264906471	0.00	0.972412982	Decreasing	8	5	No	0.365056551	0.00	0.788763977	Stable	5	0	No	0.431355929	0.00	0.996356365	Decreasing
PTX07-1O03	639046.64	3767462.56	DCE12C	12/6/1995	8/24/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	DCA12	12/6/1995	8/24/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	TCLME	12/6/1995	8/24/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX07-1O03	639046.64	3767462.56	B	12/6/1995	8/24/2021	26	0	No	0.182937031	0.00	0.999941859	Decreasing	4	0	No	0.042706134	0.00	0.626266532	Stable	13	0	No	0.139029904	0.00	0.714939403	Stable	5	0	No	0.053222449	0.00	0.869233252	Stable
PTX07-1O03	639046.64	3767462.56	CR	12/6/1995	8/24/2021	17	0	No	1.553649654	0.00	0.990253903	Decreasing	4	0	No	1.081932441	-0.01	0.869937528	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	CR-6	12/6/1995	8/24/2021	2	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	NI	12/6/1995	8/24/2021	16	1	No	1.150002318	0.00	0.999772295	Decreasing	4	0	No	0.186029198	0.00	0.690916921	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	AS	12/6/1995	8/24/2021	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	BA	12/6/1995	8/24/2021	22	0	No	0.431240634	0.00	0.999999999	Decreasing	4	0	No	0.029930194	0.00	0.997713362	Decreasing	8	0	No	0.064292375	0.00	0.931426825	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1O03	639046.64	3767462.56	V	12/6/1995	8/24/2021	15	0	No	0.247846238	0.00	1	Decreasing	4	0	No	0.209897006	0.00	0.652114084	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1P02	637817.70	3763019.08	RDX	12/13/1995	11/8/2021	34	5	No	1.378771348	0.00	0.985048603	Decreasing	4	0	No	0.460263832	0.00	0.990455415	Increasing	21	3	No	0.891428577	0.00	0.999982689	Increasing	9	0	No	0.65889309	0.00	0.999928504	Increasing
PTX07-1P02	637817.70	3763019.08	HMX	12/13/1995	11/8/2021	22	17	No	0.664250508	0.00	0.827745115	No Trend	4	0	No	0.388496835	0.00	0.99190384	Increasing	19	5	No	0.665149686	0.00	0.999996347	Increasing	9	0	No	0.574470021	0.00	0.99987958	Increasing
PTX07-1P02	637817.70	3763019.08	TNT	12/13/1995	11/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT24	12/13/1995	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT26	12/13/1995	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT2A	12/13/1995	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNT4A	12/13/1995	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	24	No	0	0.00	0	All Non-Detect	0	9	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TNB135	12/13/1995	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DNB13	12/13/1995	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DIOXANE14	4/27/2006	11/8/2021	22	3	No	0.555808919	0.00	0.999608461	Decreasing	4	0	No	0.260341702	0.00	0.864559036	Stable	22	1	No	0.555808919	0.00	0.999608461	Decreasing	7	1	No	0.351367331	0.00	0.996156566	Decreasing
PTX07-1P02	637817.70	3763019.08	PCE	12/13/1995	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TCE	12/13/1995	11/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DCE12C	12/13/1995	11/8/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	DCA12	12/13/1995	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	TCLME	12/13/1995	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	PERC	1/23/2001	11/8/2021	1	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX07-1P02	637817.70	3763019.08	B	12/13/1995	11/8/2021	37	0	No	0.33632347	0.00	0.999996392	Increasing	4	0	No	0.16869243	0.00	0.999368307	Increasing	23	0	No	0.328692158	0.00	0.999942253	Increasing	8	0	No	0.199370773	0.00	0.999989492	Increasing
PTX07-1P02	637817.70	3763019.08	CR	12/13/1995	11/8/2021	14	3	No	1.023255776	0.00	0.940777198	Probably Decreasing	4	0	No	0.513926468	0.00	0.71863707	Stable	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1P02	637817.70	3763019.08	CR-6	12/13/1995	11/8/2021	3	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1P02	637817.70	3763019.08	NI	12/13/1995	11/8/2021	17	0	No	1.382363407	0.00	0.999997933	Decreasing	4	0	No	0.754553432	-0.01	0.995904814	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1P02	637817.70	3763019.08	AS	12/13/1995	11/8/2021	6	11	No	0.218702246	0.00	0.687661764	Stable	4	0	No	0.161713601	0.00	0.940761012	Probably Increasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1P02	637817.70	3763019.08	BA	12/13/1995	11/8/2021	23	0	No	0.277734105	0.00	0.991671938	Decreasing	4	0	No	0.076429908	0.00	0.518700707	No Trend	9	0	No	0.296953428	0.00	0.870788144	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1P02	637817.70	3763019.08	V	12/13/1995	11/8/2021	15	0	No	0.441014056	0.00	0.978273237	Decreasing	4	0	No	0.615229723	0.00	0.698133067	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	RDX	12/12/1995	7/27/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	HMX	12/12/1995	7/27/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	TNT	12/12/1995	7/27/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DNT24	12/12/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DNT26	12/12/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DNT2A	12/12/1995	7/27/2021	1	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DNT4A	12/12/1995	7/27/2021	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	TNB135	12/12/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DNB13	12/12/1995	7/27/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DIOXANE14	10/27/2005	7/27/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	PCE	12/12/1995	7/27/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	TCE	12/12/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DCE12C	12/12/1995	7/27/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	DCA12	12/12/1995	7/27/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q01	629274.83	3755836.12	TCLME	12/12/1995	7/27/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect

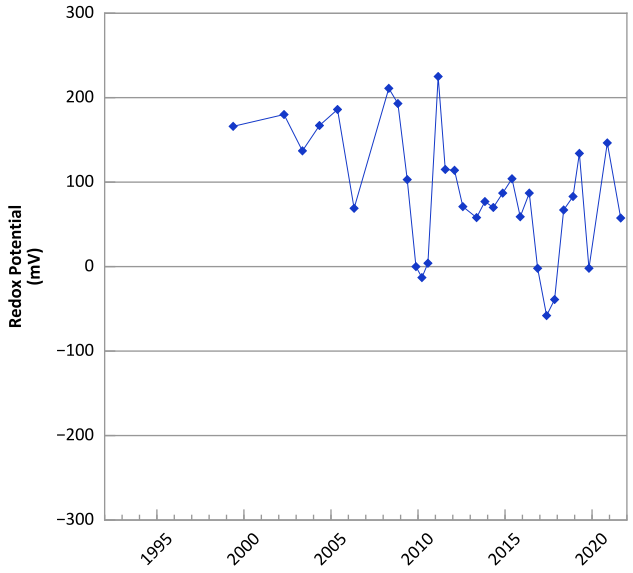
PTX07-1Q01	629274.83	3755836.12	B	12/12/1995	7/27/2021	22	0	No	0.203095835	0.00	0.964758922	Decreasing	4	0	No	0.120565195	0.00	0.523630517	Stable	12	0	No	0.230999013	0.00	0.617725773	No Trend	4	0	No	0.120565195	0.00	0.573016016	Stable
PTX07-1Q01	629274.83	3755836.12	CR	12/12/1995	7/27/2021	9	4	No	0.6619982	0.00	0.983163846	Decreasing	4	0	No	0.291419735	0.00	0.697579808	No Trend	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	CR-6	12/12/1995	7/27/2021	5	12	No	1.185331506	0.00	0.903813396	Probably Decreasing	4	0	No	1.602293957	0.00	0.674057354	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	MN	12/12/1995	7/27/2021	8	8	No	0.694403088	0.00	0.732956153	Stable	4	0	No	0.873224161	0.00	0.812878642	No Trend	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	NI	12/12/1995	7/27/2021	5	8	No	1.373425747	0.00	0.905231366	Probably Decreasing	4	0	No	1.290442432	0.00	0.916968096	Probably Decreasing	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	AL	12/12/1995	7/27/2021	7	9	No	0.814394372	0.00	0.575586728	No Trend	4	0	No	0.765869191	0.00	0.695001335	No Trend	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	AS	12/12/1995	7/27/2021	4	9	No	0.161820304	0.00	1	Increasing	4	0	No	0.161820304	0.00	1	Increasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	BA	12/12/1995	7/27/2021	17	0	No	0.384803583	0.00	0.739123222	Stable	4	0	No	0.579549978	0.00	0.807410668	No Trend	7	0	No	0.586536084	0.00	0.933912928	Probably Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	CA	12/12/1995	7/27/2021	13	0	No	0.493814485	0.00	0.940134733	Probably Decreasing	4	0	No	0.480079339	0.00	0.892029075	No Trend	6	0	No	0.52366554	0.00	0.967104427	Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	FE	12/12/1995	7/27/2021	9	7	No	0.671798792	0.00	0.823982146	Stable	4	0	No	0.851397887	0.01	0.792632414	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q01	629274.83	3755836.12	K	12/12/1995	7/27/2021	14	0	No	0.336156036	0.00	0.699977562	No Trend	4	0	No	0.151626144	0.00	0.810533091	Stable	6	0	No	0.334037647	0.00	0.959806678	Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	MG	12/12/1995	7/27/2021	16	0	No	0.245629881	0.00	0.936641283	Probably Increasing	4	0	No	0.089853348	0.00	0.963443961	Increasing	6	0	No	0.306969665	0.00	0.954611255	Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	NA	12/12/1995	7/27/2021	14	0	No	0.281515696	0.00	1	Increasing	4	0	No	0.05167724	0.00	0.864906472	Stable	6	0	No	0.227832924	0.00	0.847235016	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q01	629274.83	3755836.12	V	12/12/1995	7/27/2021	12	0	No	0.369983552	0.00	1	Decreasing	4	0	No	0.426119477	0.00	0.980701016	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	RDX	11/1/1995	7/27/2021	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	HMX	11/1/1995	7/27/2021	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	TNT	11/1/1995	7/27/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DNT24	11/1/1995	7/27/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DNT26	11/1/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DNT2A	11/1/1995	7/27/2021	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DNT4A	11/1/1995	7/27/2021	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	TNB135	11/1/1995	7/27/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DNB13	11/1/1995	7/27/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DIOXANE14	10/27/2005	7/27/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	PCE	11/1/1995	7/27/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	TCE	11/1/1995	7/27/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DCE12C	11/1/1995	7/27/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	DCA12	11/1/1995	7/27/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	TCLME	11/1/1995	7/27/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX07-1Q02	628876.97	3756408.66	B	11/1/1995	7/27/2021	20	1	No	0.133489392	0.00	0.998353652	Increasing	4	0	No	0.146694117	0.00	0.559921602	No Trend	12	0	No	0.102879665	0.00	0.678250743	No Trend	4	0	No	0.146694117	0.00	0.608907394	Stable
PTX07-1Q02	628876.97	3756408.66	CR	11/1/1995	7/27/2021	7	5	No	0.441284165	0.00	0.855073477	Stable	4	0	No	0.56602146	0.00	0.67286491	Stable	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	CR-6	11/1/1995	7/27/2021	5	11	No	1.591976699	0.00	0.894356803	No Trend	4	0	No	0.25326856	0.00	0.92897104	Probably Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	MN	11/1/1995	7/27/2021	7	8	No	0.502043349	0.00	0.997588996	Decreasing	4	0	No	0.549234993	0.00	0.999127228	Decreasing	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	NI	11/1/1995	7/27/2021	6	6	No	1.116517158	0.00	0.959286219	Decreasing	4	0	No	1.558834534	0.00	0.733670805	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	AL	11/1/1995	7/27/2021	6	9	No	0.957456198	0.00	0.755015408	Stable	4	0	No	0.462737355	0.00	0.843093063	No Trend	0	6	No	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	AS	11/1/1995	7/27/2021	4	8	No	0.23283952	0.00	0.807460024	No Trend	4	0	No	0.23283952	0.00	0.807460024	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	BA	11/1/1995	7/27/2021	16	0	No	0.281512519	0.00	0.934471905	Probably Increasing	4	0	No	0.012520088	0.00	0.861446849	No Trend	7	0	No	0.048254357	0.00	0.99385447	Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	CA	11/1/1995	7/27/2021	12	0	No	0.223891308	0.00	0.91883911	Probably Increasing	4	0	No	0.039728501	0.00	0.719179941	No Trend	6	0	No	0.034891394	0.00	0.868719009	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	FE	11/1/1995	7/27/2021	10	5	No	0.484485996	0.00	0.589149001	No Trend	4	0	No	0.135574857	0.00	0.630797778	Stable	3	3	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX07-1Q02	628876.97	3756408.66	K	11/1/1995	7/27/2021	13	0	No	0.075212314	0.00	1	Decreasing	4	0	No	0.039881495	0.00	1	Decreasing	6	0	No	0.040689922	0.00	0.955136919	Decreasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	MG	11/1/1995	7/27/2021	15	0	No	0.08175123	0.00	1	Increasing	4	0	No	0.046184175	0.00	0.86261714	No Trend	6	0	No	0.071502395	0.00	0.953569566	Increasing	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	NA	11/1/1995	7/27/2021	13	0	No	0.074328618	0.00	1	Increasing	4	0	No	0.0420022	0.00	0.597682722	Stable	6	0	No	0.067066199	0.00	0.776516505	No Trend	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1Q02	628876.97	3756408.66	V	11/1/1995	7/27/2021	11	0	No	0.269134458	0.00	0.99005657	Increasing	4	0	No	0.092073673	0.00	0.557592527	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	RDX	12/11/1995	5/10/2021	18	8	No	1.893963308	0.00	0.999427437	Increasing	4	0	No	1.395916671	0.00	0.970962934	Decreasing	12	0	No	1.477716066	0.00	0.696687518	No Trend	5	0	No	1.453299847	0.00	0.855296867	No Trend
PTX08-1001	638941.45	3762976.26	HMX	12/11/1995	5/10/2021	13	13	No	1.432456044	0.00	0.899156231	No Trend	4	0	No	1.191326412	0.00	0.972168797	Decreasing	12	0	No	1.389688851	0.00	0.809894122	No Trend	5	0	No	1.321628041	0.00	0.641186394	No Trend
PTX08-1001	638941.45	3762976.26	TNT	12/11/1995	5/10/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT24	12/11/1995	5/10/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT26	12/11/1995	5/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT2A	12/11/1995	5/10/2021	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNT4A	12/11/1995	5/10/2021	3	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	TNB135	12/11/1995	5/10/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DNB13	12/11/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DIOXANE14	4/27/2006	5/10/2021	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	PCE	12/11/1995	5/10/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	TCE	12/11/1995	5/10/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DCE12C	12/11/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	DCA12	12/11/1995	5/10/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	TCLME	12/11/1995	5/10/2021	0	24	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1001	638941.45	3762976.26	PERC	4/19/2001	5/10/2021	14	6	No	0.61328412	0.00	0.999614964	Decreasing	4	0	No	0.628648391	0.00	0.681485636	Stable	6	6	Yes	0.472389427	0.00	0.923293037	Probably Decreasing	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	B	12/11/1995	5/10/2021	28	0	No	0.756411248	0.00	0.999949284	Increasing	4	0	No	0.261364037	0.00	0.926894703	Probably Decreasing	12	0	No	0.399914918	0.00	0.901960763	Probably Increasing	5	0	No	0.251146977	0.00	0.71034155	Stable
PTX08-1001	638941.45	3762976.26	CR	12/11/1995	5/10/2021	19	1	No	1.409145047	0.00	0.824928312	No Trend	4	0	No	1.488273258	-0.02	0.994665888	Decreasing	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1001	638941.45	3762976.26	CR-6	12/11/1995	5/10/2021	6	14	No	1.342307896	0.00	0.97070588	Decreasing	4	0	No	1.449666944	0.00	0.648089939	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	NI	12/11/1995	5/10/2021	20	0	No	1.807923681	0.00	0.993640462	Decreasing	4	0	No	1.660472927	-0.02	0.987847746	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	AS	12/11/1995	5/10/2021	2	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	BA	12/11/1995	5/10/2021	24	1	No	0.305777321	0.00	0.979452496	Increasing	4	0	No	0.08463704	0.00	0.747553622	No Trend	8	0	No	0.16288988	0.00	0.988321392	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1001	638941.45	3762976.26	V	12/11/1995	5/10/2021	18	0	No	0.420405775	0.00	0.67375263	No Trend	4	0	No	0.205926697	0.00	0.92177798	Probably Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	RDX	12/14/1995	11/8/2021	39	1	No	0.932178014	0.00	0.999955147	Decreasing	4	0	No	1.588564281	0.00	0.562947698	No Trend	20	0	No	0.904245182	0.00	0.99778901	Decreasing	8	0	No	1.754435014	0.00	0.752040659	No Trend
PTX08-1002	640859.00	3763003.22	HMX	12/14/1995	11/8/2021	39	1	No	1.184180005	0.00	1	Decreasing	4	0	No	0.851588222	-0.01	0.762802554	Stable	20	0	No	0.659799316	0.00	0.911776709	Probably Decreasing	8	0	No	0.637654238	0.00	0.793475112	Stable
PTX08-1002	640859.00	3763003.22	TNT	12/14/1995	11/8/2021	36	4	No	0.759523604	0.00	0.961988304	Decreasing	4	0	No	0.24235692	0.00	0.526321794	No Trend	19	1	No	1.000733639	0.00	0.992138447	Increasing	7	1	No	0.495304703	0.00	0.961884305	Decreasing
PTX08-1002	640859.00	3763003.22	DNT24	12/14/1995	11/8/2021	34	5	No	1.250701523	0.00	1	Decreasing	4	0	No	0.154418116	0.00	0.588831364	No Trend	18	2	No	0.490158524	0.00	0.638994761	Stable	7	1	No	0.453873983	0.00	0.931499955	Probably Decreasing
PTX08-1002	640859.00	3763003.22	DNT26	12/14/1995	11/8/2021	4	34	No	1.87941533	0.00	0.967820733	Decreasing	4	0	No	1.87941533	0.00	0.967820733	Decreasing	3	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	DNT2A	12/14/1995	11/8/2021	32	6	No	0.942086588	0.00	0.999983222	Decreasing	4	0	No	1.289791095	0.01	0.899787577	No Trend	19	1	No	0.745563951	0.00	0.982123105	Decreasing	7	1	No	1.081525779	0.00	0.695040641	No Trend
PTX08-1002	640859.00	3763003.22	DNT4A	12/14/1995	11/8/2021	26	12	No	0.874053261	0.00	0.586141674	Stable	4	0	No	0.790360276	0.00	0.726324431	No Trend	19	1	No	0.863769389	0.00	0.977371307	Decreasing	7	1	No	0.592885698	0.00	0.563122975	Stable
PTX08-1002	640859.00	3763003.22	TNB135	12/14/1995	11/8/2021	36	4	No	0.952994795	0.00	0.902807726	Probably Decreasing	4	0	No	0.187228165	0.00	0.710354949	No Trend	19	1	No	0.835924306	0.00	0.99722775	Increasing	7	1	No	0.306169297	0.00	0.776781675	Stable
PTX08-1002	640859.00	3763003.22	DNB13	12/14/1995	11/8/2021	3	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DIOXANE14	11/1/2005	11/8/2021	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1002	640859.00	3763003.22	PCE	12/14/1995	11/8/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	TCE	12/14/1995	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DCE12C	12/14/1995	11/8/2021	0	33	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	DCA12	12/14/1995	11/8/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	TCLME	12/14/1995	11/8/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	B	12/14/1995	11/8/2021	38	0	No	0.347762706	0.00	1	Decreasing	4	0	No	0.345697352	0.00	0.945029879	Probably Increasing	20	0	No	0.274393702	0.00	0.999821348	Decreasing	8	0	No	0.274409158	0.00	0.922928355	Probably Increasing
PTX08-1002	640859.00	3763003.22	CR	12/14/1995	11/8/2021	23	18	No	1.286941756	0.00	0.876640064	No Trend	4	0	No	1.875062426	0.00	0.968024794	Decreasing	5	15	No	1.977294919	0.00	0.903519193	Probably Decreasing	0	8	No	0	0.00	0	All Non-Detect
PTX08-1002	640859.00	3763003.22	CR-6	3/5/1996	11/8/2021	9	31	No	1.856568598	0.00	0.999994896	Decreasing	4	0	No	0.442833235	0.00	0.989767891	Increasing	7	13	No	0.329037858	0.00	0.831941252	No Trend	7	1	No	0.329037858	0.00	0.831941252	No Trend
PTX08-1002	640859.00	3763003.22	NI	12/14/1995	11/8/2021	26	1	No	1.831774781	0.00	0.973915686	Decreasing	4	0	No	0.704518596	0.00	0.82588042	Stable	8	0	No	0.705040149	0.00	0.981513421	Decreasing	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	AS	12/14/1995	11/8/2021	10	11	No	0.899012291	0.00	1	Decreasing	4	0	No	1.04733632	0.00	0.74192184	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	BA	12/14/1995	11/8/2021	30	0	No	0.245120975	0.00	0.997742203	Decreasing	4	0	No	0.299721404	0.00	0.886005745	Stable	9	0	No	0.380179726	0.00	0.77556948	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1002	640859.00	3763003.22	V	12/14/1995	11/8/2021	22	0	No	0.410926012	0.00	0.876384632	Stable	4	0	No	0.325699606	0.00	0.918285086	Probably Increasing	8	0	No	0.32979861	0.00	0.860059509	No Trend	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1003	635385.36	3760136.56	RDX	11/29/1995	3/3/2021	14	14	No	0.265316434	0.00	0.859933641	No Trend	4	0	No	0.159633827	0.00	0.736273613	Stable	14	0	No	0.265316434	0.00	0.859933641	No Trend	5	0	No	0.250327275	0.00	0.936233066	Probably Decreasing
PTX08-1003	635385.36	3760136.56	HMX	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TNT	11/29/1995	3/3/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT24	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT26	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT2A	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNT4A	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TNB135	11/29/1995	3/3/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DNB13	11/29/1995	3/3/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DIOXANE14	11/11/2002	3/3/2021	8	10	No	0.316906643	0.00	0.688363363	No Trend	4	0	No	0.088484514	0.00	0.641801851	No Trend	8	6	No	0.316906643	0.00	0.688363363	No Trend	5	0	No	0.134390285	0.00	0.935757786	Probably Increasing
PTX08-1003	635385.36	3760136.56	PCE	11/29/1995	3/3/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TCE	11/29/1995	3/3/2021	12	16	No	0.704667834	0.00	0.997757921	Decreasing	4	0	No	0.283465813	0.00	0.96304004	Decreasing	12	2	No	0.704667834	0.00	0.997757921	Decreasing	4	1	No	0.283465813	0.00	0.971609145	Decreasing
PTX08-1003	635385.36	3760136.56	DCE12C	11/29/1995	3/3/2021	6	18	No	0.340466136	0.00	0.953608463	Decreasing	4	0	No	0.406124874	0.00	0.91036518	Probably Decreasing	6	8	No	0.340466136	0.00	0.953608463	Decreasing	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	DCA12	11/29/1995	3/3/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	TCLME	11/29/1995	3/3/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1003	635385.36	3760136.56	PERC	10/19/2000	3/3/2021	23	0	No	0.556191352	0.00	1	Decreasing	4	0	No	0.078419412	0.00	0.843220077	Stable	14	0	No	0.232902184	0.00	0.996582219	Decreasing	5	0	No	0.072167876	0.00	0.686446424	Stable
PTX08-1003	635385.36	3760136.56	B	11/29/1995	3/3/2021	27	1	No	0.161470316	0.00	0.99999075	Increasing	4	0	No	0.083950547	0.00	0.963533813	Increasing	14	0	No	0.146351058	0.00	0.999751895	Increasing	5	0	No	0.107270036	0.00	0.999888953	Increasing
PTX08-1005	635316.66	3756346.19	RDX	11/29/1995	3/3/2021	32	8	No	1.806688891	0.00	0.999896083	Decreasing	4	0	No	0.873432441	0.00	0.951092299	Decreasing	16	7	No	1.274362391	0.00	0.764662411	No Trend	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	HMX	11/29/1995	3/3/2021	33	7	No	2.394842689	0.00	0.999999914	Decreasing	4	0	No	1.34872717	0.00	0.778819747	No Trend	18	5	No	1.679331805	0.00	0.555655329	No Trend	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	TNT	11/29/1995	3/3/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT24	11/29/1995	3/3/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT26	11/29/1995	3/3/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT2A	11/29/1995	3/3/2021	11	29	No	0.801904702	0.00	0.99998496	Decreasing	4	0	No	0.320777847	0.00	0.891877393	Stable	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNT4A	11/29/1995	3/3/2021	29	11	No	0.578946246	0.00	0.649677321	No Trend	4	0	No	0.868209466	0.00	0.885952251	Stable	12	11	No	0.489222363	0.00	0.870286916	Stable	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TNB135	11/29/1995	3/3/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DNB13	11/29/1995	3/3/2021	0	40	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	DIOXANE14	11/6/2003	3/3/2021	20	10	No	0.632740403	0.00	0.892649031	Stable	4	0	No	1.059651864	0.00	0.97800315	Decreasing	15	8	No	0.570901305	0.00	0.999875472	Decreasing	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	PCE	11/29/1995	3/3/2021	23	18	No	0.545134542	0.00	0.705603198	Stable	4	0	No	0.626327895	0.00	0.927611445	Probably Decreasing	13	10	No	0.612528586	0.00	0.716820209	No Trend	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TCE	11/29/1995	3/3/2021	43	0	No	0.622594438	0.00	0.997165698	Decreasing	4	0	No	0.690679388	-0.01	0.976610774	Decreasing	23	0	No	0.775098983	0.00	0.999999767	Decreasing	8	0	No	0.475716811	0.00	0.998092432	Decreasing
PTX08-1005	635316.66	3756346.19	DCE12C	11/29/1995	3/3/2021	30	8	No	0.692564119	0.00	0.996399322	Decreasing	4	0	No	0.243252128	0.00	0.813724147	Stable	20	3	No	0.787343273	0.00	0.999999982	Decreasing	5	3	No	0.228149841	0.00	0.927080877	Probably Decreasing
PTX08-1005	635316.66	3756346.19	DCA12	11/29/1995	3/3/2021	29	13	No	0.602498987	0.00	0.999679872	Decreasing	4	0	No	0.887708779	0.00	0.984804777	Decreasing	14	9	No	0.53579773	0.00	0.9951239	Decreasing	0	8	No	0	0.00	0	All Non-Detect
PTX08-1005	635316.66	3756346.19	TCLME	11/29/1995	3/3/2021	35	6	No	0.784138321	0.00	0.999993603	Decreasing	4	0	No	0.286761863	0.00	0.936994507	Probably Decreasing	23	0	No	0.892333819	0.00	0.999999839	Decreasing	8	0	No	0.188156297	0.00	0.883262616	Stable
PTX08-1005	635316.66	3756346.19	PERC	4/25/2000	3/3/2021	26	8	No	1.654853141	0.00	0.999999992	Decreasing	4	0	No	1.485582431	0.00	0.835445929	No Trend	15	8	No	0.792801402	0.00	0.998131814	Decreasing	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	B	11/29/1995	3/3/2021	37	0	No	0.169178516	0.00	0.999995222	Increasing	4	0	No	0.073062125	0.00	0.935123541	Probably Increasing	23	0	No	0.136573296	0.00	0.999998865	Increasing	8	0	No	0.086716043	0.00	0.995686377	Increasing
PTX08-1005	635316.66	3756346.19	CR	11/29/1995	3/3/2021	30	2	No	0.755701586	0.00	0.878600718	Stable	4	0	No	0.141493553	0.00	0.945635997	Probably Increasing	14	1	No	1.017061893	0.00	0.998430487	Decreasing	7	1	No	0.206239442	0.00	0.997552843	Increasing
PTX08-1005	635316.66	3756346.19	CR-6	3/5/1996	3/3/2021	20	7	No	1.501038171	0.00	0.983033691	Decreasing	4	0	No	0.149458201	0.00	0.916735983	Probably Increasing	15	0	No	1.790649908	0.00	0.999112345	Decreasing	8	0	No	0.140022156	0.00	0.989102704	Increasing
PTX08-1005	635316.66	3756346.19	NI	11/29/1995	3/3/2021	15	4	No	1.313412392	0.00	0.999035009	Decreasing	4	0	No	0.557504972	0.00	0.939057335	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	AS	11/29/1995	3/3/2021	9	9	No	0.231115968	0.00	1	Decreasing	4	0	No	0.253427314	0.00	0.548547219	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	BA	11/29/1995	3/3/2021	26	0	No	0.108162953	0.00	0.974938821	Decreasing	4	0	No	0.103411748	0.00	0.919103663	Probably Decreasing	9	0	No	0.111871456	0.00	0.955524035	Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1005	635316.66	3756346.19	V	11/29/1995	3/3/2021	16	0	No	0.11739693	0.00	1	Decreasing	4	0	No	0.109371308	0.00	0.982453581	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	RDX	11/28/1995	8/10/2021	41	3	No	1.003521166	0.00	0.962303073	Increasing	4	0	No	0.159467481	0.00	0.54905627	No Trend	25	0	No	0.852907313	0.00	1	Decreasing	10	0	No	0.560109738	0.00	0.999892493	Decreasing
PTX08-1006	636400.41	3756761.86	HMX	11/28/1995	8/10/2021	32	12	No	0.949360887	0.00	0.999771229	Increasing	4	0	No	0.652798746	0.00	0.937075828	Probably Decreasing	25	0	No	0.78367168	0.00	0.86946684	No Trend	10	0	No	0.465269869	0.00	0.963420565	Decreasing
PTX08-1006	636400.41	3756761.86	TNT	11/28/1995	8/10/2021	1	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect

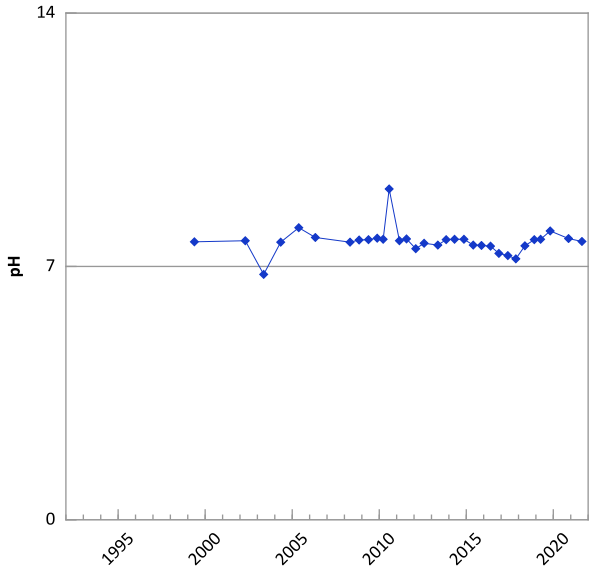
PTX08-1006	636400.41	3756761.86	DNT24	11/28/1995	8/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DNT26	11/28/1995	8/10/2021	7	37	No	0.587213139	0.00	0.999046412	Decreasing	4	0	No	0.050386842	0.00	1	Decreasing	5	20	No	0.26618562	0.00	0.944246869	Probably Decreasing	0	10	No	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DNT2A	11/28/1995	8/10/2021	24	20	No	2.489623975	0.00	0.653875905	No Trend	4	0	No	0.163560883	0.00	0.585940452	No Trend	23	2	No	0.972777167	0.00	1	Increasing	10	0	No	0.445208004	0.00	0.999329874	Increasing
PTX08-1006	636400.41	3756761.86	DNT4A	11/28/1995	8/10/2021	42	2	No	0.720838674	0.00	0.999999976	Decreasing	4	0	No	0.119509555	0.00	0.888866237	No Trend	25	0	No	1.014669958	0.00	0.999862167	Decreasing	10	0	No	0.641221474	0.00	0.999884036	Decreasing
PTX08-1006	636400.41	3756761.86	TNB135	11/28/1995	8/10/2021	3	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	9	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	DNB13	11/28/1995	8/10/2021	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	25	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1006	636400.41	3756761.86	DIOXANE14	11/11/2002	8/10/2021	33	1	No	0.830814183	0.00	1	Decreasing	4	0	No	0.229155969	0.00	0.675376037	Stable	24	1	No	1.068773089	0.00	1	Decreasing	9	1	No	0.699814621	0.00	0.996835927	Decreasing
PTX08-1006	636400.41	3756761.86	PCE	11/28/1995	8/10/2021	36	10	No	0.870707936	0.00	0.999964156	Decreasing	4	0	No	0.20459607	0.00	0.652039649	No Trend	23	2	No	1.036810788	0.00	1	Decreasing	8	2	No	0.337886394	0.00	0.935271959	Probably Decreasing
PTX08-1006	636400.41	3756761.86	TCE	11/28/1995	8/10/2021	46	1	No	0.944967833	0.00	0.999999995	Increasing	4	0	No	0.620869887	0.00	0.861502808	No Trend	25	0	No	0.637851758	0.00	0.999977758	Increasing	10	0	No	0.573924643	0.00	0.841853193	No Trend
PTX08-1006	636400.41	3756761.86	DCE12C	11/28/1995	8/10/2021	31	11	No	0.53597397	0.00	0.999989273	Decreasing	4	0	No	0.179511737	0.00	0.570200685	Stable	18	7	No	0.600223685	0.00	0.999972447	Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	DCA12	11/28/1995	8/10/2021	45	0	No	0.741799106	0.00	0.999999959	Decreasing	4	0	No	0.339250548	0.00	0.784118516	No Trend	25	0	No	0.735829806	0.00	1	Decreasing	10	0	No	0.581285459	0.00	0.993065808	Decreasing
PTX08-1006	636400.41	3756761.86	TCLME	11/28/1995	8/10/2021	44	1	No	0.727824992	0.00	0.910436375	Probably Decreasing	4	0	No	0.062034392	0.00	0.734334299	Stable	25	0	No	0.68172463	0.00	0.999979475	Decreasing	10	0	No	0.179074589	0.00	0.967516342	Increasing
PTX08-1006	636400.41	3756761.86	PERC	4/25/2000	8/10/2021	39	0	No	0.995095707	0.00	0.994120697	Decreasing	4	0	No	0.550362502	0.00	0.510037762	Stable	25	0	No	0.974335524	0.00	1	Decreasing	10	0	No	1.173516118	0.00	0.998251265	Decreasing
PTX08-1006	636400.41	3756761.86	B	11/28/1995	8/10/2021	40	0	No	0.161669243	0.00	0.999999992	Increasing	4	0	No	0.071192812	0.00	0.738224308	Stable	25	0	No	0.109866112	0.00	0.733173242	No Trend	10	0	No	0.147019553	0.00	0.999163751	Increasing
PTX08-1006	636400.41	3756761.86	CR	11/28/1995	3/3/2021	18	3	No	0.371496959	0.00	0.994802402	Decreasing	4	0	No	0.265574584	0.00	0.773511295	Stable	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	CR-6	3/5/1996	3/3/2021	8	11	No	1.945658203	0.00	0.961681486	Decreasing	4	0	No	0.286046638	0.00	0.961466056	Increasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	NI	11/28/1995	3/3/2021	12	9	No	0.88677084	0.00	0.999174595	Decreasing	4	0	No	0.358140616	0.00	0.6960845	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1006	636400.41	3756761.86	AS	11/28/1995	3/3/2021	9	10	No	0.540051527	0.00	0.700348719	No Trend	4	0	No	0.623711397	0.00	0.798592997	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	BA	11/28/1995	3/3/2021	27	0	No	0.158979582	0.00	0.999853452	Decreasing	4	0	No	0.091683419	0.00	0.510723318	Stable	9	0	No	0.11950317	0.00	0.988070332	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1006	636400.41	3756761.86	V	11/28/1995	3/3/2021	18	0	No	0.104720798	0.00	1	Decreasing	4	0	No	0.068117984	0.00	0.994629301	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	RDX	3/11/1996	5/12/2021	16	4	No	0.567791942	0.00	0.968247864	Increasing	4	0	No	0.08510297	0.00	1	Decreasing	12	0	No	0.4239309	0.00	0.934474359	Probably Decreasing	5	0	No	0.12577867	0.00	0.900939282	Probably Decreasing
PTX08-1007	638900.04	3758440.46	HMX	3/11/1996	5/12/2021	11	9	No	0.402566167	0.00	0.627639821	Stable	4	0	No	0.212987013	0.00	0.919051987	Probably Decreasing	11	1	No	0.402566167	0.00	0.627639821	Stable	5	0	No	0.209692578	0.00	0.977904144	Decreasing
PTX08-1007	638900.04	3758440.46	TNT	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT24	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT26	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT2A	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNT4A	3/11/1996	5/12/2021	3	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	9	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	TNB135	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DNB13	3/11/1996	5/12/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DIOXANE14	8/7/2002	5/12/2021	11	2	No	1.146660706	0.00	0.93144577	Probably Increasing	4	0	No	1.118438618	0.00	0.974718338	Increasing	11	1	No	1.146660706	0.00	0.93144577	Probably Increasing	5	0	No	1.216924204	0.00	0.986447317	Increasing
PTX08-1007	638900.04	3758440.46	PCE	3/11/1996	5/12/2021	15	8	No	0.791796541	0.00	0.997293863	Decreasing	4	0	No	0.15429215	0.00	0.880656612	No Trend	12	0	No	0.287317924	0.00	0.719580311	Stable	5	0	No	0.150155949	0.00	0.977435112	Increasing
PTX08-1007	638900.04	3758440.46	TCE	3/11/1996	5/12/2021	23	0	No	0.277748311	0.00	0.92013977	Probably Increasing	4	0	No	0.021291115	0.00	0.683988002	Stable	12	0	No	0.294737529	0.00	0.597618801	No Trend	5	0	No	0.049477625	0.00	0.954377361	Decreasing
PTX08-1007	638900.04	3758440.46	DCE12C	3/11/1996	5/12/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX08-1007	638900.04	3758440.46	DCA12	3/11/1996	5/12/2021	20	3	No	1.744189778	0.00	0.99970321	Increasing	4	0	No	0.5836034	0.00	0.971859094	Increasing	12	0	No	1.383438947	0.00	0.999993763	Increasing	5	0	No	0.707913232	0.00	0.999878475	Increasing
PTX08-1007	638900.04	3758440.46	TCLME	3/11/1996	5/12/2021	23	0	No	0.982028577	0.00	0.995887318	Increasing	4	0	No	0.358081948	0.00	0.903415429	Probably Increasing	12	0	No	0.906903088	0.00	0.999890375	Increasing	5	0	No	0.431870635	0.00	0.999924036	Increasing
PTX08-1007	638900.04	3758440.46	PERC	4/23/2001	5/12/2021	11	6	No	0.270300704	0.00	0.821932348	Stable	4	0	No	0.112652749	0.00	0.909319461	Probably Increasing	8	4	No	0.193345432	0.00	0.999985147	Increasing	5	0	No	0.129689892	0.00	0.990302562	Increasing
PTX08-1007	638900.04	3758440.46	B	12/20/1995	5/12/2021	21	1	No	0.425490022	0.00	0.999999942	Increasing	4	0	No	0.039757635	0.00	0.793338732	Stable	12	0	No	0.180439398	0.00	0.733339757	No Trend	5	0	No	0.044383277	0.00	0.898944938	Stable
PTX08-1007	638900.04	3758440.46	CR	12/20/1995	5/12/2021	21	4	No	2.211375715	0.00	0.755835889	No Trend	4	0	No	0.59541932	-0.01	0.90078397	Probably Decreasing	9	4	No	2.139840123	0.00	0.996045389	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	CR-6	3/11/1996	5/12/2021	14	8	No	2.521643427	0.00	0.886816106	No Trend	4	0	No	0.037902553	0.00	0.986454031	Decreasing	9	4	No	2.090273999	0.00	0.999957036	Decreasing	5	0	No	1.012647069	0.00	0.927187505	Probably Decreasing
PTX08-1007	638900.04	3758440.46	NI	12/20/1995	5/12/2021	18	0	No	2.266367771	0.00	0.820944792	No Trend	4	0	No	0.387698969	0.00	0.737956166	Stable	6	0	No	2.250244677	0.00	0.930784931	Probably Decreasing	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	AS	12/20/1995	5/12/2021	8	5	No	0.866975935	0.00	1	Decreasing	4	0	No	0.274428706	0.00	0.56995027	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	BA	12/20/1995	5/12/2021	20	0	No	0.189601028	0.00	0.993085301	Decreasing	4	0	No	0.064850479	0.00	0.578785159	No Trend	8	0	No	0.126106927	0.00	0.854969081	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1007	638900.04	3758440.46	V	12/20/1995	5/12/2021	18	0	No	1.422019403	0.00	1	Increasing	4	0	No	0.080478417	0.00	0.545767838	No Trend	6	0	No	0.085945047	0.00	0.717464112	Stable	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	RDX	11/14/1995	11/10/2021	5	42	No	1.657571221	0.00	0.834451475	No Trend	4	0	No	1.55451987	0.00	0.847036589	No Trend	3	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	HMX	11/14/1995	11/10/2021	1	46	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	TNT	11/14/1995	11/10/2021	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT24	11/14/1995	11/10/2021	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT26	11/14/1995	11/10/2021	1	46	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT2A	11/14/1995	11/10/2021	1	46	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNT4A	11/14/1995	11/10/2021	18	29	No	1.012332303	0.00	0.988270984	Increasing	4	0	No	0.371872233	0.00	0.904183577	Probably Increasing	8	18	No	0.868552377	0.00	0.999998693	Increasing	8	2	No	0.868552377	0.00	0.999998693	Increasing
PTX08-1008	637485.10	3755695.51	TNB135	11/14/1995	11/10/2021	0	47	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DNB13	11/14/1995	11/10/2021	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DIOXANE14	2/10/2004	11/10/2021	13	22	No	0.837798627	0.00	0.999629787	Increasing	4	0	No	0.328697602	0.00	0.763692262	No Trend	12	14	No	0.789376312	0.00	0.999989463	Increasing	10	0	No	0.740185441	0.00	0.999992766	Increasing
PTX08-1008	637485.10	3755695.51	PCE	11/14/1995	11/10/2021	4	39	No	1.08022669	0.00	0.861595128	No Trend	4	0	No	1.08022669	0.00	0.861595128	No Trend	4	22	No	1.08022669	0.00	0.861595128	No Trend	4	6	No	1.08022669	0.00	0.861595128	No Trend
PTX08-1008	637485.10	3755695.51	TCE	11/14/1995	11/10/2021	18	29	No	1.803949494	0.00	0.999776048	Increasing	4	0	No	0.974259554	0.00	0.657839027	No Trend	11	15	No	1.570370294	0.00	0.999275793	Increasing	8	2	No	1.317161043	0.00	0.996410057	Increasing
PTX08-1008	637485.10	3755695.51	DCE12C	11/14/1995	11/10/2021	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	26	No	0	0.00	0	All Non-Detect	0	10	No	0	0.00	0	All Non-Detect
PTX08-1008	637485.10	3755695.51	DCA12	11/14/1995	11/10/2021	6	36	No	1.24807659	0.00	0.973530728	Increasing	4	0	No	1.011420753	0.00	0.800201868	No Trend	6	20	No	1.24807659	0.00	0.973530728	Increasing	6	4	No	1.24807659	0.00	0.973530728	Increasing
PTX08-1008	637485.10	3755695.51	TCLME	11/14/1995	11/10/2021	28	14	No	0.984842558	0.00	0.720816648	Stable	4	0	No	1.046389057	0.00	0.863700108	No Trend	18	8	No	1.365360422	0.00	0.999551873	Increasing	4	6	No	1.046389057	0.00	0.831472454	No Trend
PTX08-1008	637485.10	3755695.51	PERC	8/23/1999	11/10/2021	23	20	No	0.900717807	0.00	0.999996317	Increasing	4	0	No	0.182026909	0.00	0.60977255	Stable	22	4	No	0.858316057	0.00	0.999999976	Increasing	10	0	No	0.20053945	0.00	0.957840394	Decreasing
PTX08-1008	637485.10	3755695.51	B	11/14/1995	11/10/2021	52	0	No	0.189820094	0.00	1	Increasing	4	0	No	0.121777902	0.00	0.717346405	Stable	26	0	No	0.11876682	0.00	1	Decreasing	10	0	No	0.075895466	0.00	0.62392191	Stable
PTX08-1008	637485.10	3755695.51	CR	11/14/1995	11/10/2021	53	0	No	1.304000853	0.00	1	Decreasing	4	0	No	0.363645775	0.00	0.996198358	Decreasing	26	0	No	0.718634204	0.00	0.999999998	Decreasing	10	0	No	0.711183554	0.00	0.999999145	Decreasing
PTX08-1008	637485.10	3755695.51	CR-6	11/14/1995	11/10/2021	53	0	No	1.244606108	0.00	1	Decreasing	4	0	No	0.346628543	0.00	0.98134713	Decreasing	25	0	No	0.778369352	0.00	0.999999999	Decreasing	10	0	No	0.690239667	0.00	0.999997691	Decreasing
PTX08-1008	637485.10	3755695.51	MN	11/14/1995	11/10/2021	29	23	No	0.807835168	0.00	0.689831701	No Trend	4	0	No	0.542242993	0.00	0.711882335	Stable	19	7	No	0.668301234	0.00	0.985958059	Decreasing	4	6	No	0.542242993	0.00	0.769156563	Stable
PTX08-1008	637485.10	3755695.51	NI	11/14/1995	11/10/2021	39	12	No	1.708308679	0.00	0.999999128	Decreasing	4	0	No	0.445591957	0.00	0.970774426	Decreasing	19	7	No	0.475313337	0.00	0.999808083	Decreasing	4	6	No	0.445591957	0.00	0.929777995	Probably Decreasing
PTX08-1008	637485.10	3755695.51	MO	11/14/1995	11/10/2021	44	7	No	3.507436202	0.00	0.9949366	Decreasing	4	0	No	0.037426699	0.00	0.616653902	No Trend	26	0	No	0.110467411	0.00	0.999984128	Decreasing	10	0	No	0.057774952	0.00	0.994362755	Decreasing
PTX08-1008	637485.10	3755695.51	AS	11/14/1995	5/11/2021	15	12	No	0.490859162	0.00	0.684056161	Stable	4	0	No	0.266101169	0.00	0.846545163	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	BA	11/14/1995	5/11/2021	34	1	No	0.285058837	0.00	0.93585679	Probably Decreasing	4	0	No	0.084555648	0.00	0.933136192	Probably Increasing	9	0	No	0.093876451	0.00	0.823591423	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	FE	11/14/1995	11/10/2021	33	17	No	0.700353697	0.00	0.981723864	Increasing	4	0	No	0.616912084	0.00	0.961835516	Decreasing	18	8	No	0.609315973	0.00	0.998101605	Decreasing	3	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1008	637485.10	3755695.51	V	11/14/1995	11/10/2021	45	0	No	0.133308067	0.00	0.895341622	No Trend	4	0	No	0.056287026	0.00	0.90835724	Probably Decreasing	26	0	No	0.080516584	0.00	0.975537763	Decreasing	10	0	No	0.047820329	0.00	0.673480818	Stable
PTX08-1009	638866.95	3755275.01	RDX	11/14/1995	3/1/2021	25	14	No	3.424146933	0.00	0.999005951	Decreasing	4	0	No	0.682638323	0.00	0.837702342	No Trend	19	4	No	0.788487676	0.00	0.998188697	Decreasing	5	3	No	0.685332067	0.00	0.900519836	Probably Increasing
PTX08-1009	638866.95	3755275.01	HMX	11/14/1995	3/1/2021	10	29	No	1.166948066	0.00	0.908803556	Probably Increasing	4	0	No	0.939314213	-0.01	0.938709877	Probably Decreasing	10	13	No	1.166948066	0.00	0.908803556	Probably Increasing	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TNT	11/14/1995	3/1/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT24	11/14/1995	3/1/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT26	11/14/1995	3/1/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT2A	11/14/1995	3/1/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DNT4A	11/14/1995	3/1/2021	9	30	No	0.859240749	0.00	0.687947231	No Trend	4	0	No	0.822474028	0.00	0.961224127	Decreasing	2	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TNB135	11/14/1995	3/1/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	DNB13	11/14/1995	3/1/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DIOXANE14	4/29/2004	3/1/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1009	638866.95	3755275.01	PCE	11/14/1995	3/1/2021	0	41	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TCE	11/14/1995	3/1/2021	17	25	No	0.590702295	0.00	0.999725053	Decreasing	4	0	No	0.090703953	0.00	0.829017229	Stable	3	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DCE12C	11/14/1995	3/1/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	DCA12	11/14/1995	3/1/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	TCLME	11/14/1995	3/1/2021	14	26	No	0.661736085	0.00	0.828357005	Stable	4	0	No	0.624157556	0.00	0.88428016	Stable	8	15	No	0.49105859	0.00	0.525140497	Stable	0	8	No	0	0.00	0	All Non-Detect
PTX08-1009	638866.95	3755275.01	PERC	2/22/2001	3/1/2021	4	9	No	0.373035433	0.00	0.813367101	Stable	4	0	No	0.373035433	0.00	0.813367101	Stable	4	2	No	0.373035433	0.00	0.813367101	Stable	4	2	No	0.373035433	0.00	0.813367101	Stable
PTX08-1009	638866.95	3755275.01	B	11/14/1995	3/1/2021	39	0	No	0.130448394	0.00	0.999698868	Increasing	4	0	No	0.067005939	0.00	0.87295827	No Trend	23	0	No	0.086112902	0.00	1	Decreasing	8	0	No	0.053131463	0.00	0.62708322	Stable
PTX08-1009	638866.95	3755275.01	CR	11/14/1995	3/1/2021	40	2	No	2.28950472	0.00	0.999999999	Decreasing	4	0	No	0.345181878	0.00	0.792984885	Stable	21	2	No	0.781644496	0.00	0.973327349	Increasing	8	0	No	0.628869633	0.00	0.999858527	Decreasing
PTX08-1009	638866.95	3755275.01	CR-6	11/14/1995	3/1/2021	31	10	No	1.870045356	0.00	0.999999999	Decreasing	4	0	No	0.426949194	0.00	0.844624791	Stable	14	9	No	0.550985963	0.00	0.948501854	Probably Decreasing	8	0	No	0.691217316	0.00	0.999827062	Decreasing
PTX08-1009	638866.95	3755275.01	MN	11/14/1995	3/1/2021	23	17	No	1.874521029	0.00	0.940613507	Probably Increasing	4	0	No	0.426194086	0.00	0.602720546	No Trend	12	11	No	1.52188086	0.00	0.959139012	Decreasing	4	4	Yes	0.426194086	0.00	1	Increasing
PTX08-1009	638866.95	3755275.01	NI	11/14/1995	3/1/2021	30	10	No	1.247627494	0.00	0.999998518	Decreasing	4	0	No	0.109432465	0.00	1	Decreasing	16	7	No	0.751682623	0.00	0.784747547	Stable	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	MO	11/14/1995	3/1/2021	37	4	No	0.177853071	0.00	0.973176888	Increasing	4	0	No	0.064152	0.00	1	Increasing	23	0	No	0.07170431	0.00	0.999534983	Decreasing	8	0	No	0.044656909	0.00	0.82423013	Stable
PTX08-1009	638866.95	3755275.01	AS	11/14/1995	3/1/2021	11	8	No	0.314324904	0.00	0.68803001	No Trend	4	0	No	0.27262304	0.00	0.9669494	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	BA	11/14/1995	3/1/2021	26	1	No	0.107778241	0.00	0.998700489	Increasing	4	0	No	0.020853489	0.00	0.734299186	No Trend	9	0	No	0.083192126	0.00	0.994368399	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	FE	11/14/1995	3/1/2021	31	10	No	0.861415552	0.00	0.976696562	Increasing	4	0	No	0.470971254	0.00	0.610913928	Stable	16	7	No	0.802145668	0.00	0.911203456	Probably Decreasing	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1009	638866.95	3755275.01	V	11/14/1995	3/1/2021	39	0	No	0.07784031	0.00	1	Increasing	4	0	No	0.02422782	0.00	0.878853682	Stable	23	0	No	0.074708148	0.00	0.970144605	Decreasing	8	0	No	0.063659751	0.00	0.745519659	No Trend
PTX08-1010	641401.47	3773206.74	RDX	11/1/1995	7/21/2021	4	24	No	0.659639777	0.00	0.882439785	No Trend	4	0	No	0.659639777	0.00	0.882439785	No Trend	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	HMX	11/1/1995	7/21/2021	16	14	No	0.477720612	0.00	0.958627224	Decreasing	4	0	No	0.525691638	0.00	0.943287064	Probably Decreasing	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	TNT	11/1/1995	7/21/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DNT24	11/1/1995	7/21/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DNT26	11/1/1995	7/21/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DNT2A	11/1/1995	7/21/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DNT4A	11/1/1995	7/21/2021	0	28	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	TNB135	11/1/1995	7/21/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DNB13	11/1/1995	7/21/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DIOXANE14	8/9/2005	7/21/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	PCE	11/1/1995	7/21/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	TCE	11/1/1995	7/21/2021	3	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DCE12C	11/1/1995	7/21/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	DCA12	11/1/1995	7/21/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	TCLME	11/1/1995	7/21/2021	6	16	No	0.302001648	0.00	0.879713803	Stable	4	0	No	0.10331957	0.00	0.54696111	No Trend	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	B	11/1/1995	7/21/2021	24	0	No	0.13541554	0.00	0.805189301	Stable	4	0	No	0.249574309	0.00	0.815960569	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	CR	11/1/1995	7/21/2021	19	7	No	0.749238856	0.00	0.681943891	Stable	4	0	No	0.962873706	0.00	0.835658605	Stable	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	CR-6	11/1/1995	7/21/2021	8	20	No	1.496897908	0.00	0.970758221	Decreasing	4	0	No	0.251882771	0.00	0.584368613	Stable	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	MN	11/1/1995	7/21/2021	11	15	No	0.89687742	0.00	0.745652695	No Trend	4	0	No	0.524486617	0.00	0.550398785	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	NI	11/1/1995	7/21/2021	19	6	No	0.90114292	0.00	0.808632715	Stable	4	0	No	0.349060926	0.00	0.920532994	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	AL	11/1/1995	7/21/2021	13	13	No	1.54766657	0.00	0.964927284	Decreasing	4	0	No	0.674257893	0.00	0.797560402	No Trend	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	AS	11/1/1995	7/21/2021	8	16	No	0.36623636	0.00	0.601423728	No Trend	4	0	No	0.091095955	0.00	0.552512097	No Trend	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	BA	11/1/1995	7/21/2021	26	0	No	0.370606469	0.00	0.998934768	Increasing	4	0	No	0.143659378	0.00	0.802099315	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	CA	11/1/1995	7/21/2021	14	0	No	0.277282861	0.00	0.956895775	Increasing	4	0	No	0.116328067	0.00	0.666601917	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	FE	11/1/1995	7/21/2021	15	10	No	0.981161446	0.00	0.988403126	Increasing	4	0	No	0.141391203	0.00	0.996344286	Decreasing	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX08-1010	641401.47	3773206.74	K	11/1/1995	7/21/2021	17	0	No	0.129420816	0.00	0.872093679	Stable	4	0	No	0.056239316	0.00	0.836593193	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	MG	11/1/1995	7/21/2021	26	0	No	0.158899574	0.00	0.935748926	Probably Increasing	4	0	No	0.144650302	0.00	0.923865849	Probably Decreasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	NA	11/1/1995	7/21/2021	17	0	No	0.233302002	0.00	0.955352703	Decreasing	4	0	No	0.221882659	0.00	0.995132556	Increasing	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX08-1010	641401.47	3773206.74	V	11/1/1995	7/21/2021	20	0	No	0.187259899	0.00	1	Increasing	4	0	No	0.090095971	0.00	0.721344094	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX10-1014	639701.73	3759769.72	RDX	11/28/1995	8/18/2021	17	3	No	1.423584133	0.00	0.997773441	Decreasing	4	0	No	0.580928867	0.00	0.547495597	No Trend	12	0	No	0.45539247	0.00	1	Increasing	5	0	No	0.603638484	0.00	0.716142924	No Trend
PTX10-1014	639701.73	3759769.72	HMX	11/28/1995	8/18/2021	12	8	No	2.726885582	0.00	0.999975522	Decreasing	4	0	No	0.313597499	0.00	0.718820807	No Trend	10	2	No	0.247321931	0.00	0.614337109	Stable	4	1	No	0.313597499	0.00	0.897194895	No Trend
PTX10-1014	639701.73	3759769.72	TNT	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT24	7/7/1992	8/18/2021	0	21	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT26	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT2A	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNT4A	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect

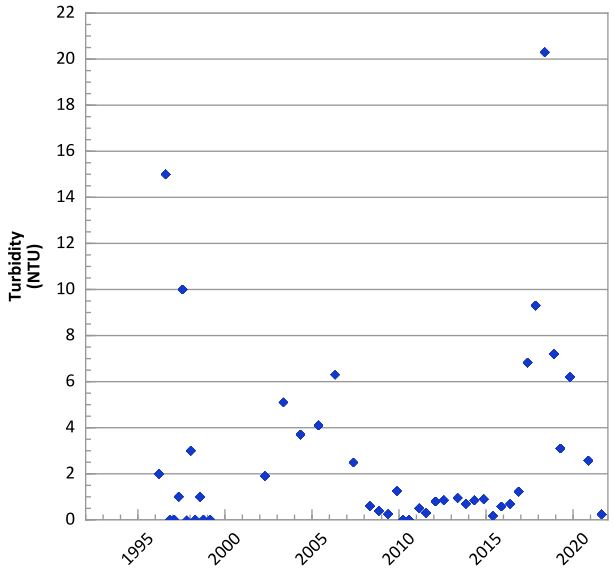
PTX10-1014	639701.73	3759769.72	TNB135	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DNB13	11/28/1995	8/18/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DIOXANE14	5/23/2002	8/18/2021	7	6	No	0.465537635	0.00	0.736265266	Stable	4	0	No	0.46756714	0.00	0.537231539	Stable	7	5	No	0.465537635	0.00	0.736265266	Stable	5	0	No	0.53693902	0.00	0.676609687	No Trend
PTX10-1014	639701.73	3759769.72	PCE	7/7/1992	8/18/2021	12	11	No	0.499813193	0.00	0.849036463	Stable	4	0	No	0.627493062	0.00	0.792228643	No Trend	12	0	No	0.499813193	0.00	0.849036463	Stable	5	0	No	0.632559302	0.00	0.898819236	No Trend
PTX10-1014	639701.73	3759769.72	TCE	7/7/1992	8/18/2021	22	1	No	0.534168858	0.00	1	Decreasing	4	0	No	0.60833014	0.00	0.918322197	Probably Increasing	12	0	No	0.542240607	0.00	0.819158424	Stable	5	0	No	0.623607163	0.00	0.960550679	Increasing
PTX10-1014	639701.73	3759769.72	DCE12C	11/28/1995	8/18/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	DCA12	7/7/1992	8/18/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX10-1014	639701.73	3759769.72	TCLME	7/7/1992	8/18/2021	10	13	No	0.496492559	0.00	0.997925881	Decreasing	4	0	No	0.1555415	0.00	0.694697967	No Trend	10	2	No	0.496492559	0.00	0.997925881	Decreasing	4	1	No	0.1555415	0.00	0.638157323	No Trend
PTX10-1014	639701.73	3759769.72	PERC	7/31/2000	8/18/2021	13	3	No	0.711006361	0.00	0.999968621	Decreasing	4	0	No	0.117675537	0.00	0.534643148	Stable	9	3	No	0.155787478	0.00	0.695701748	Stable	5	0	No	0.122312455	0.00	0.771239824	Stable
PTX10-1014	639701.73	3759769.72	B	11/28/1995	8/18/2021	23	0	No	0.617454391	0.00	0.87581187	No Trend	4	0	No	0.228093894	0.00	0.590433527	Stable	12	0	No	0.24699425	0.00	0.808525487	No Trend	5	0	No	0.217667431	0.00	0.548476499	No Trend
PTX10-1014	639701.73	3759769.72	CR	7/7/1992	8/18/2021	22	2	No	1.651121922	0.00	0.999995807	Decreasing	4	0	No	0.393908622	0.00	0.551607302	Stable	11	1	No	0.862251289	0.00	0.908933785	Probably Increasing	5	0	No	0.388393918	0.00	0.762909292	Stable
PTX10-1014	639701.73	3759769.72	CR-6	11/28/1995	8/18/2021	9	12	No	0.952632891	0.00	0.955810976	Decreasing	4	0	No	0.727878586	0.00	0.943600676	Probably Decreasing	8	4	No	0.799237102	0.00	1	Decreasing	5	0	No	0.767777401	0.00	0.942762312	Probably Decreasing
PTX10-1014	639701.73	3759769.72	MN	11/28/1995	8/18/2021	22	1	No	1.29908232	0.00	0.997295369	Decreasing	4	0	No	0.586596428	0.01	0.938116381	Probably Increasing	11	1	No	1.255185328	0.00	0.929660217	Probably Decreasing	4	1	No	0.586596428	0.00	0.955207355	Increasing
PTX10-1014	639701.73	3759769.72	NI	11/28/1995	8/18/2021	23	0	No	0.683635196	0.00	0.999627757	Decreasing	4	0	No	0.827701308	0.01	0.788311852	No Trend	12	0	No	1.129699226	0.00	0.954785867	Decreasing	5	0	No	0.862632402	0.00	0.832932688	No Trend
PTX10-1014	639701.73	3759769.72	MO	11/28/1995	8/18/2021	23	0	No	0.85900663	0.00	0.998205681	Decreasing	4	0	No	0.157154297	0.00	0.88706821	Stable	12	0	No	0.246765399	0.00	0.989204828	Decreasing	5	0	No	0.142158793	0.00	0.939195805	Probably Decreasing
PTX10-1014	639701.73	3759769.72	AS	7/7/1992	8/18/2021	11	4	No	0.919813801	0.00	1	Increasing	4	0	No	0.671131378	-0.01	0.876682837	Stable	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX10-1014	639701.73	3759769.72	BA	7/7/1992	8/18/2021	20	0	No	0.330960446	0.00	0.998152477	Decreasing	4	0	No	0.140784494	0.00	0.772336187	No Trend	8	0	No	0.150619984	0.00	0.857224034	No Trend	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX10-1014	639701.73	3759769.72	FE	11/28/1995	8/18/2021	23	0	No	1.490292073	0.00	0.999991718	Decreasing	4	0	No	0.495413933	0.00	0.718699656	No Trend	12	0	No	0.88189635	0.00	1	Decreasing	5	0	No	0.461464104	0.00	0.517147984	Stable
PTX10-1014	639701.73	3759769.72	V	11/28/1995	8/18/2021	23	0	No	1.293642435	0.00	0.997378004	Decreasing	4	0	No	0.066073054	0.00	0.80993496	No Trend	12	0	No	0.399961735	0.00	0.996332946	Increasing	5	0	No	0.087201448	0.00	0.65744412	Stable

1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



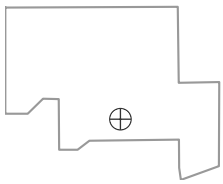






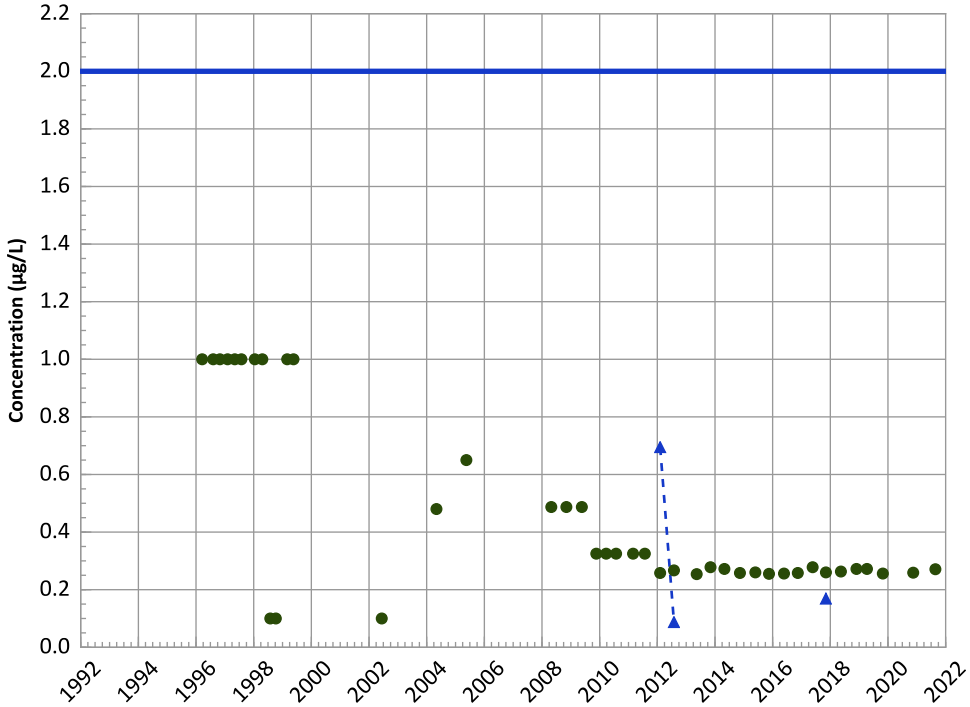
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

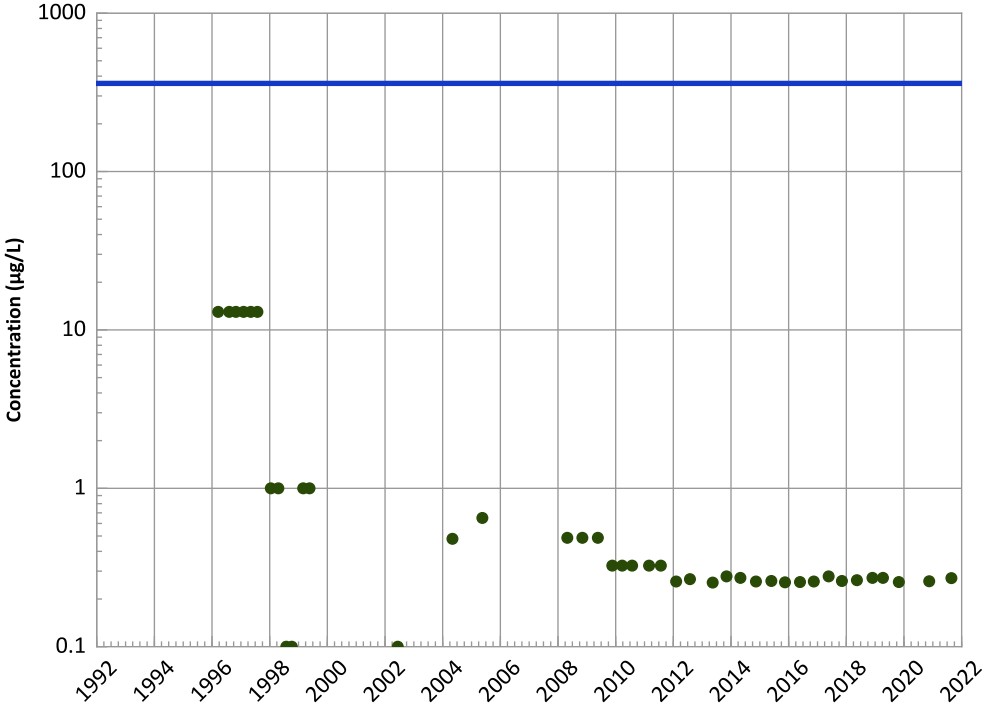


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

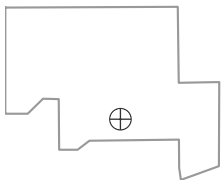
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

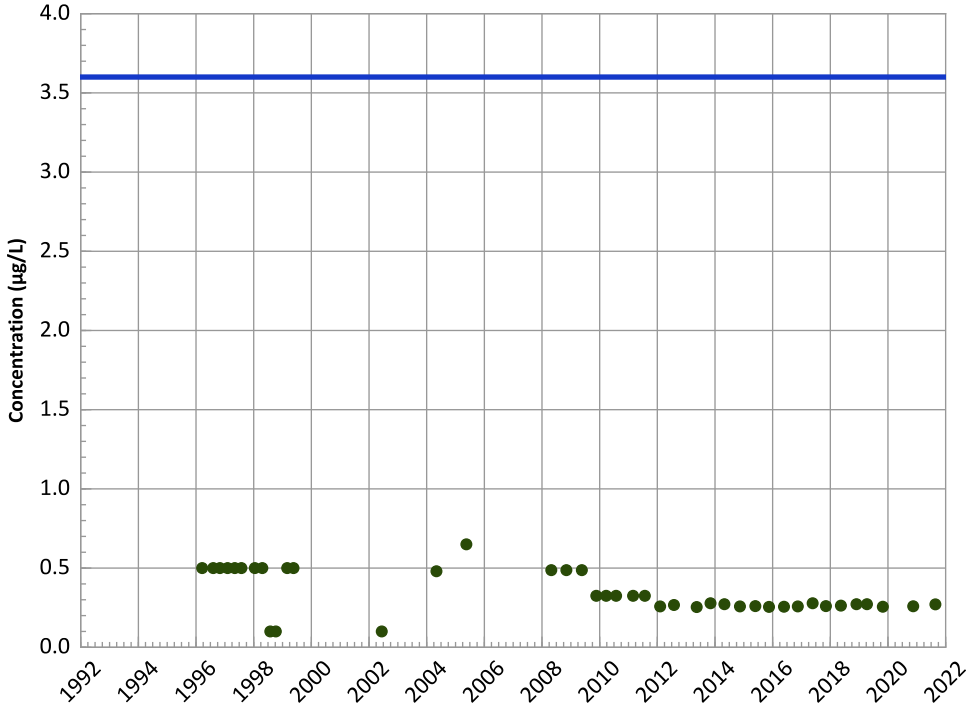
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

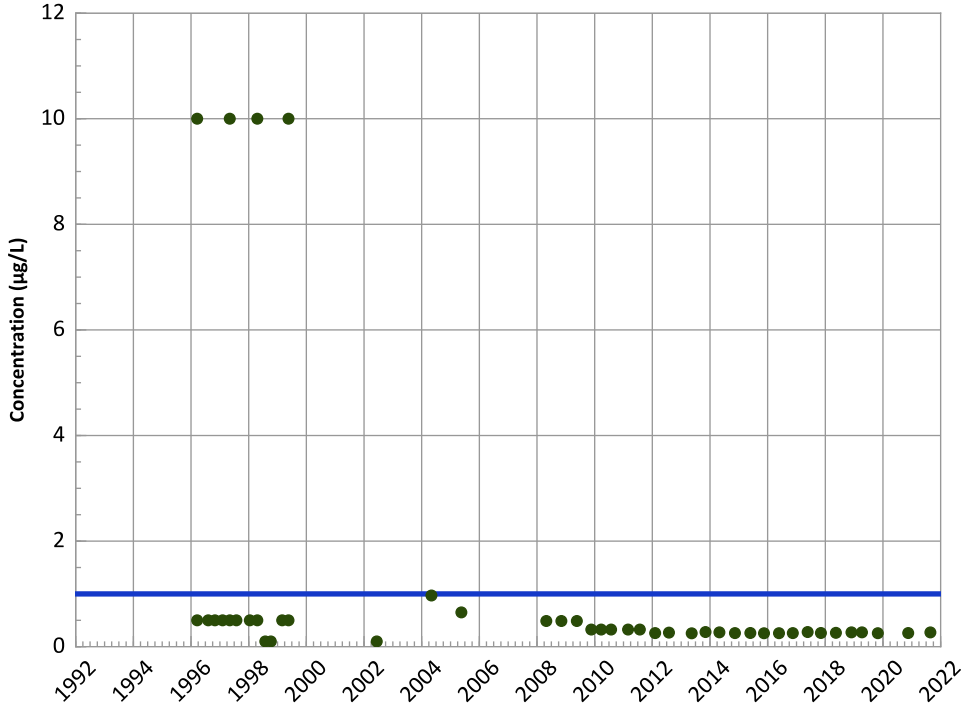


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

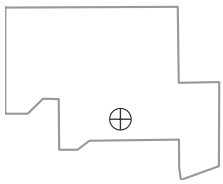
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

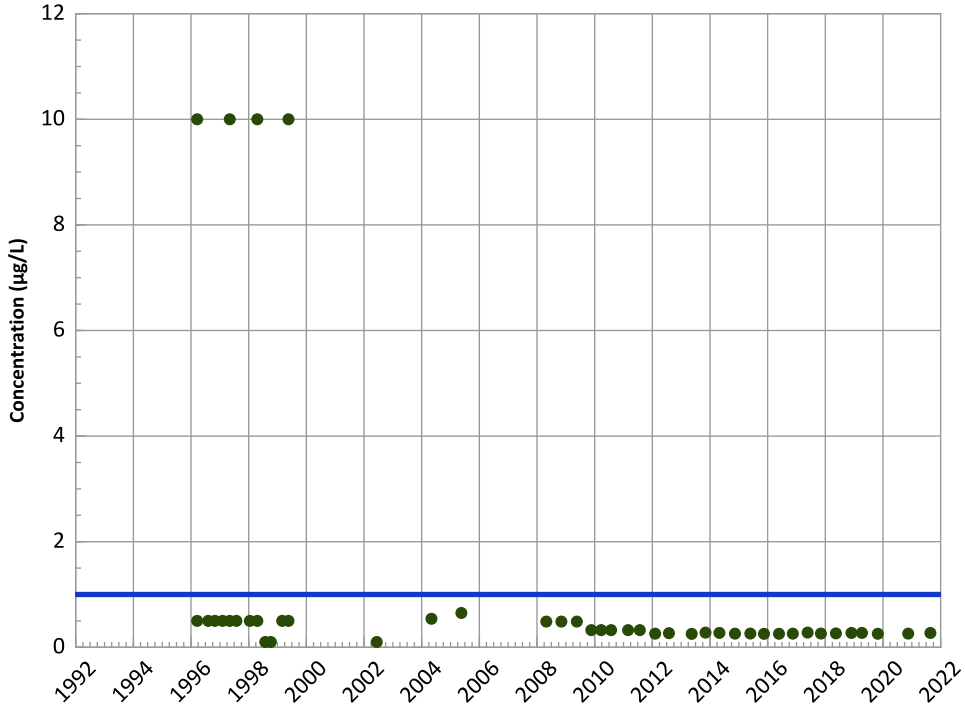
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

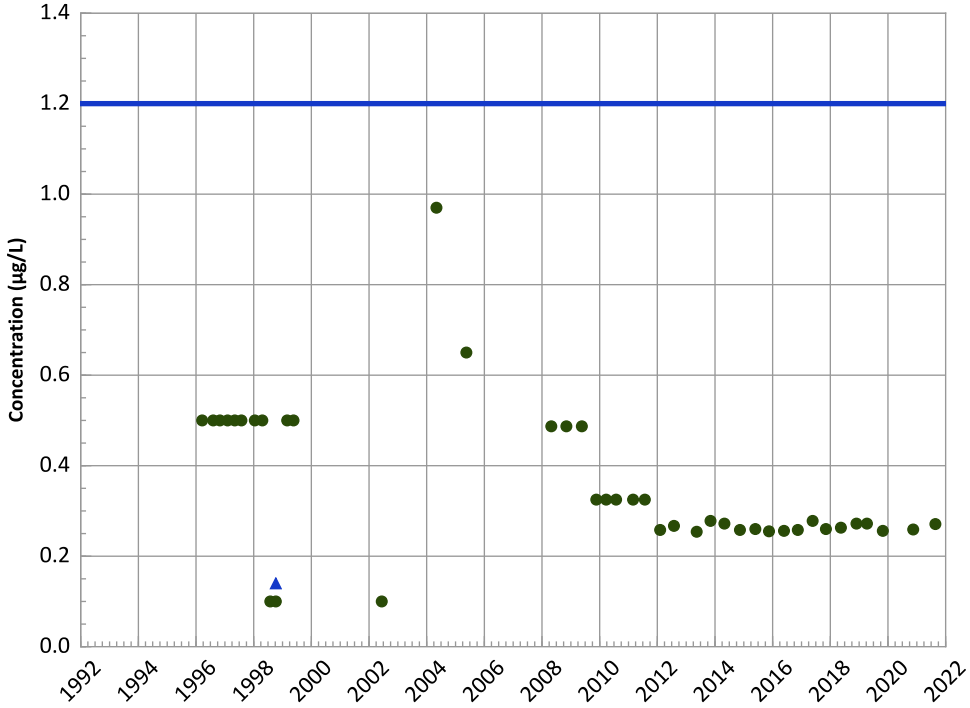


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

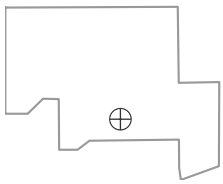
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

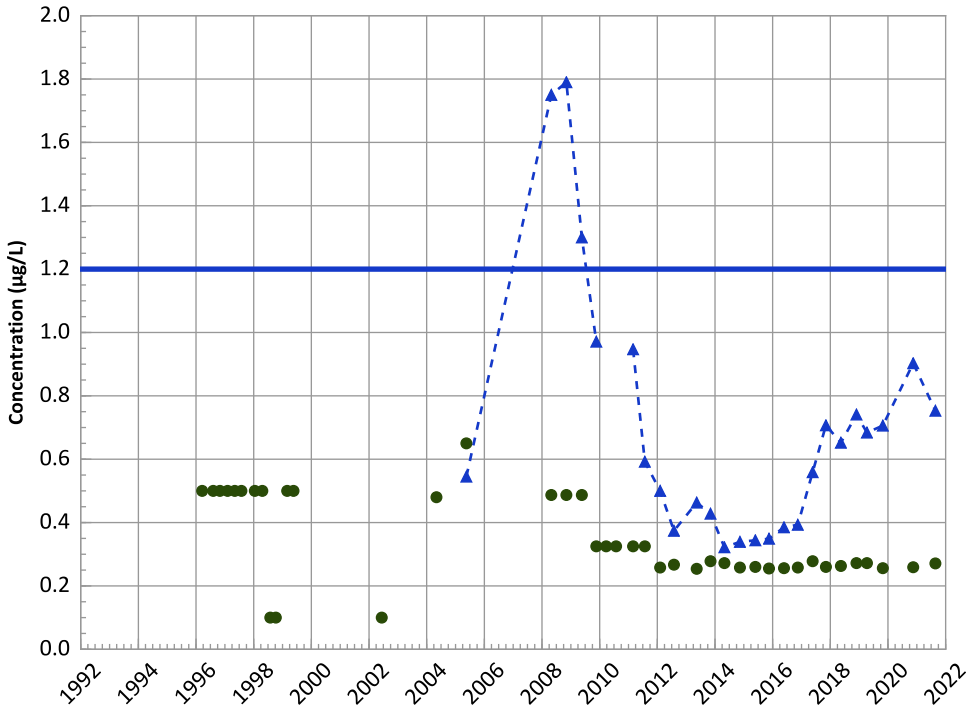
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

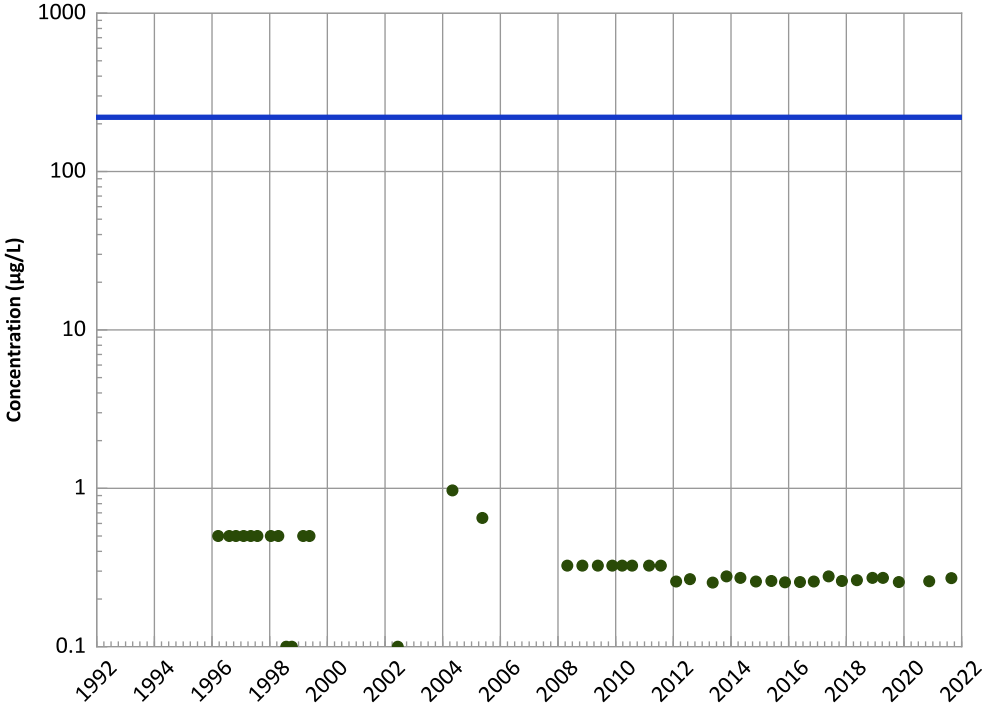


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

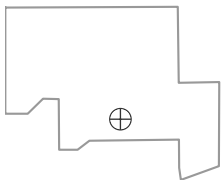
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

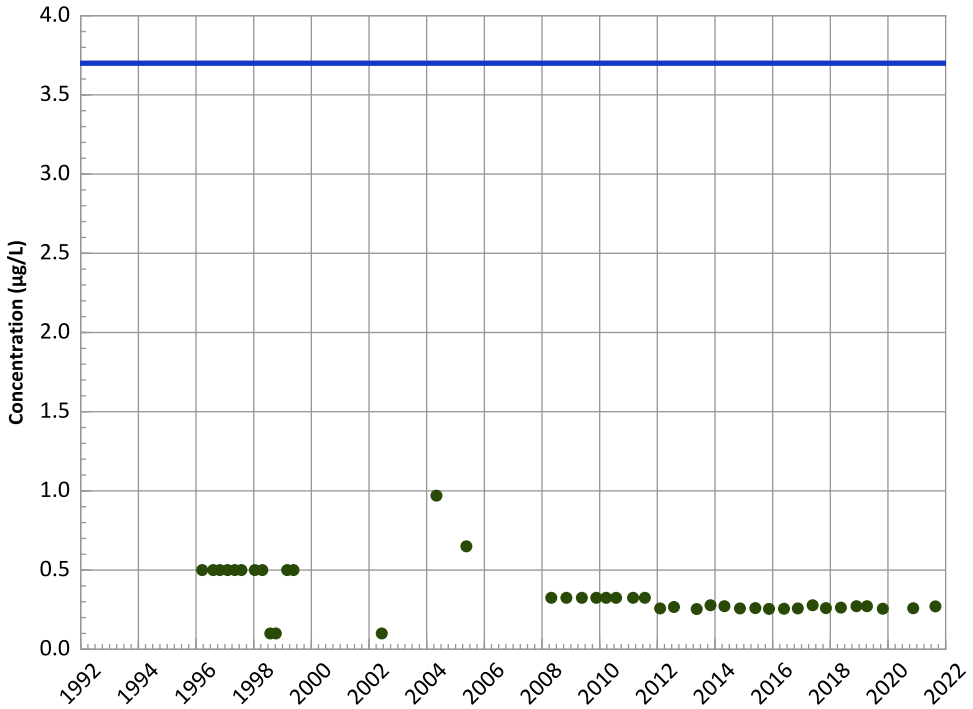
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

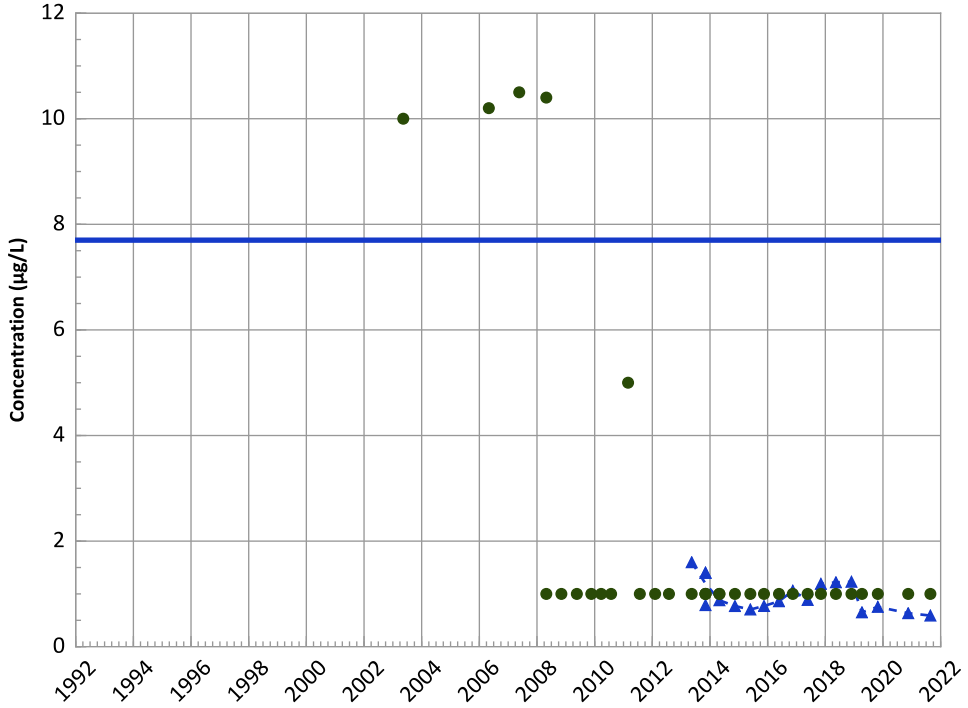


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

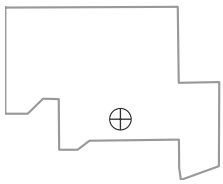
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

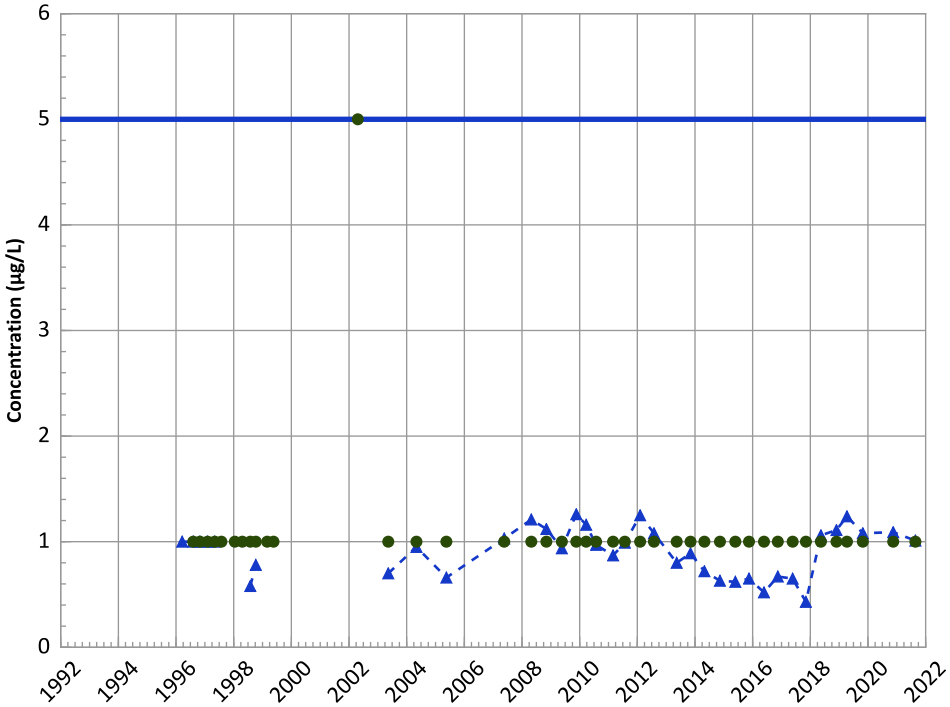
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

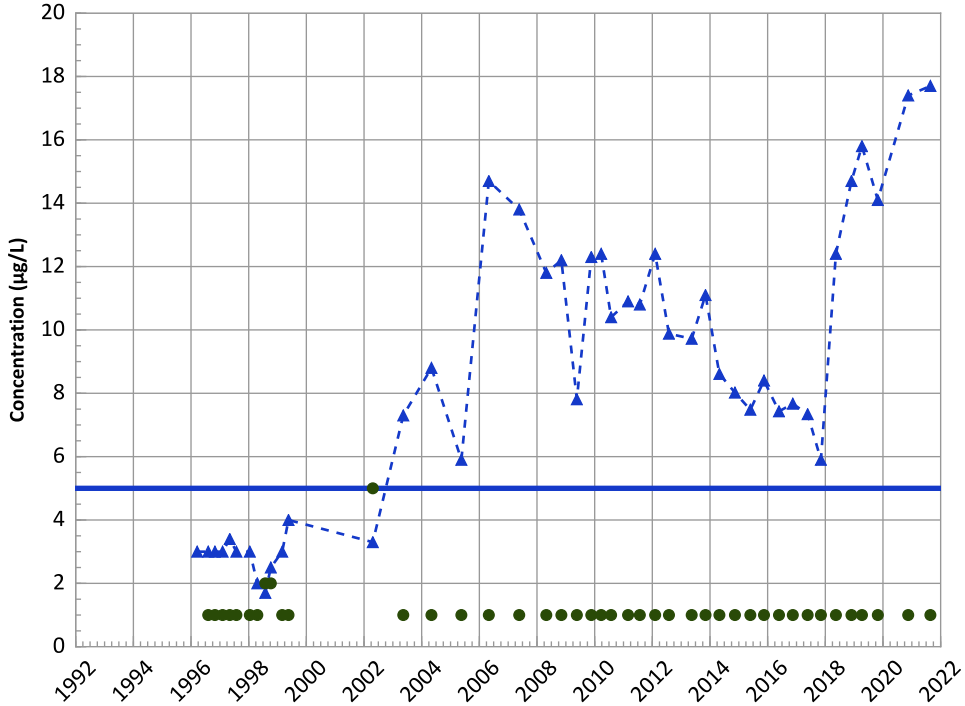


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

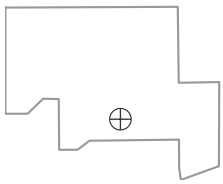
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

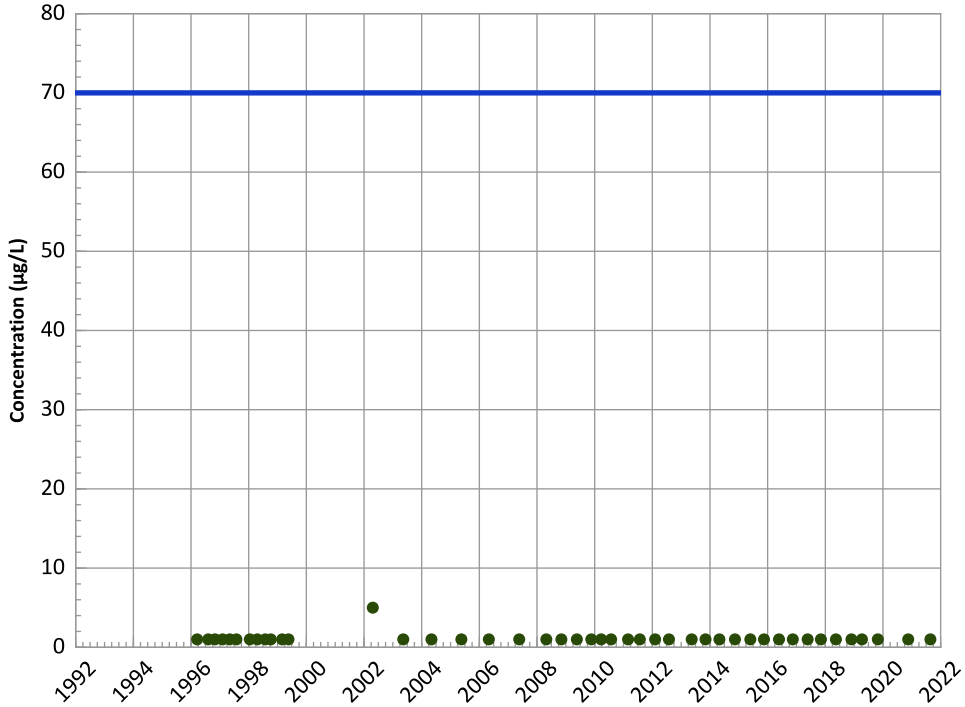
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

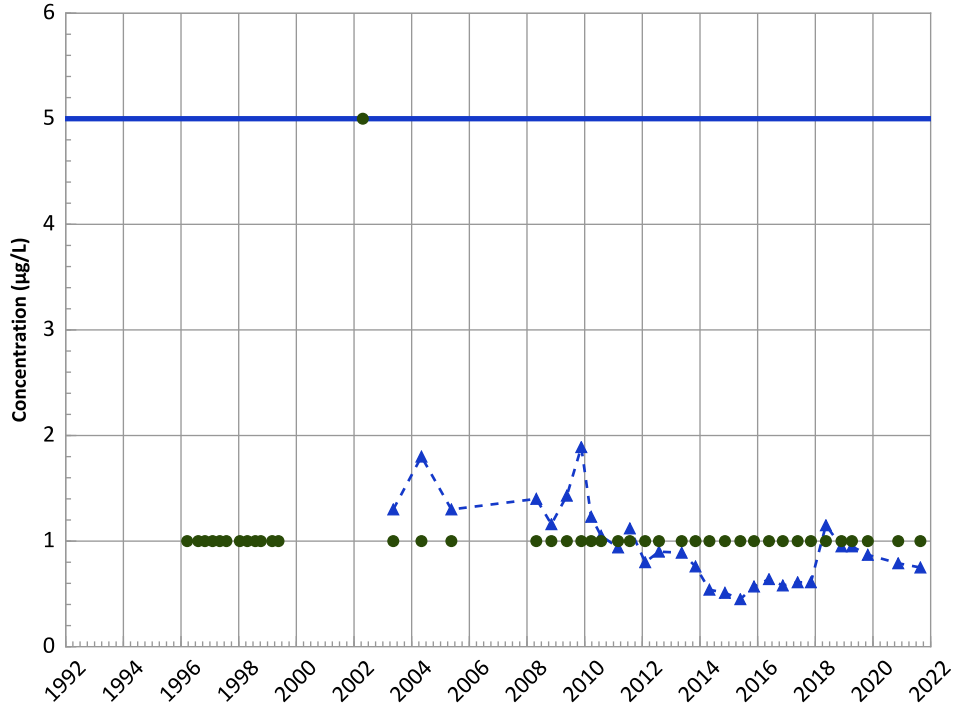


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

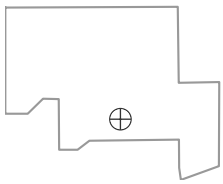
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

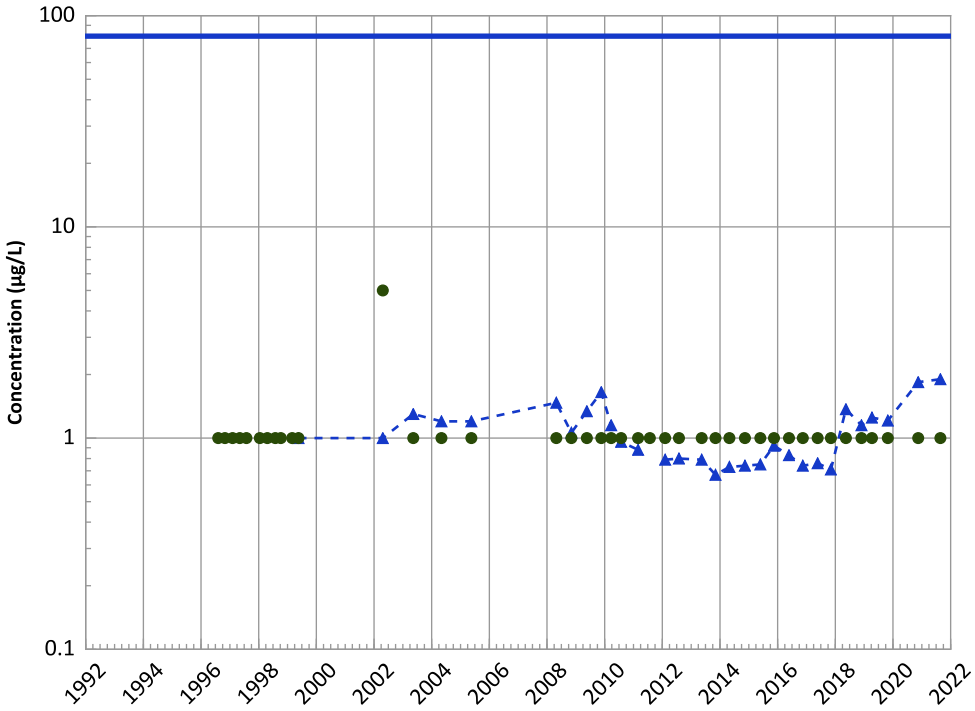
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

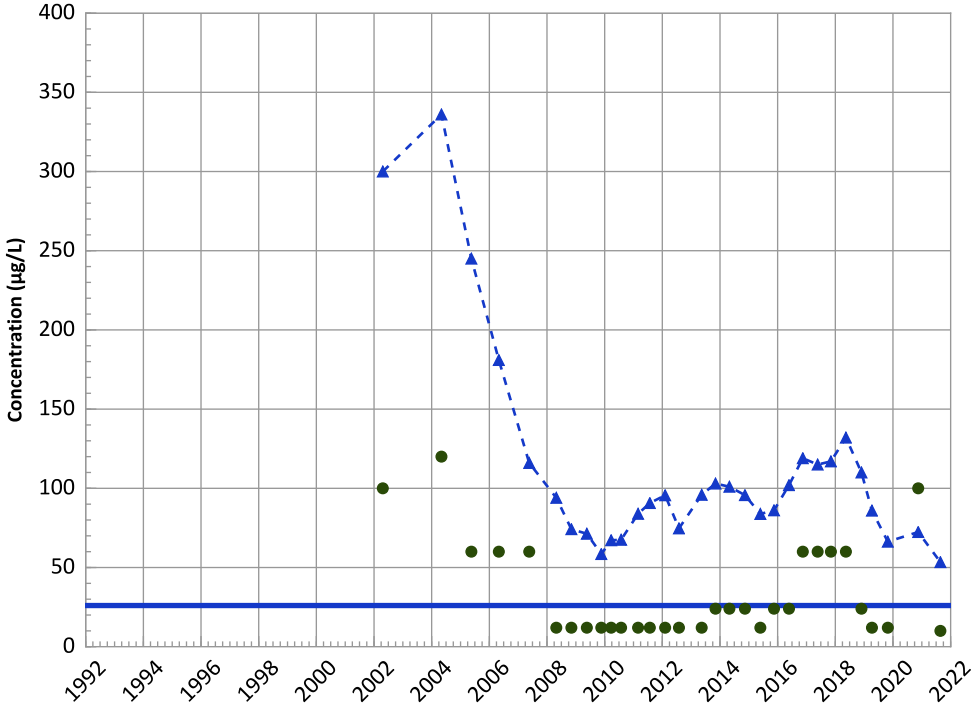


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Perchlorate Trend



Concentration Trend

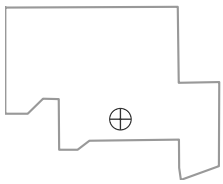
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

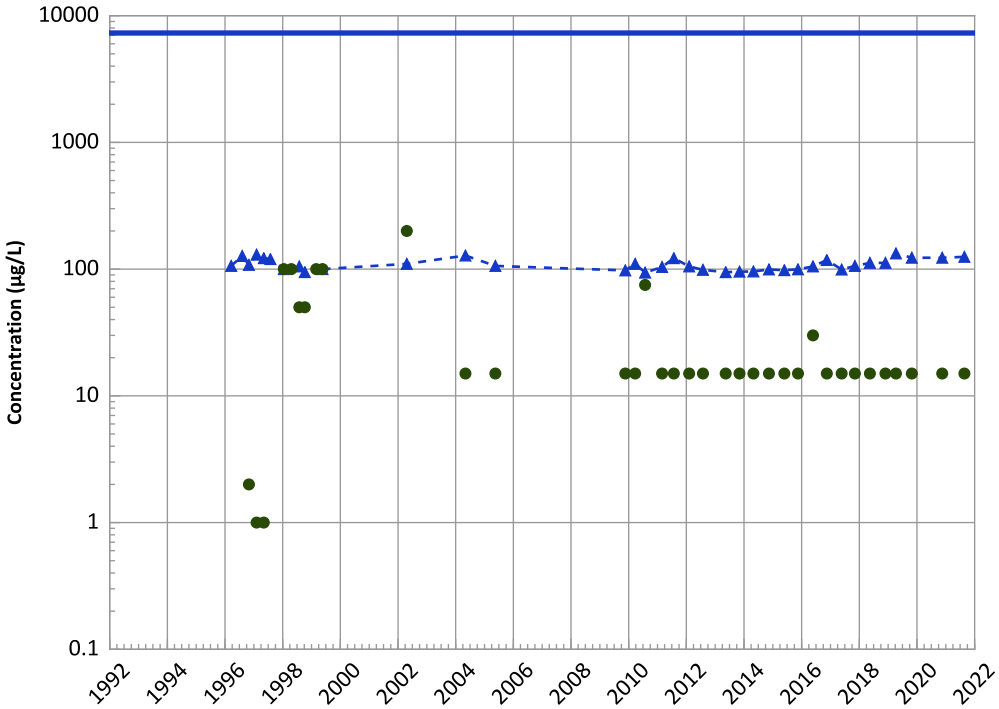
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

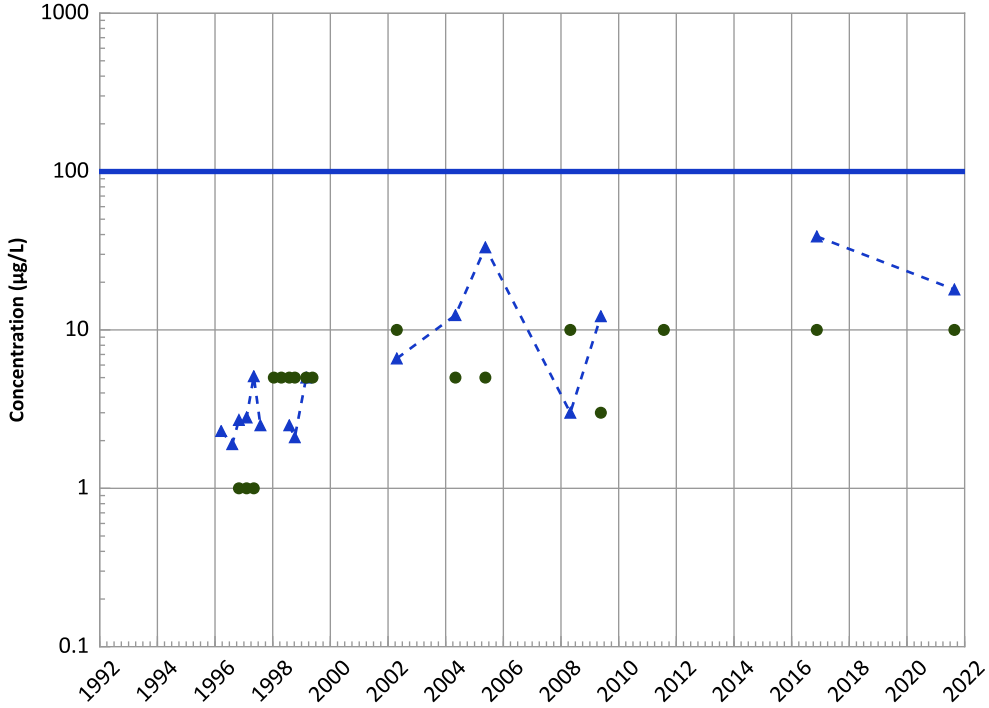


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

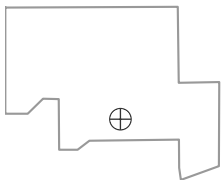
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

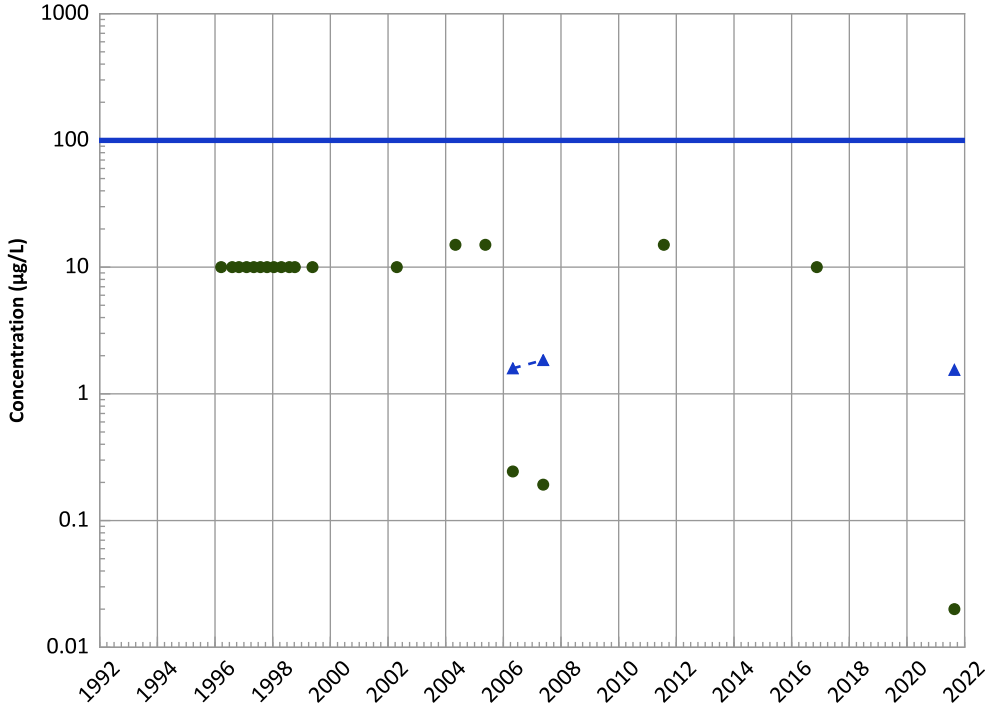
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

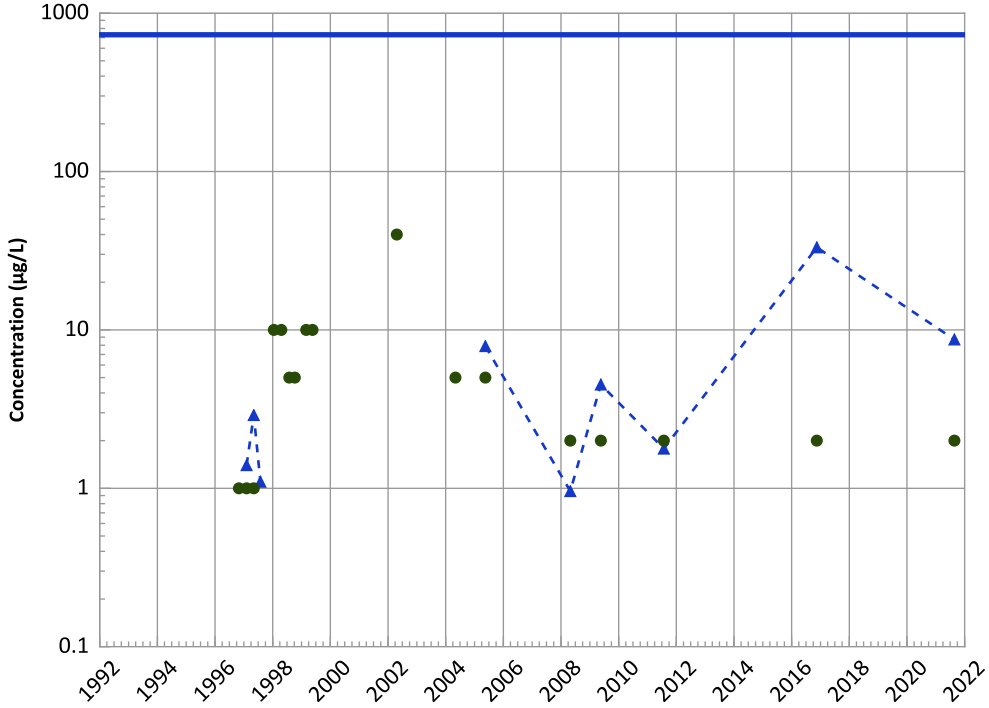


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Nickel Trend



Concentration Trend

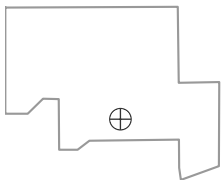
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

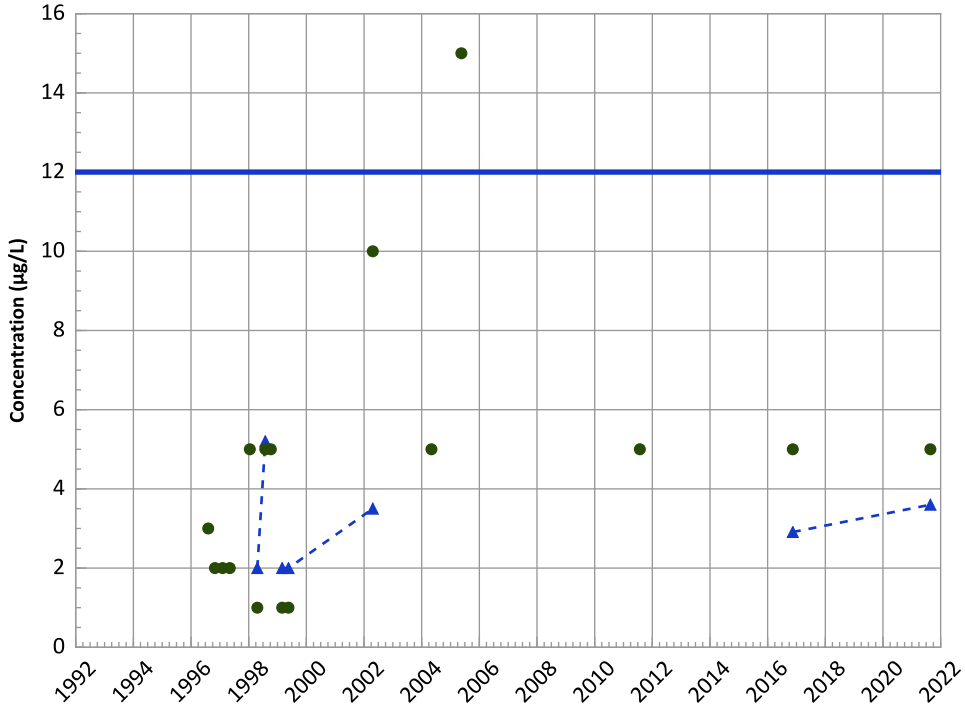
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

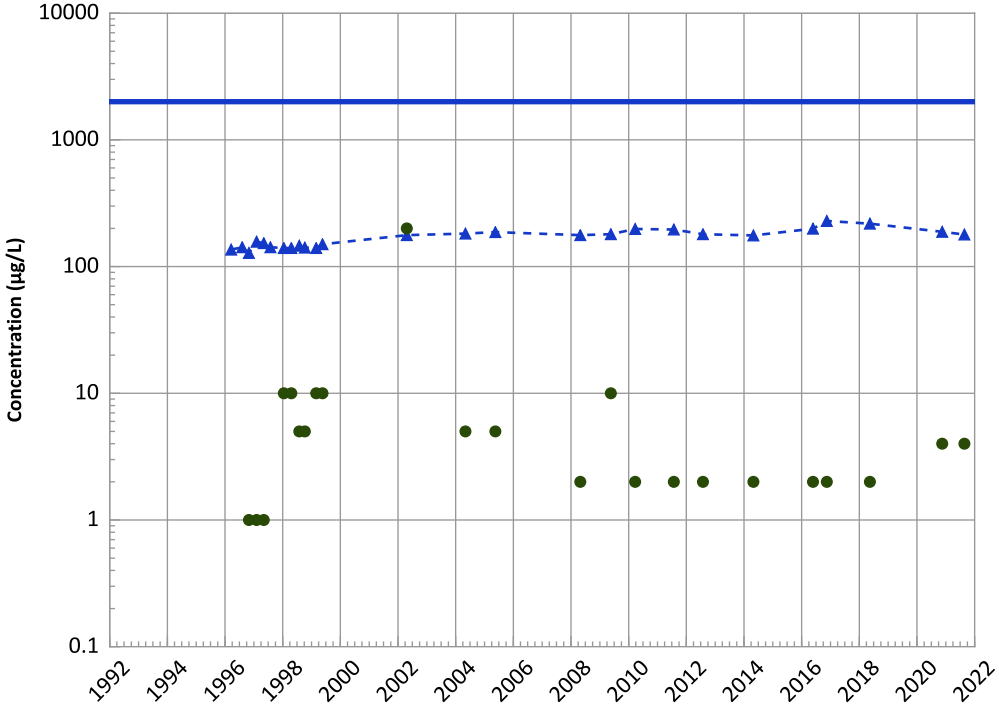


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Barium Trend



Concentration Trend

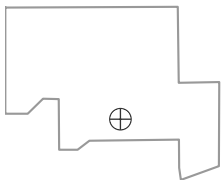
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

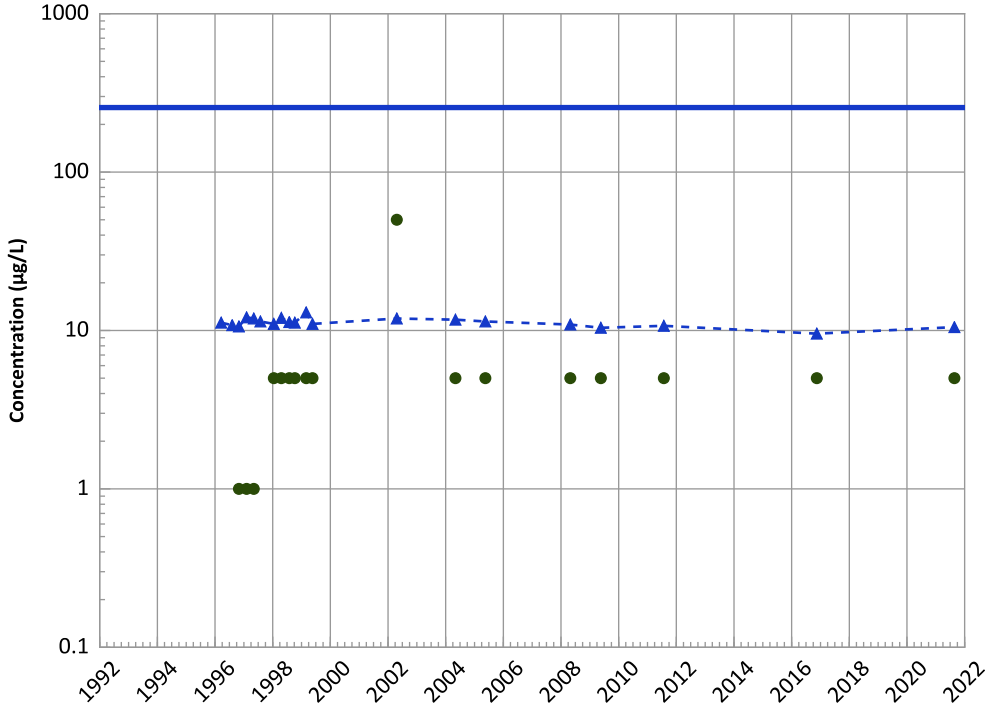
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



1114-MW4 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

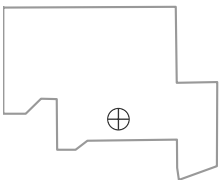
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

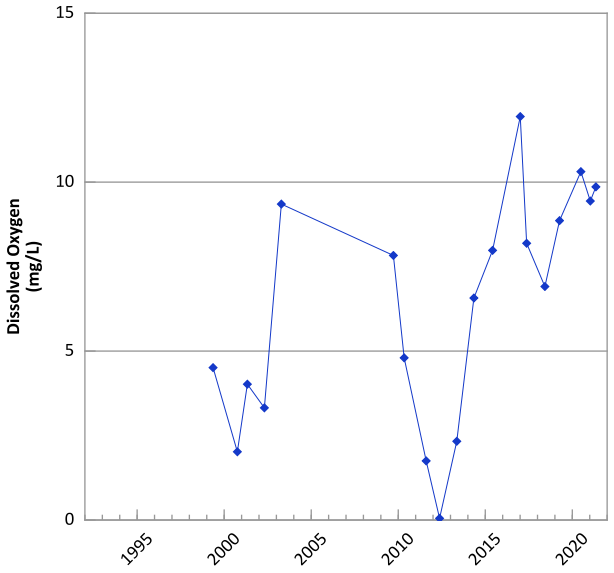
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/19/1996 to 08/24/2021
Analysis Date: 04/05/2022

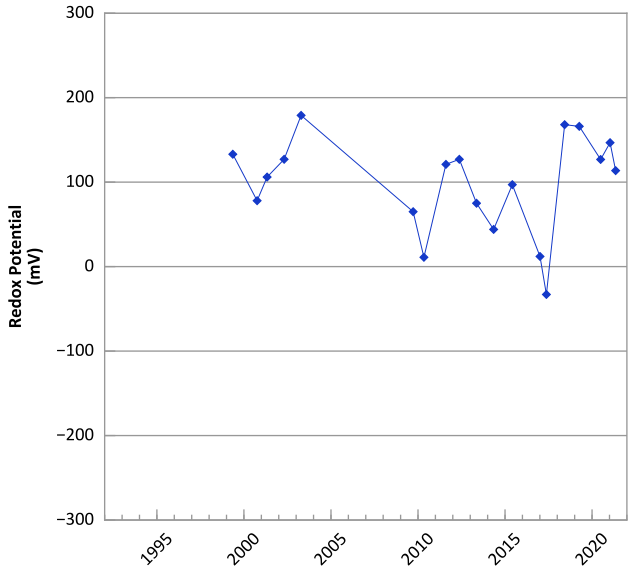
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

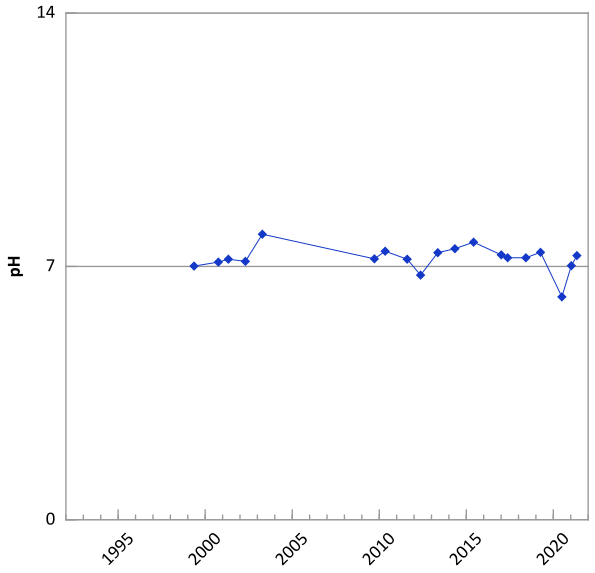
Well Location

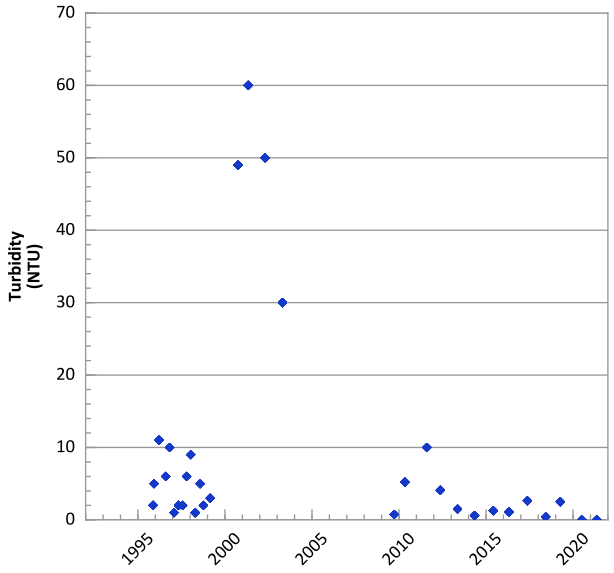


OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



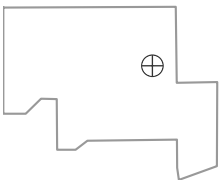






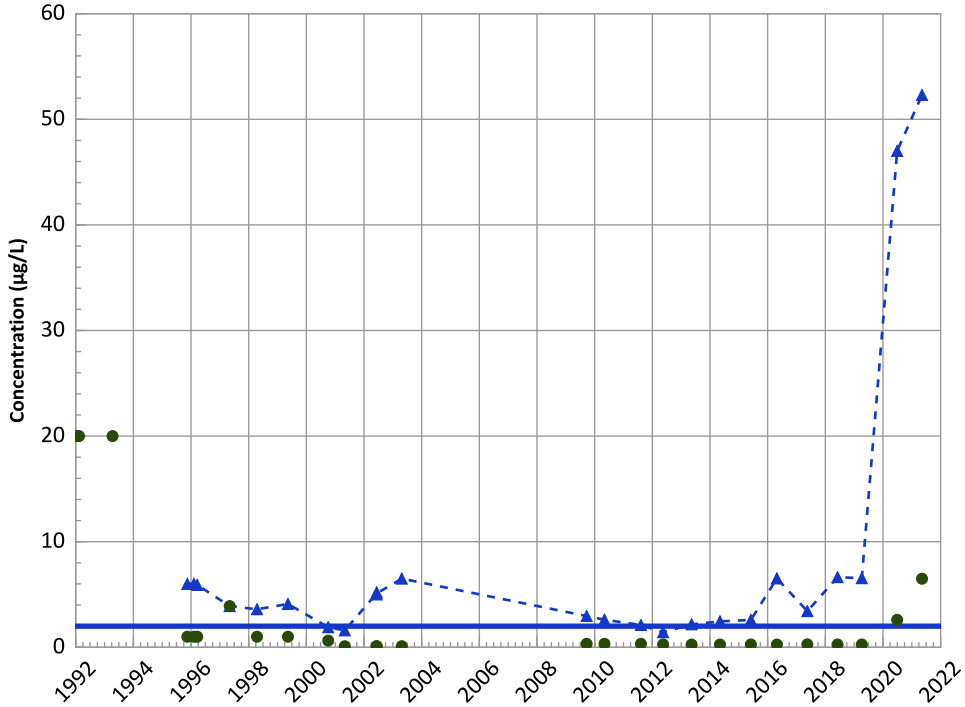
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

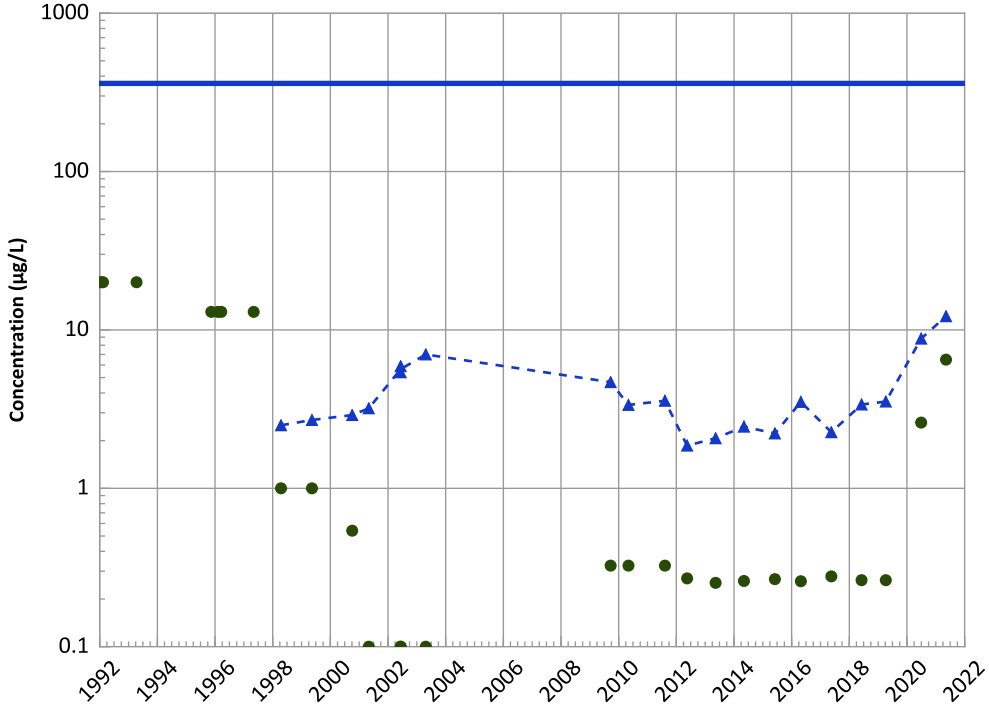


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

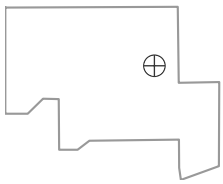
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

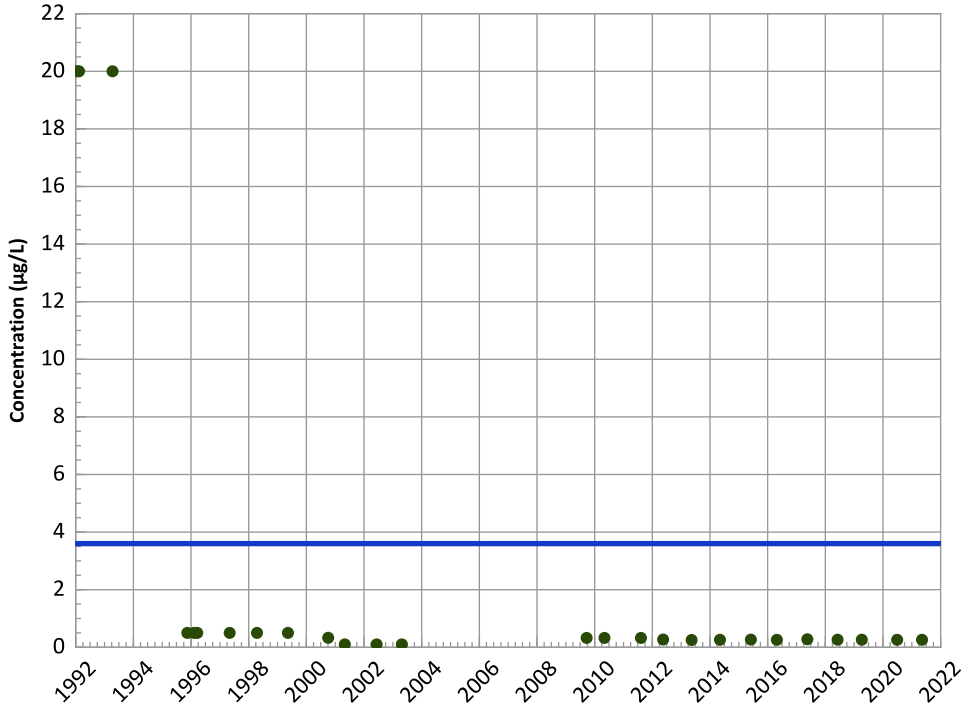
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

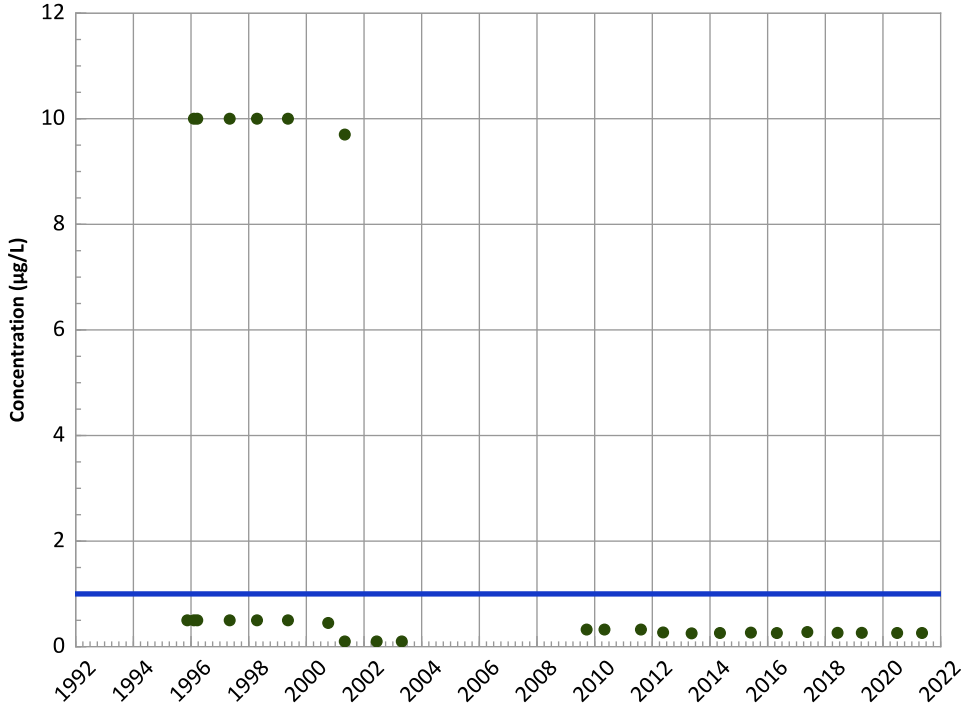


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

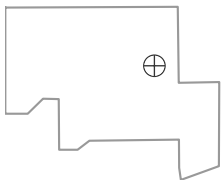
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

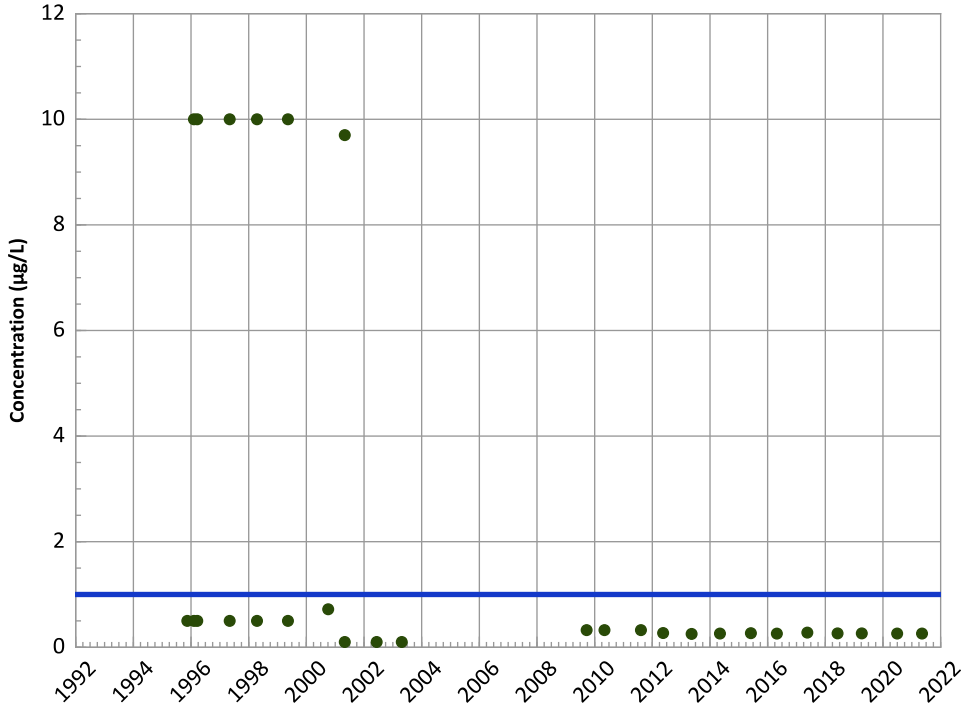
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

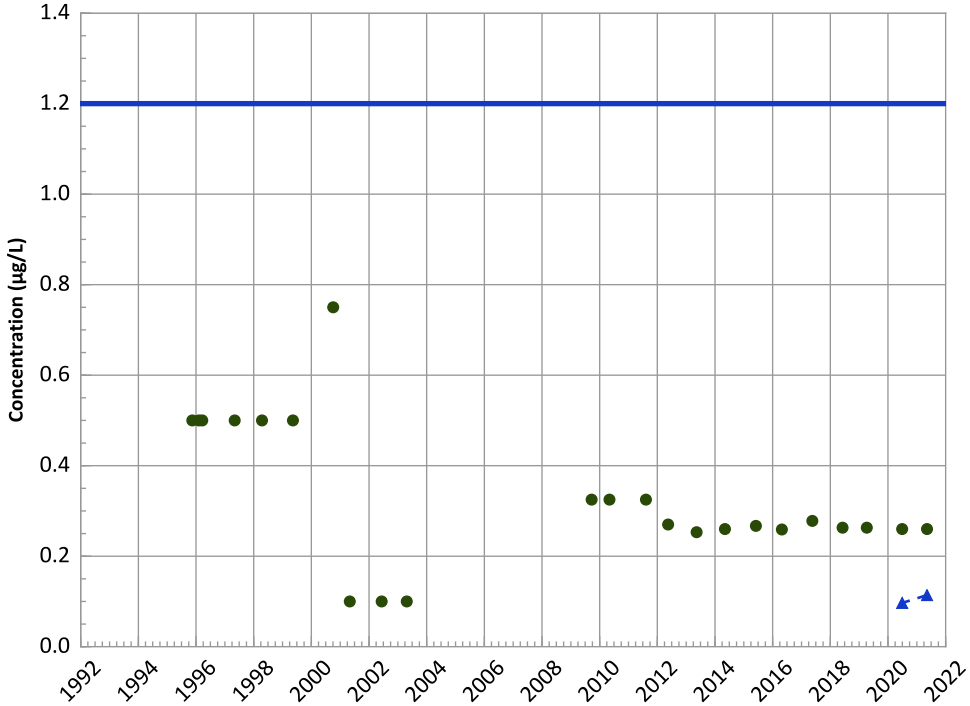


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

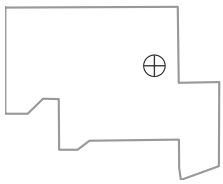
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

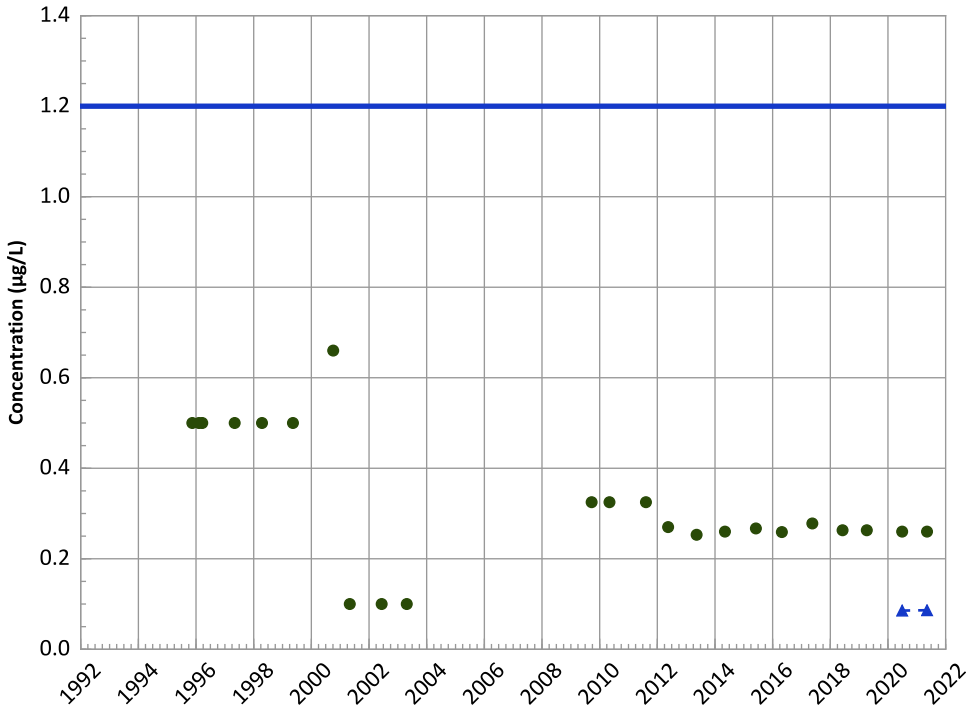
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

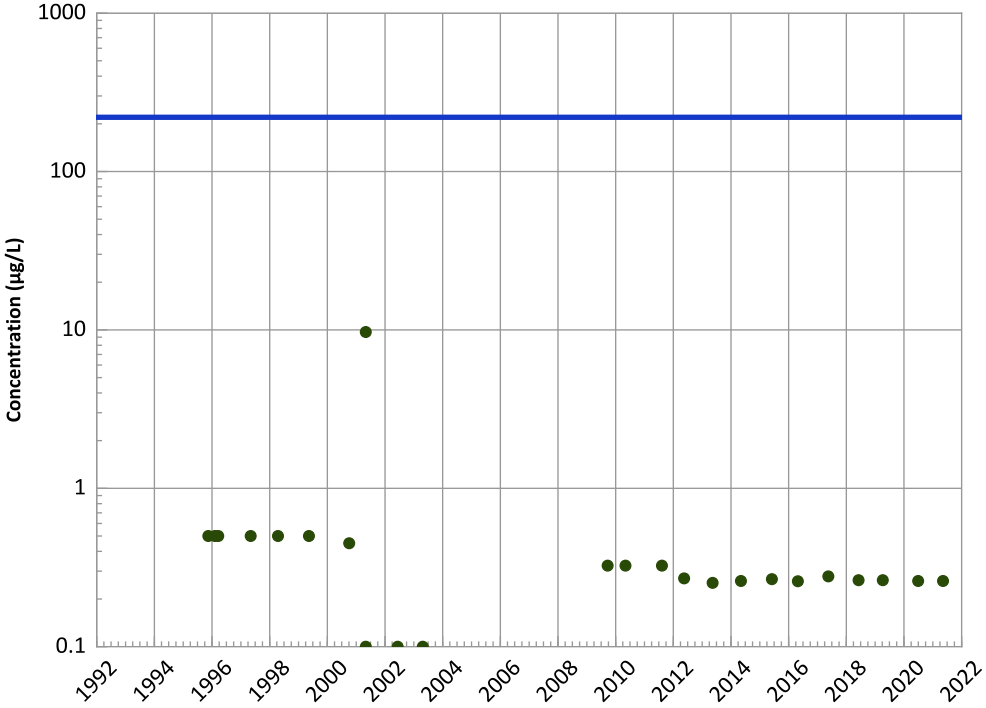


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

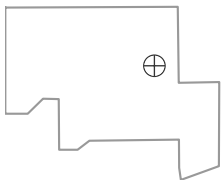
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

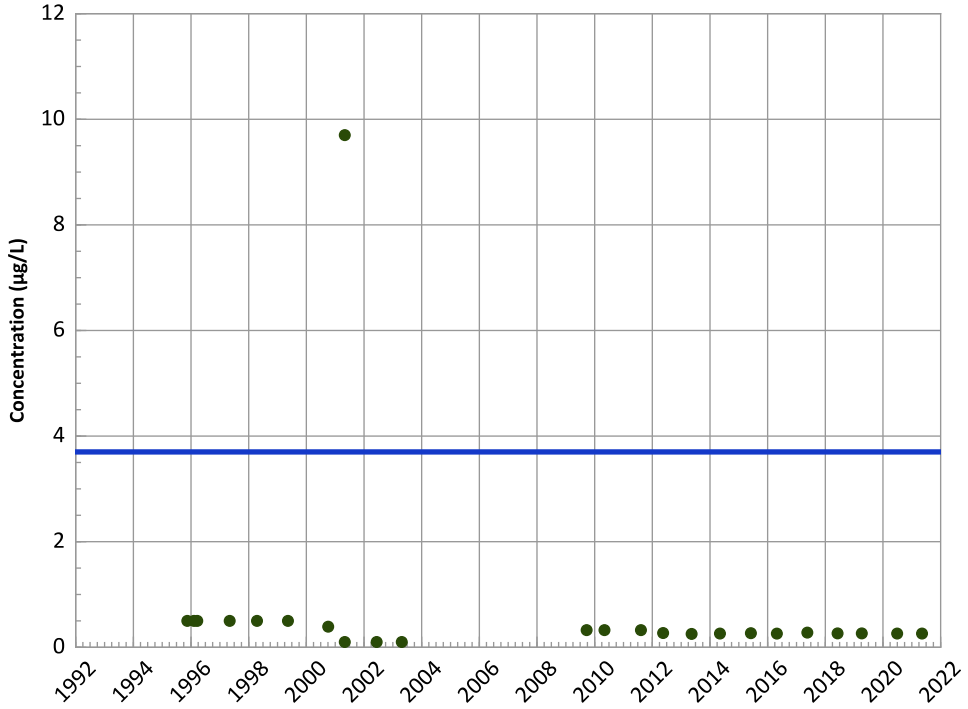
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

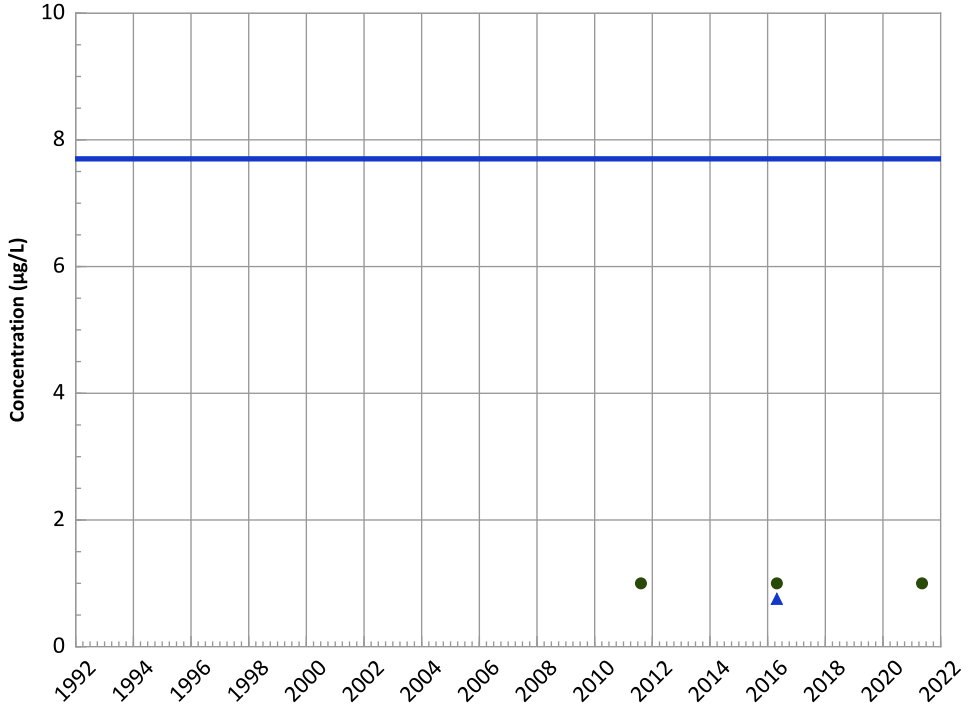


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

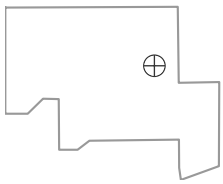
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

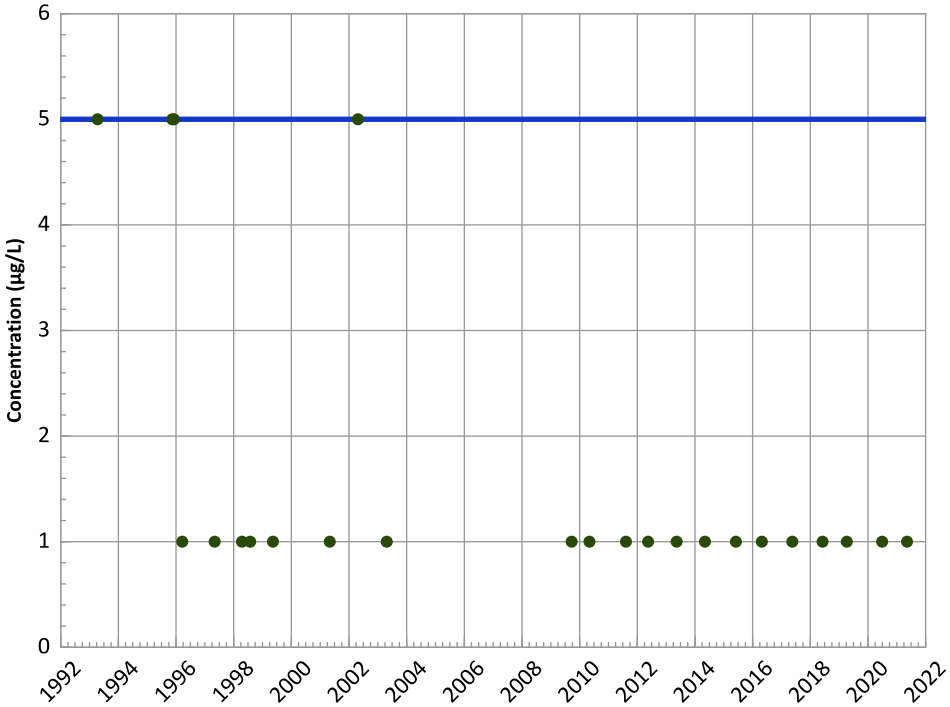
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

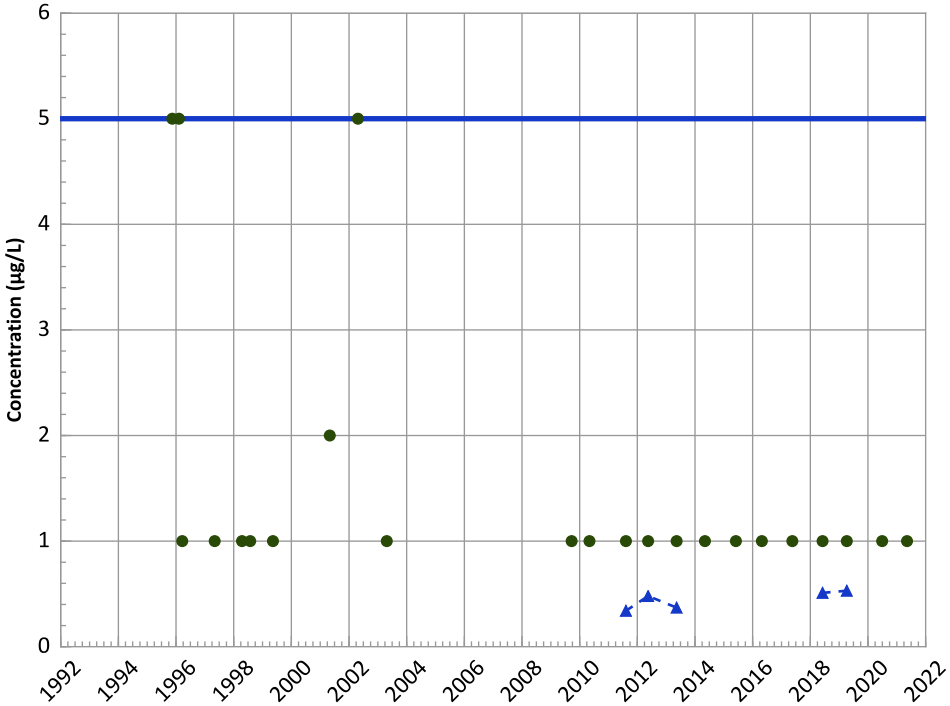


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

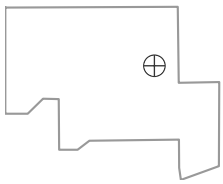
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

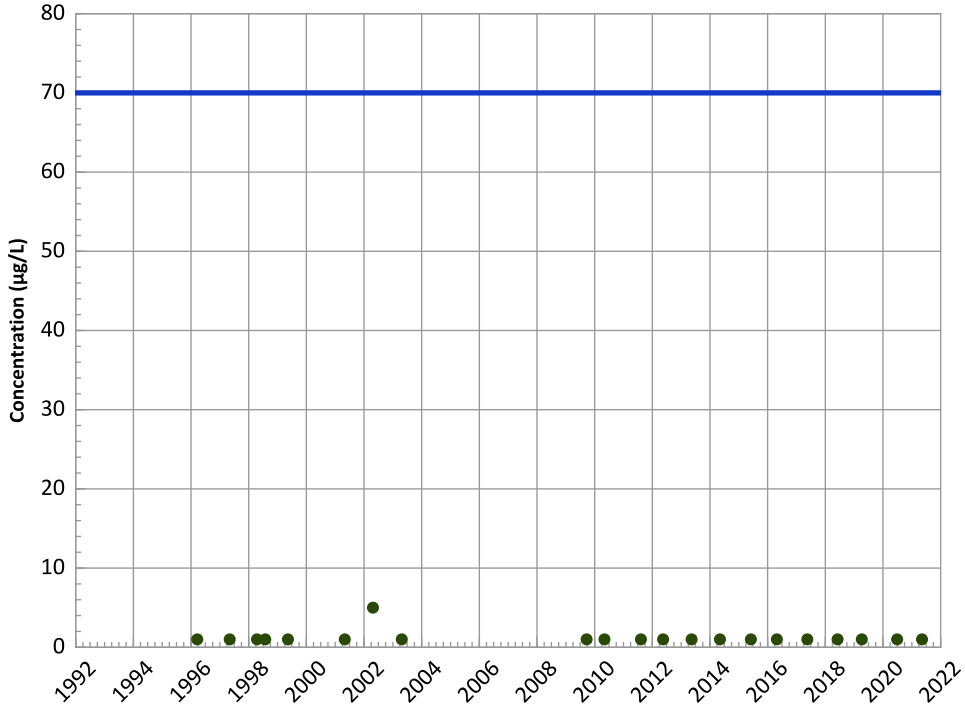
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

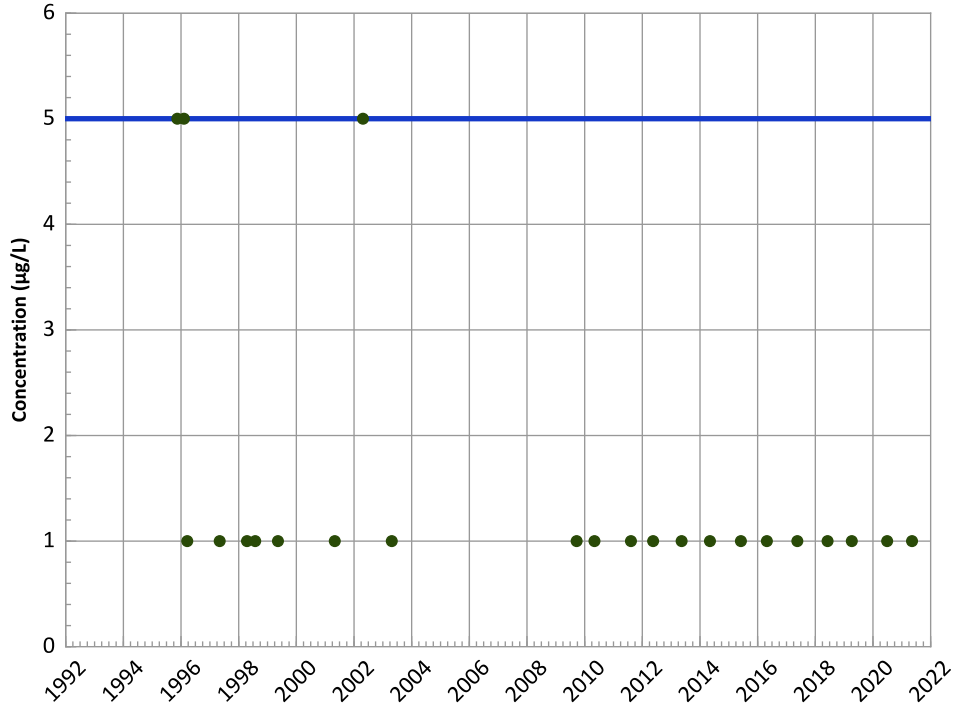


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

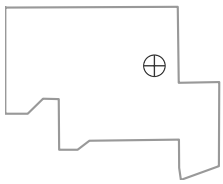
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

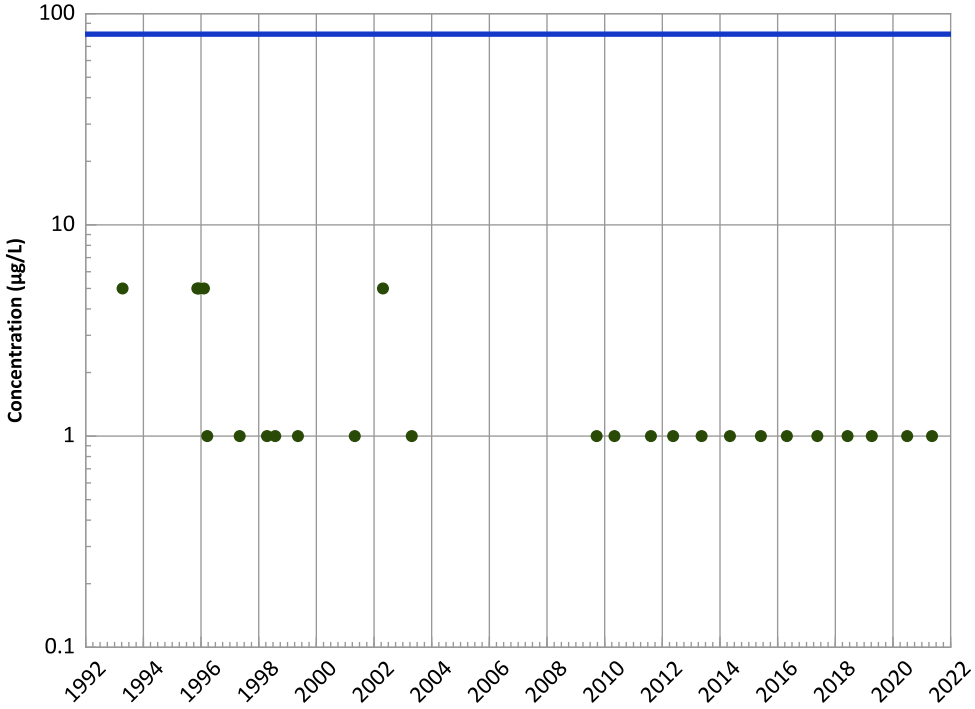
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

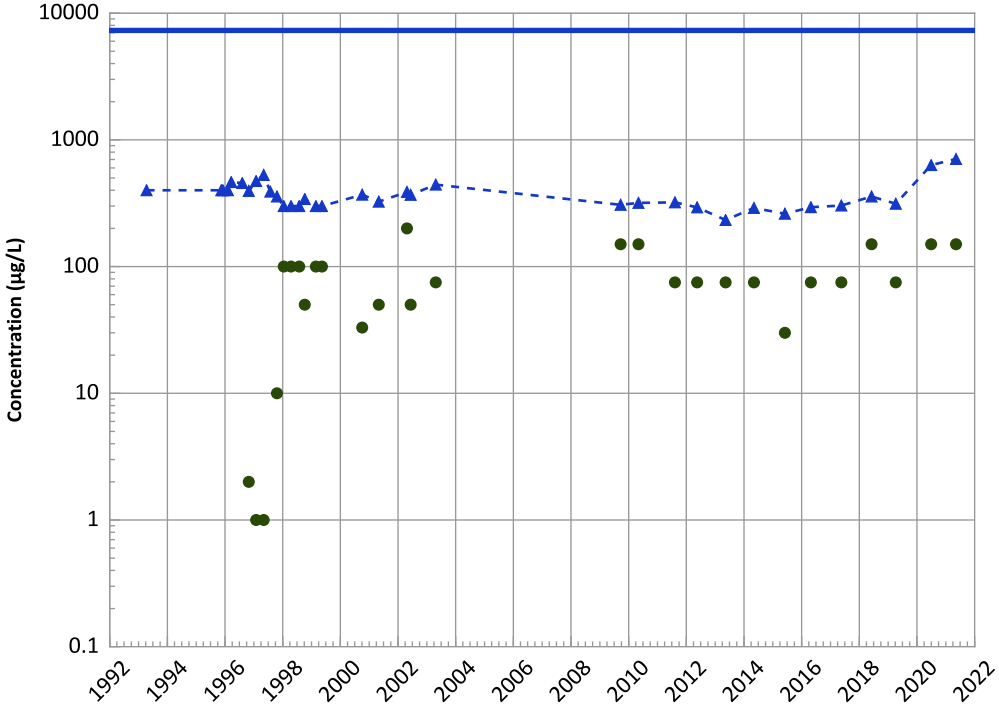


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

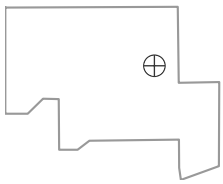
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

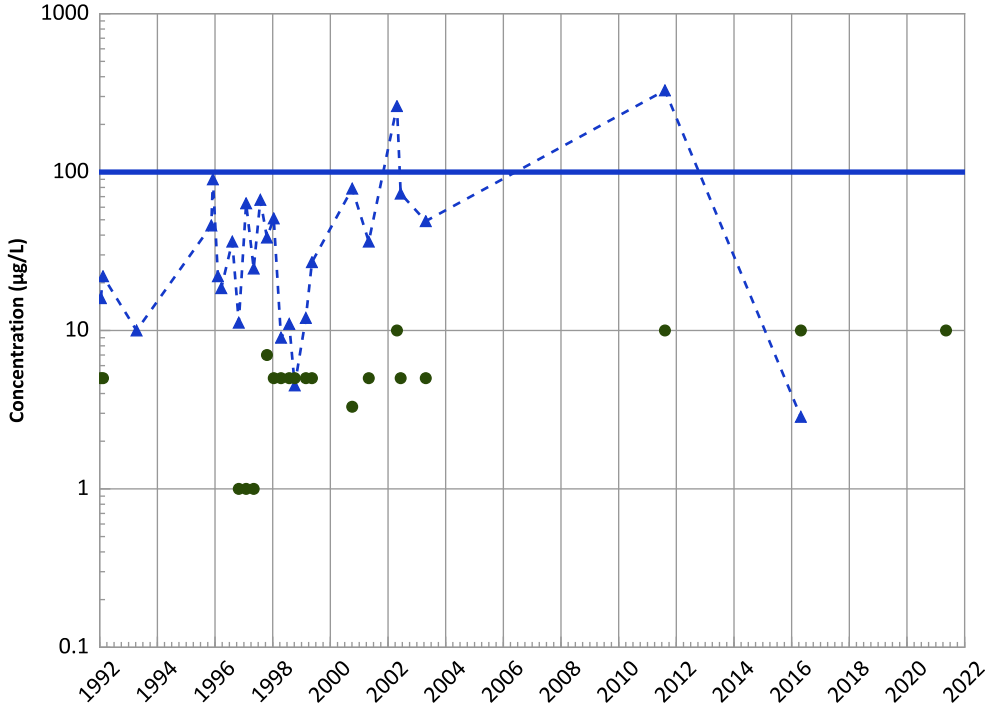
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

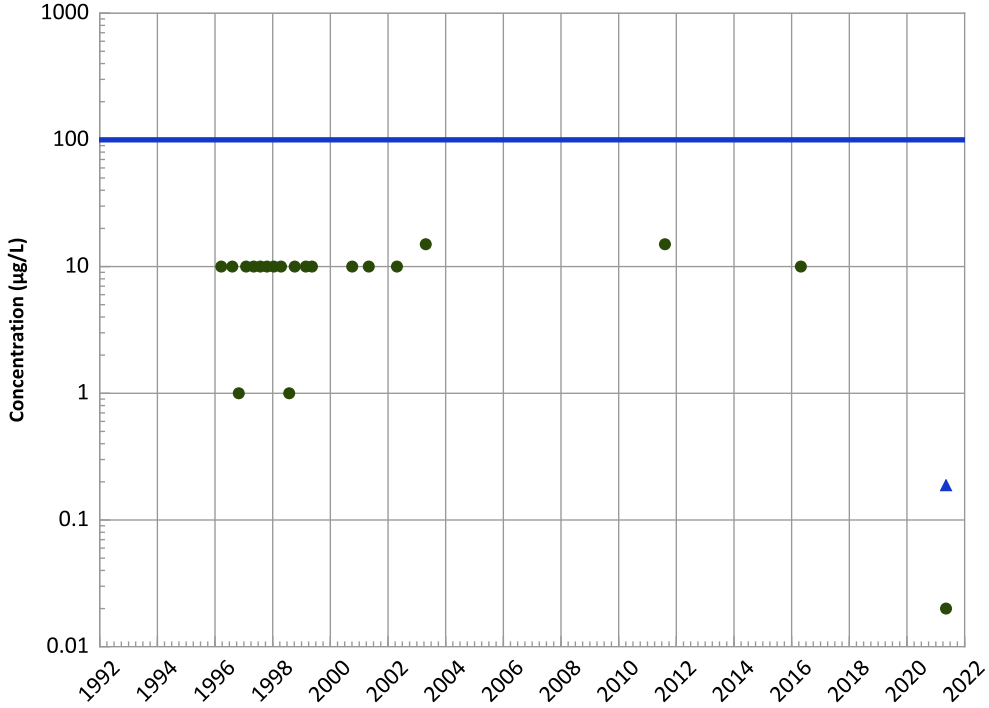


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

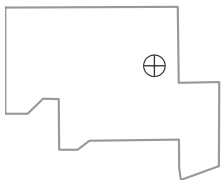
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

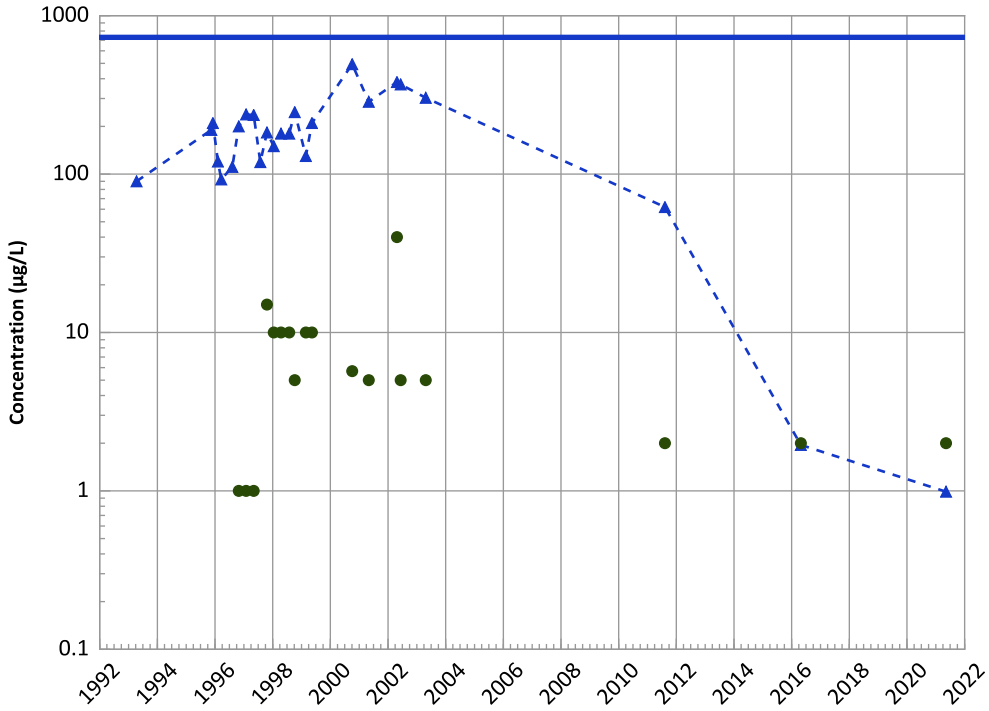
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

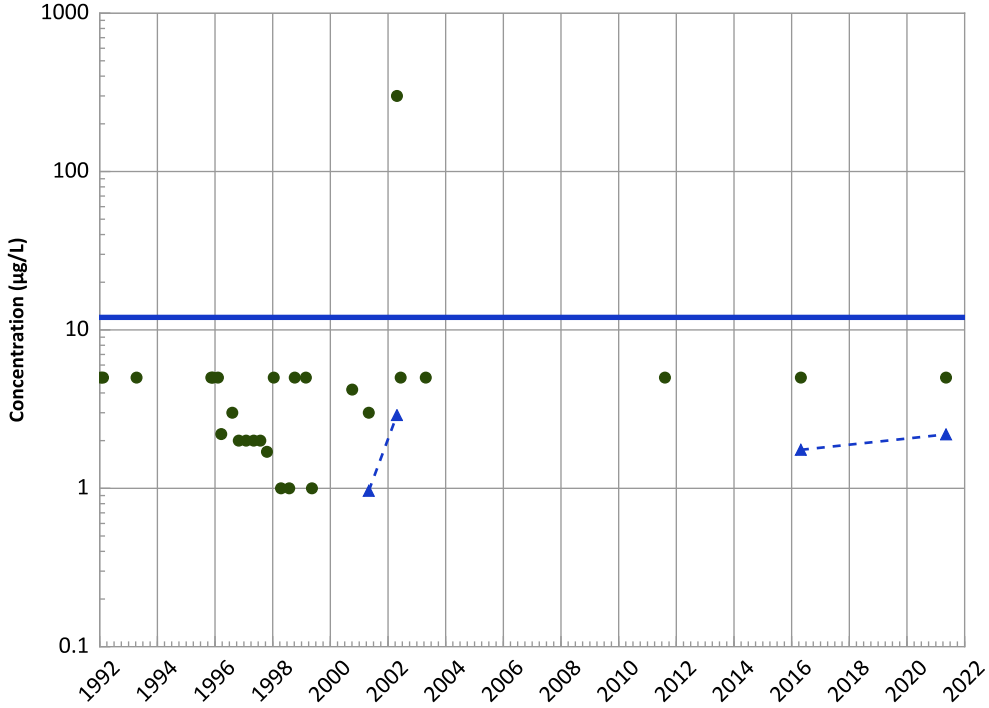


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

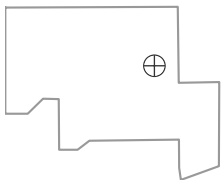
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

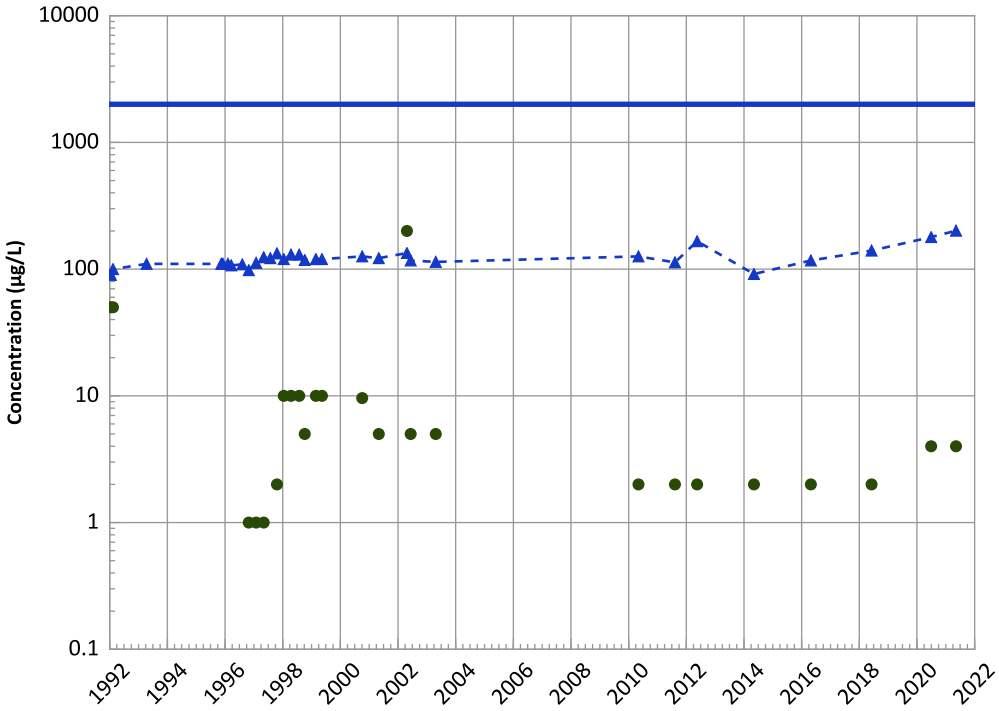
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



OW-WR-38 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

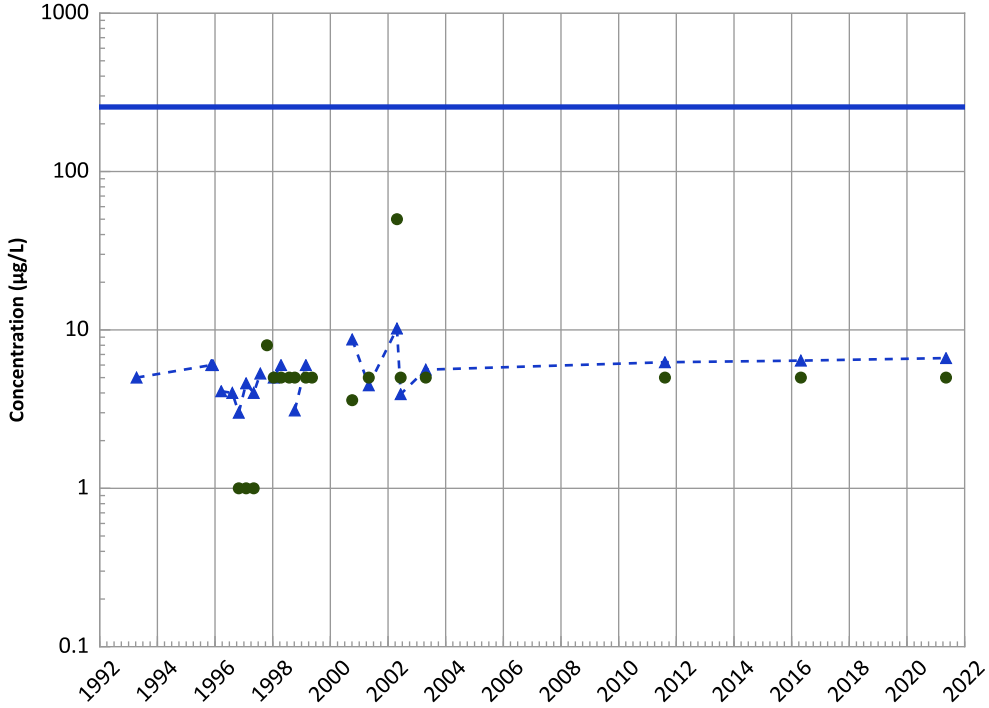


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Vanadium Trend



Concentration Trend

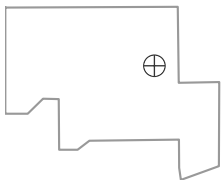
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

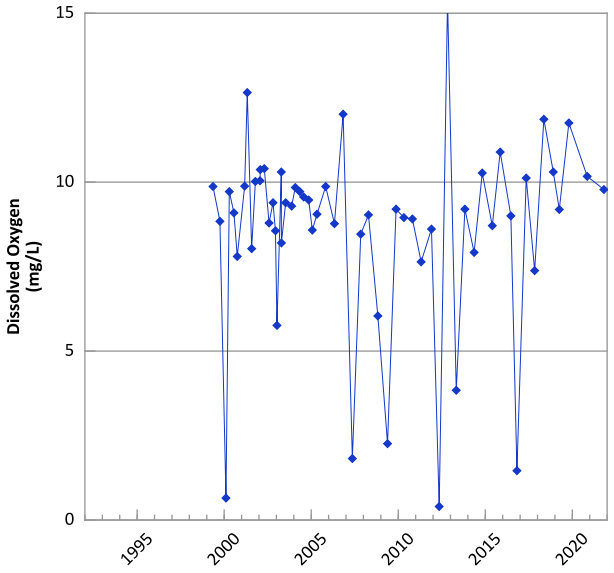
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/16/1992 to 05/10/2021
Analysis Date: 04/05/2022

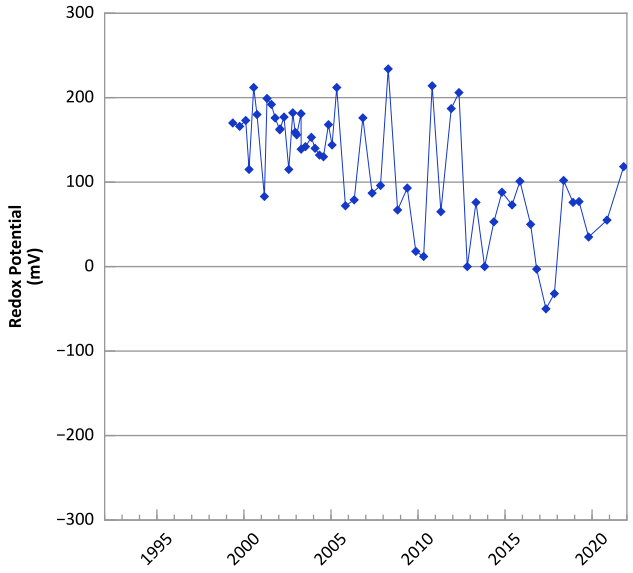
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

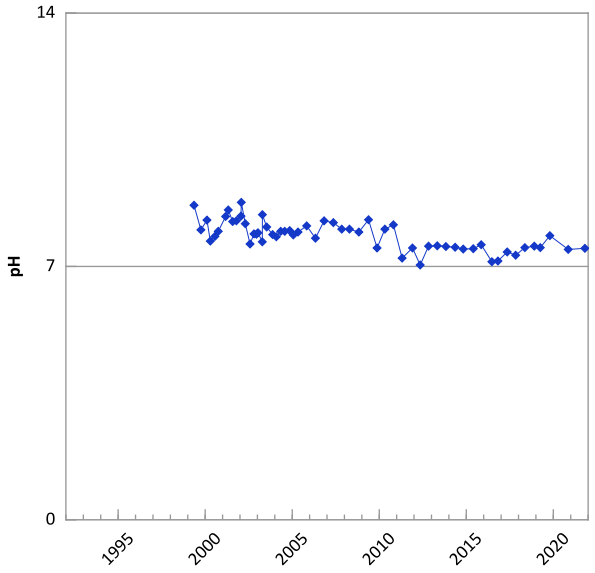
Well Location

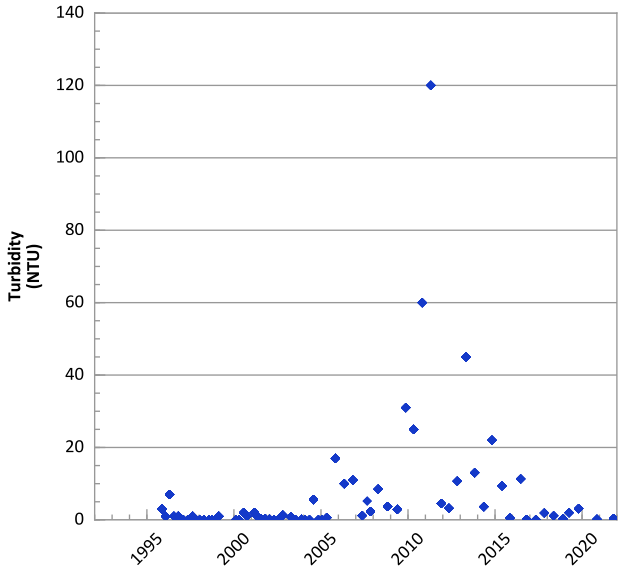


PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



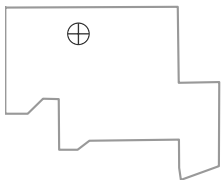






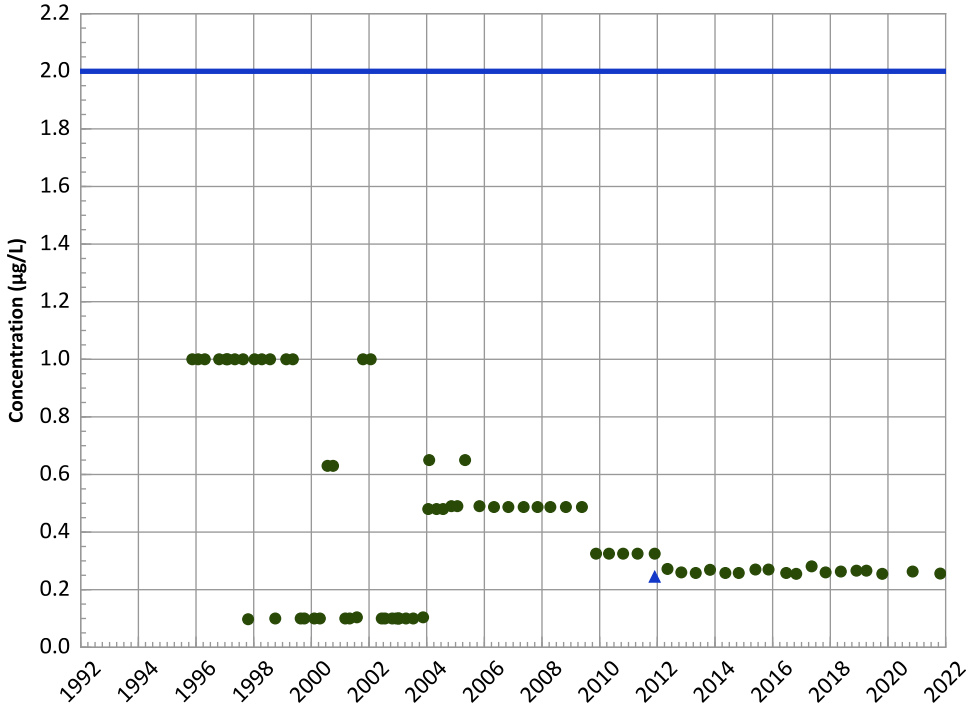
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

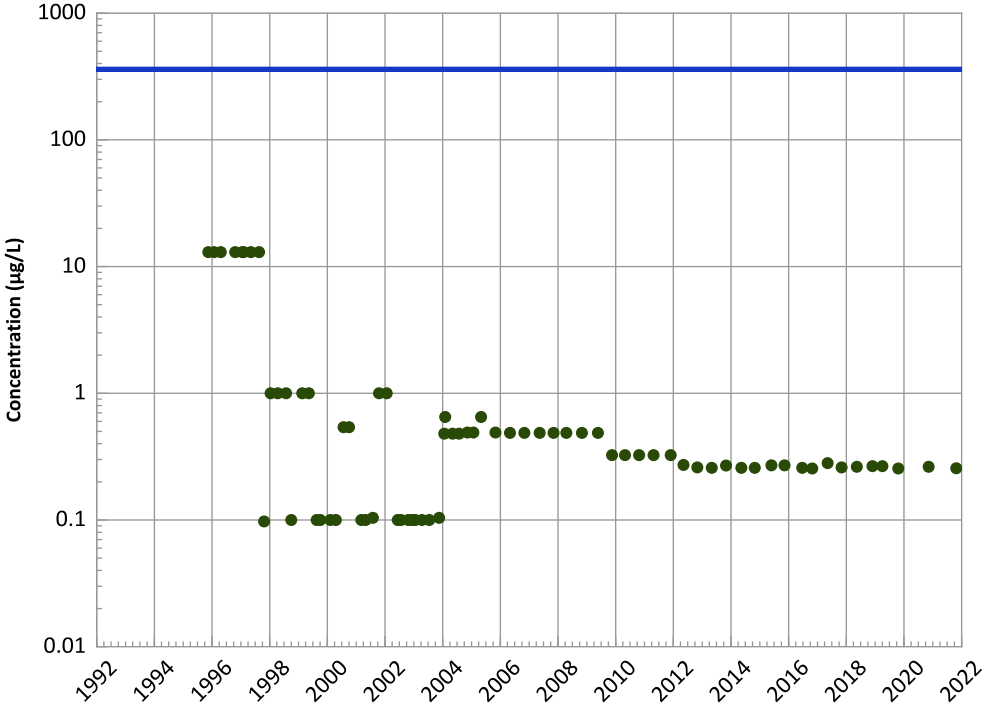


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

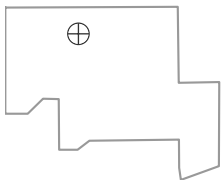
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

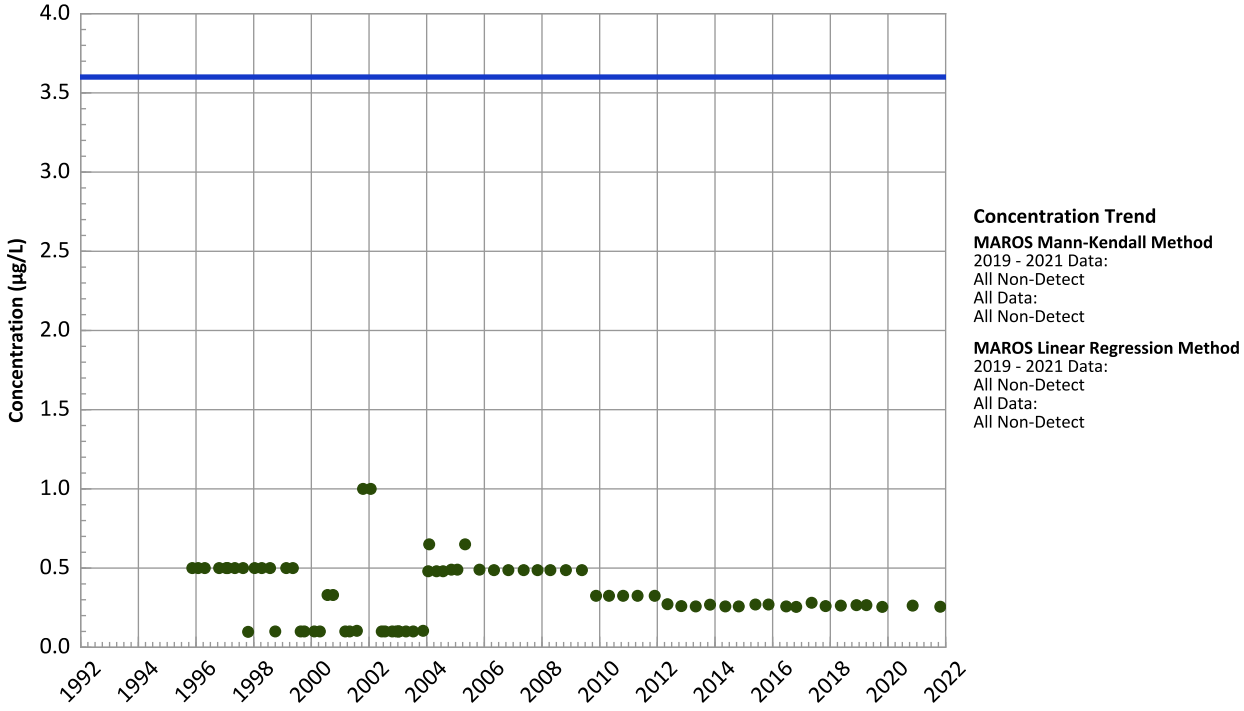
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

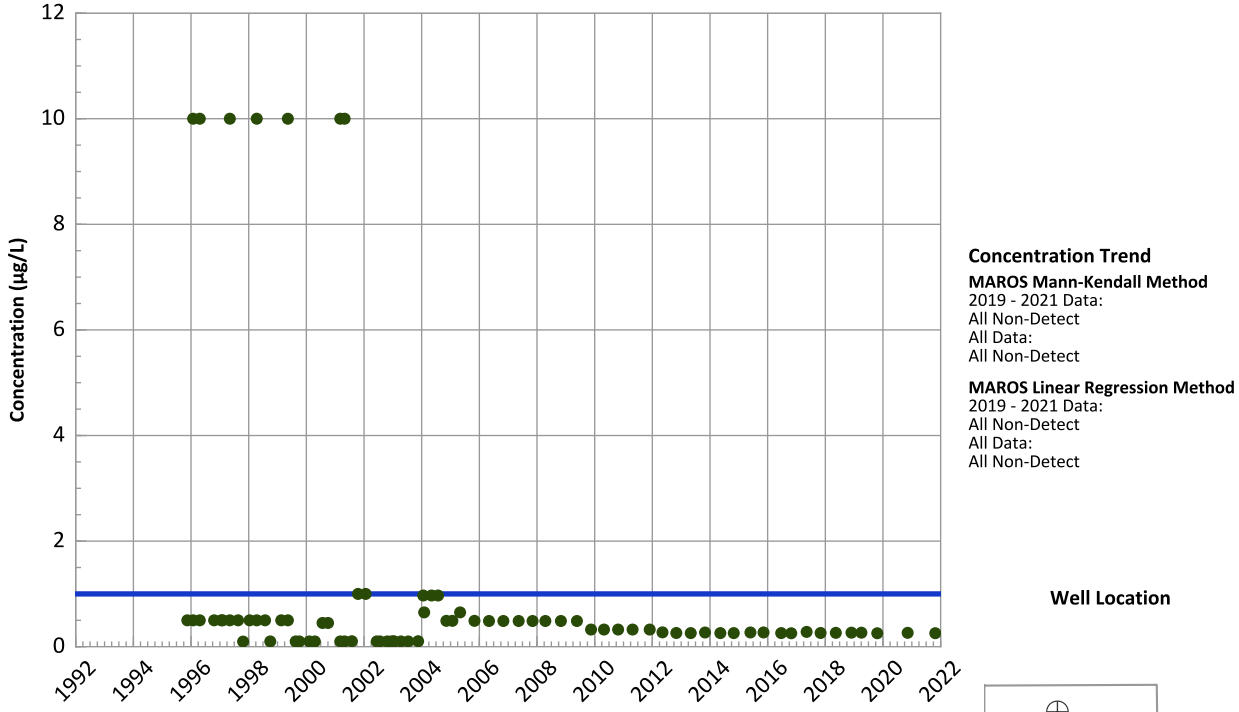


PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



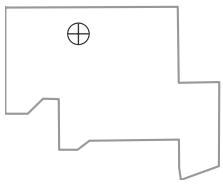
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

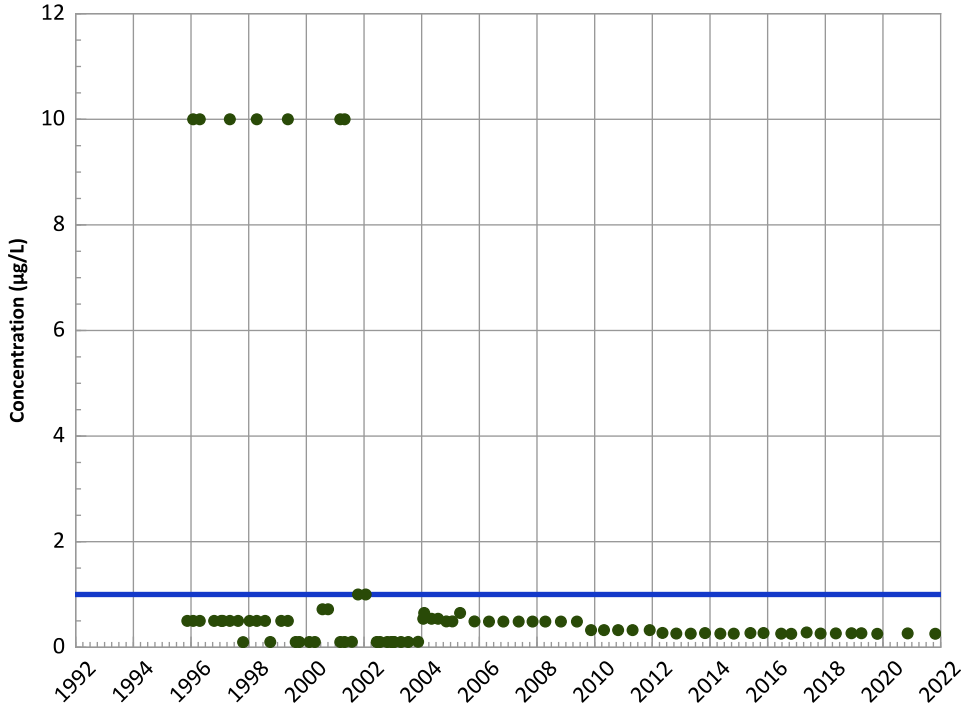
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

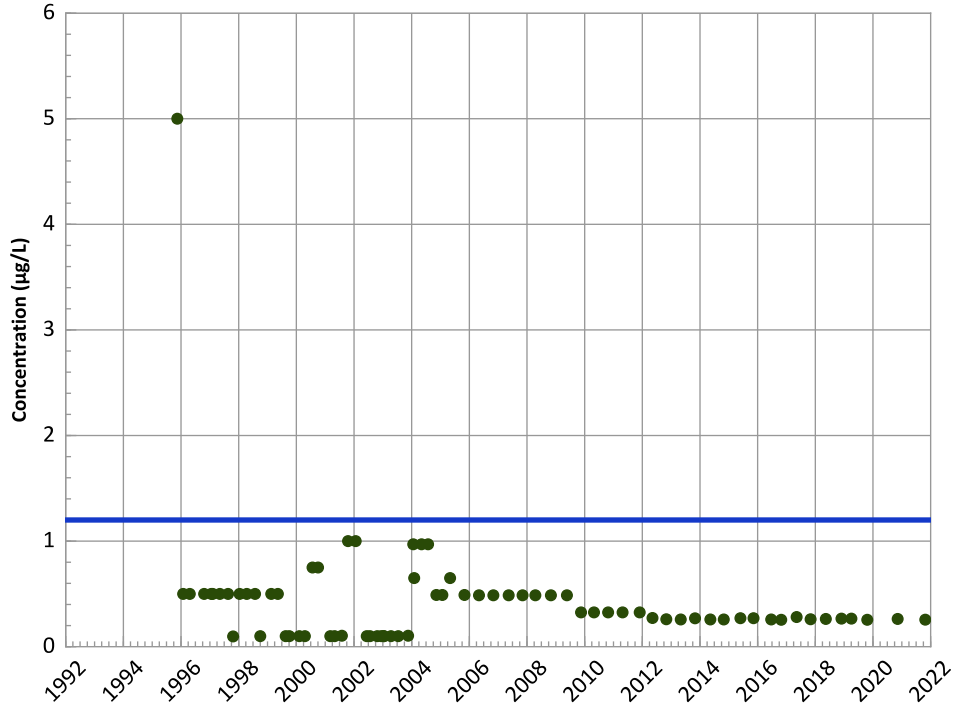


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

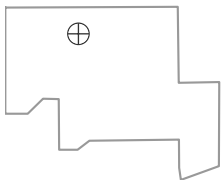
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

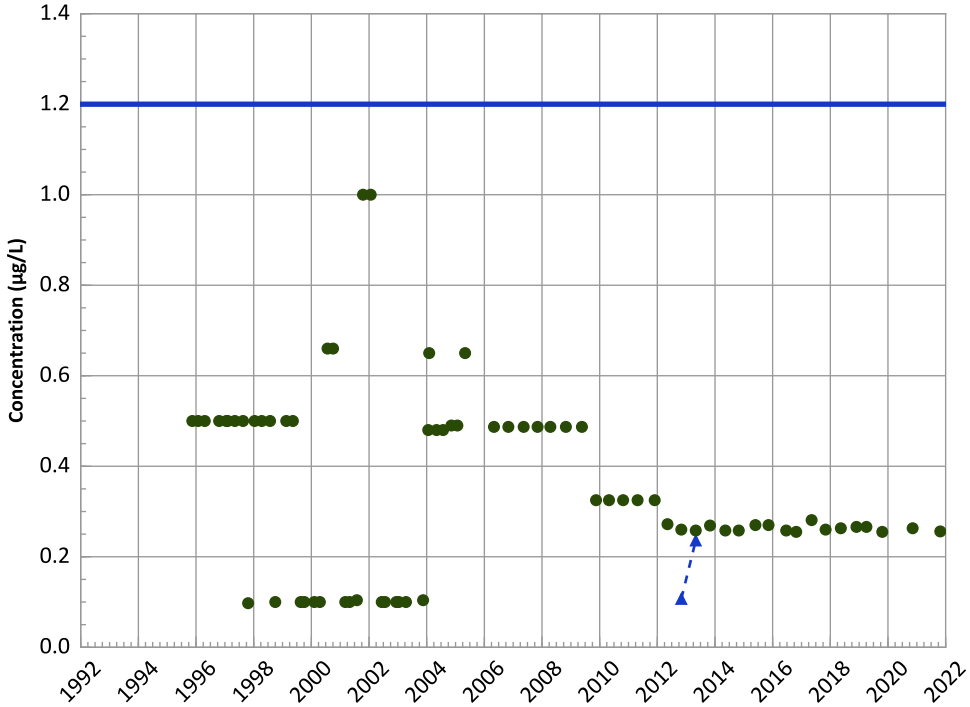
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

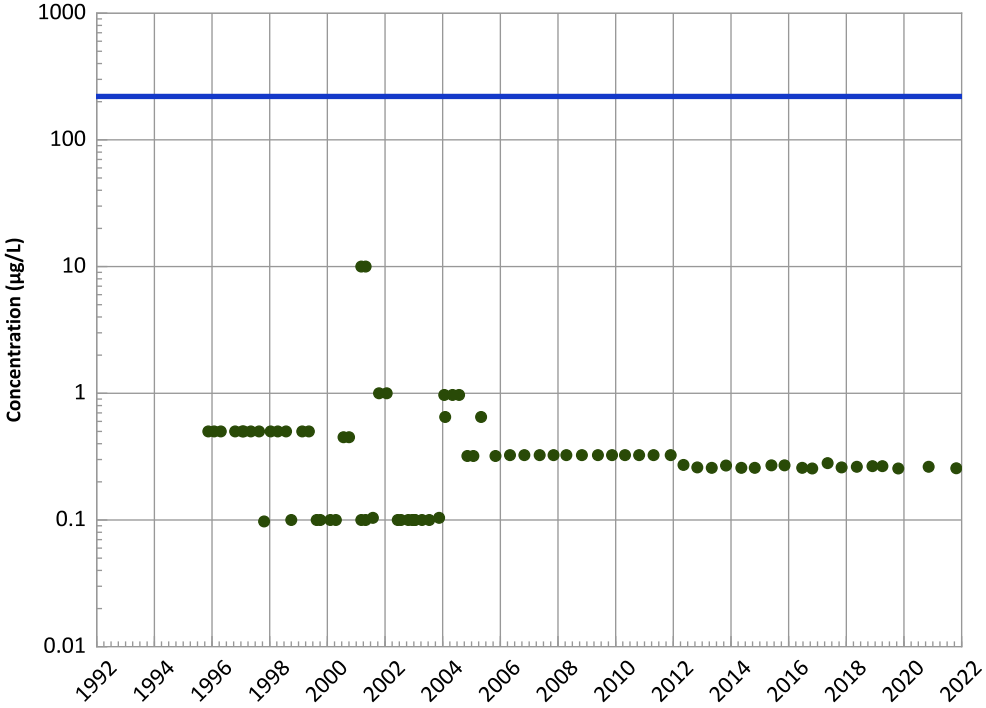


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

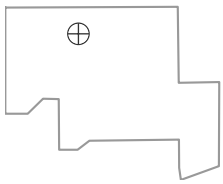
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

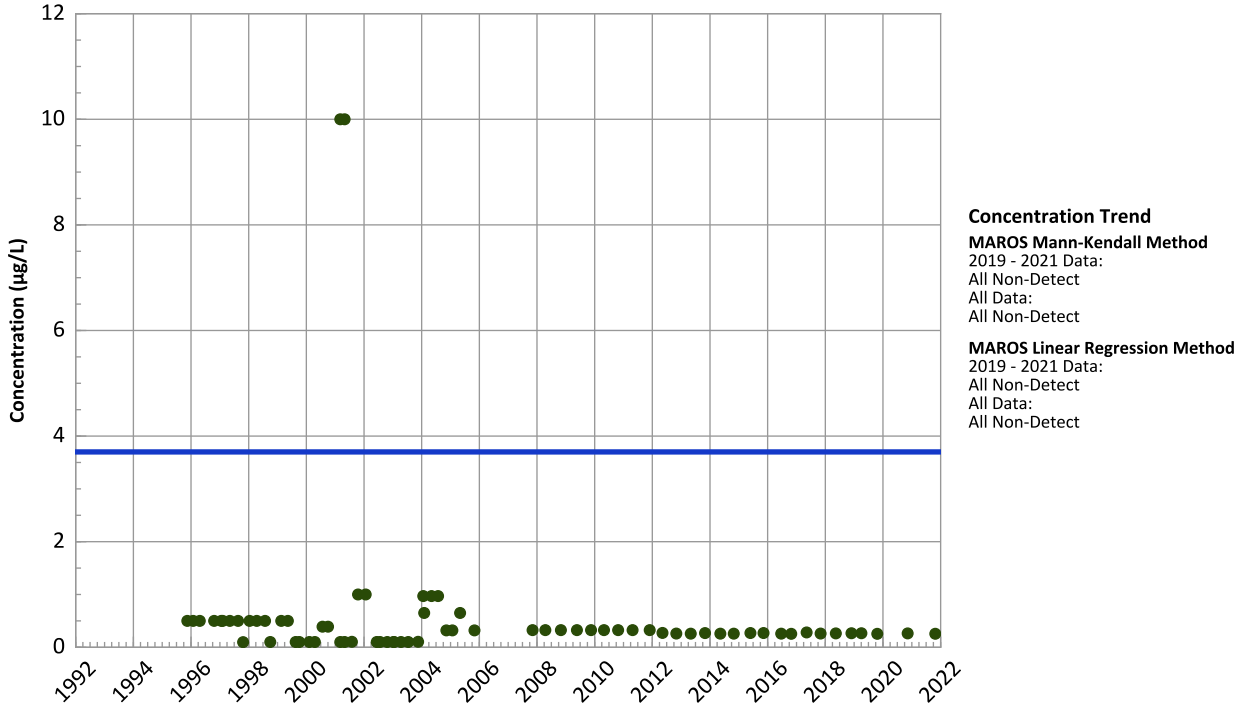
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

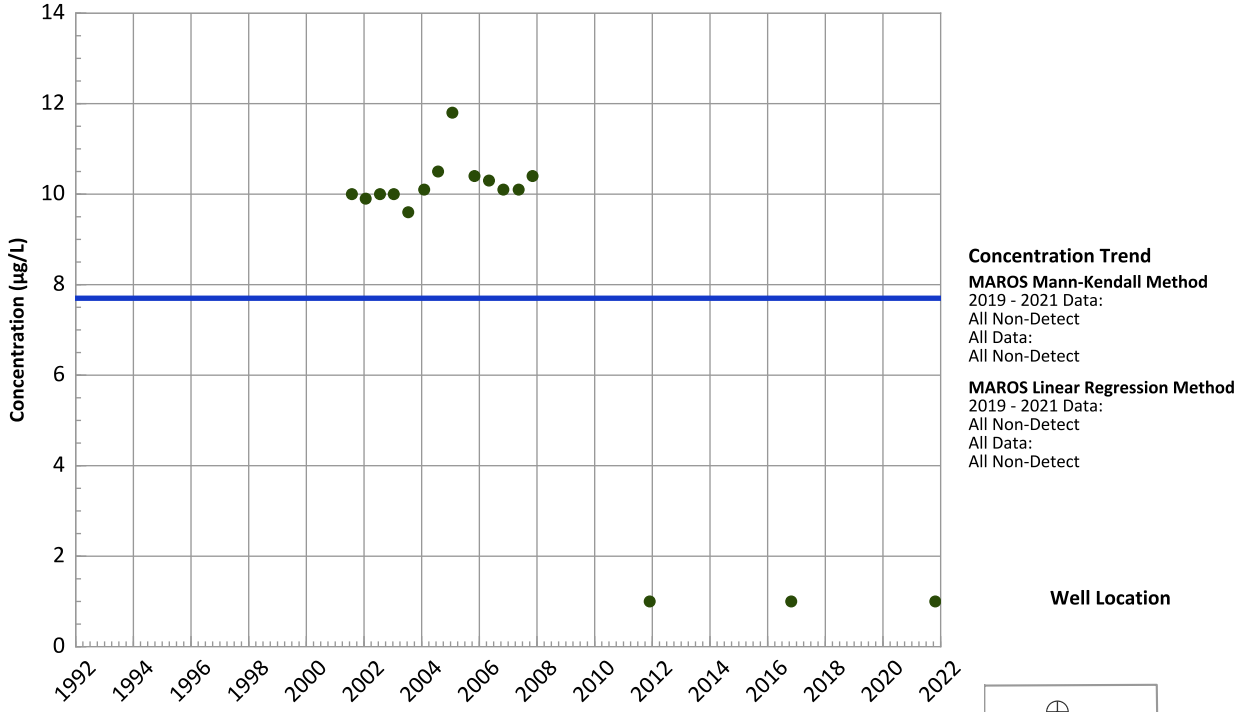


PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



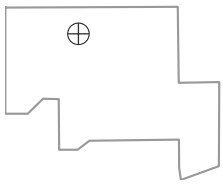
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

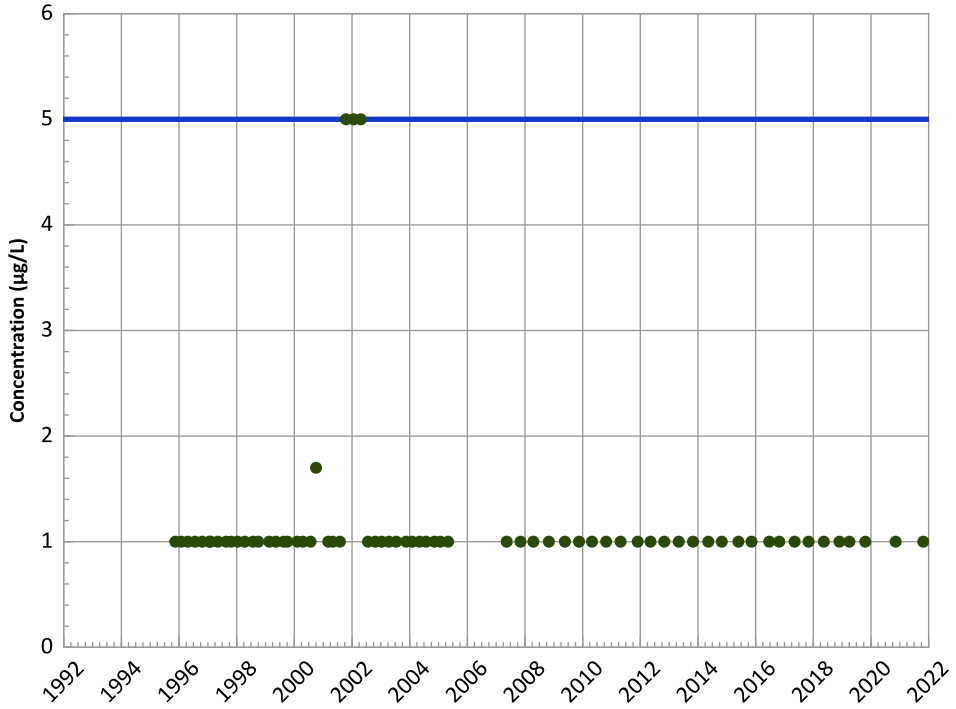
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

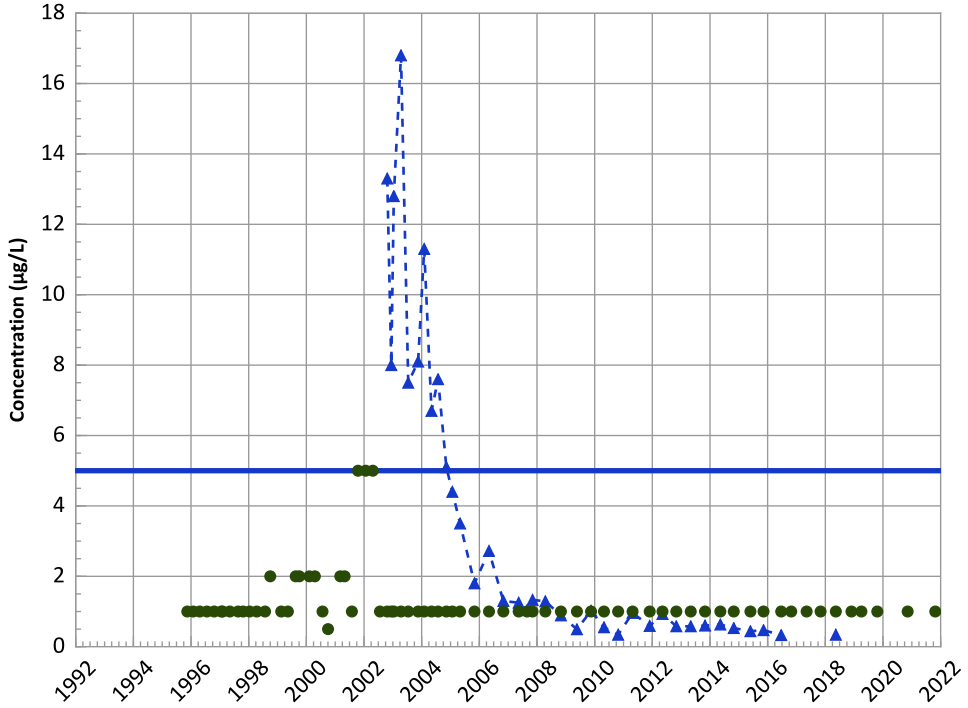


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

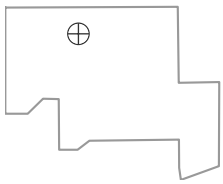
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

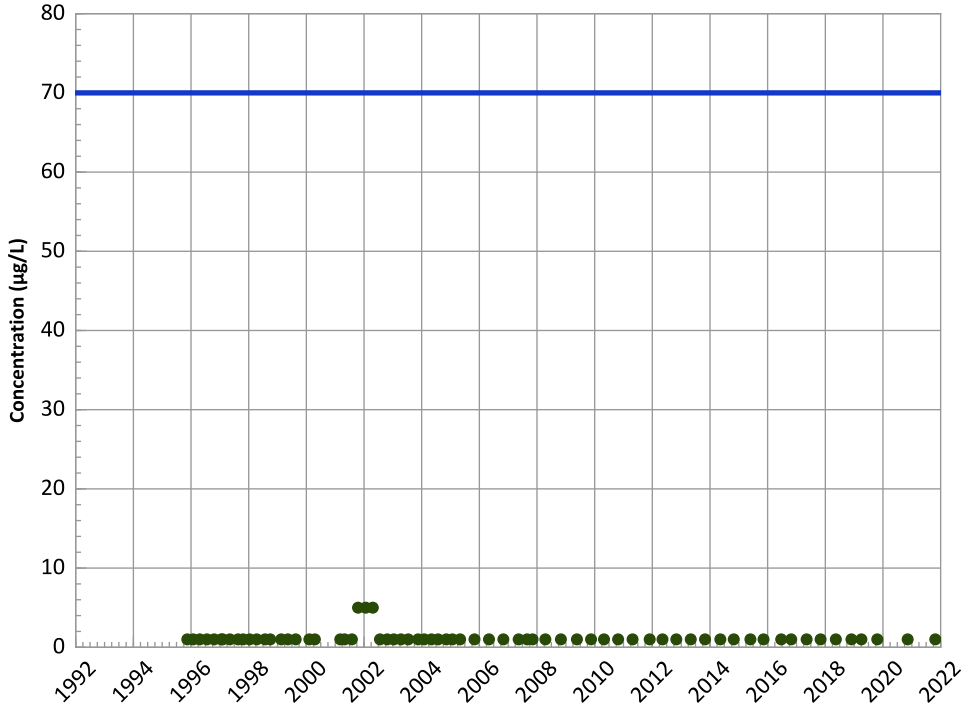
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

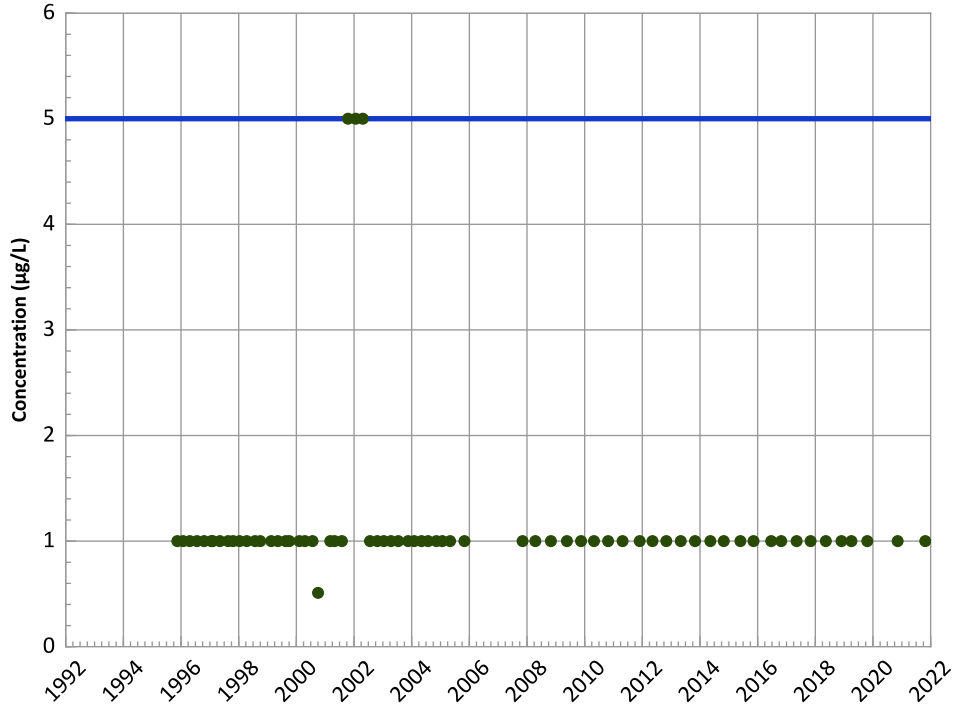


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

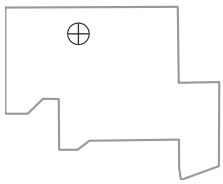
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

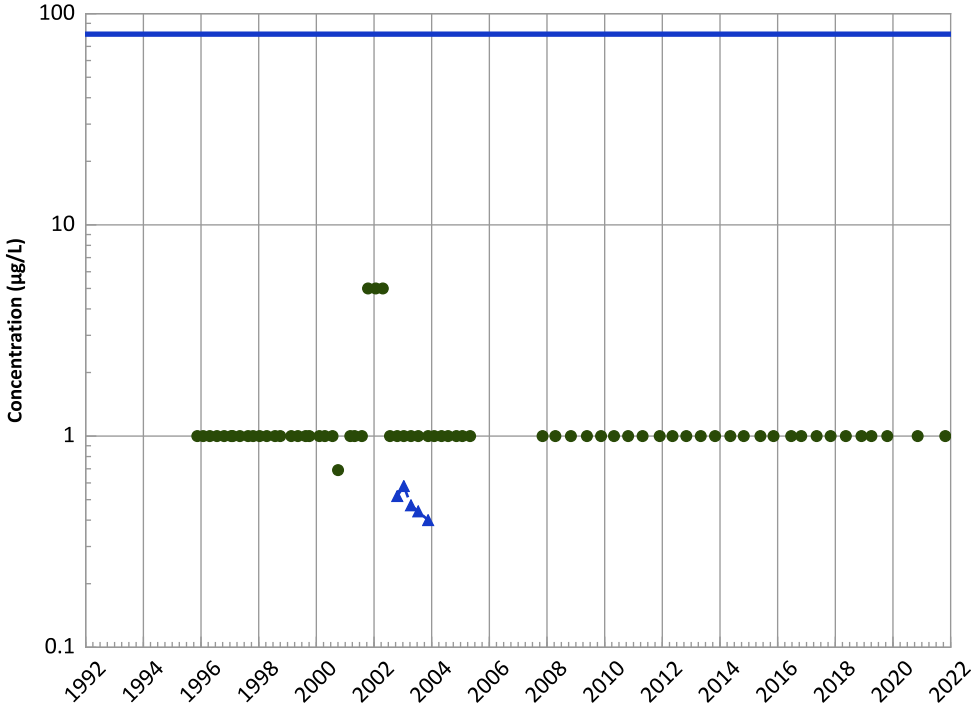
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

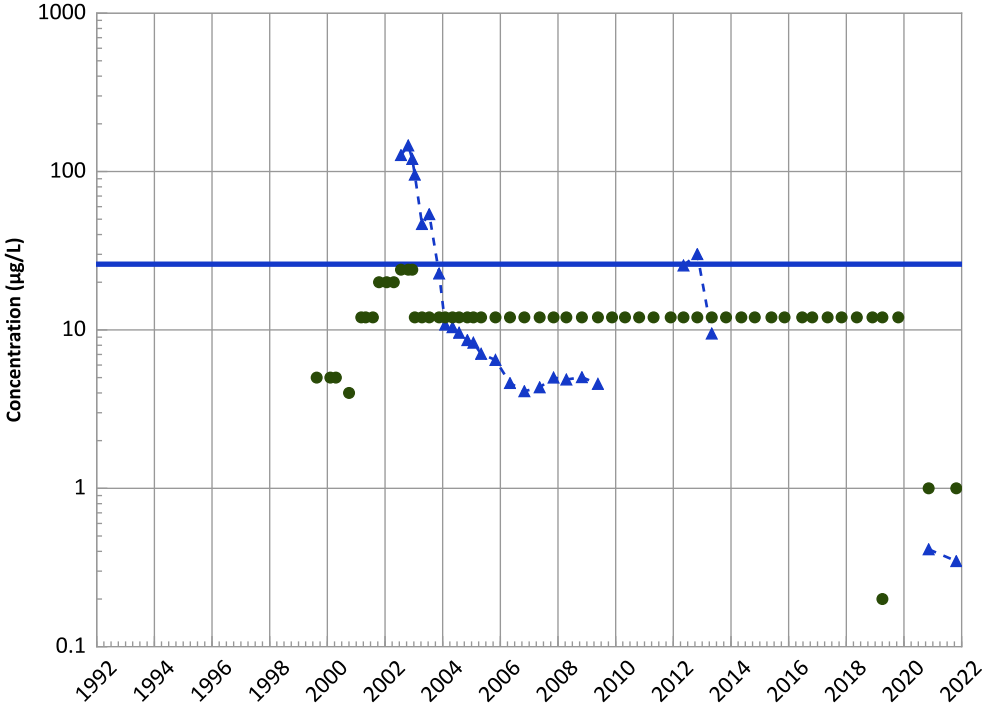


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

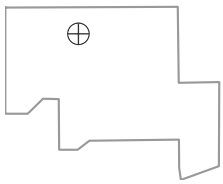
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

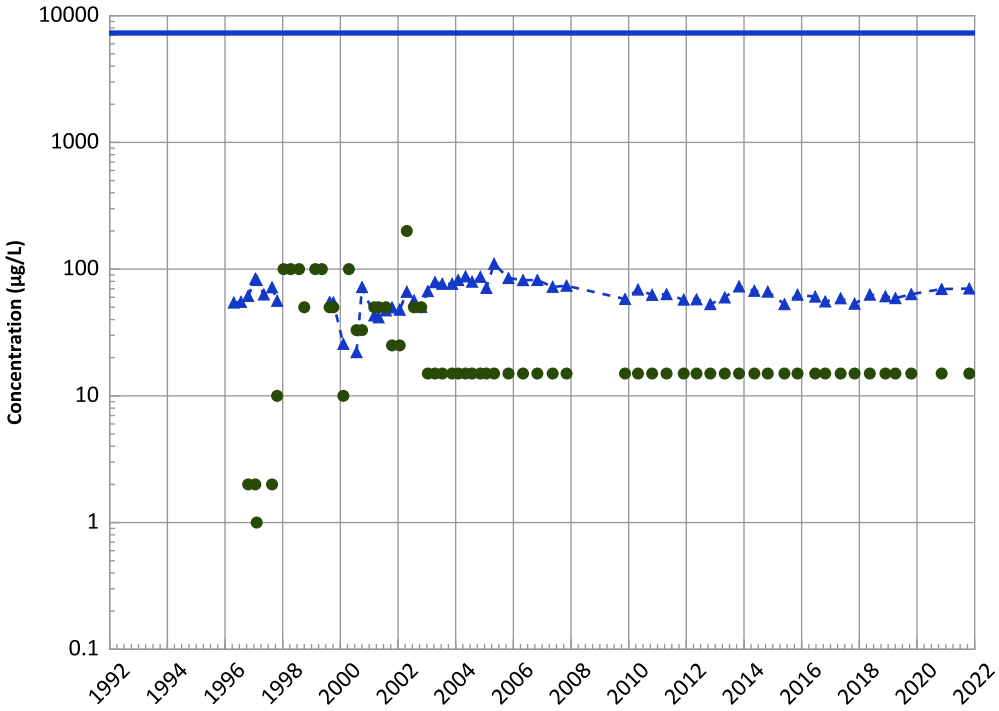
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

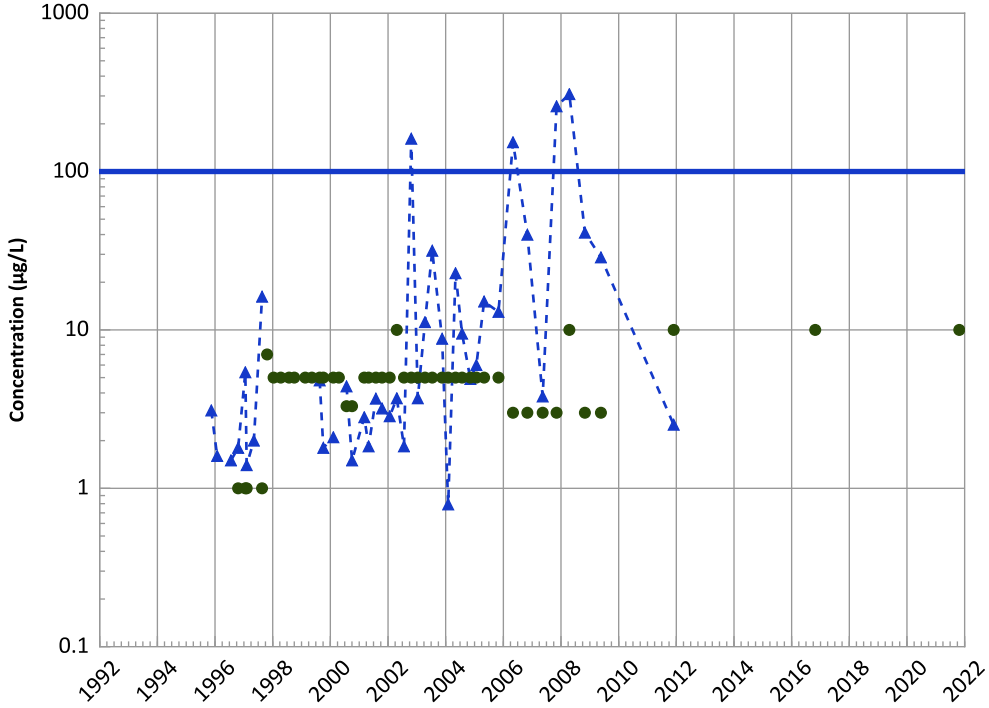


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

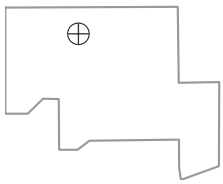
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

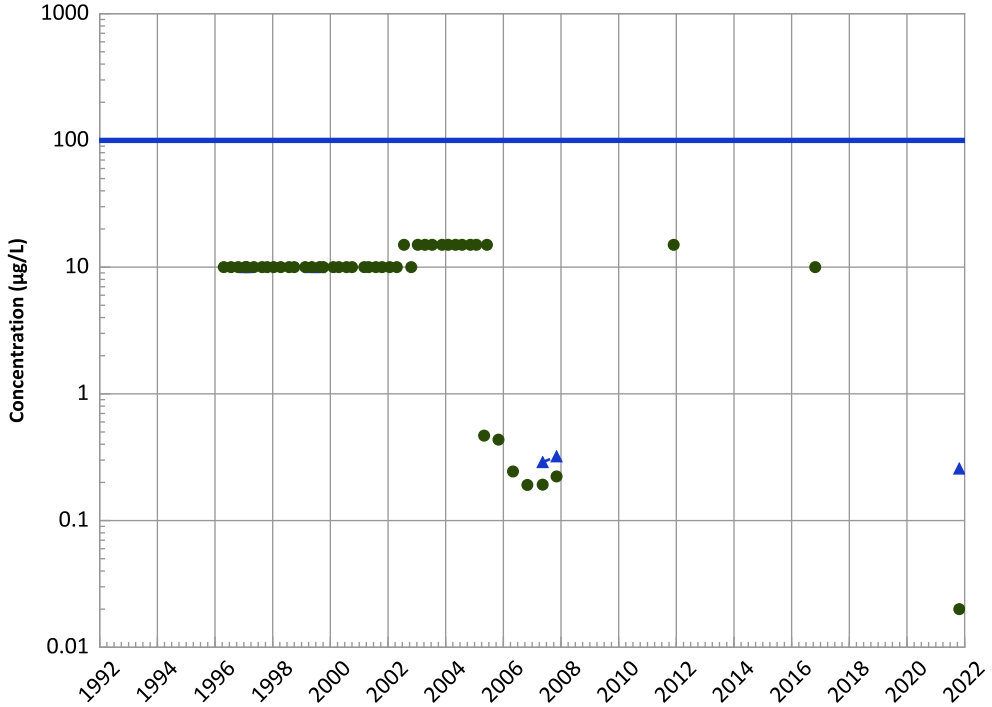
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

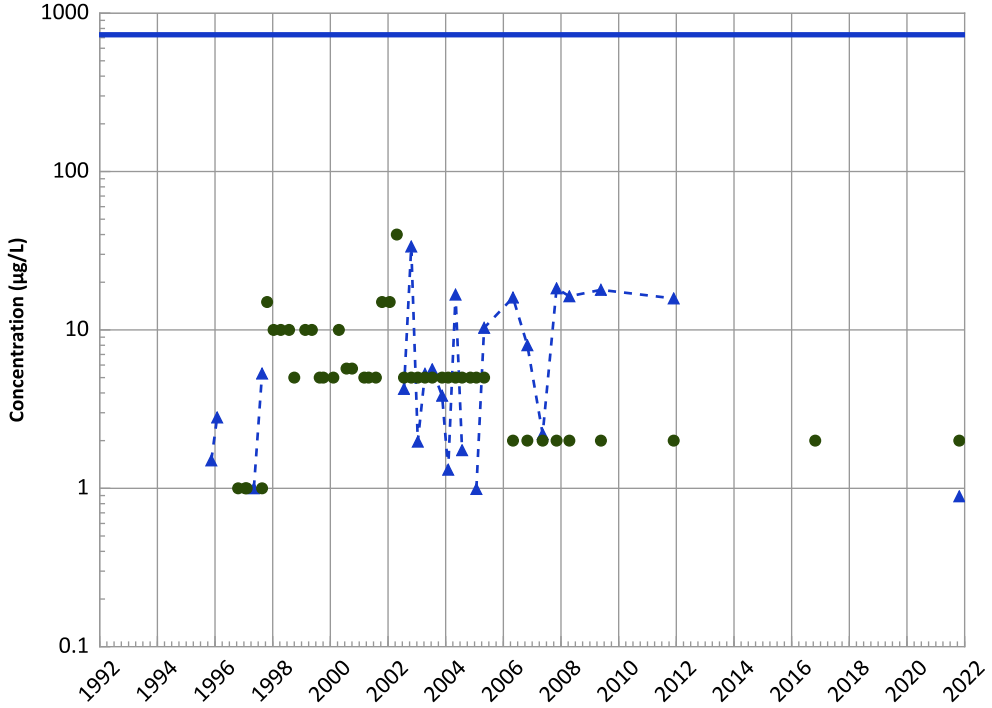


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Nickel Trend



Concentration Trend

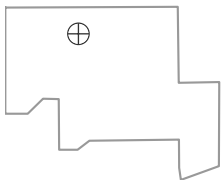
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

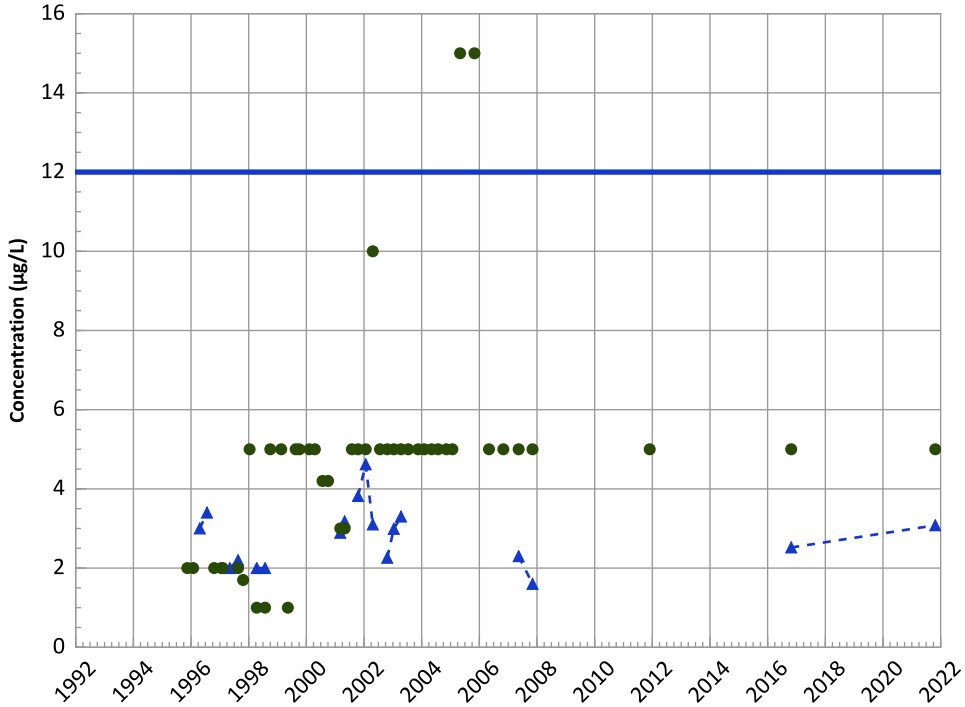
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

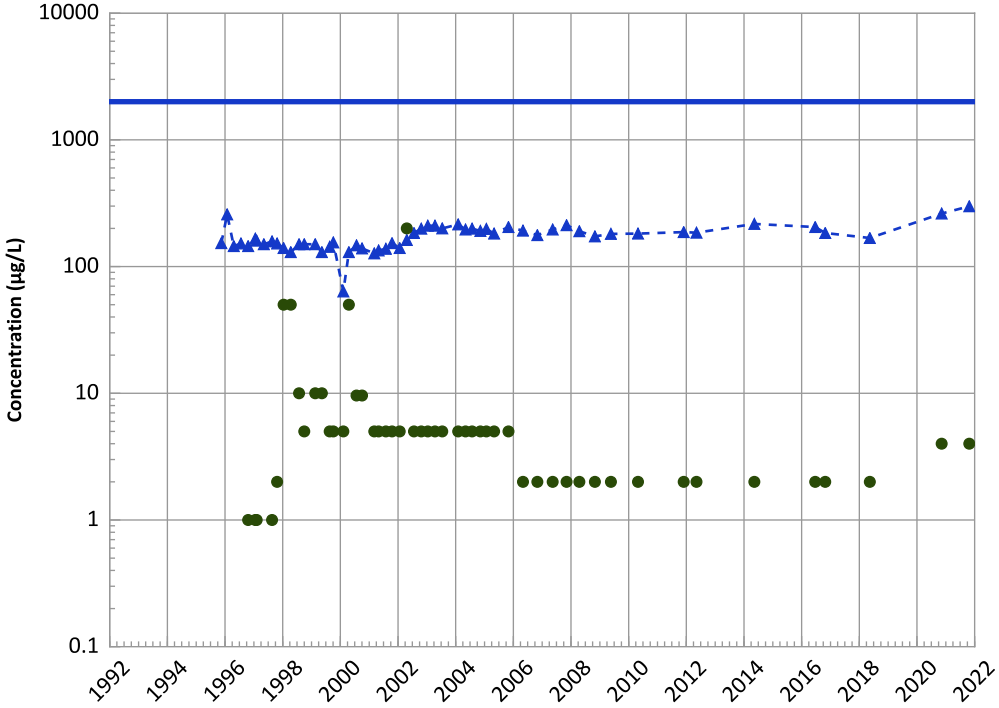


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Barium Trend



Concentration Trend

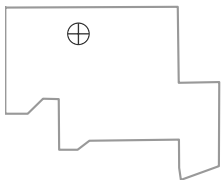
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

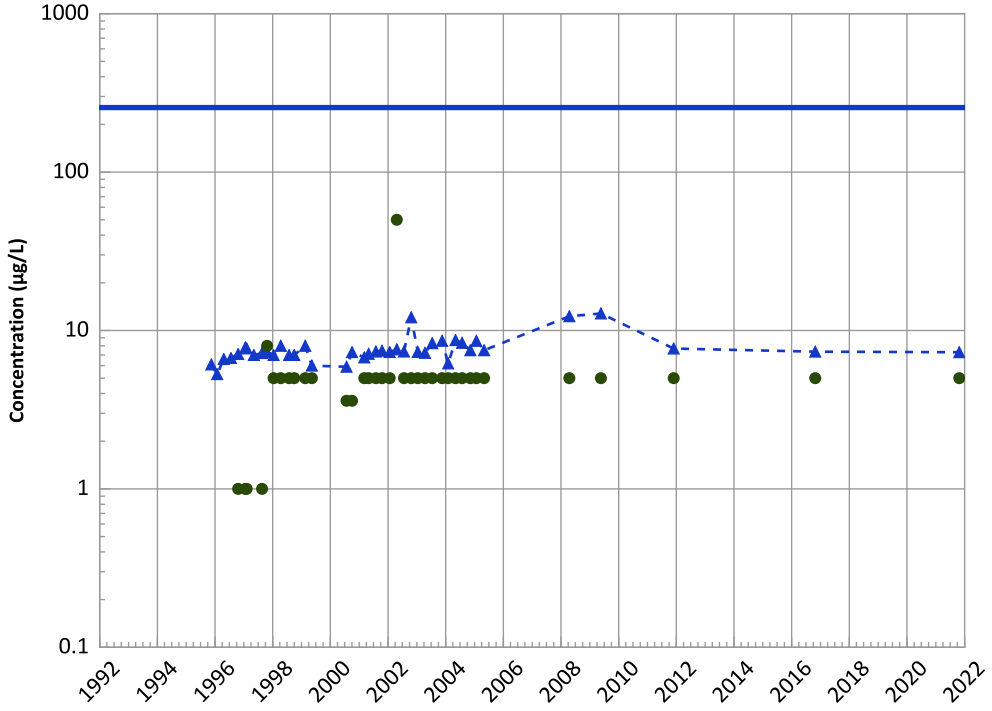
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

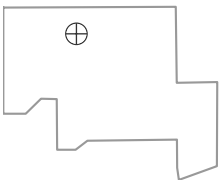
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

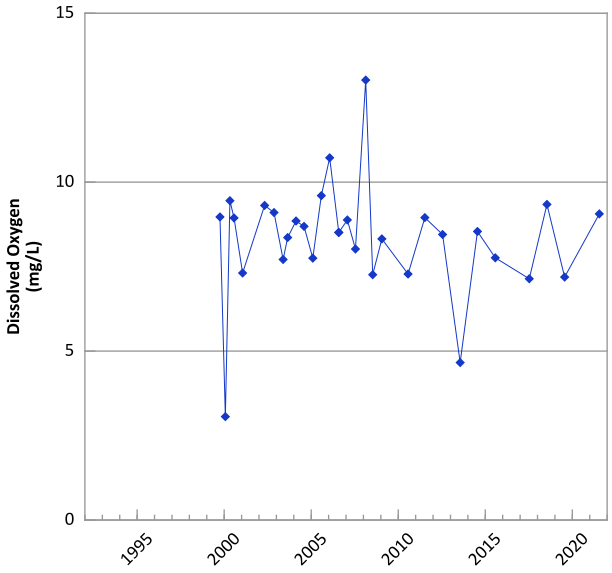
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/15/1995 to 10/25/2021
Analysis Date: 04/05/2022

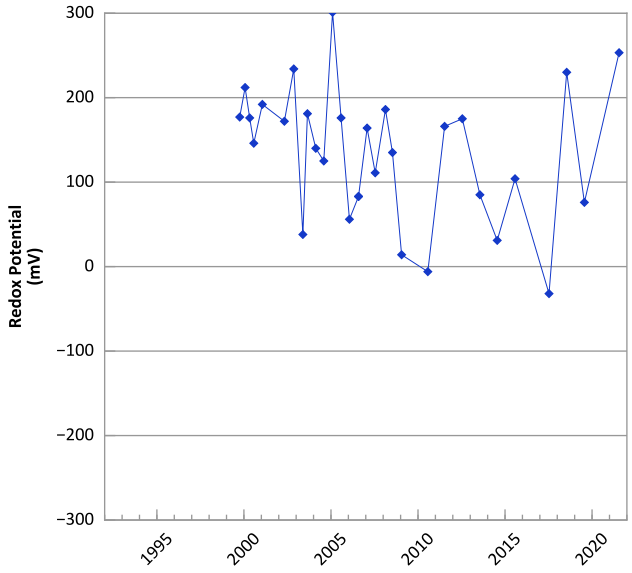
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

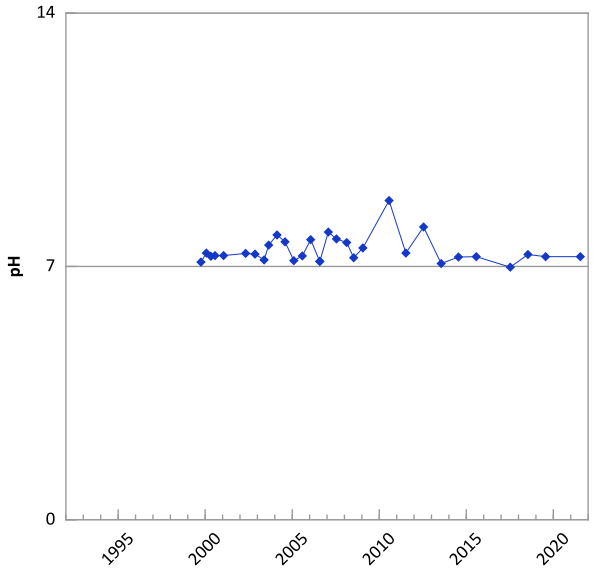
Well Location

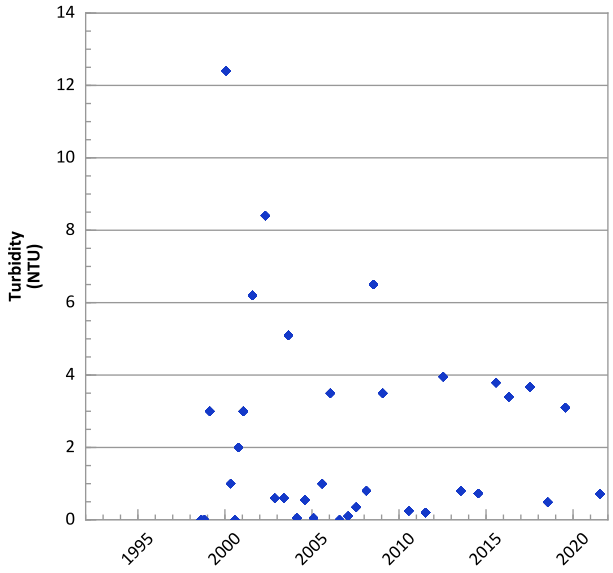


PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



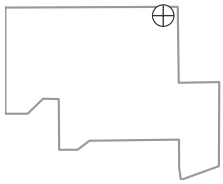






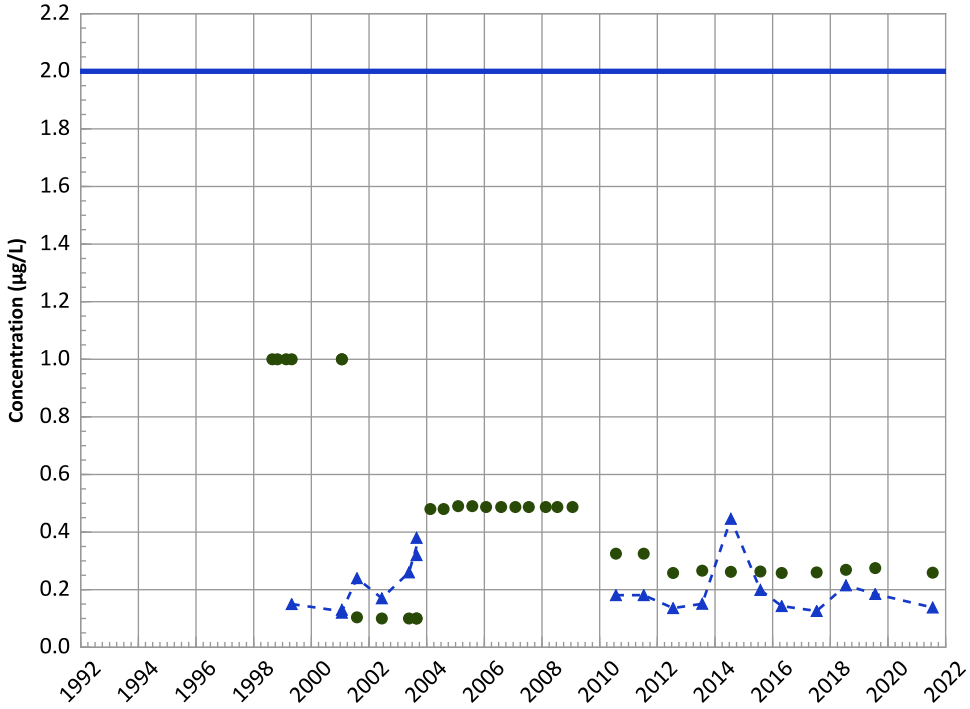
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

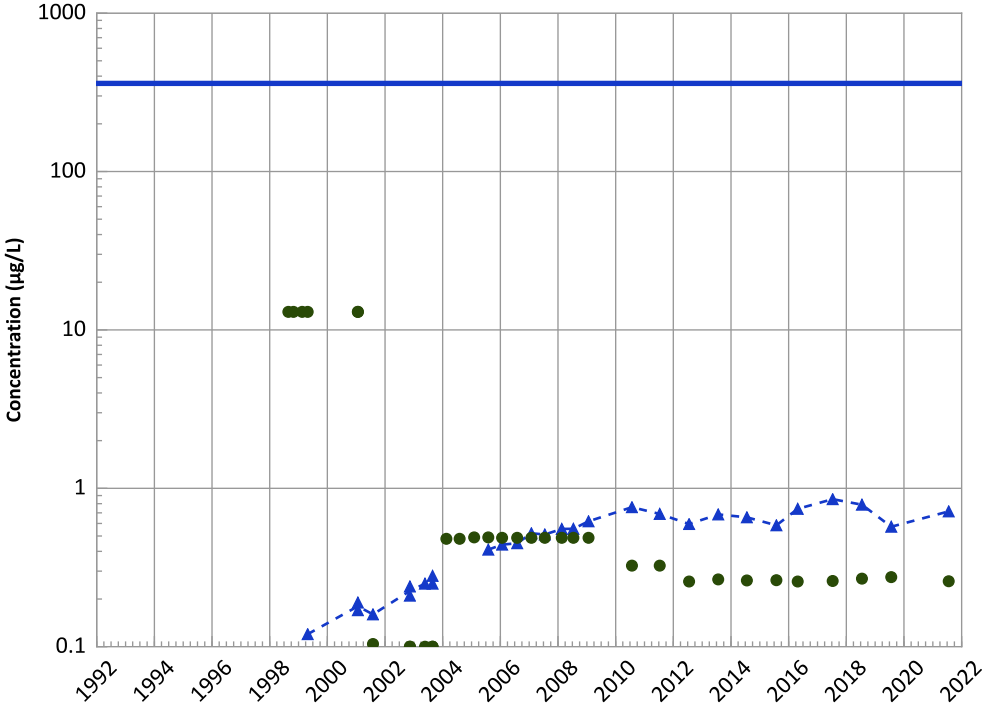


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

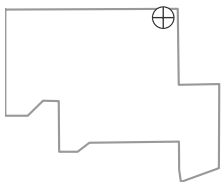
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

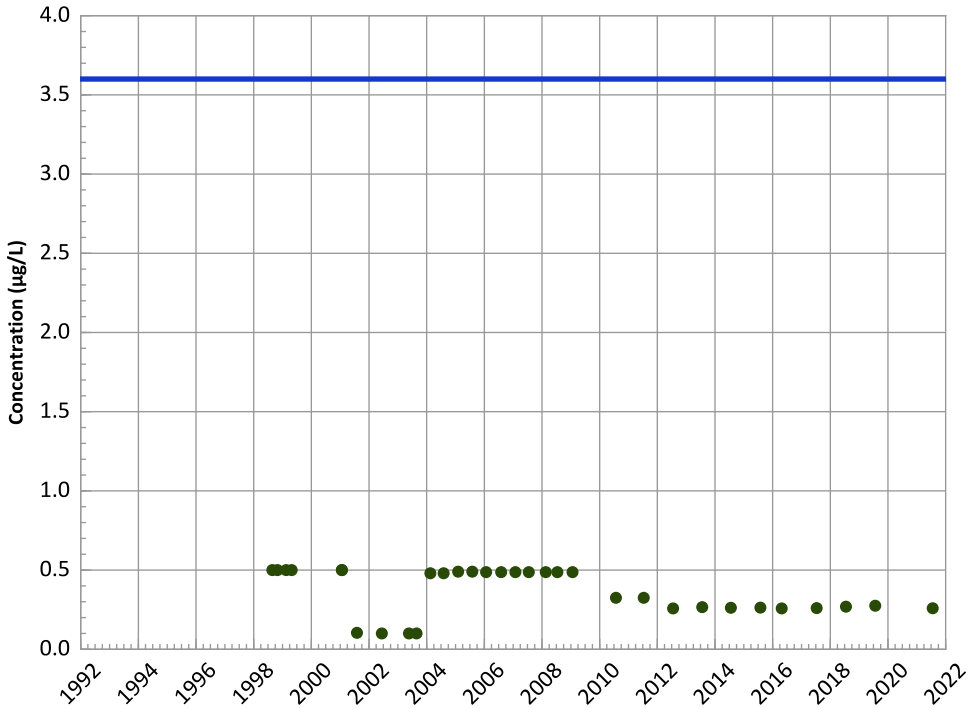
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

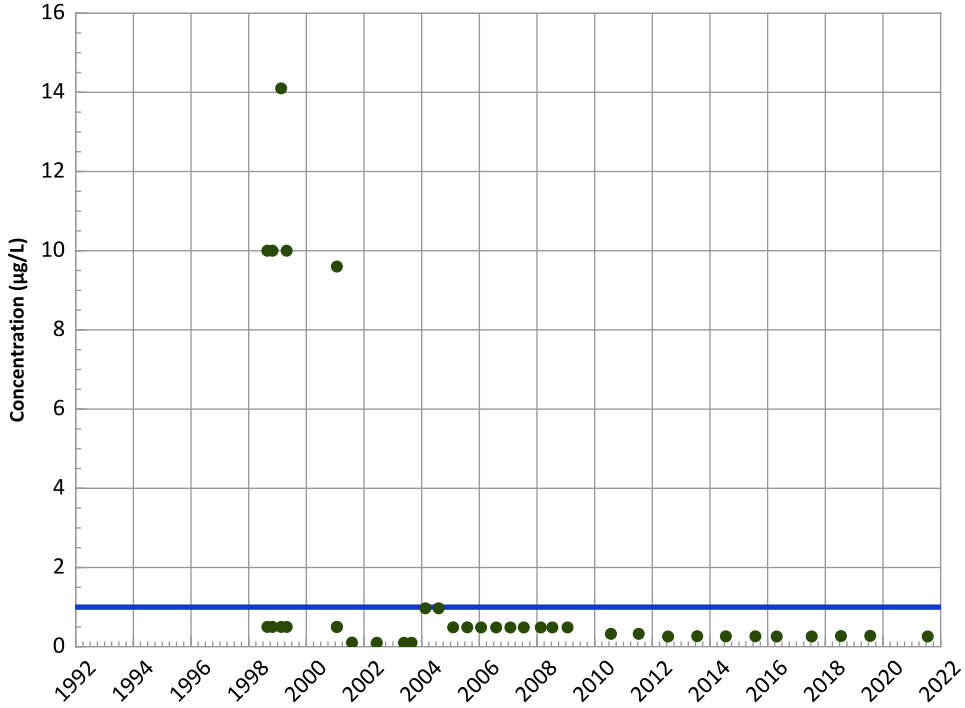


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

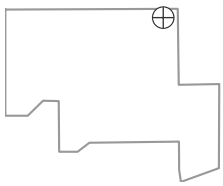
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

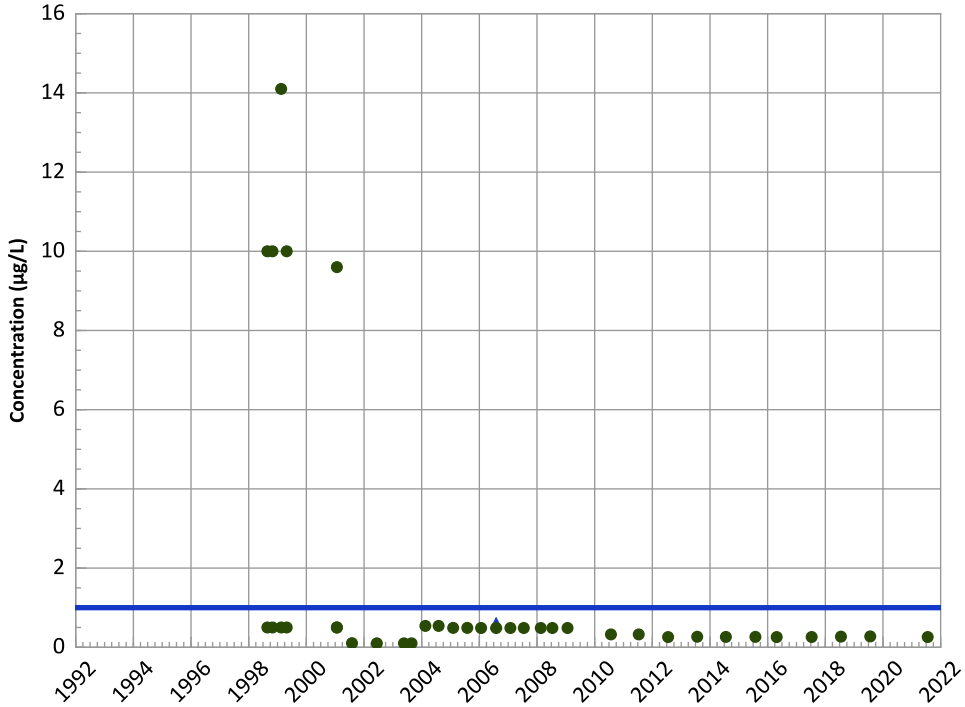
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

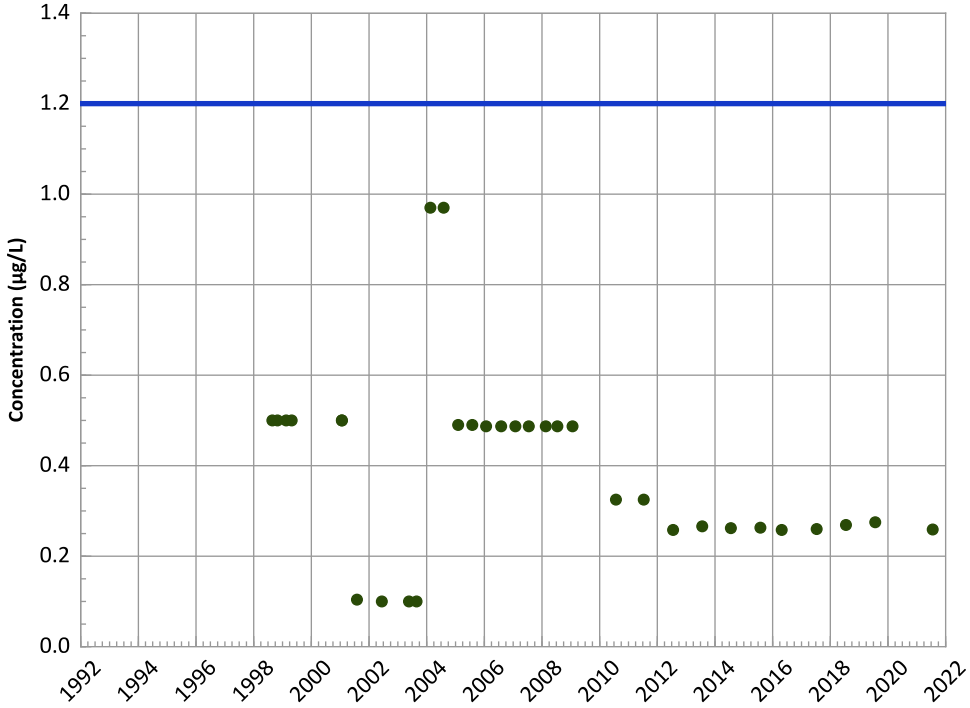


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

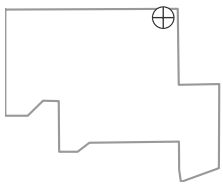
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

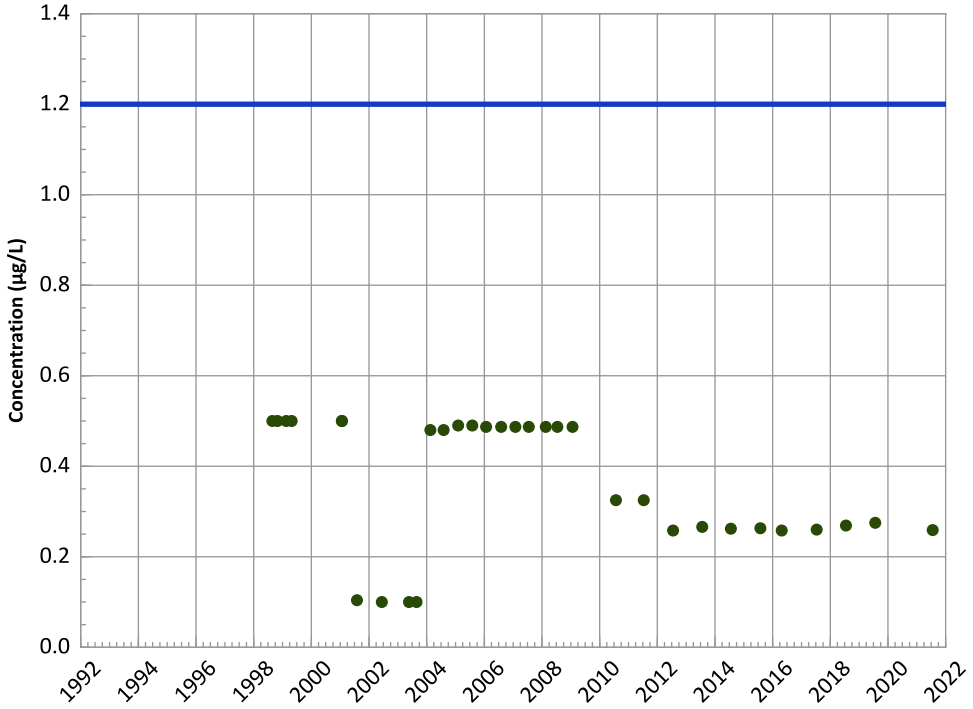
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

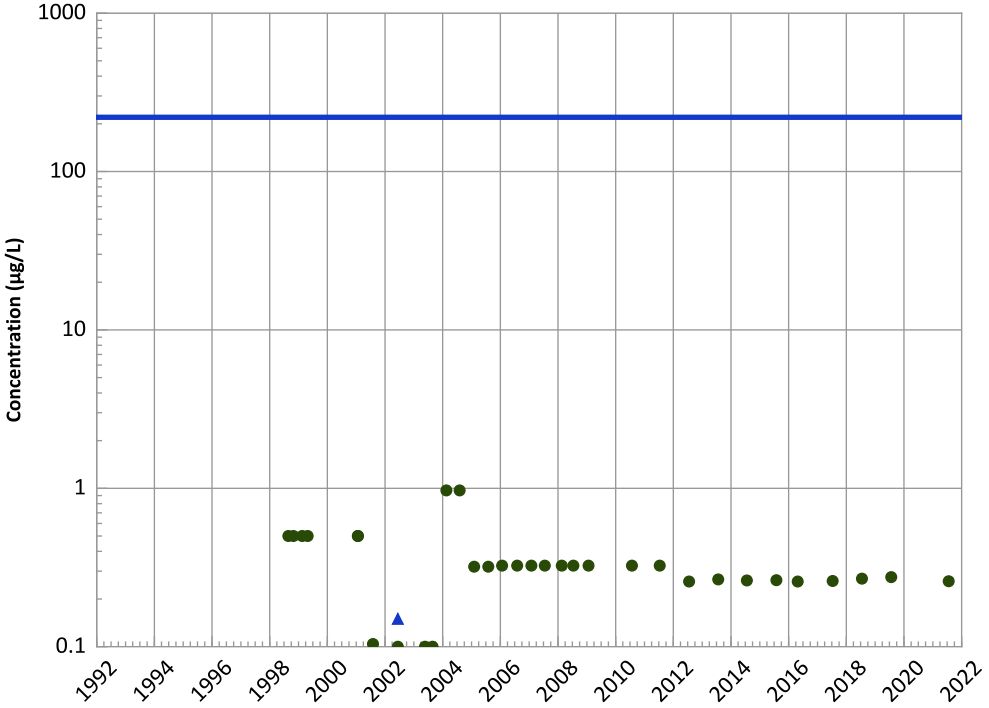


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

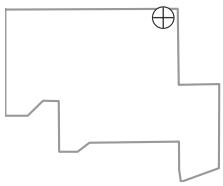
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

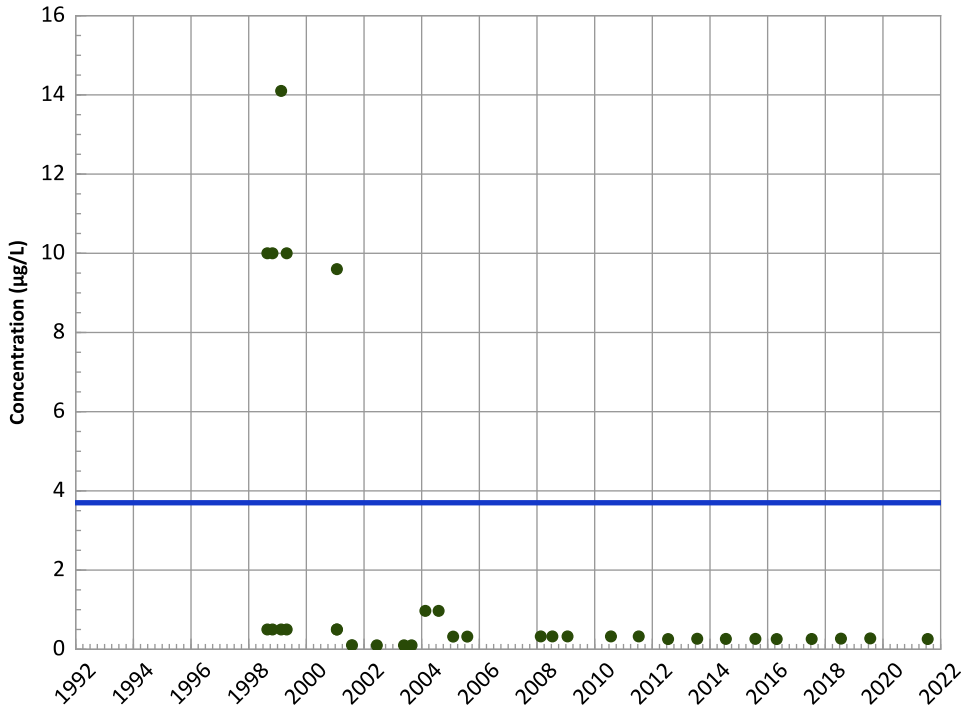
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

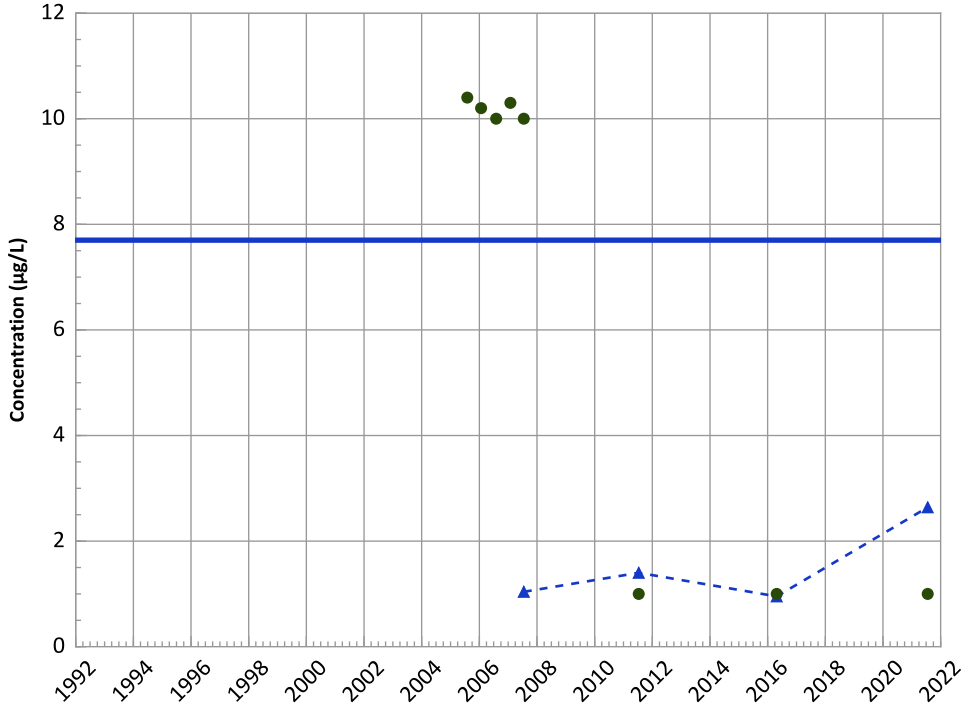


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

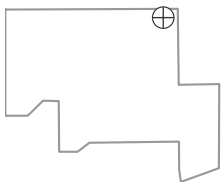
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

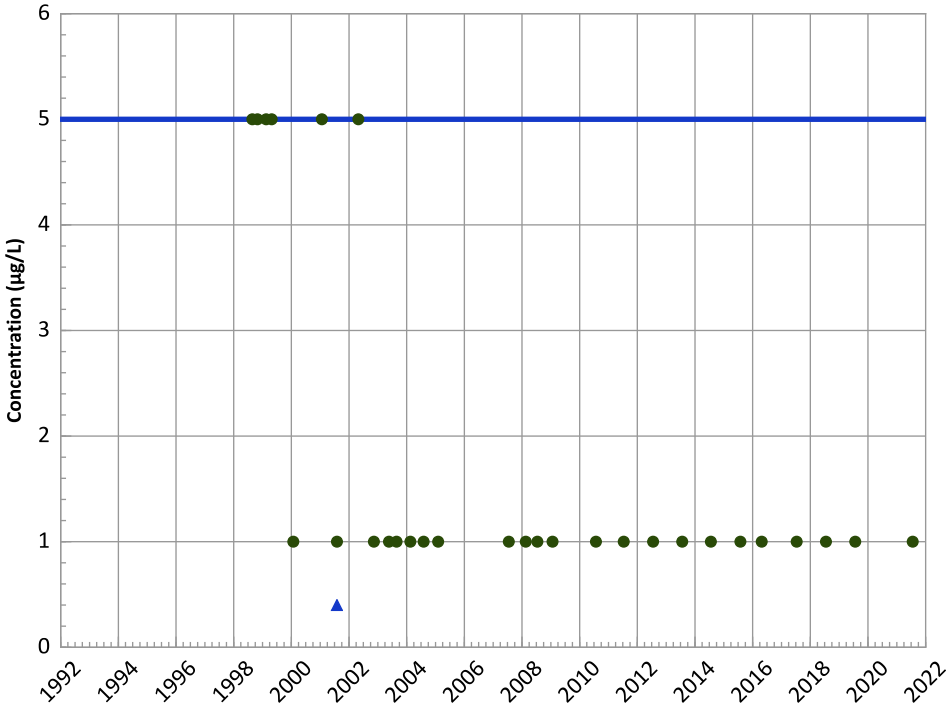
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

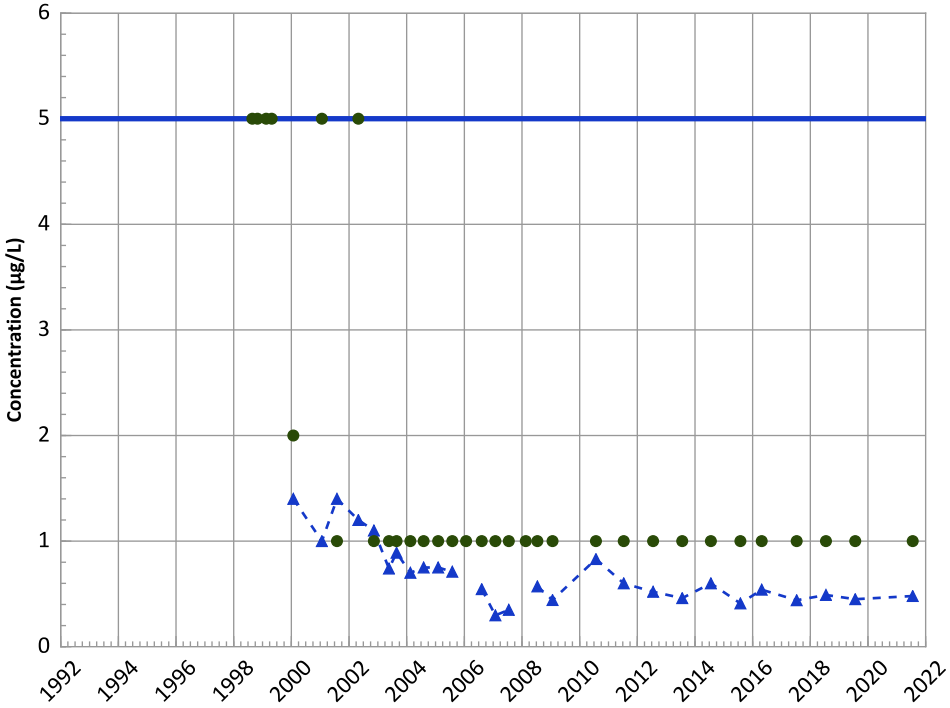


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

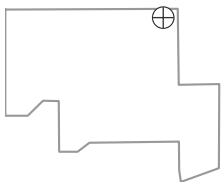
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

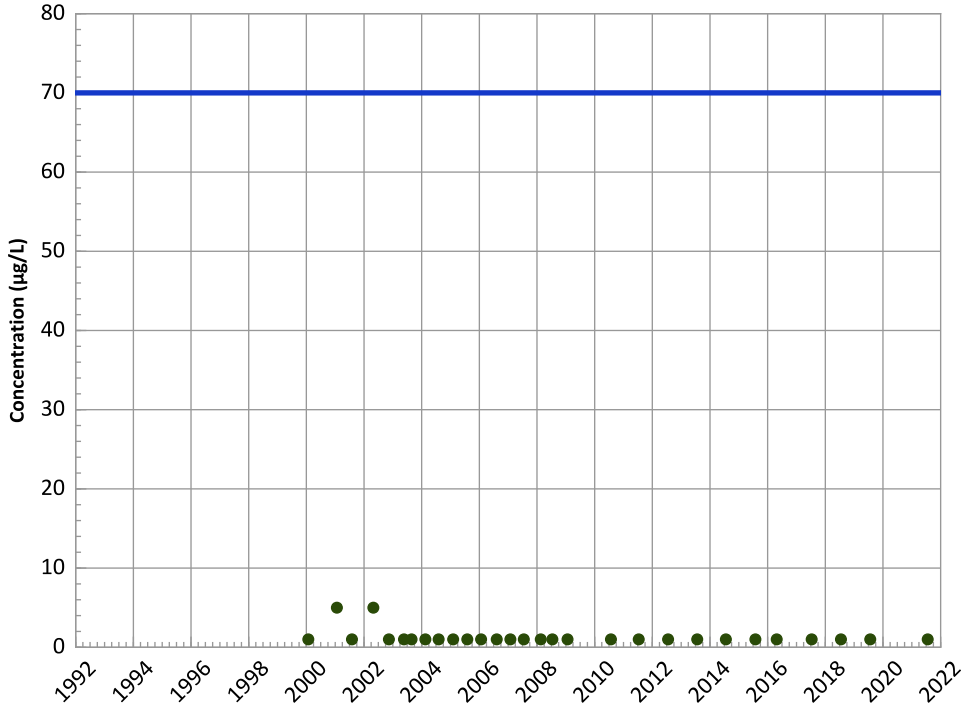
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

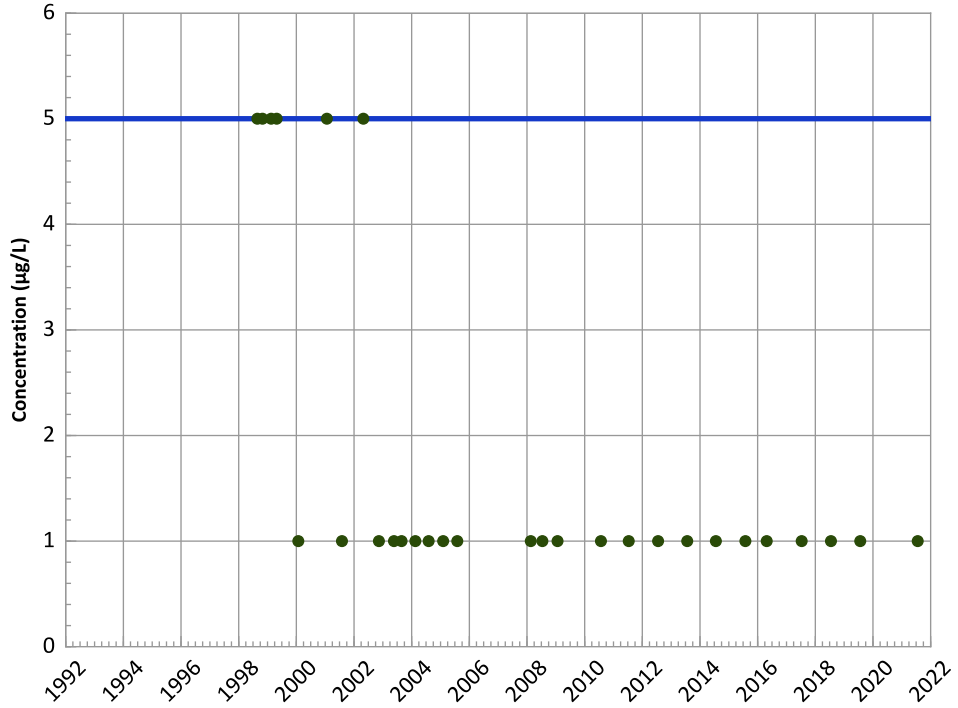


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

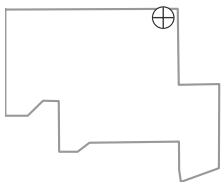
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

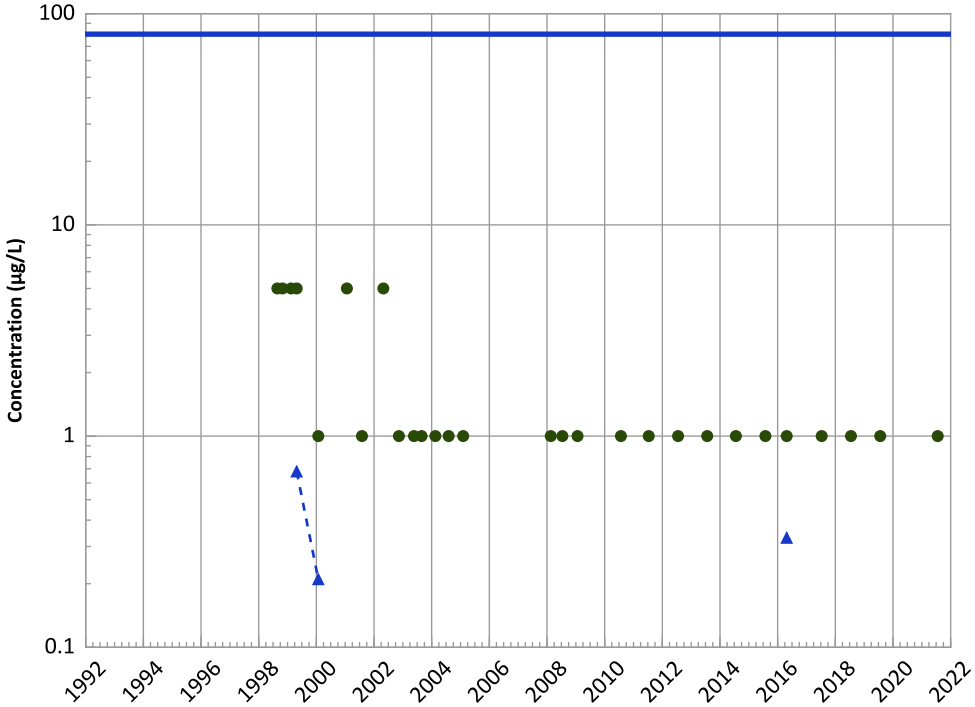
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

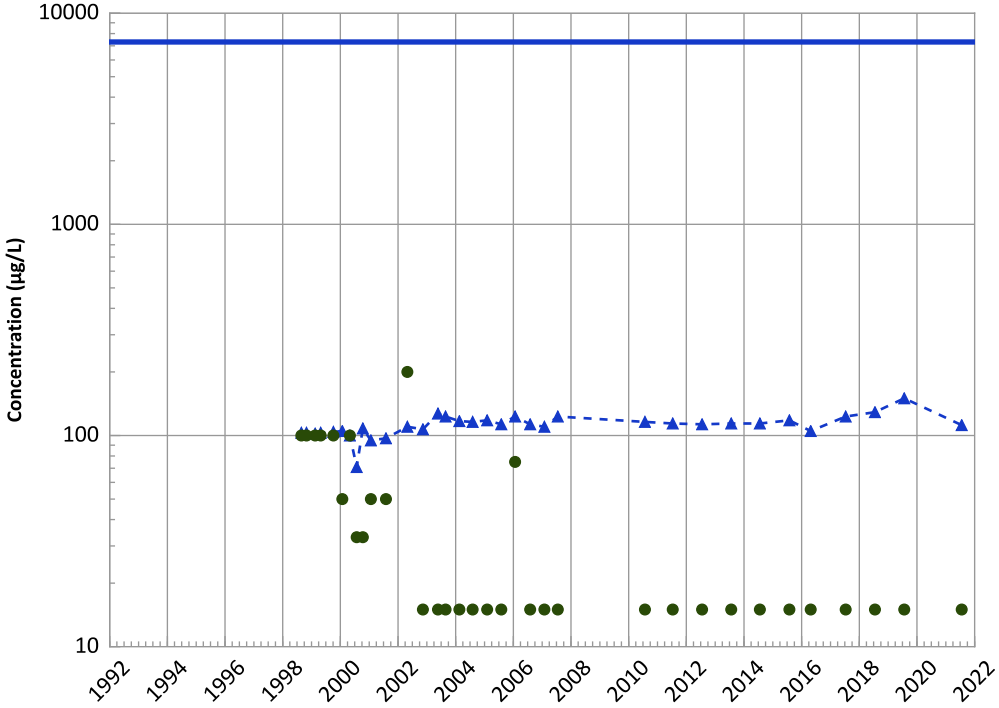


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Boron Trend



Concentration Trend

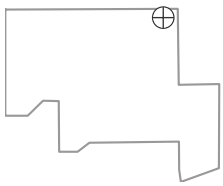
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

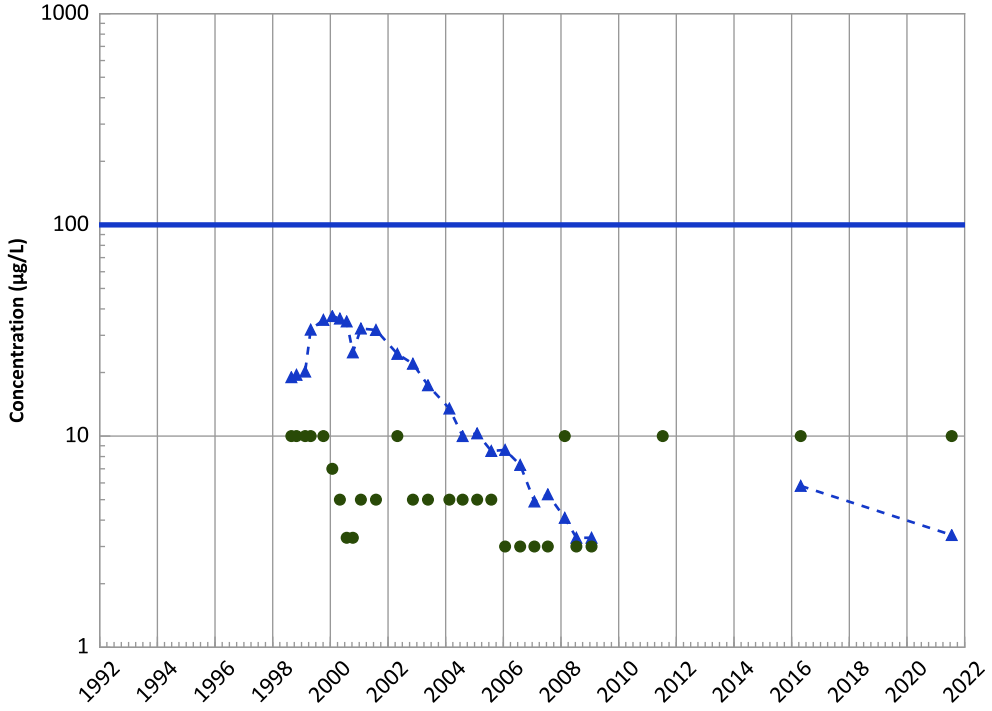
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

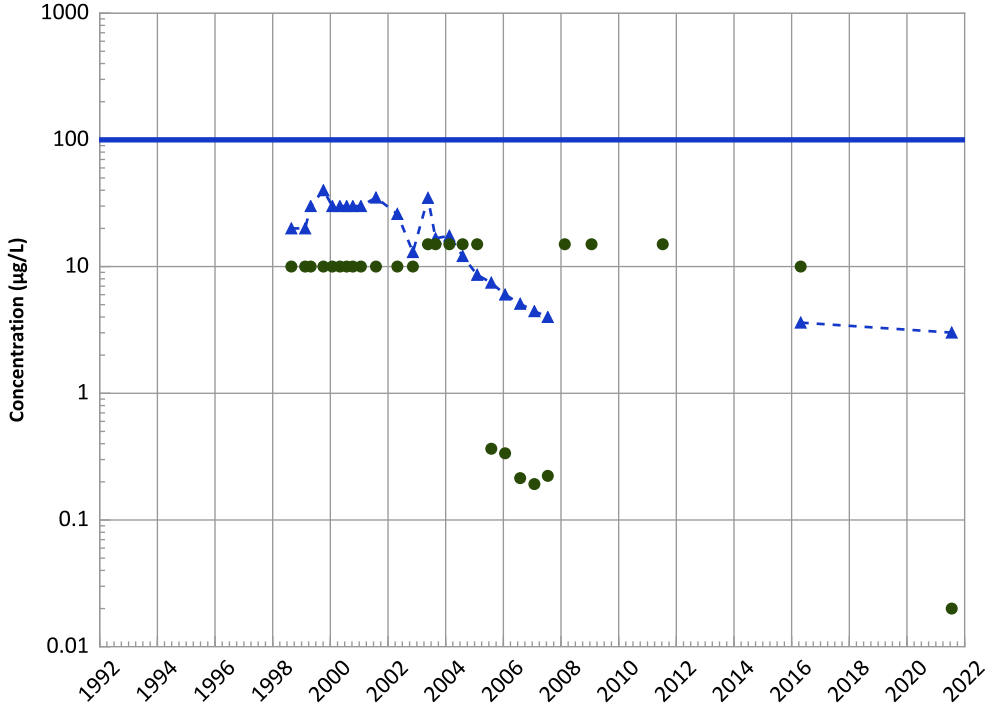


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

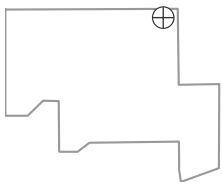
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

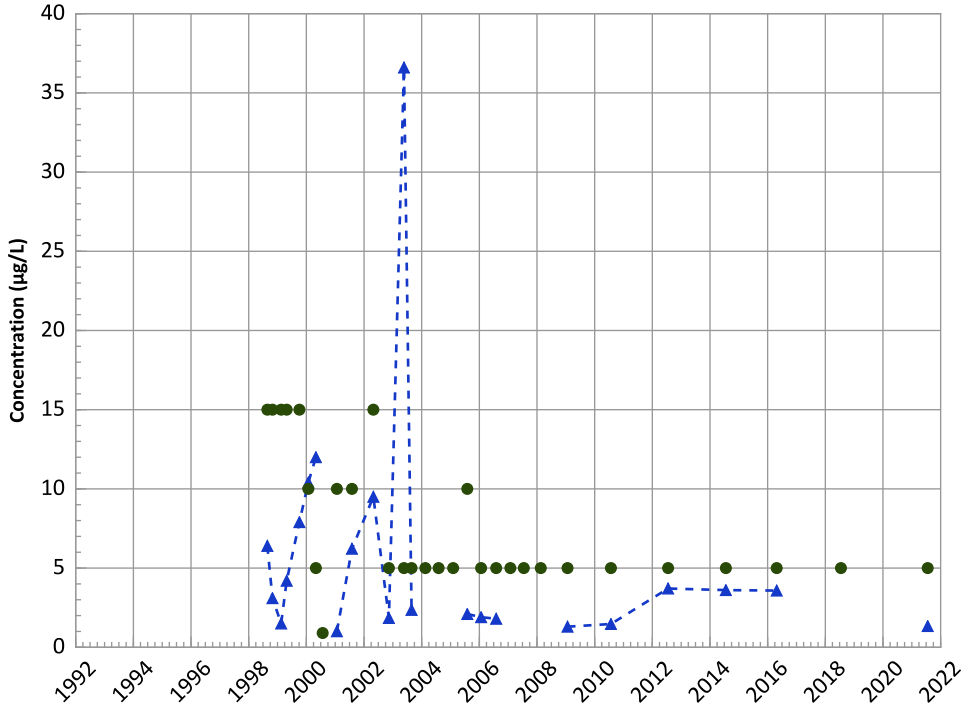
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

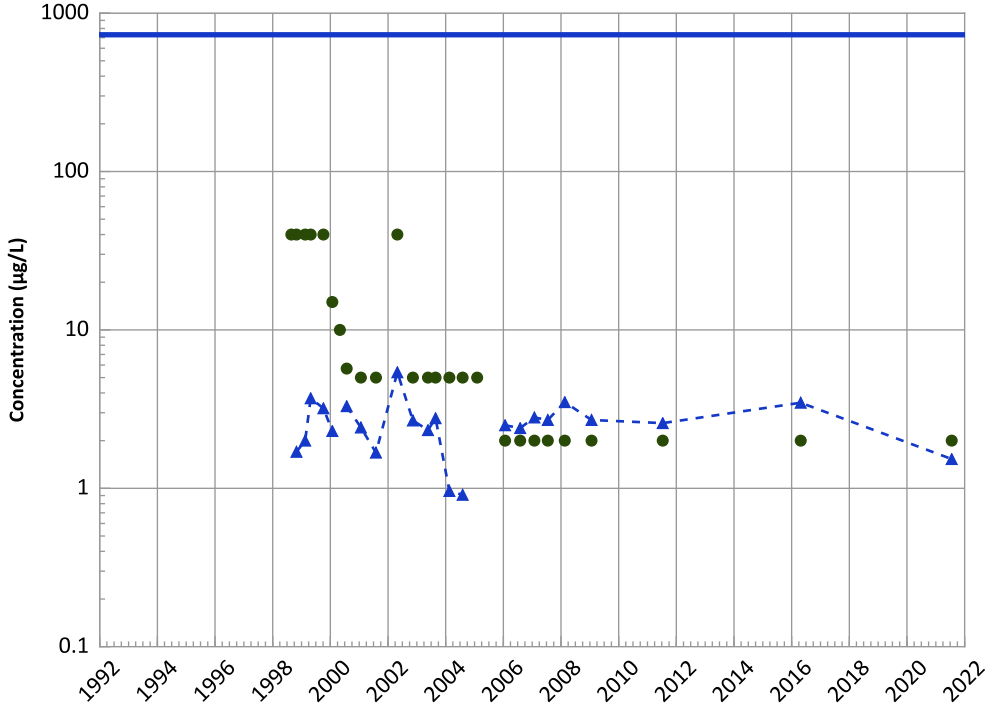


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Nickel Trend



Concentration Trend

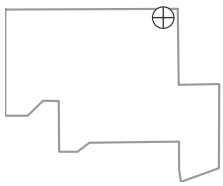
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

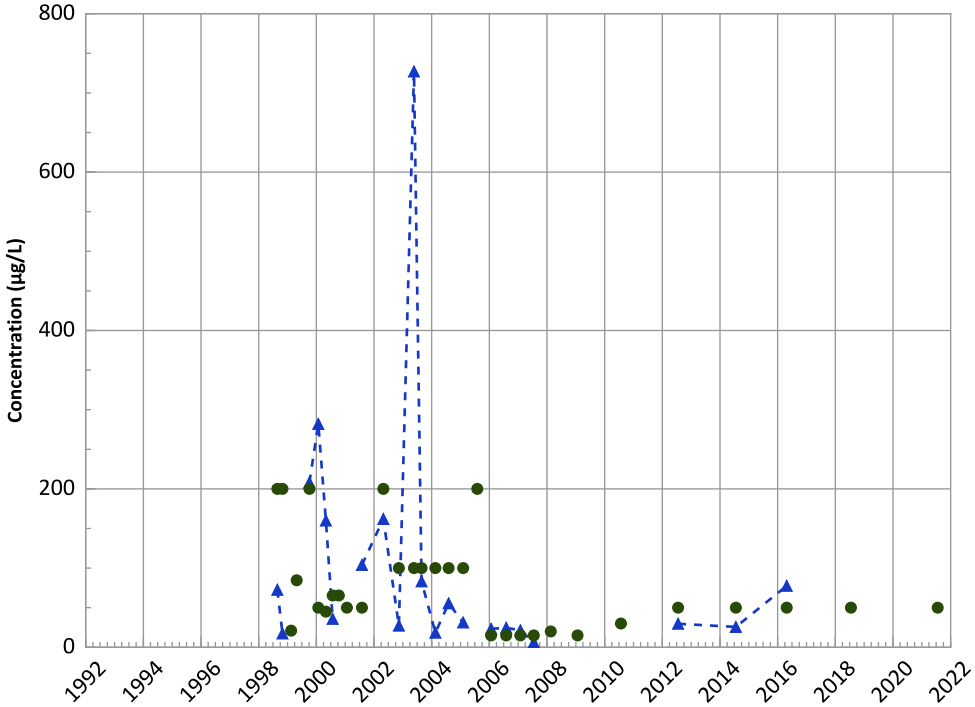
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

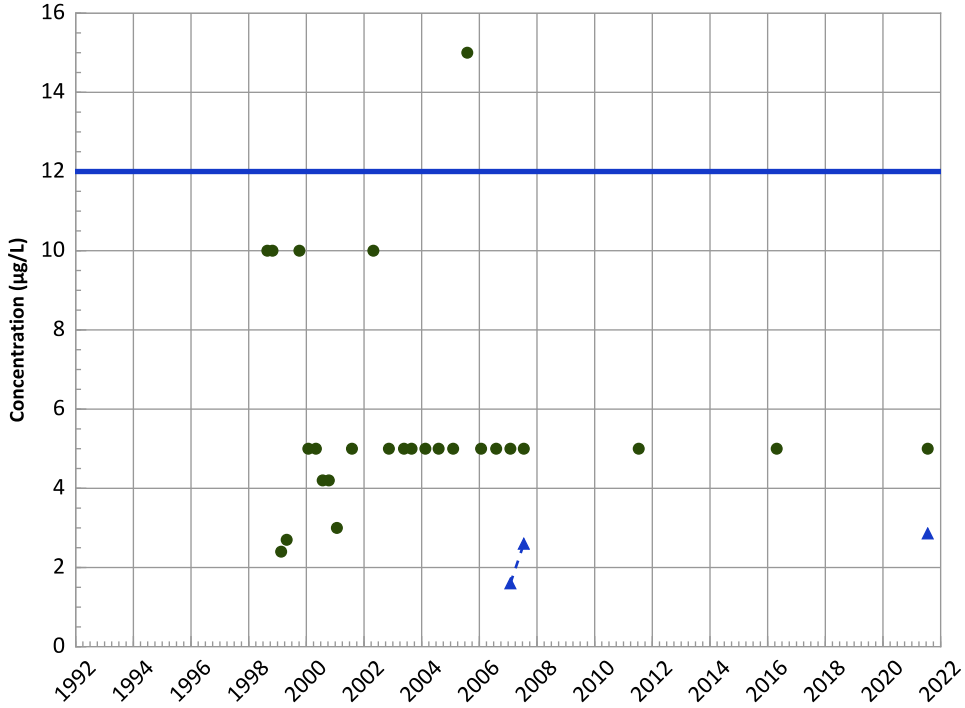


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

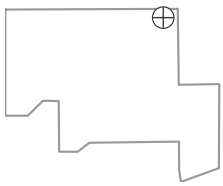
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

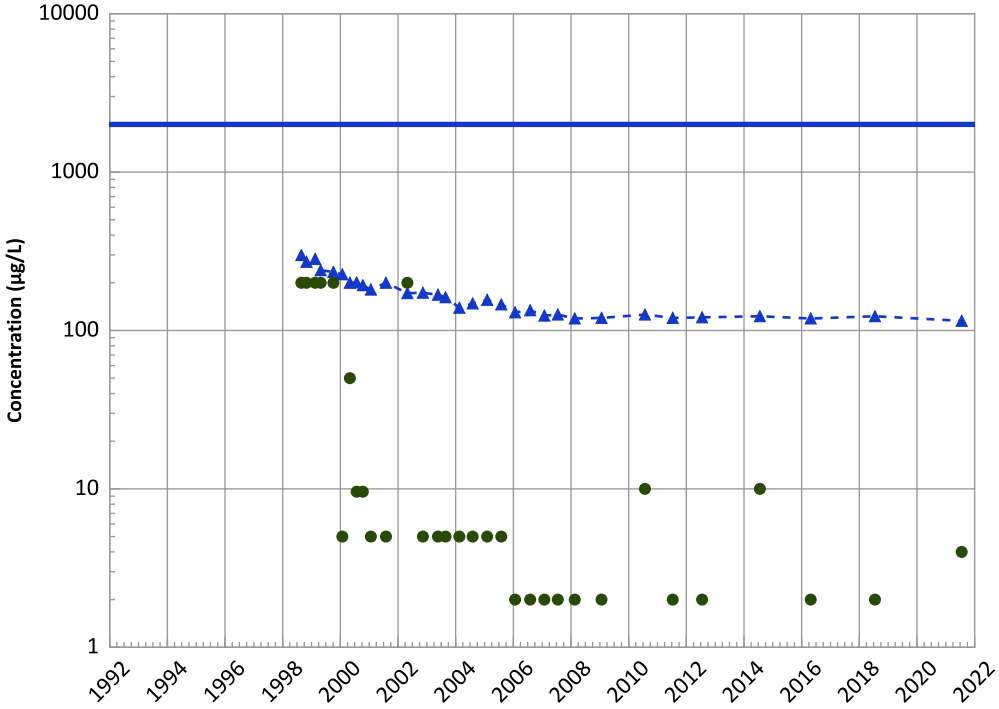
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

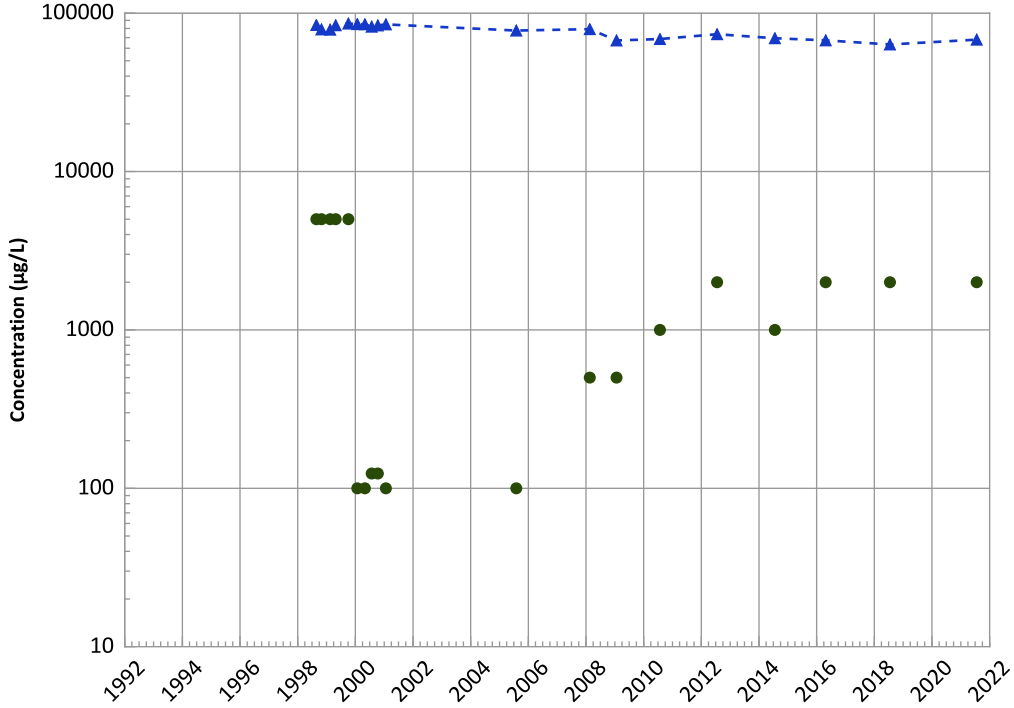


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Calcium Trend



Concentration Trend

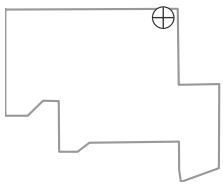
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

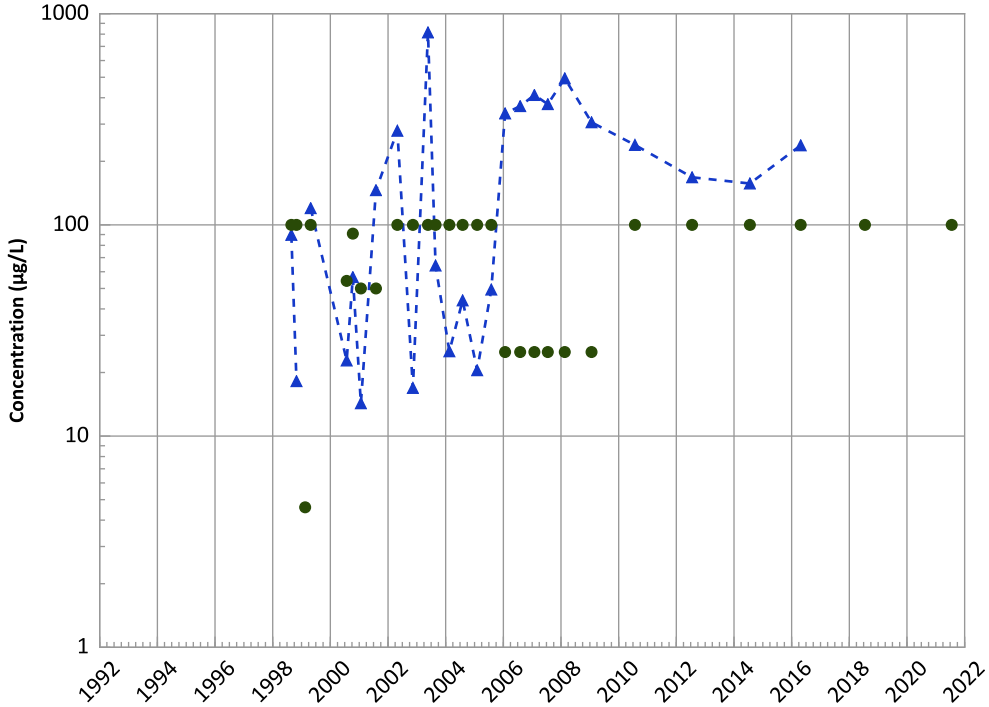
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

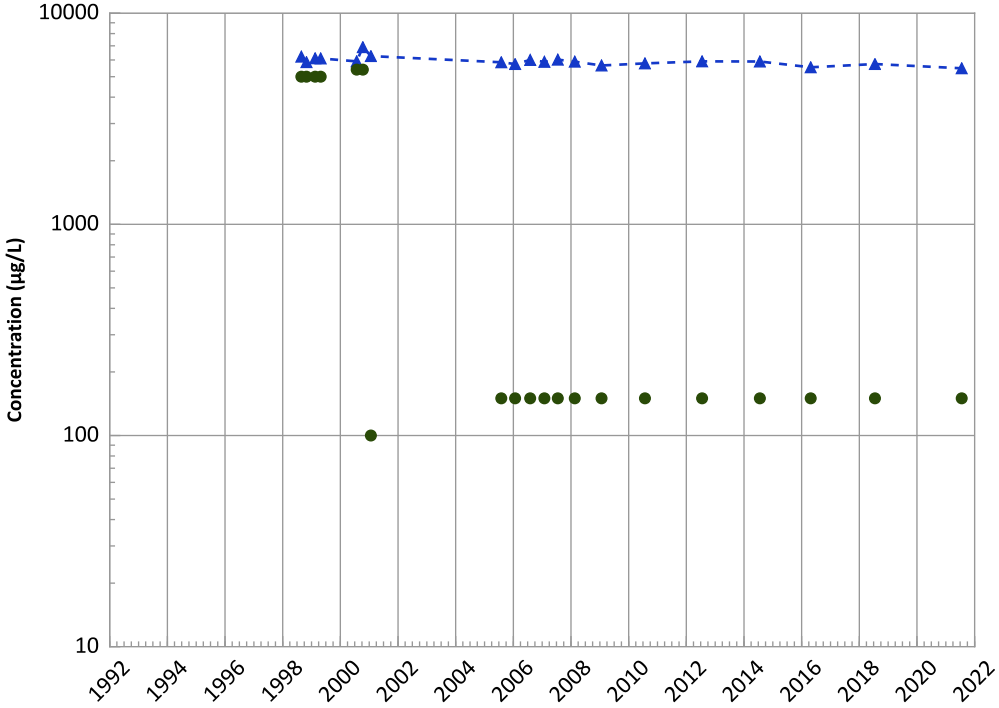


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Potassium Trend

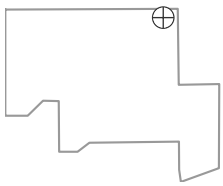


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Well Location

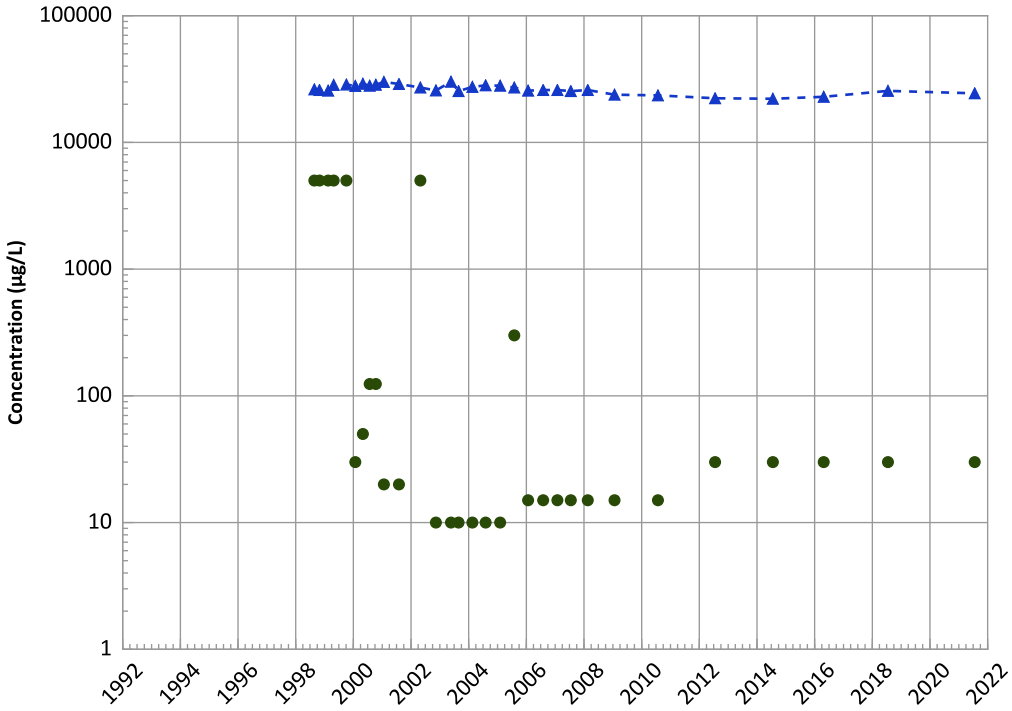


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

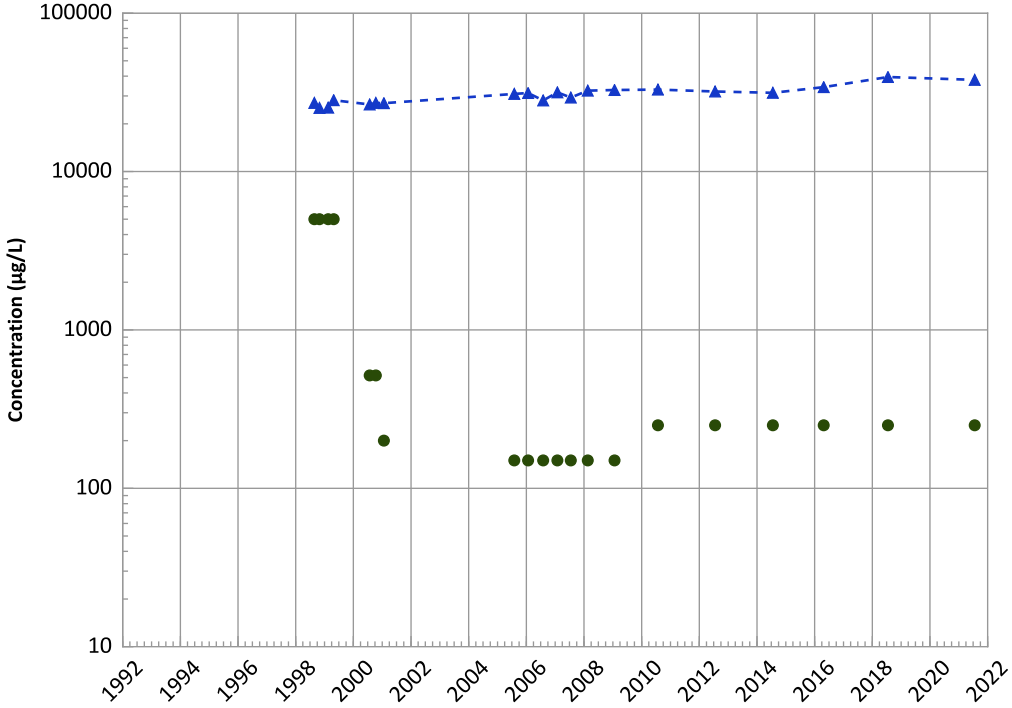


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Sodium Trend



Concentration Trend

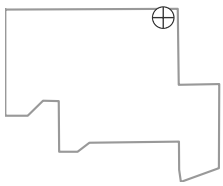
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

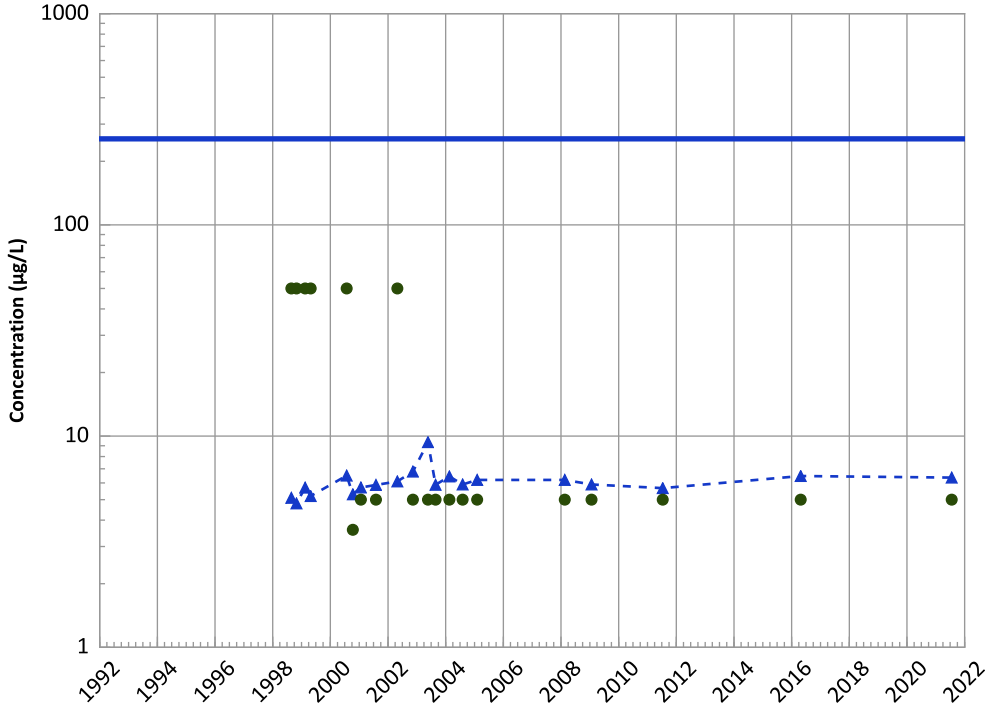
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX04-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

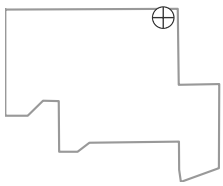
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

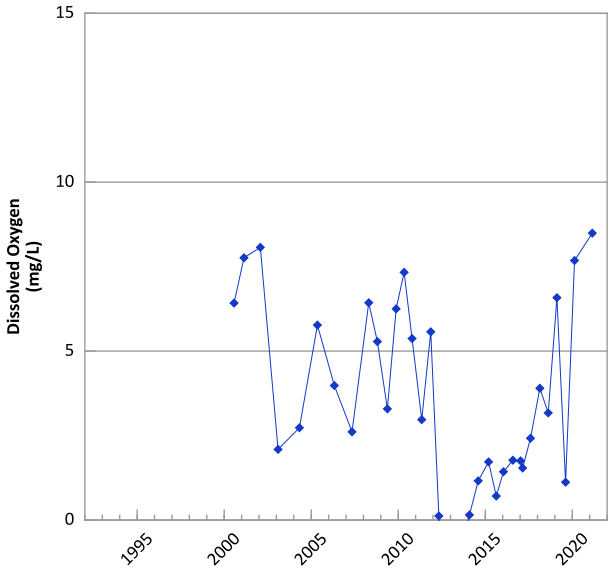
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 07/21/2021
Analysis Date: 04/05/2022

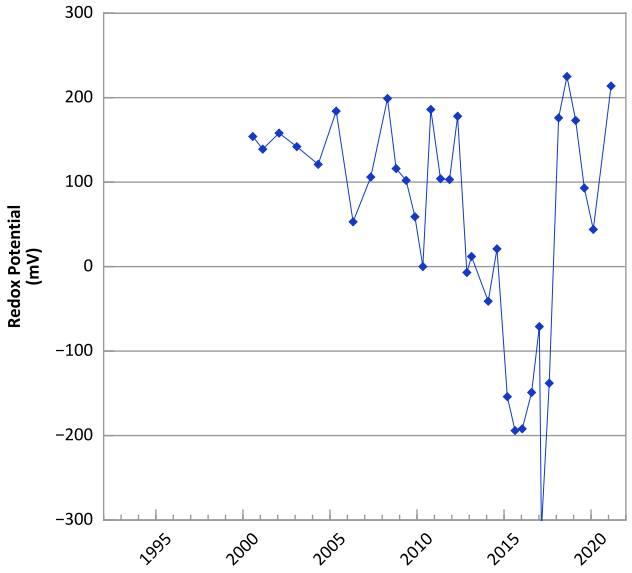
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

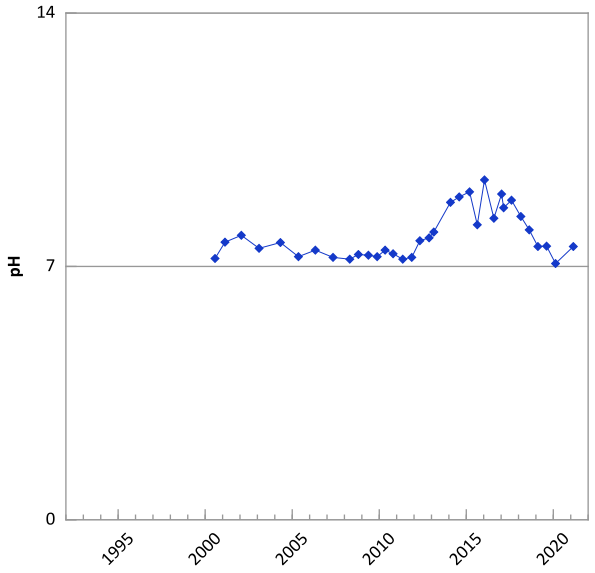
Well Location

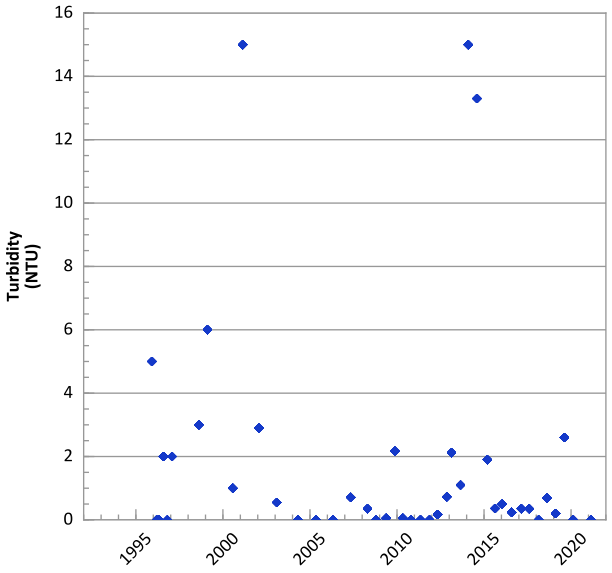


PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



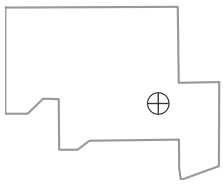






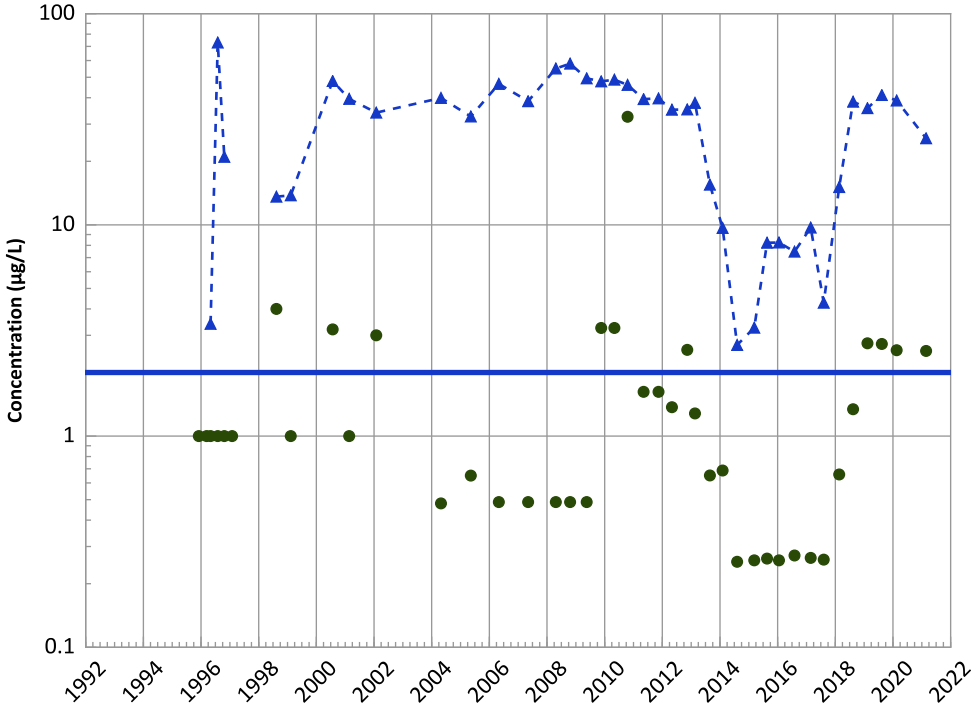
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

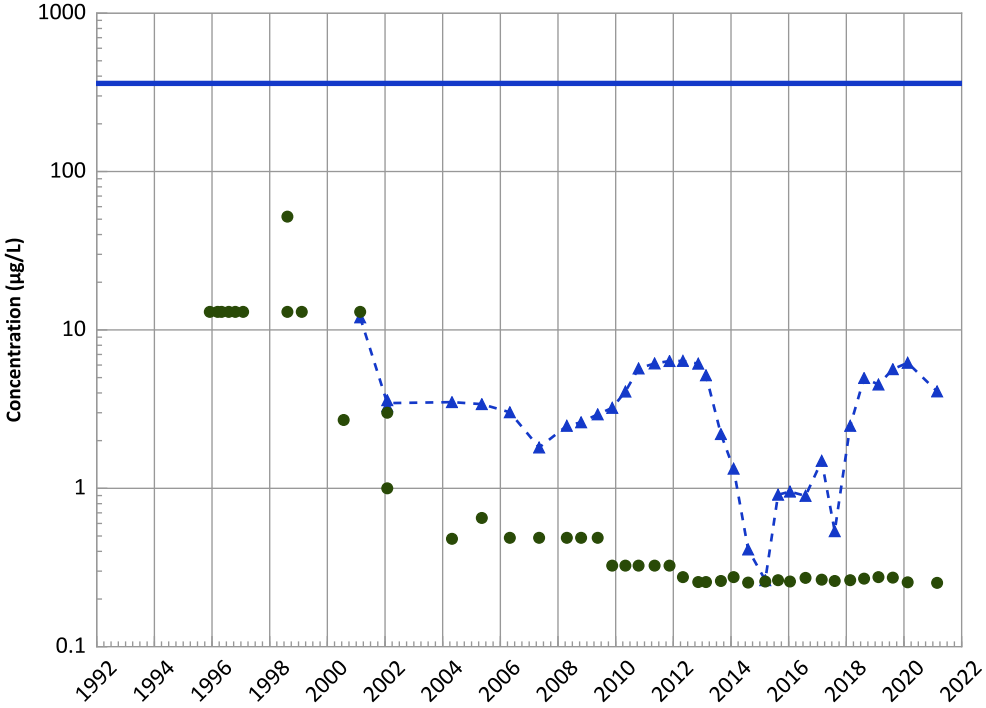


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

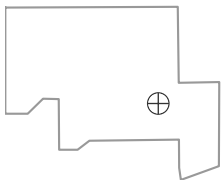
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

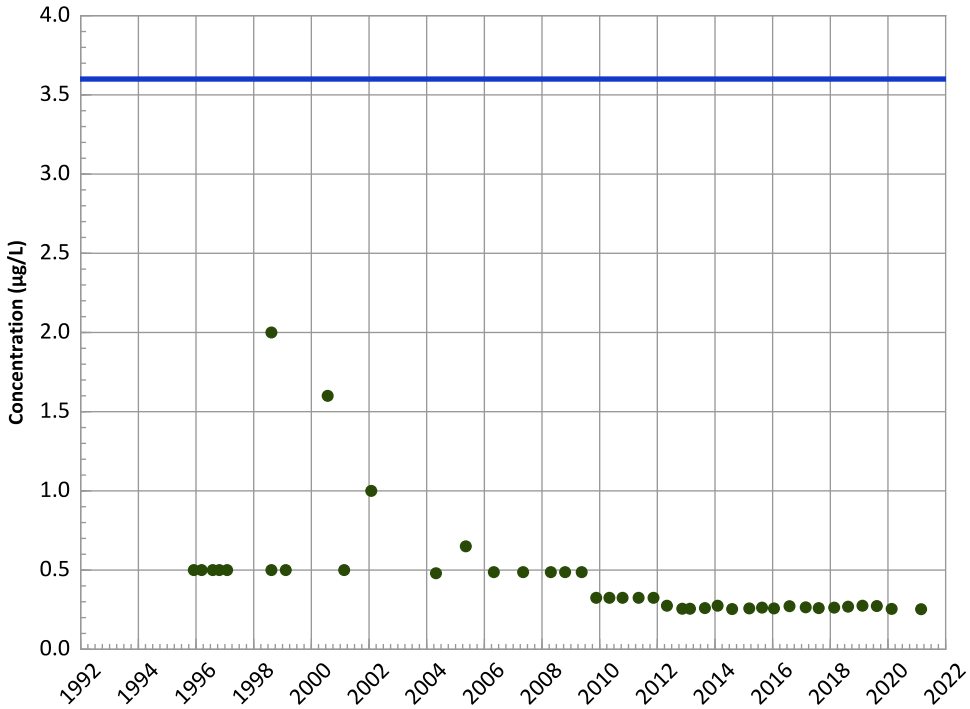
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

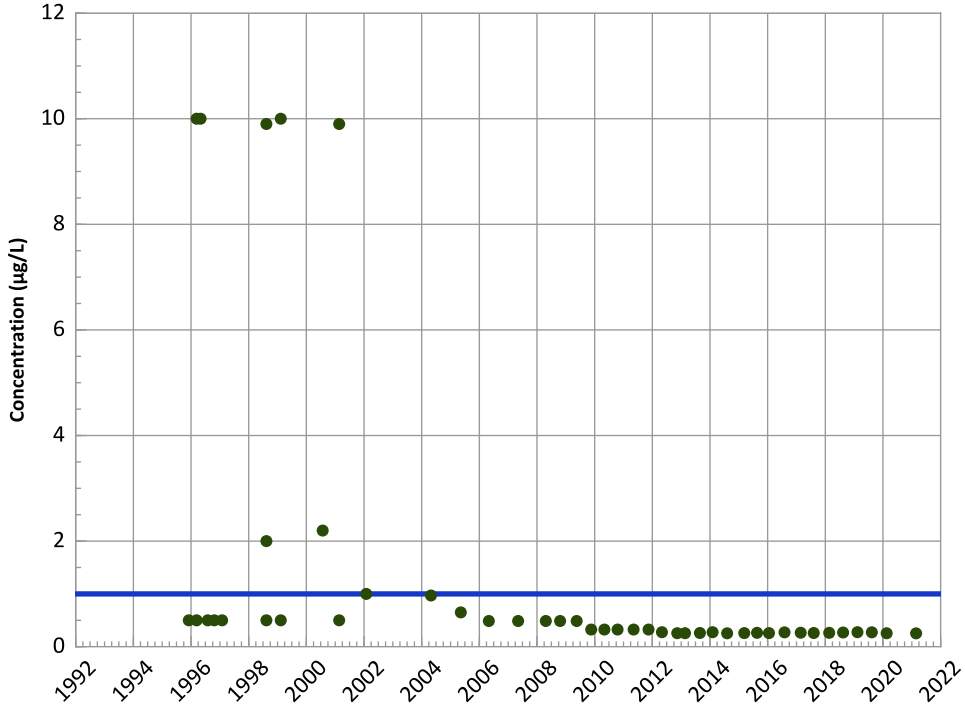


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

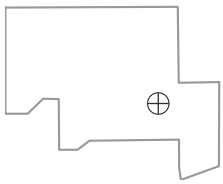
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

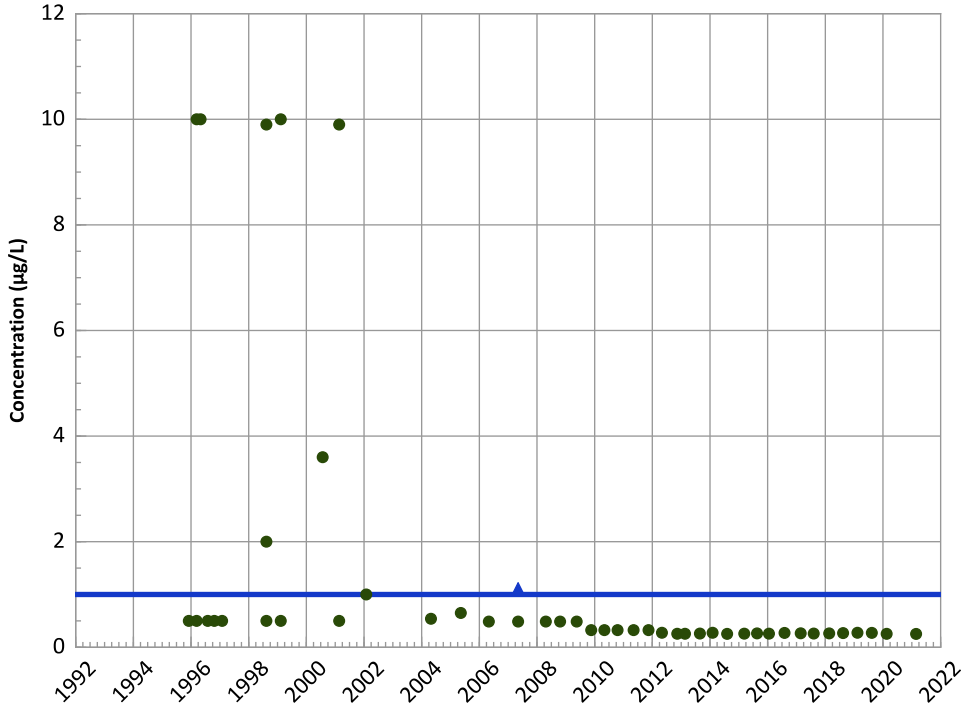
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

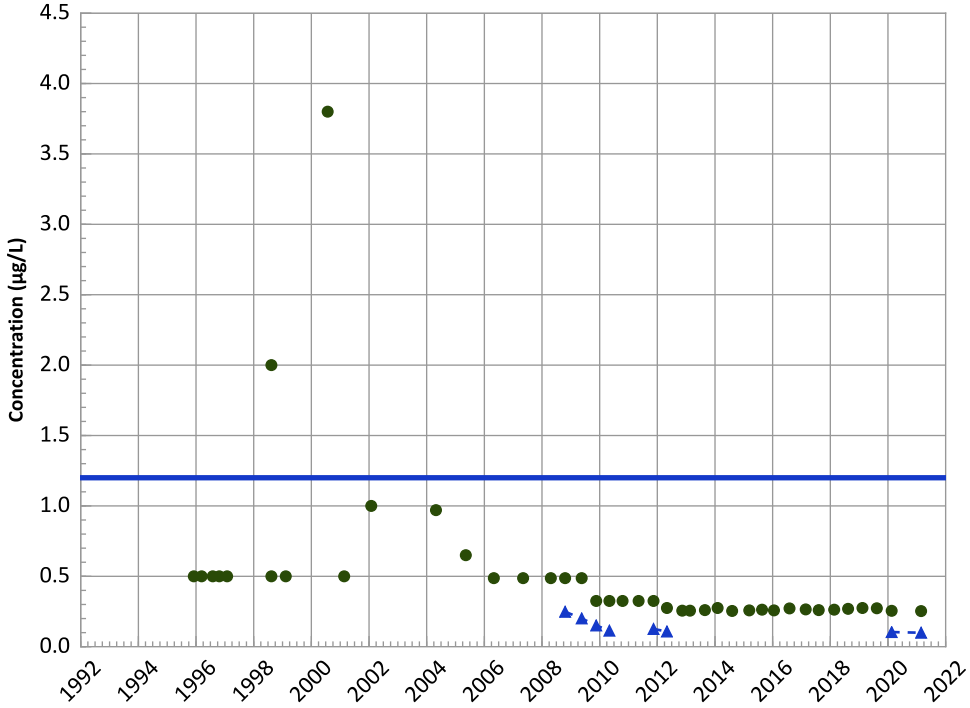


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

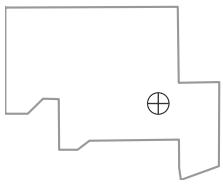
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

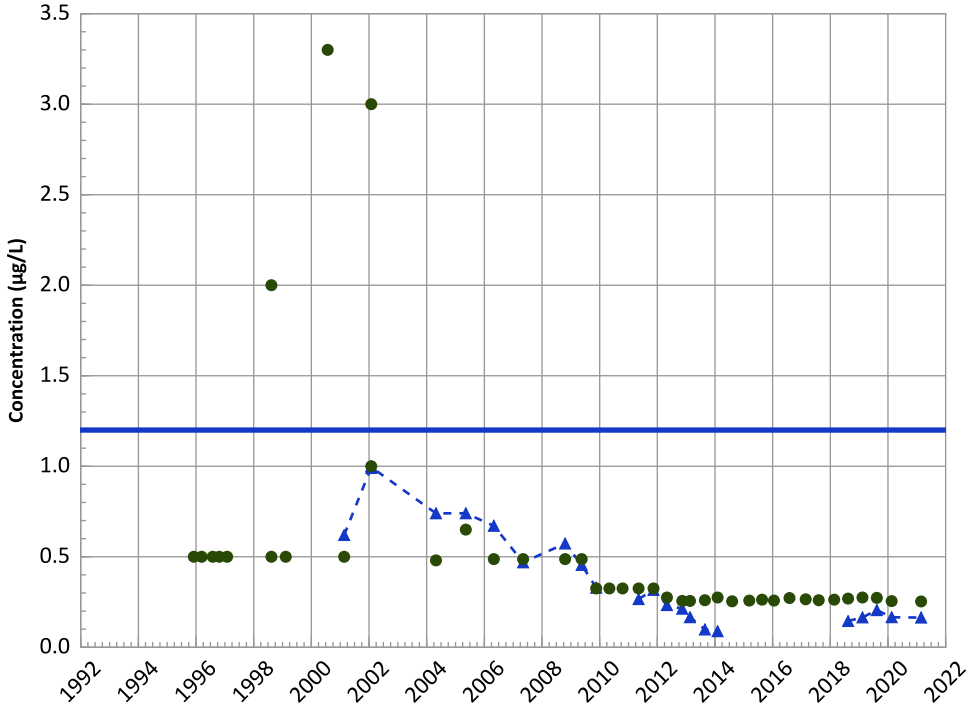
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

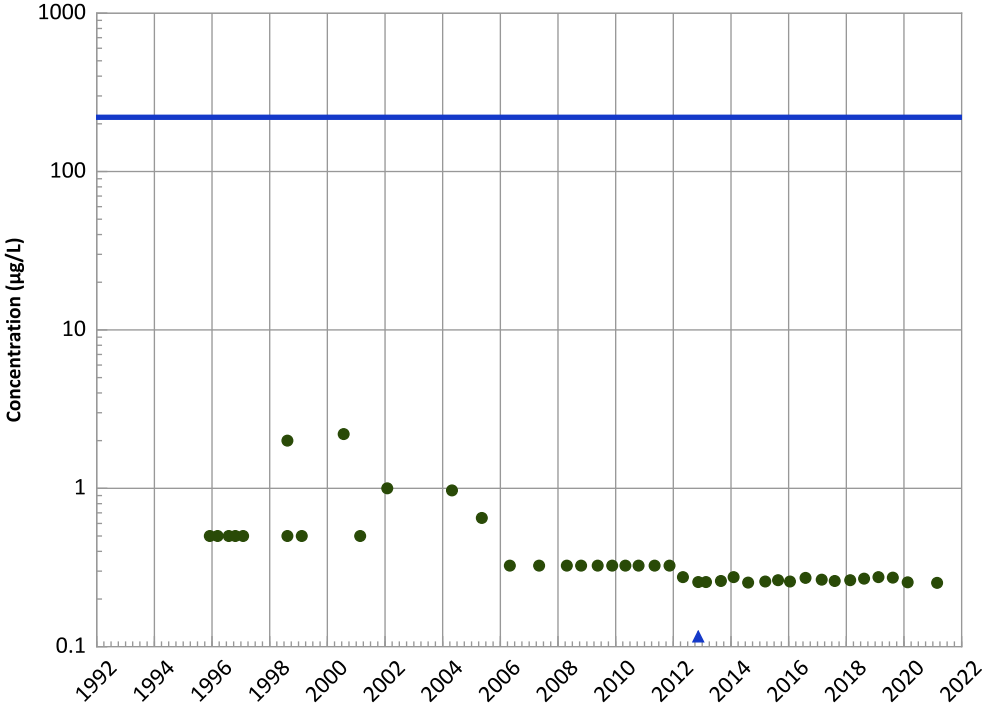


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

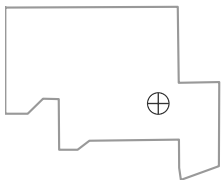
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

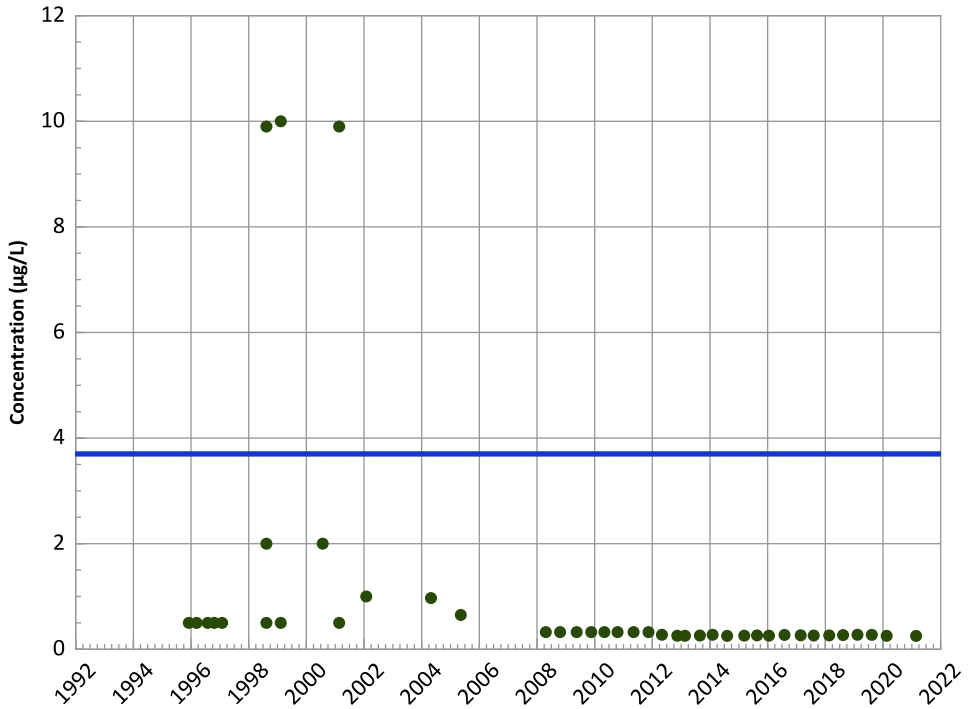
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

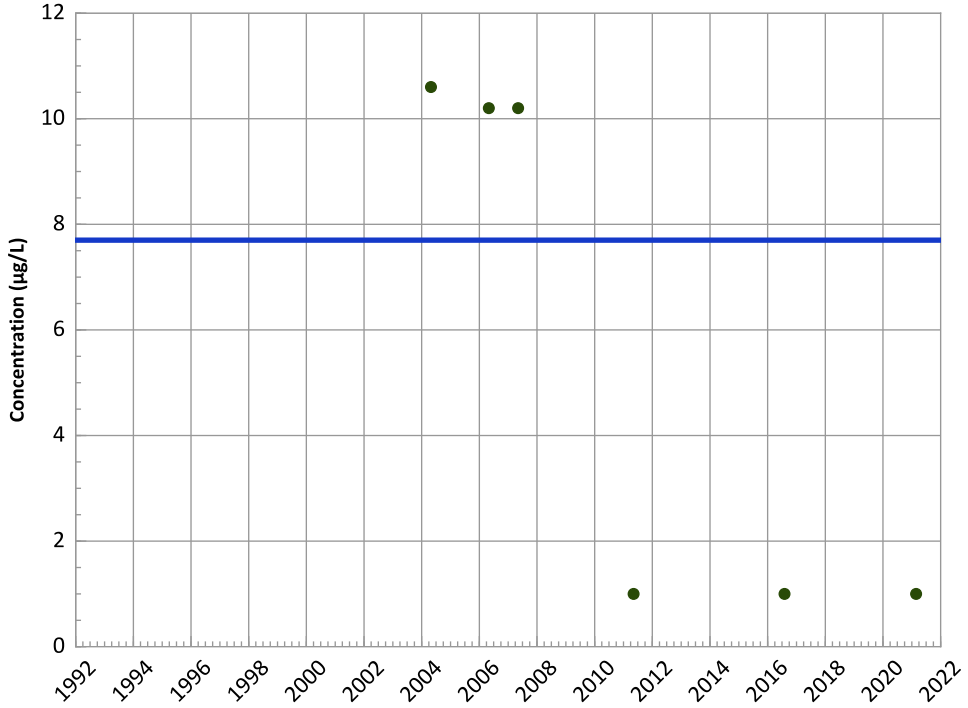


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

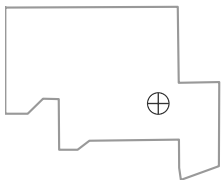
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

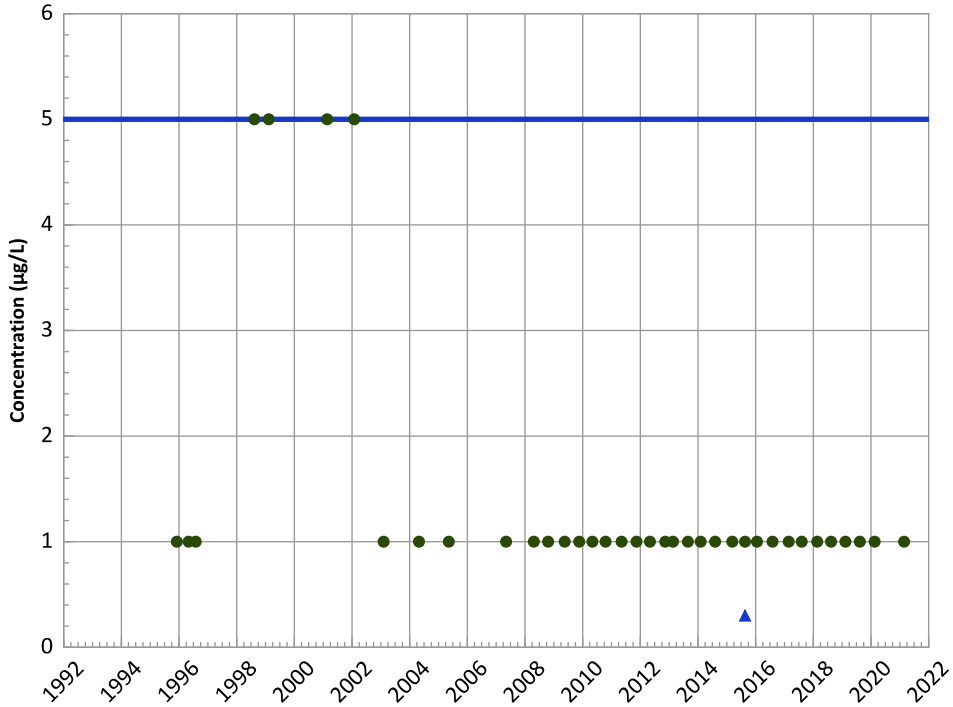
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

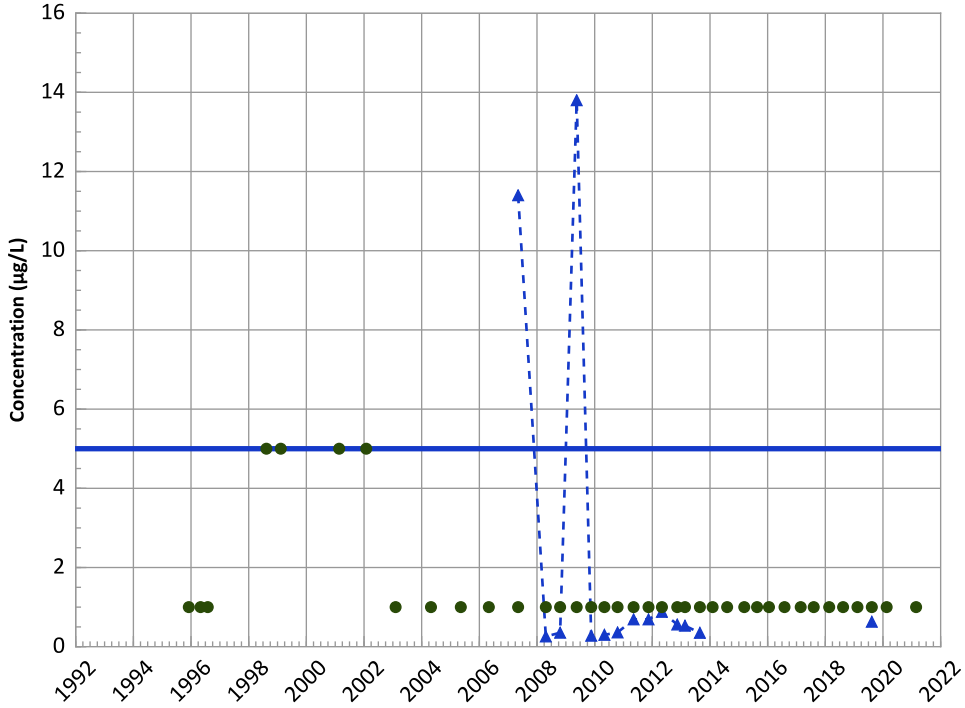


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

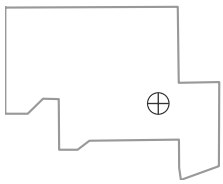
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

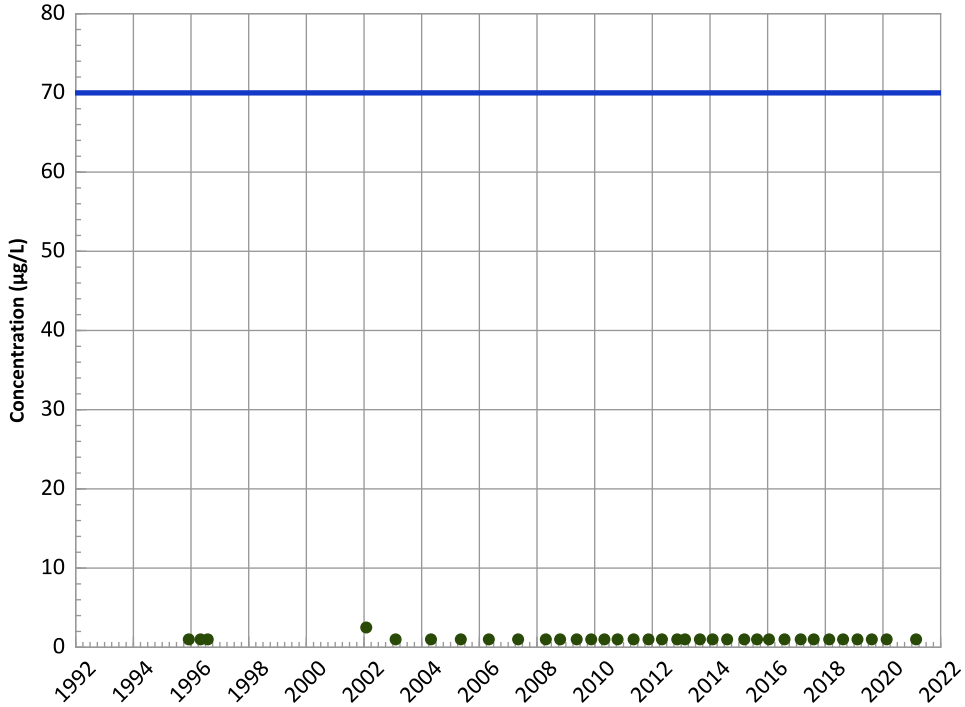
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

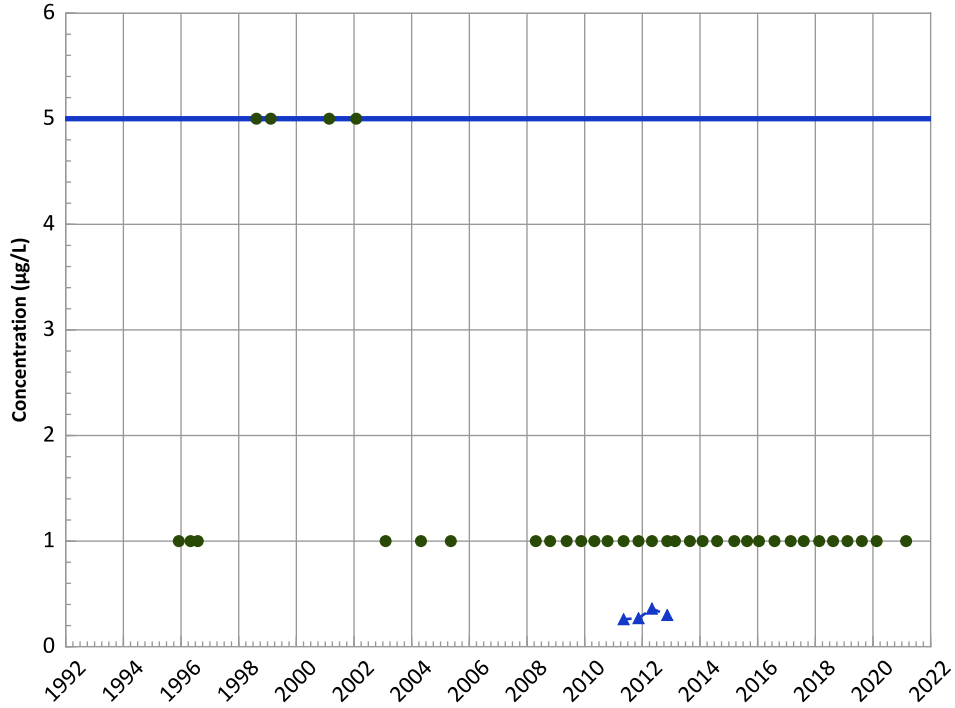


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

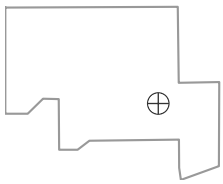
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

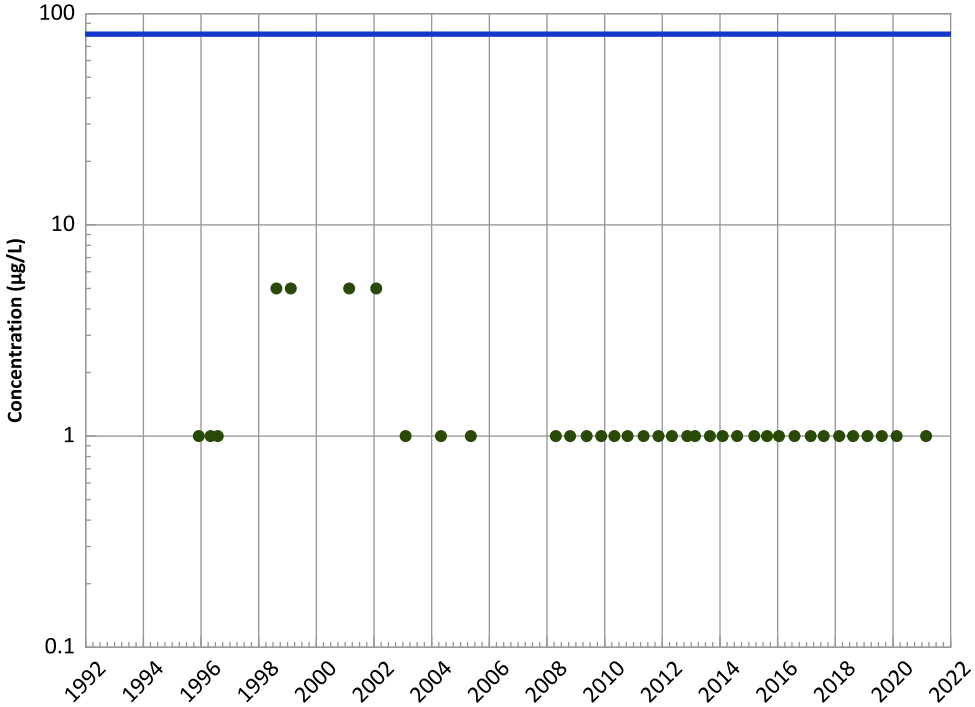
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

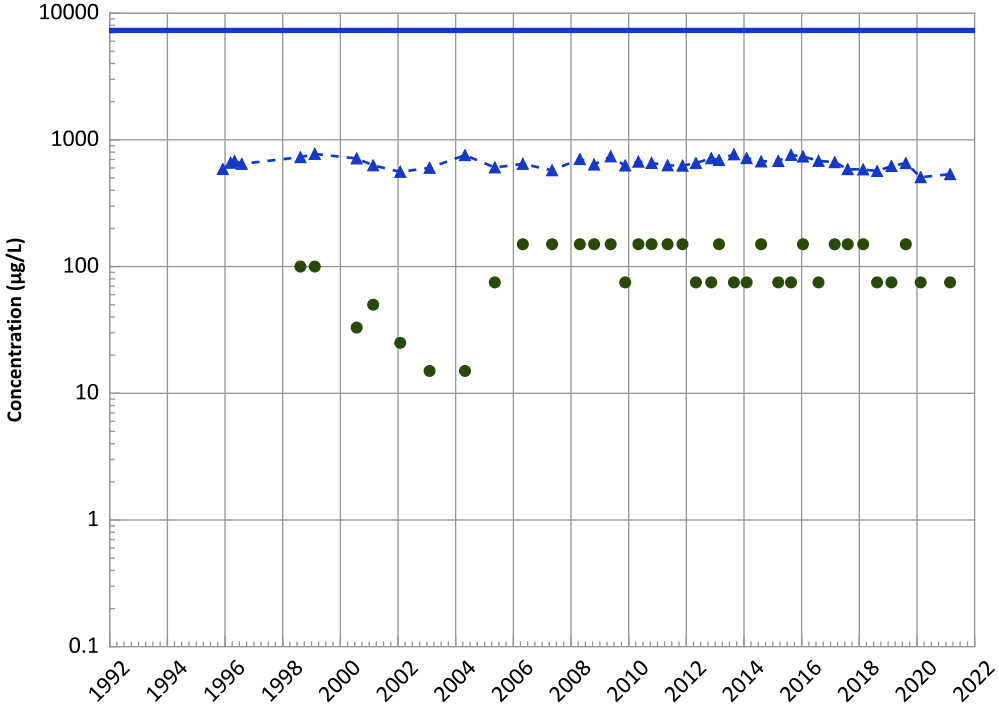


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

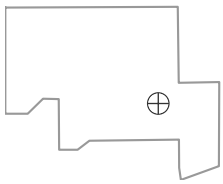
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

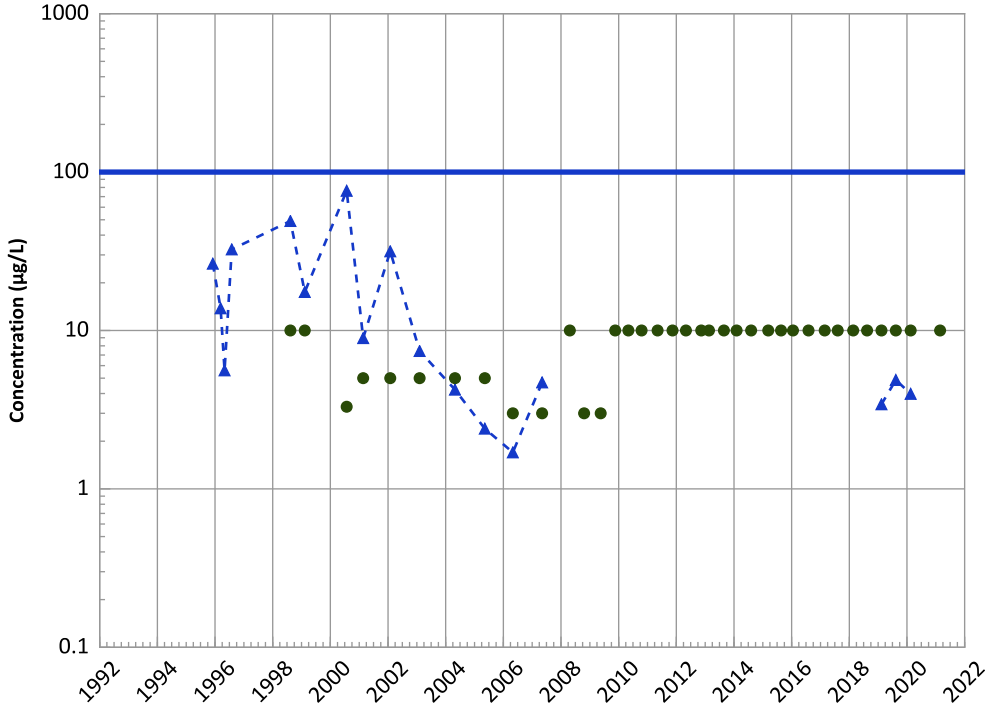
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

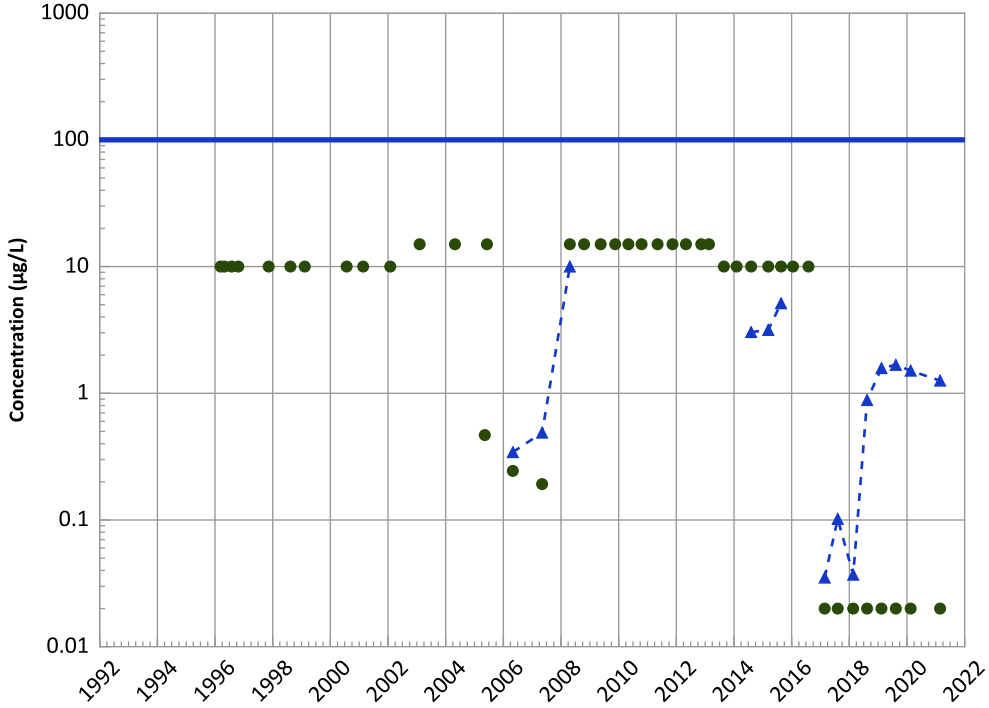


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

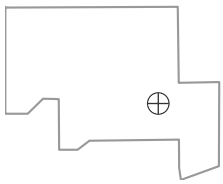
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

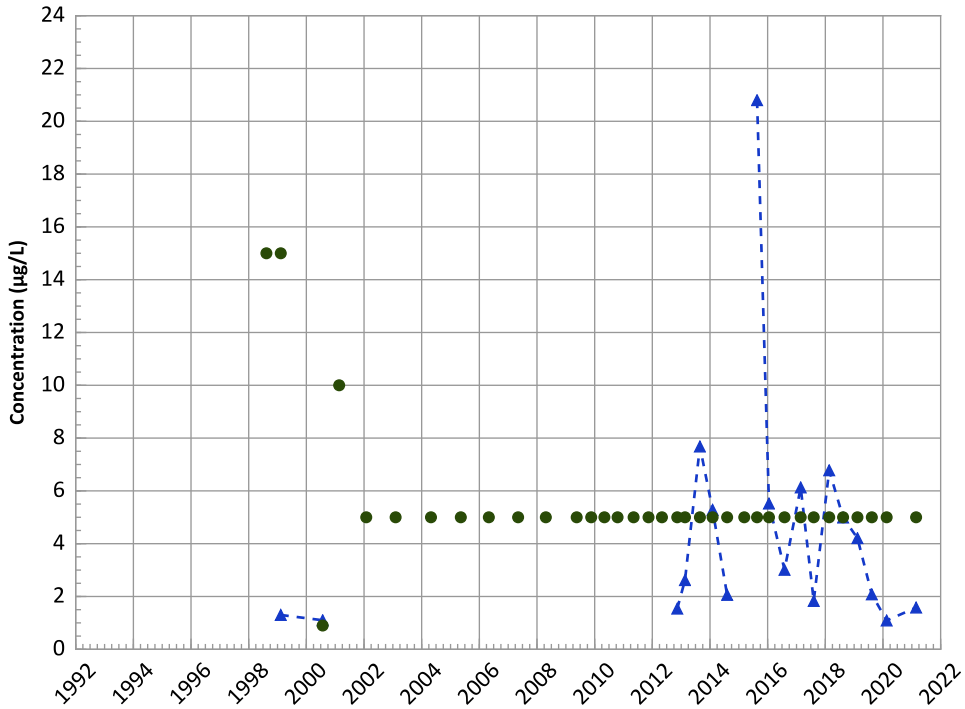
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

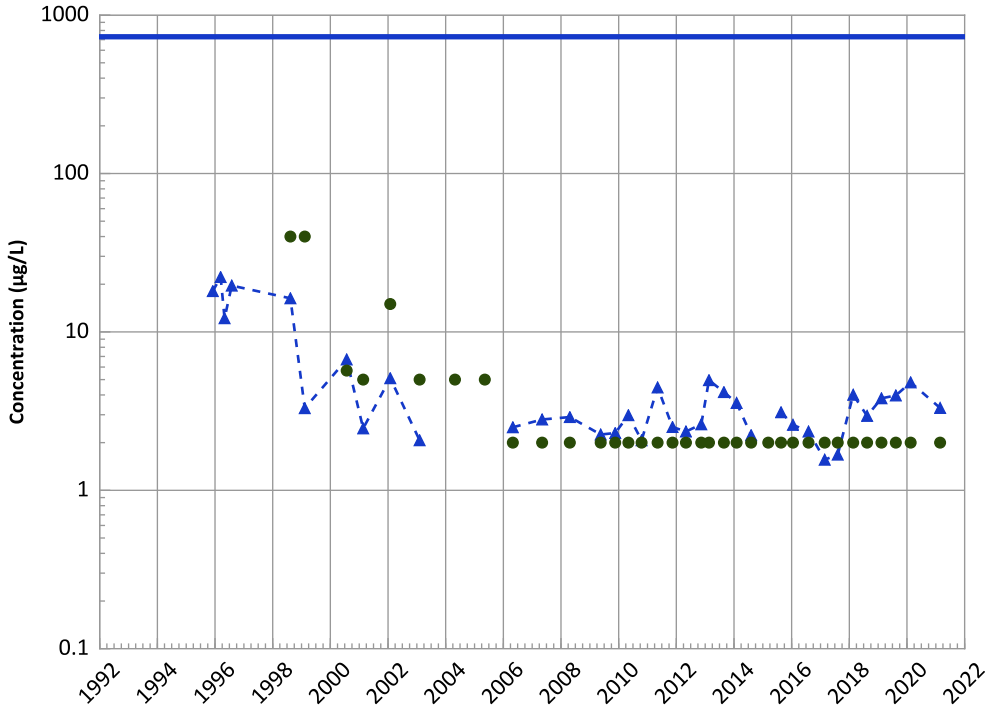


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Nickel Trend



Concentration Trend

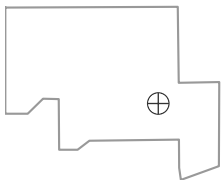
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

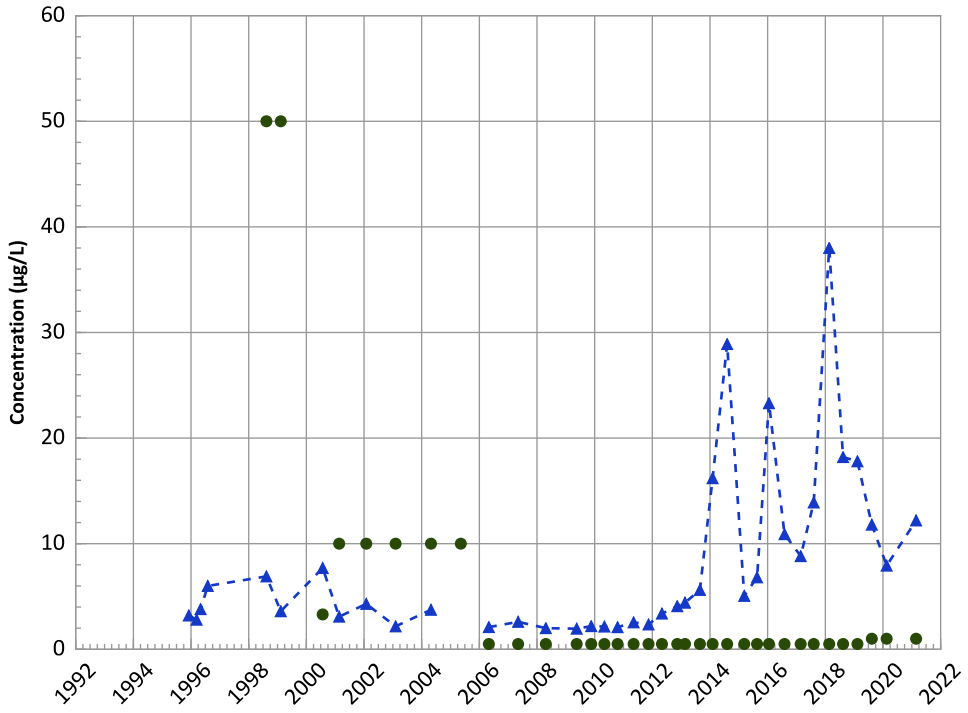
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

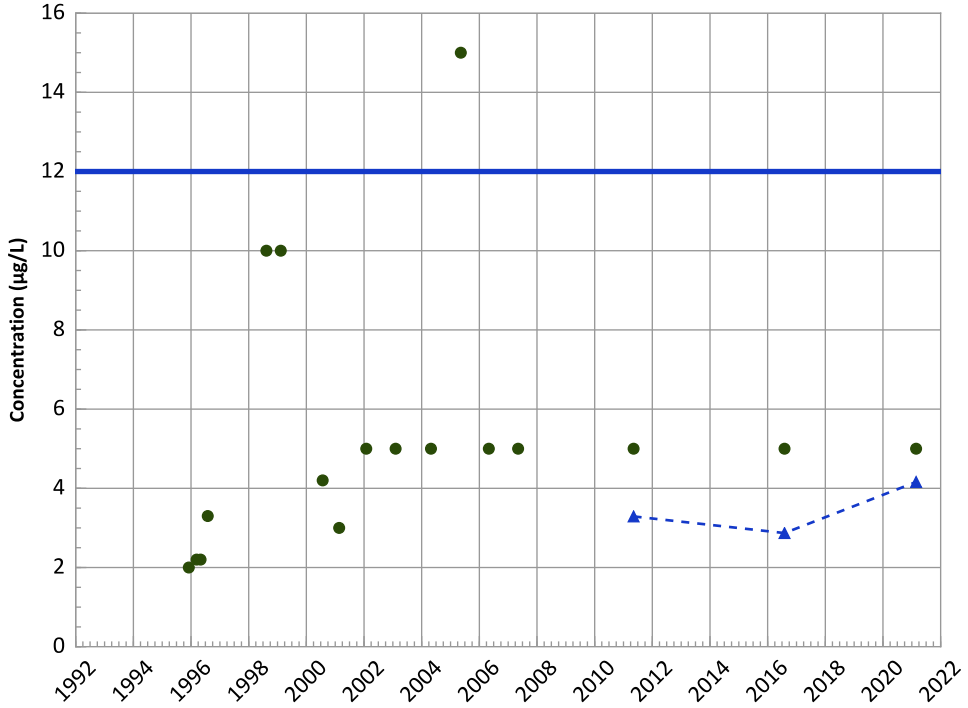


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Arsenic Trend



Concentration Trend

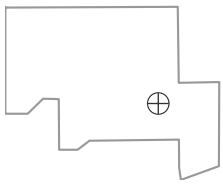
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

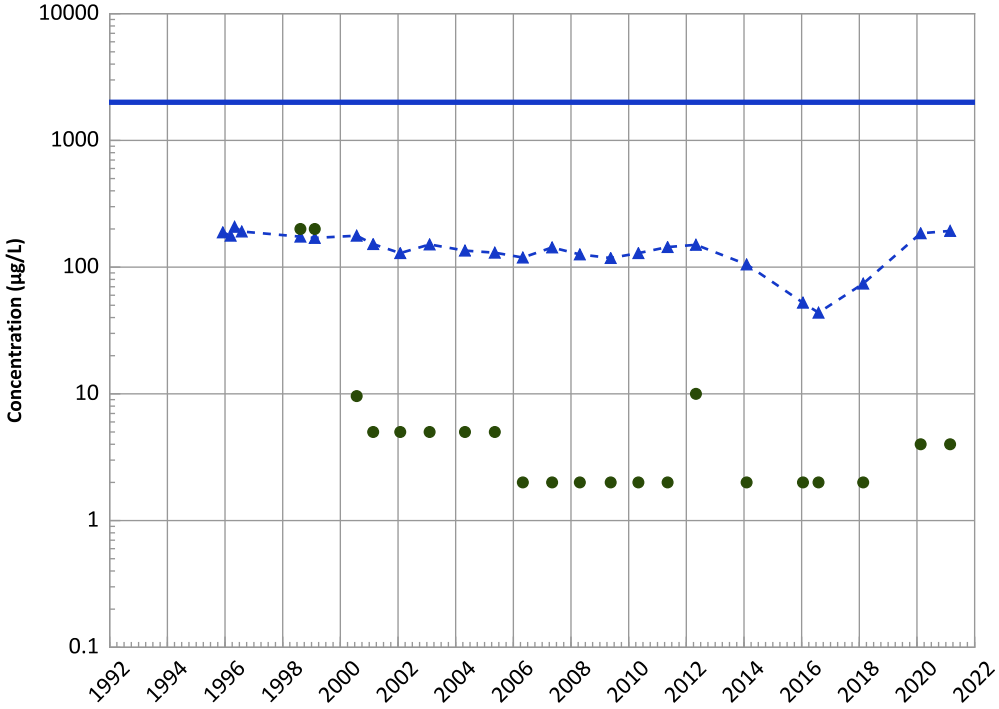
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

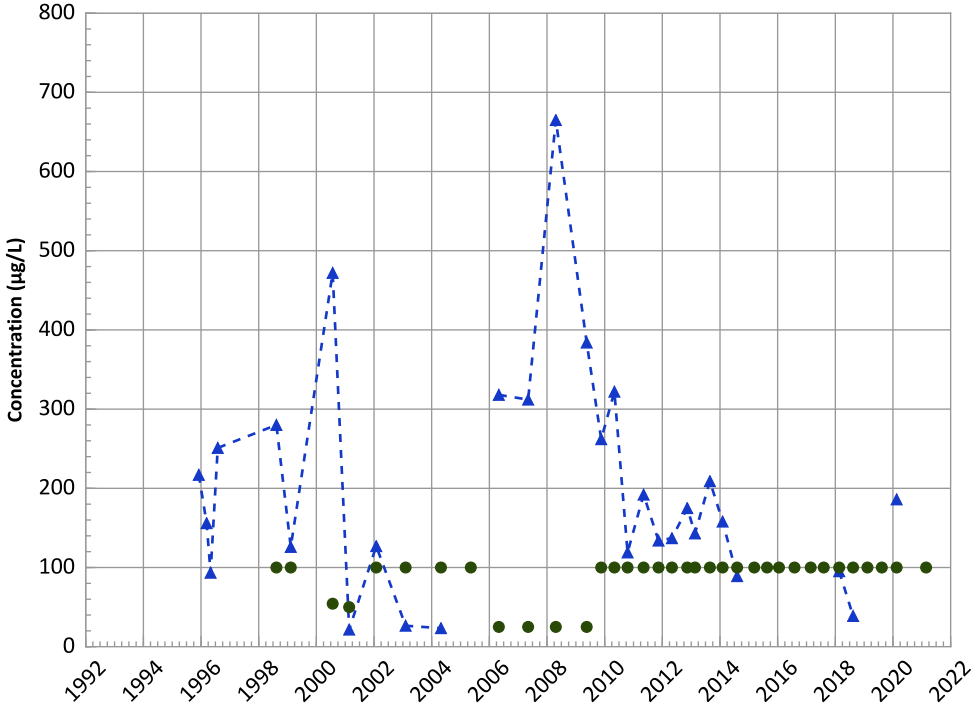


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Iron Trend



Concentration Trend

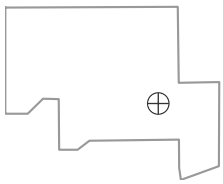
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

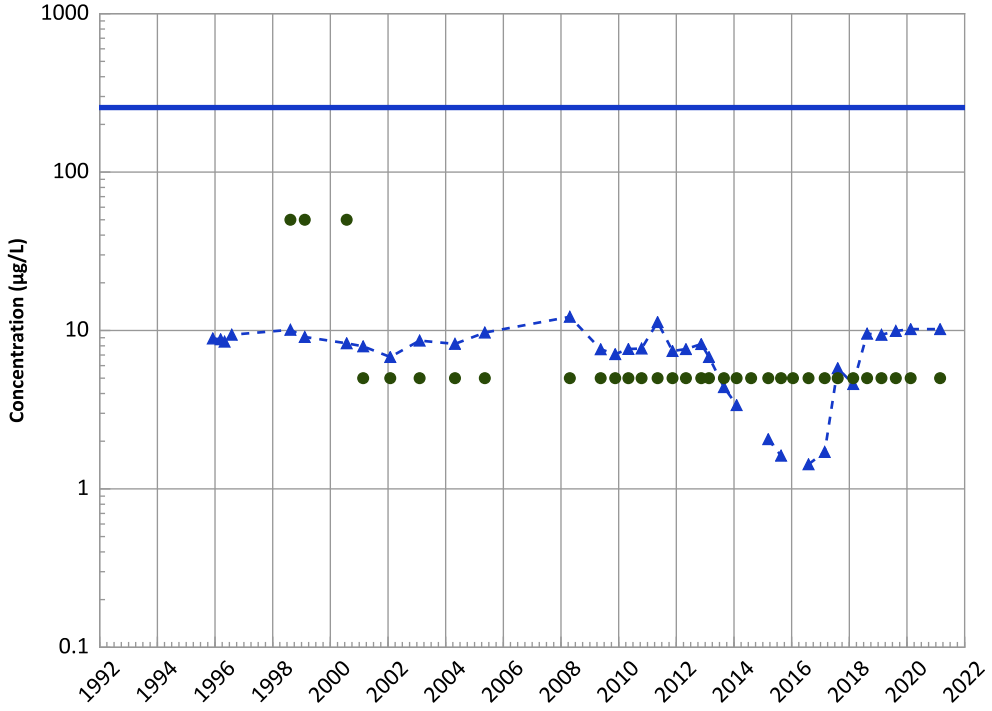
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1002A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

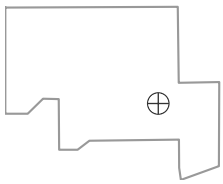
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

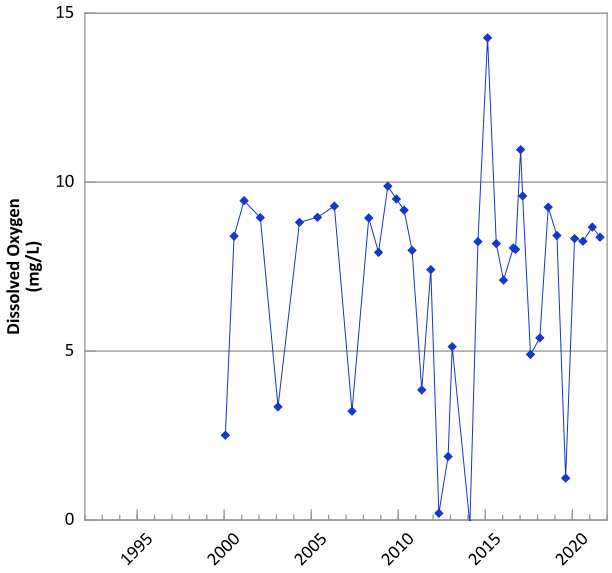
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/04/1995 to 02/24/2021
Analysis Date: 04/05/2022

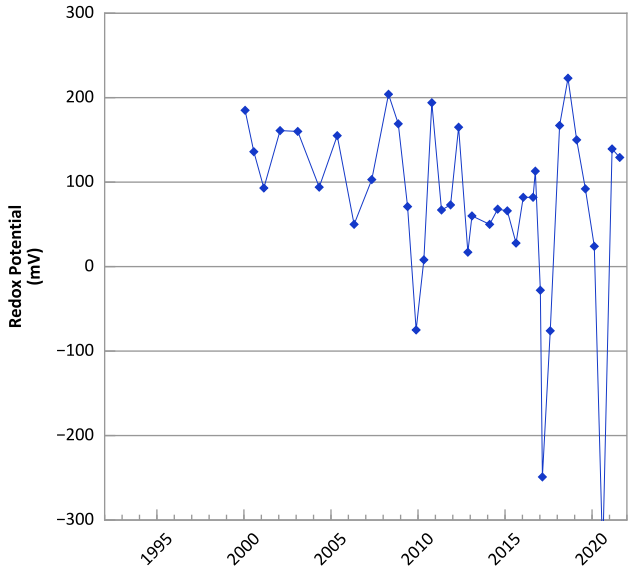
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

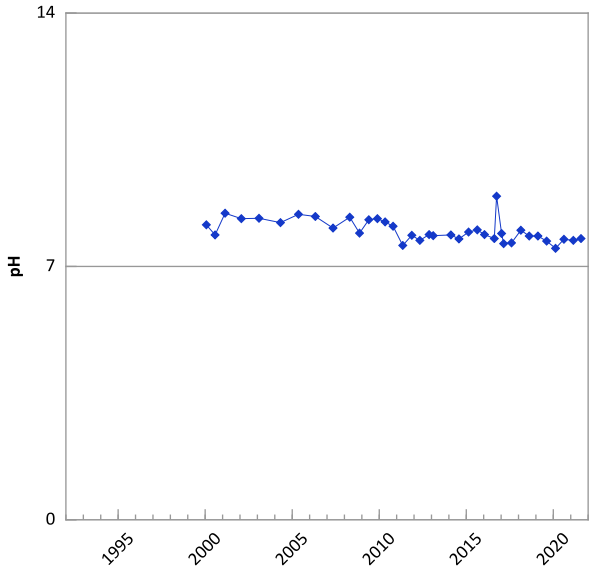
Well Location

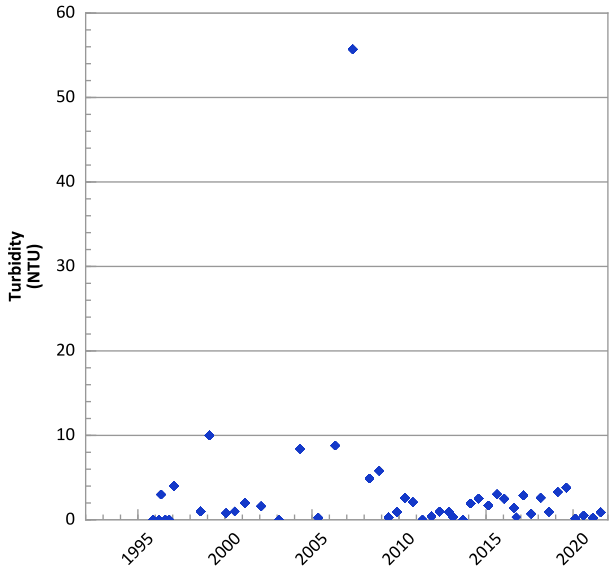


PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



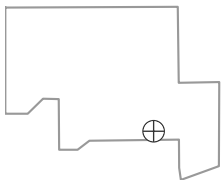






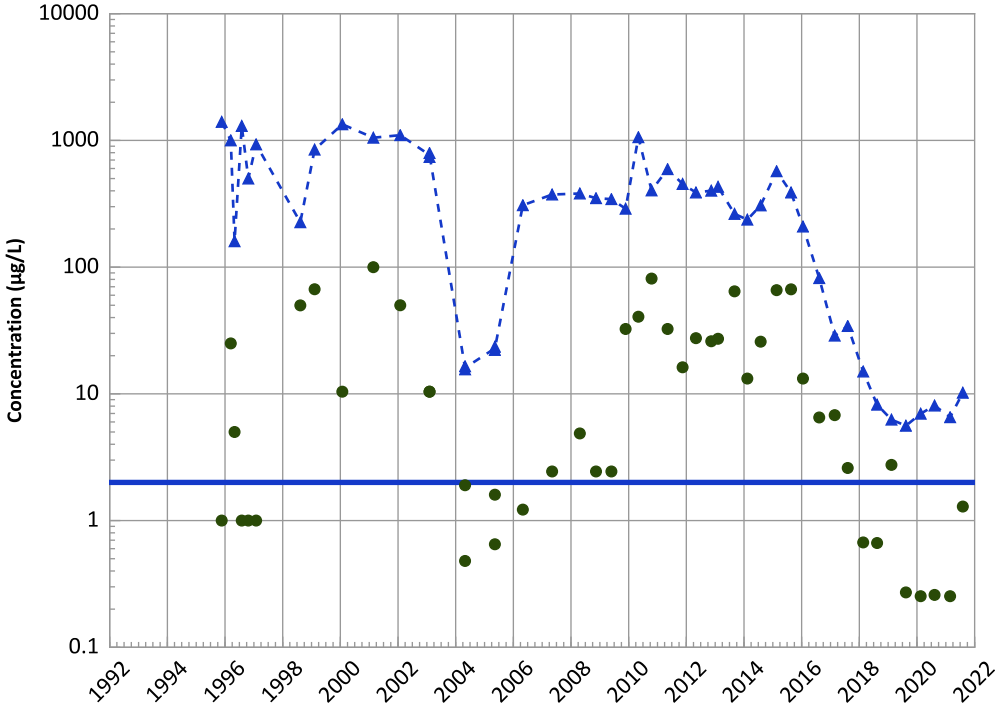
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

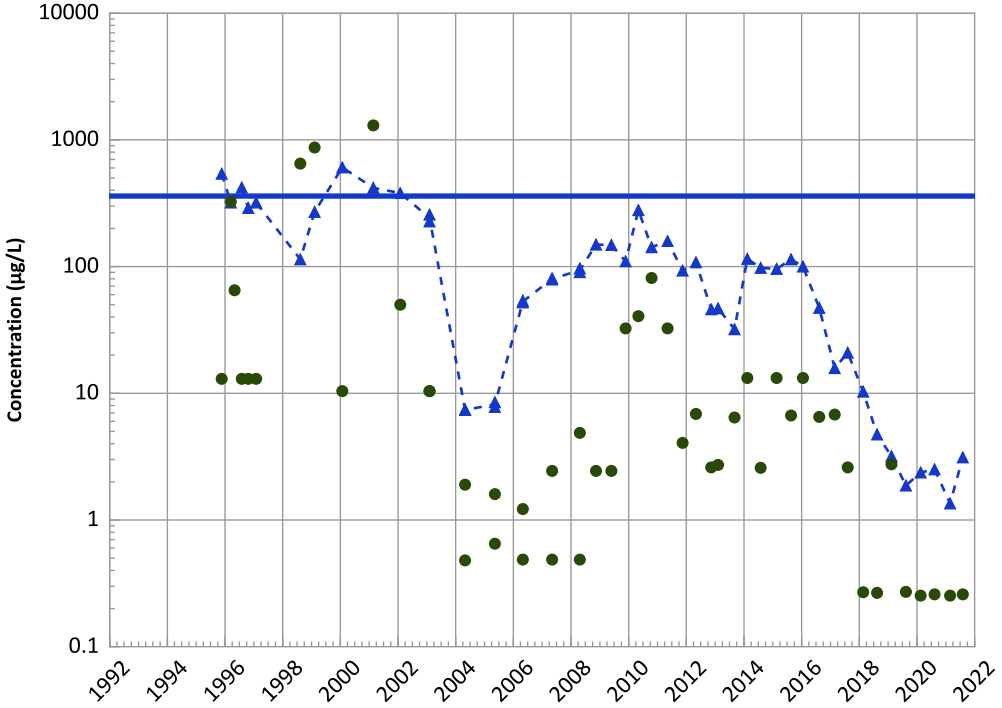


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

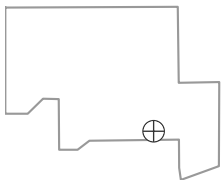
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

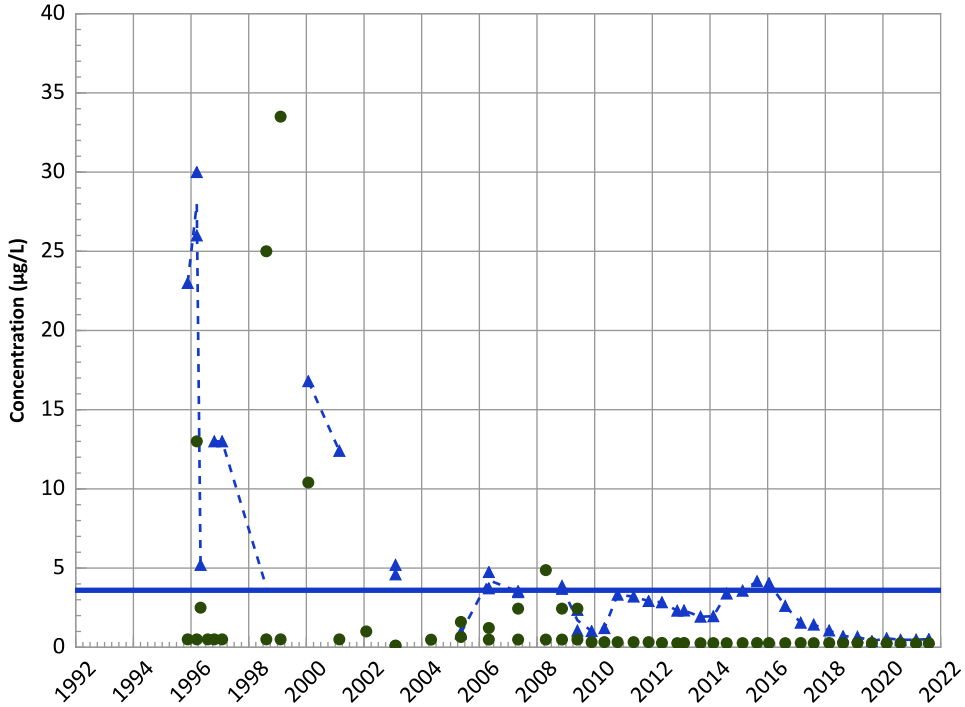
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

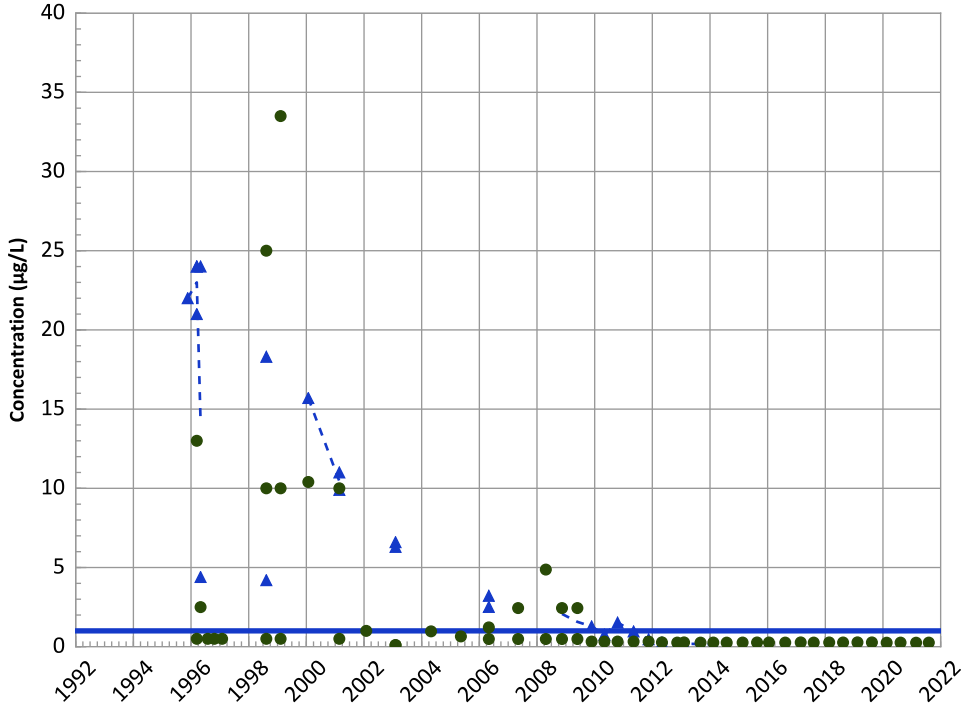


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

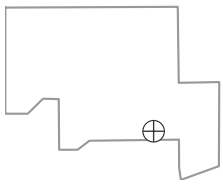
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

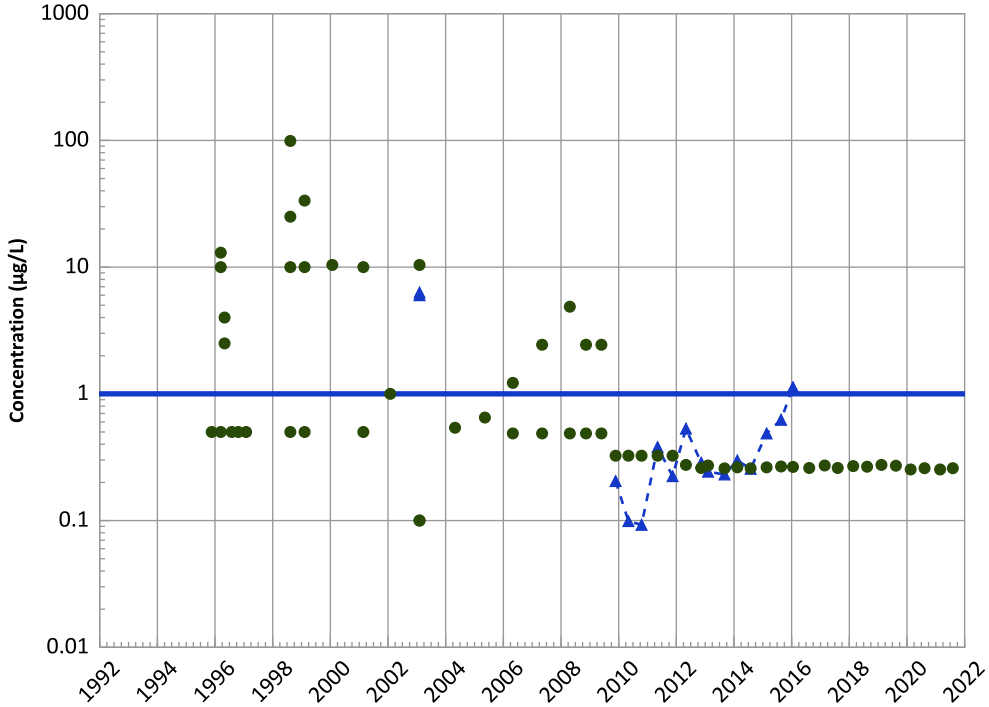
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

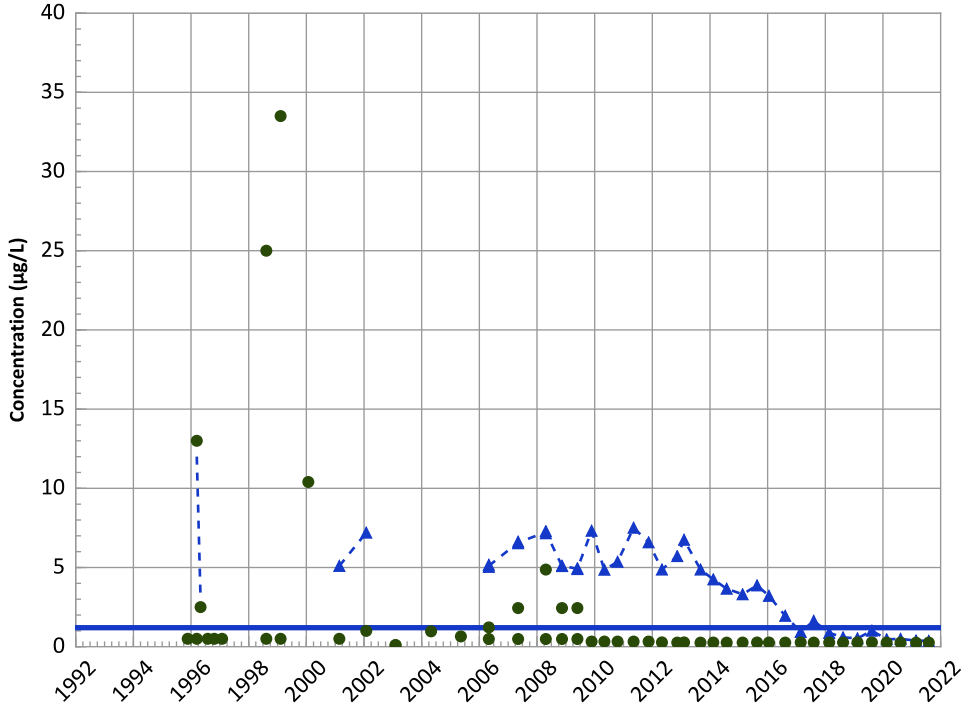


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

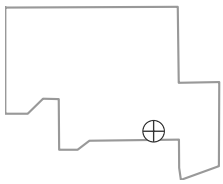
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

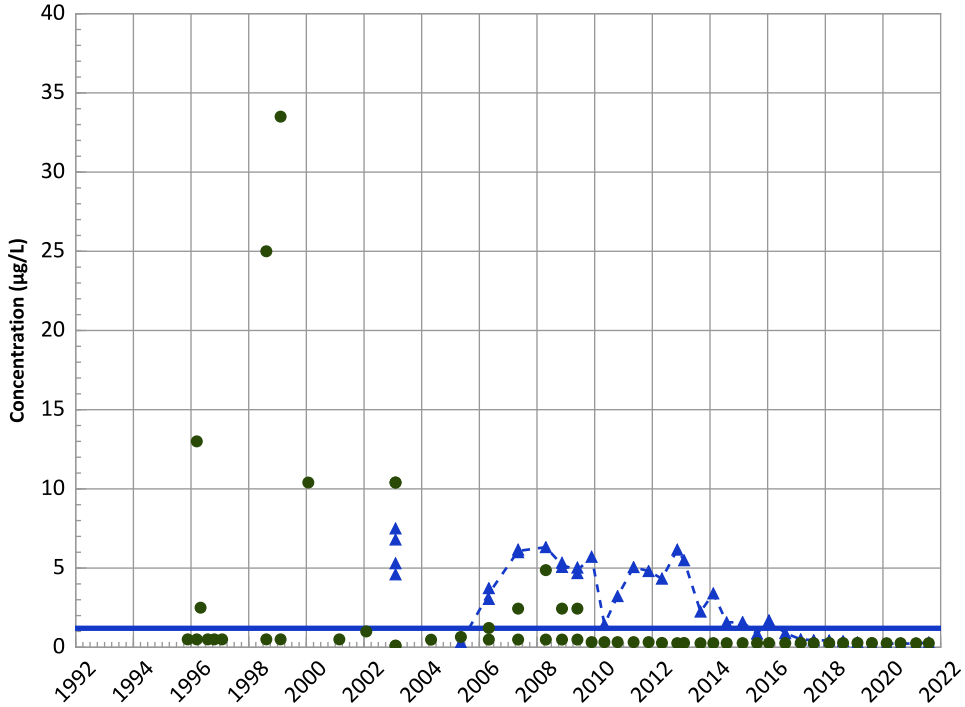
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

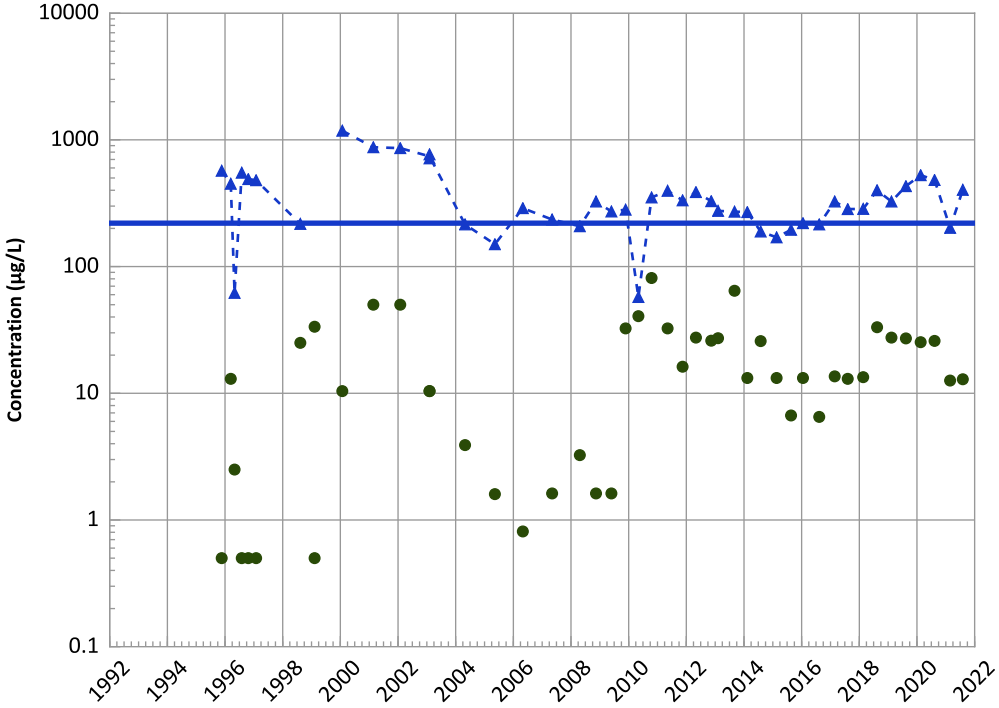


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

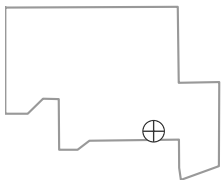
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

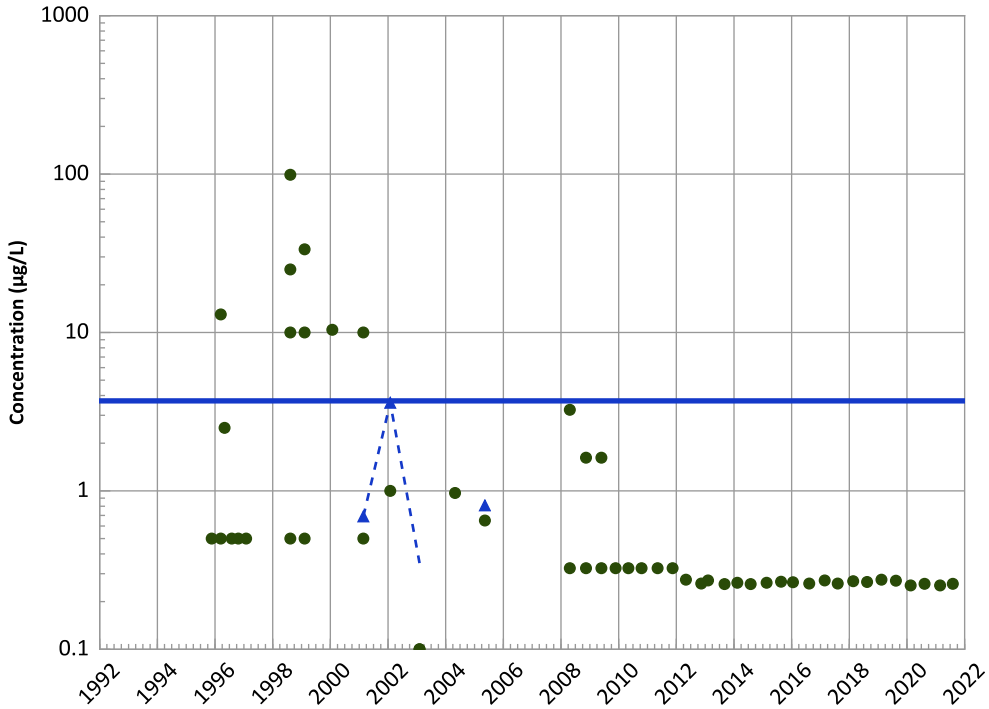
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

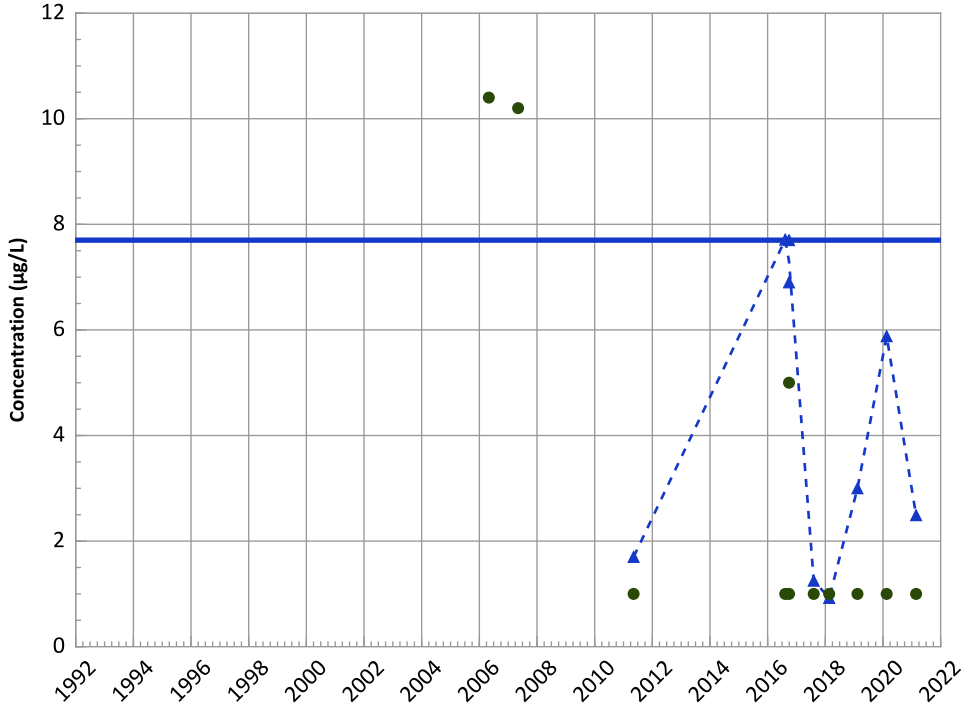


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

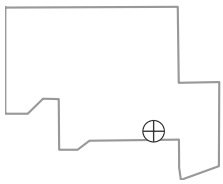
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

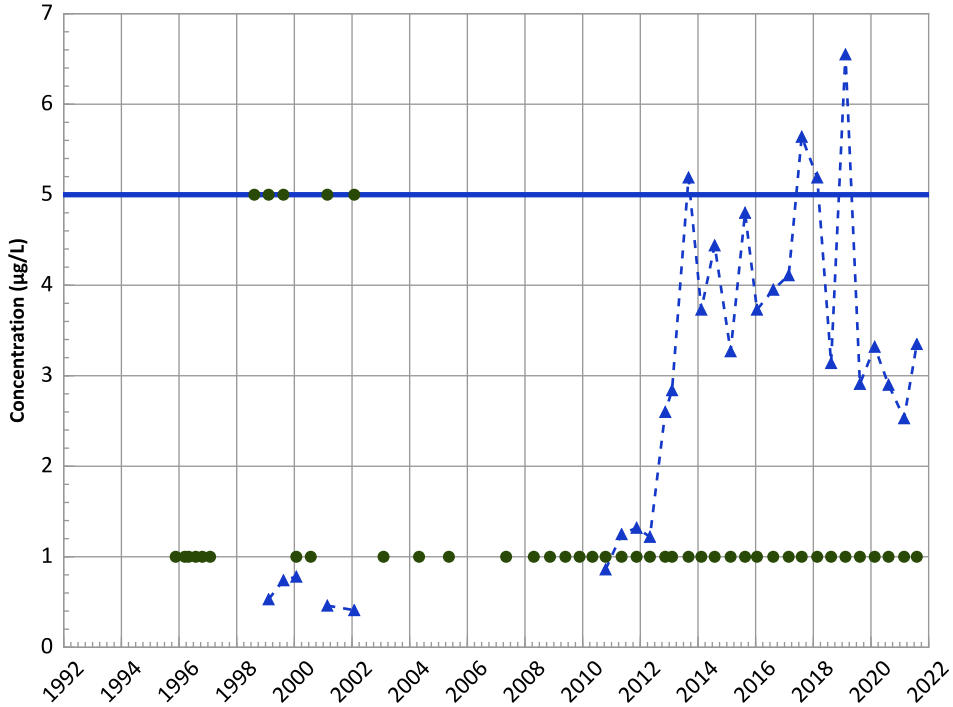
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

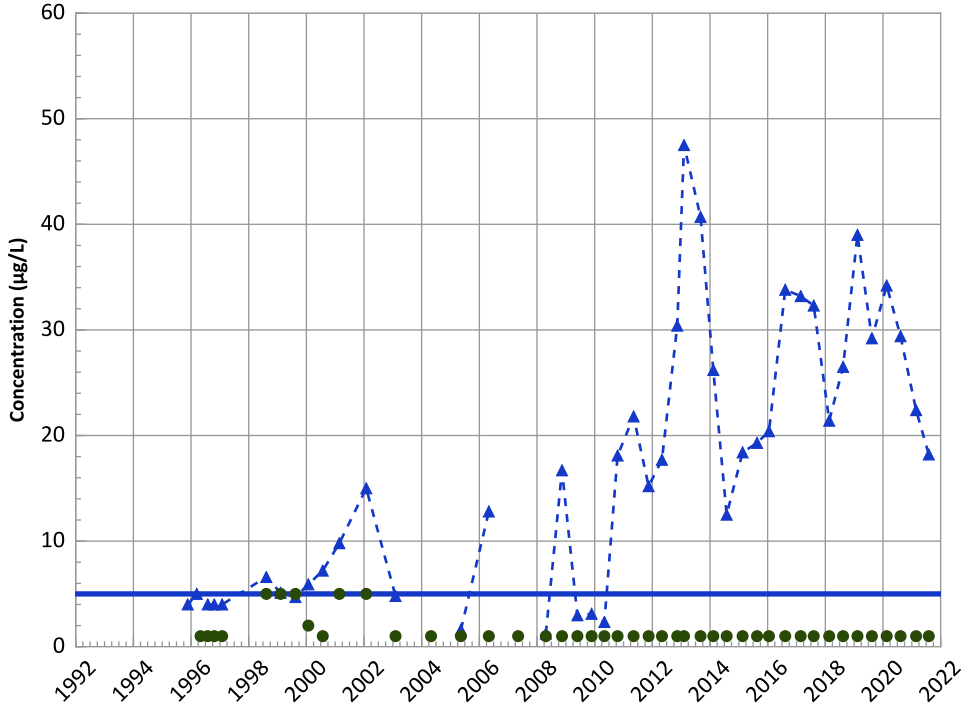


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

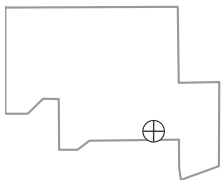
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

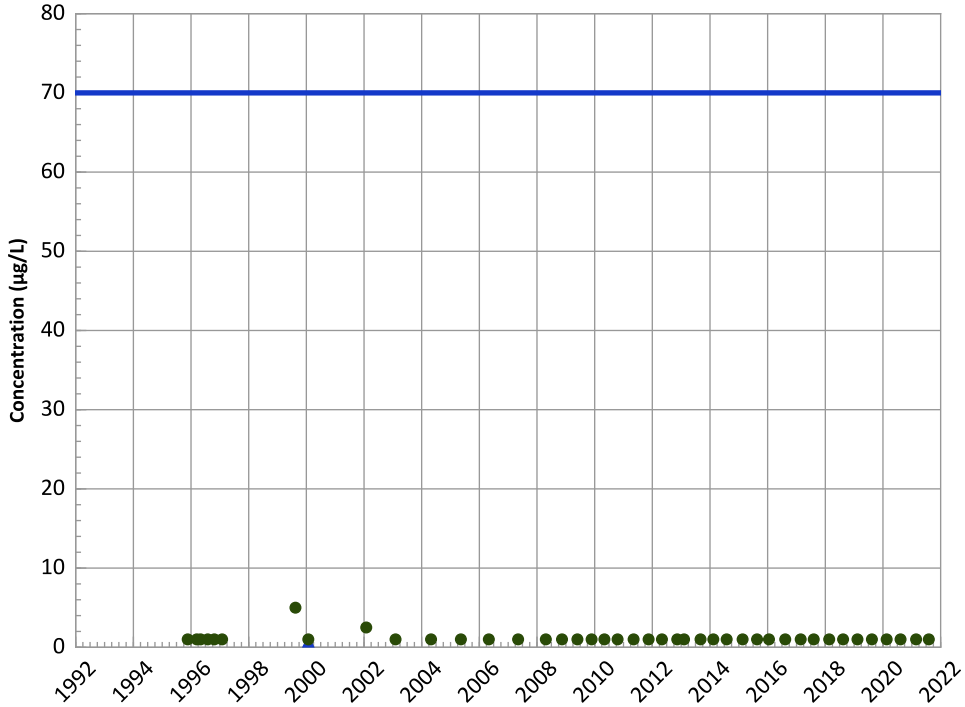
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

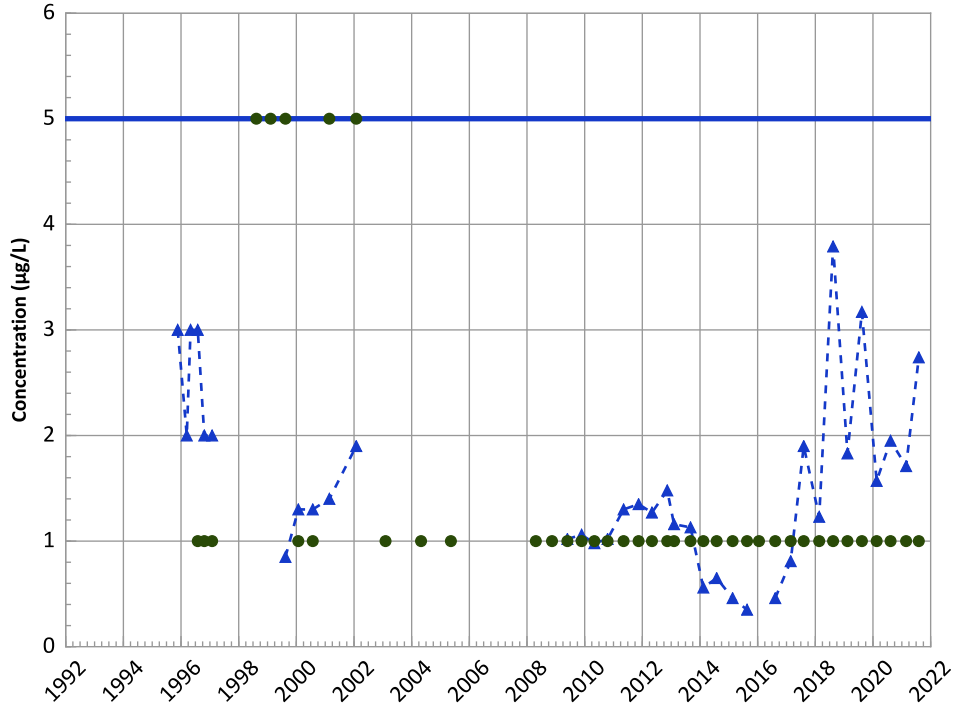


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

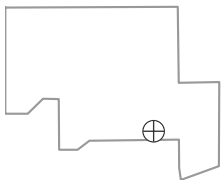
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

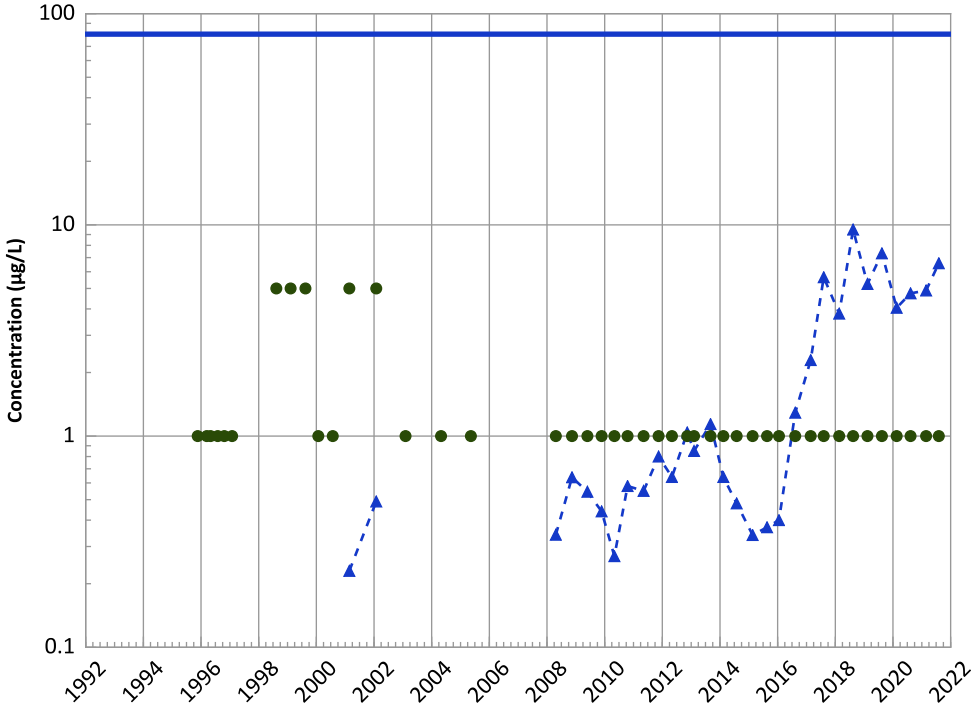
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

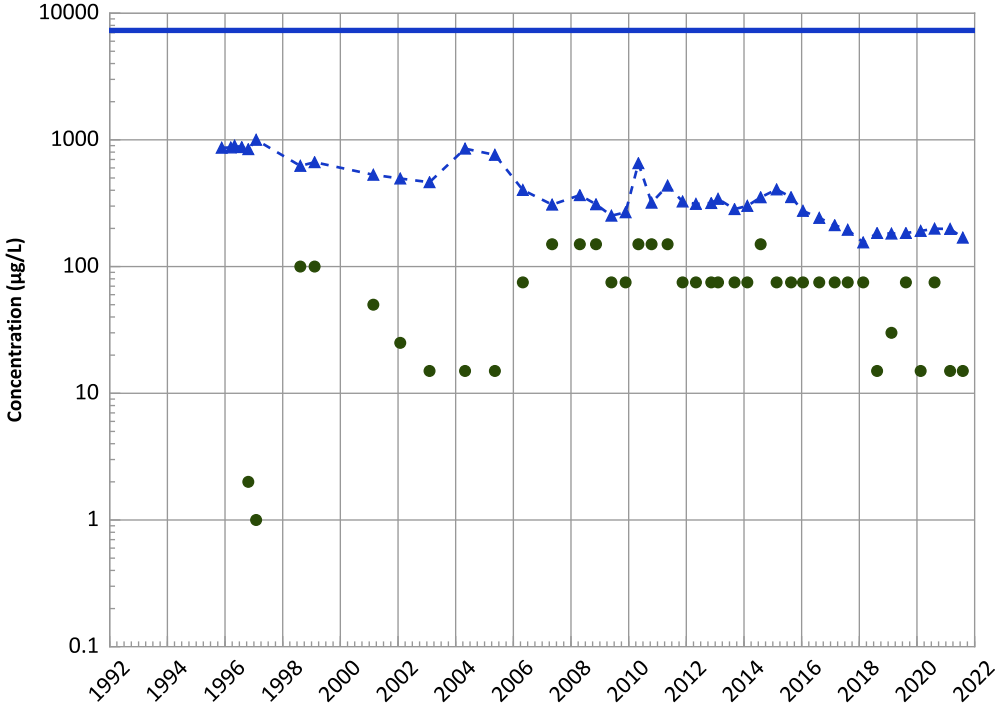


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Boron Trend



Concentration Trend

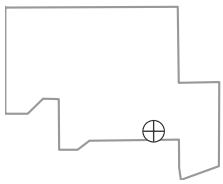
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

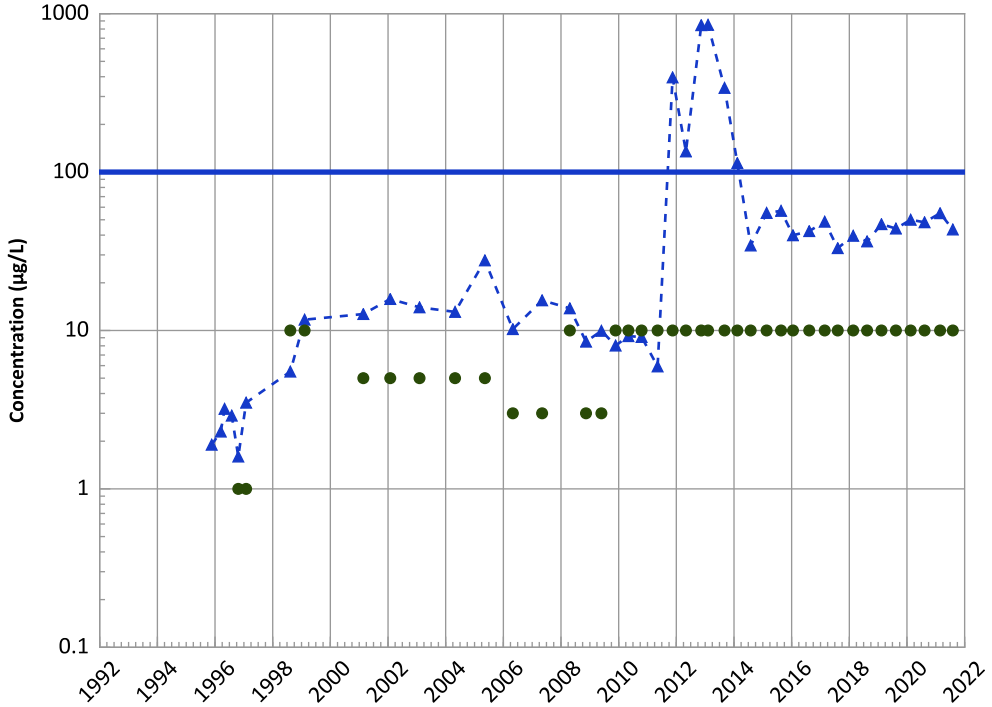
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

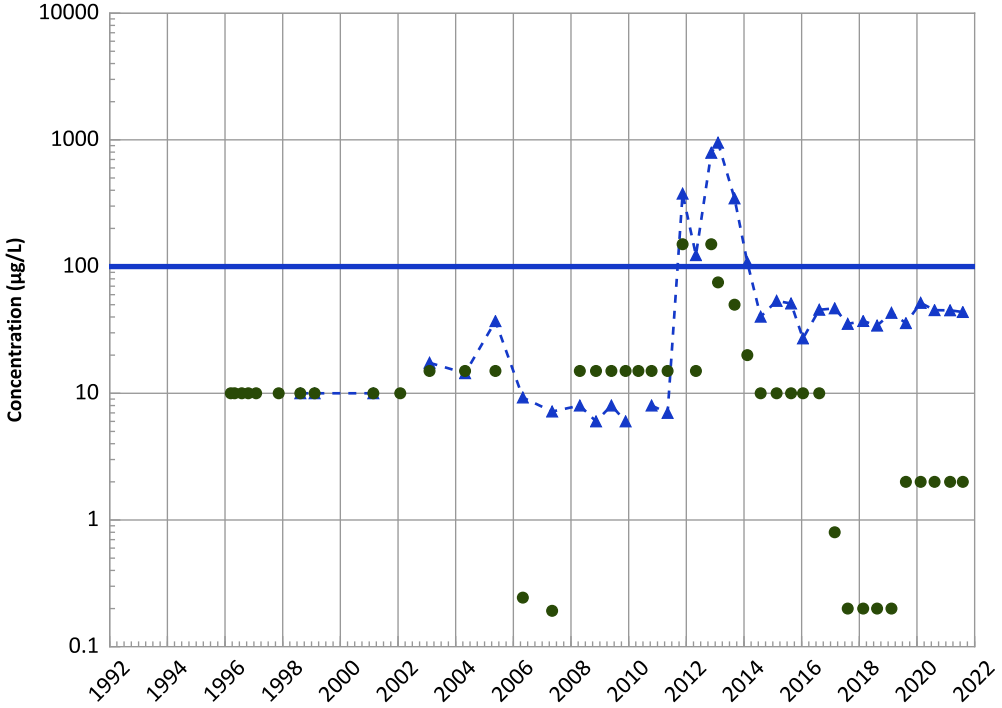


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Hexavalent Trend



Concentration Trend

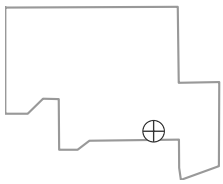
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

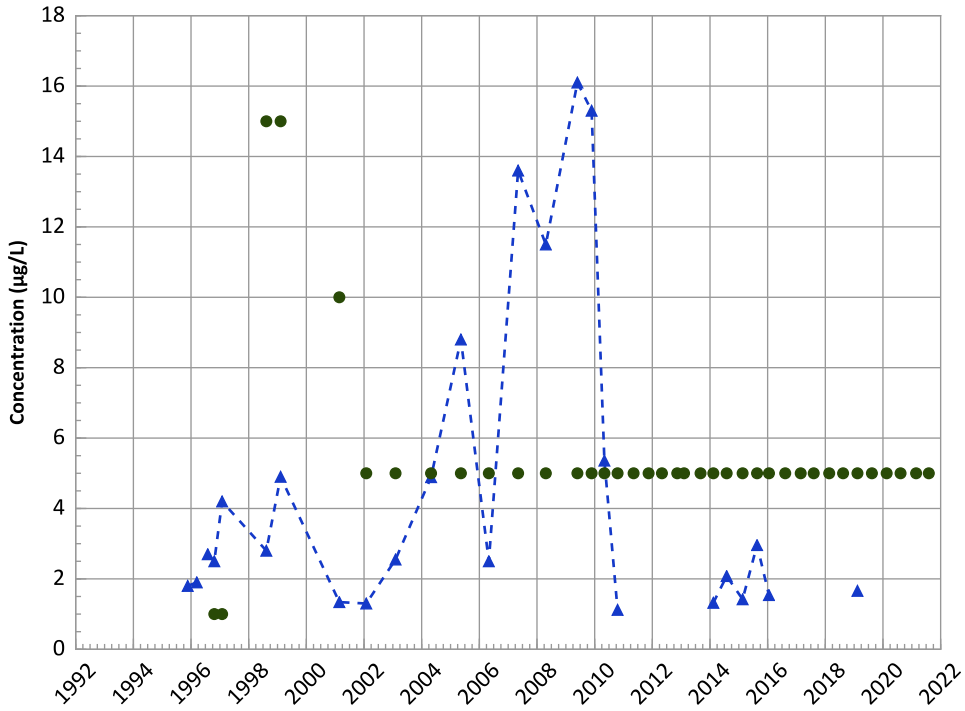
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

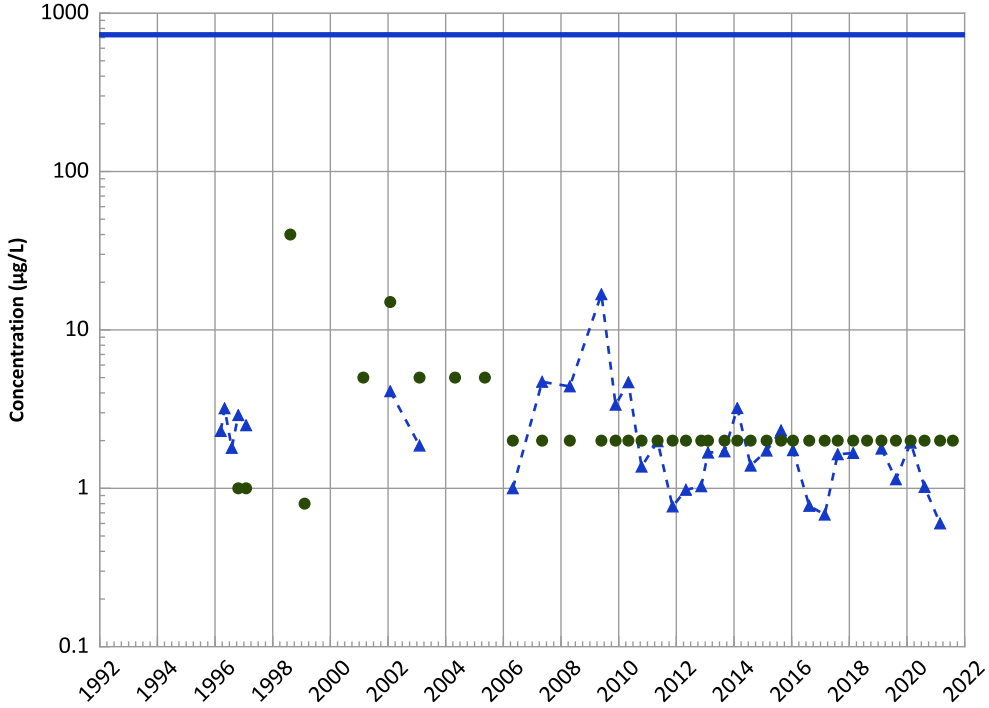


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Nickel Trend



Concentration Trend

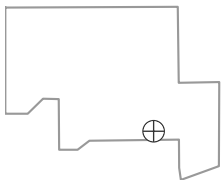
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

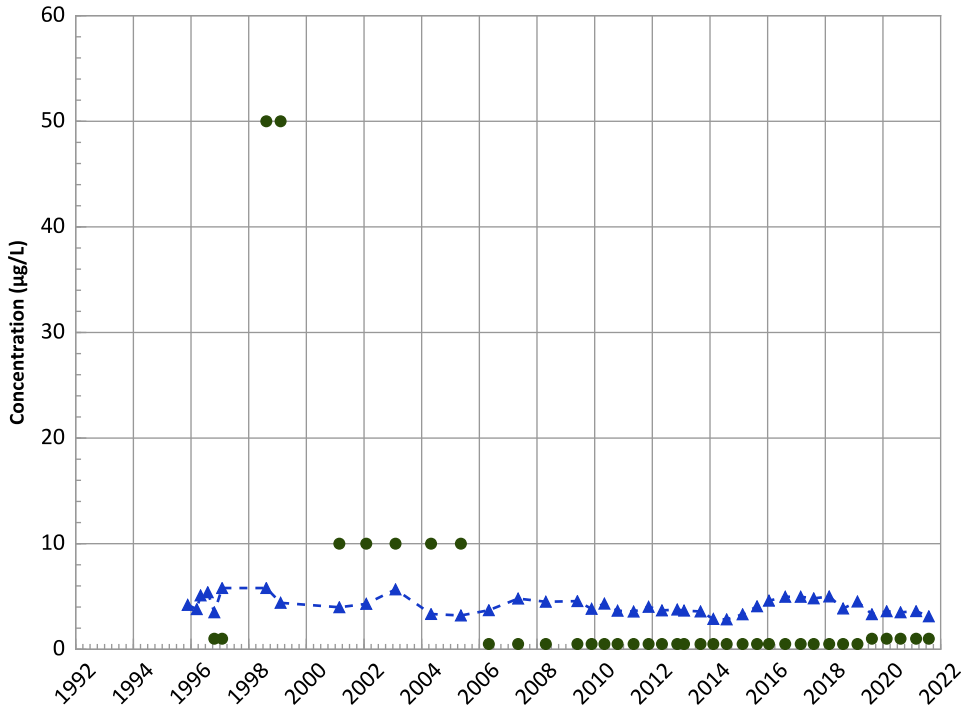
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

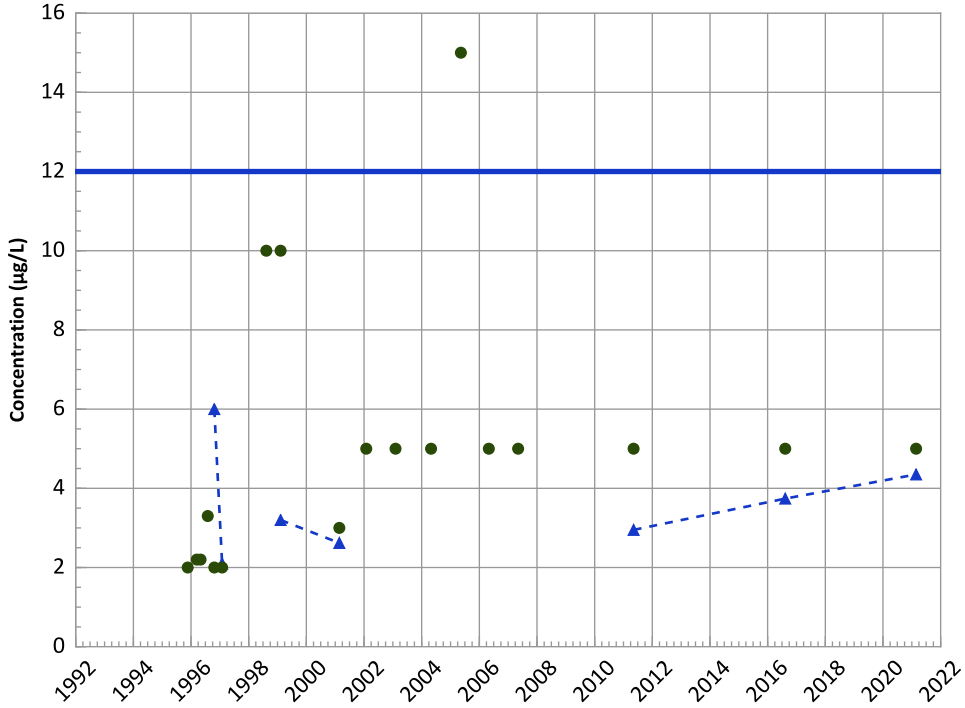


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Arsenic Trend



Concentration Trend

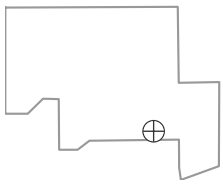
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

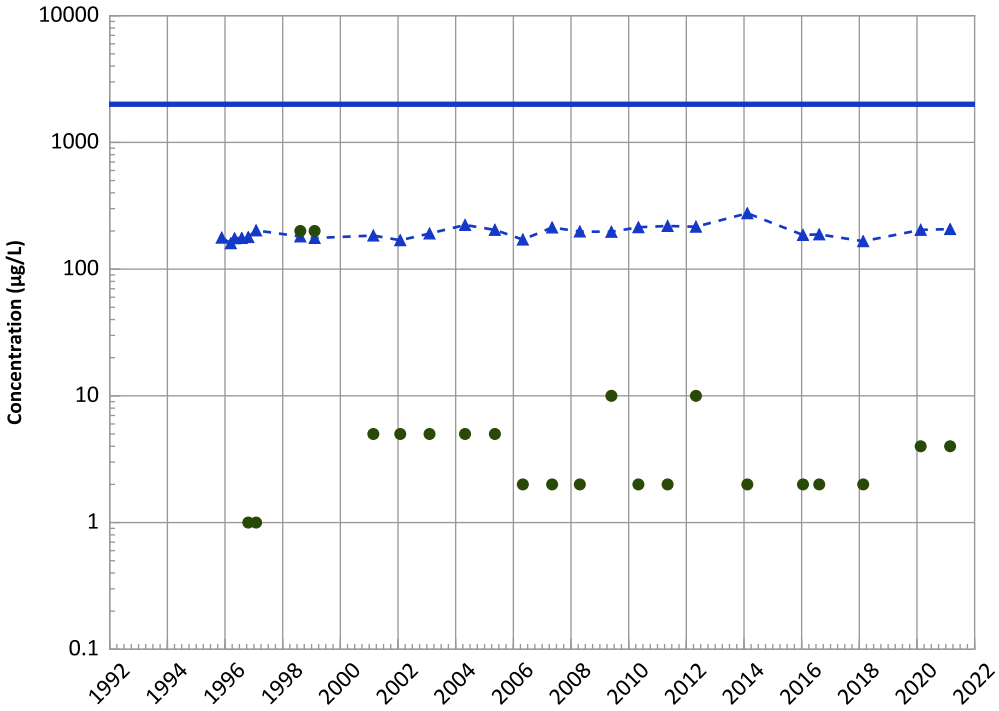
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

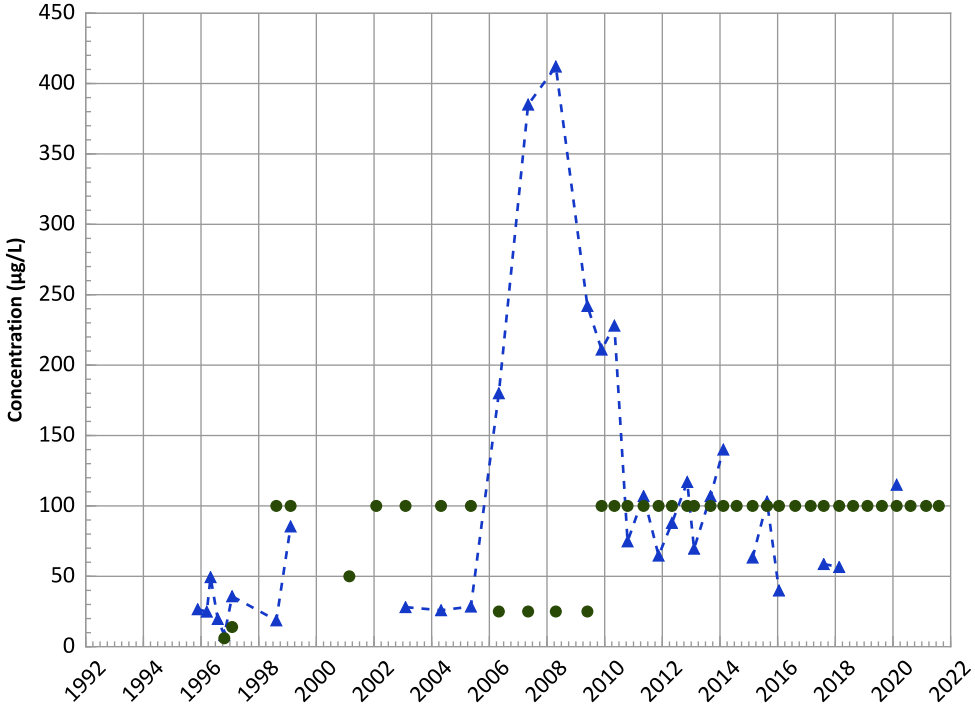


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Iron Trend



Concentration Trend

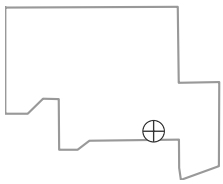
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

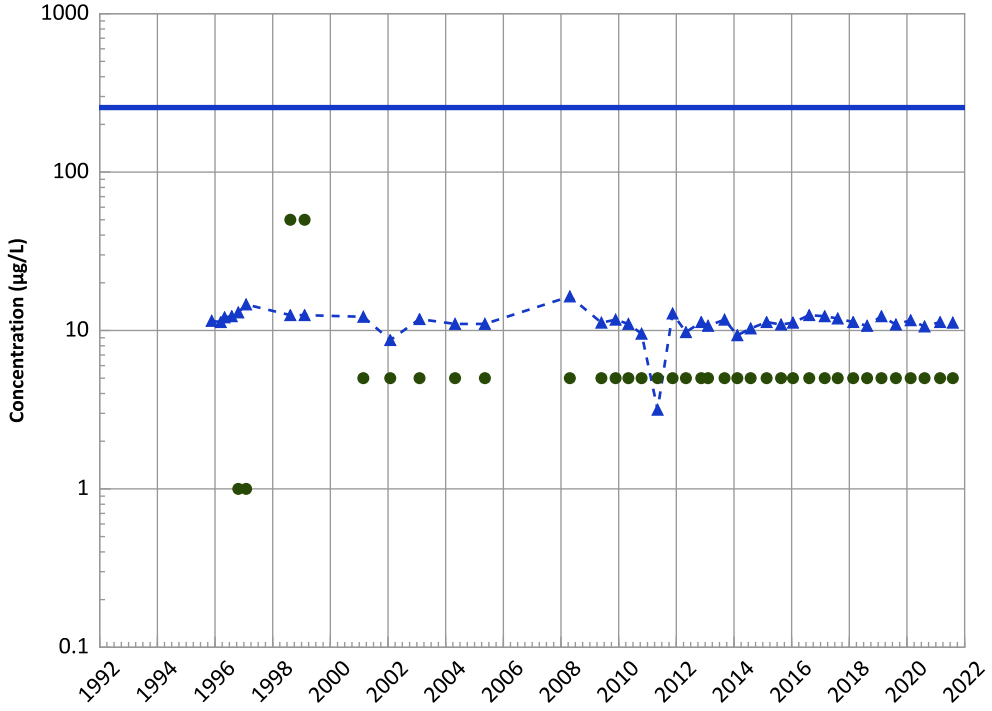
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

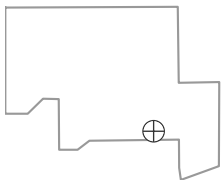
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

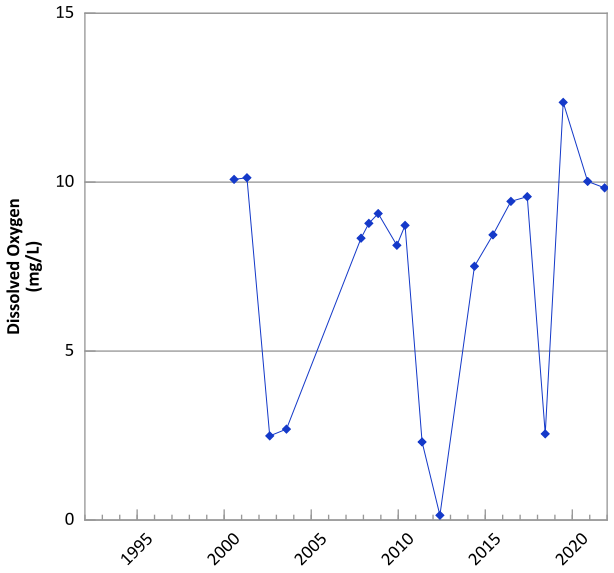
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/20/1995 to 08/04/2021
Analysis Date: 04/05/2022

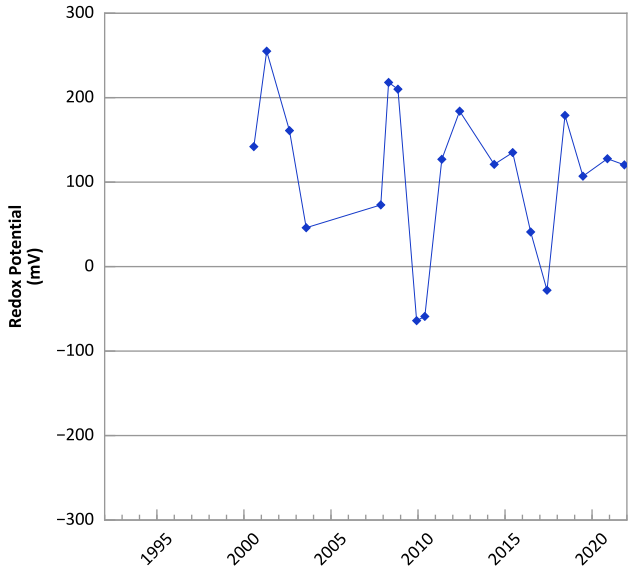
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

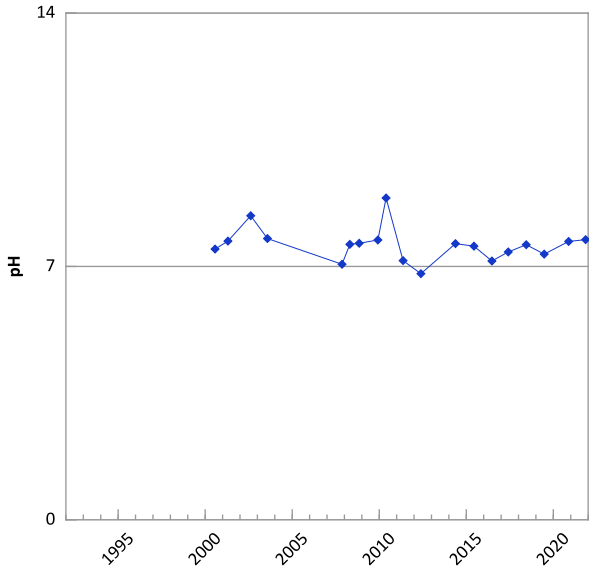
Well Location

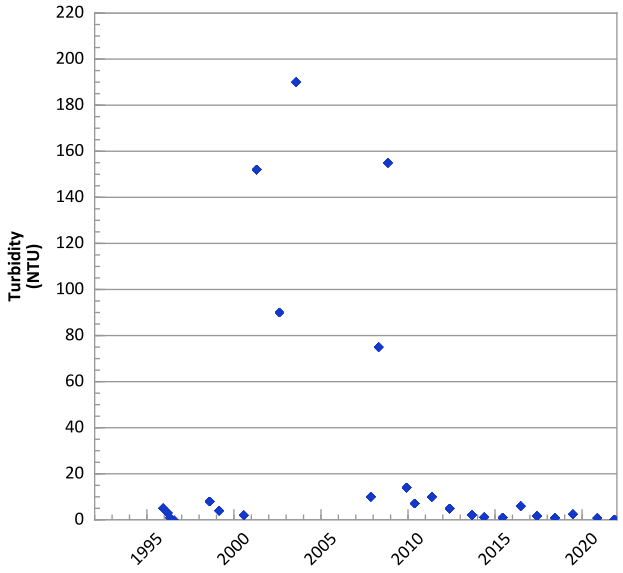


PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



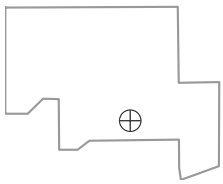






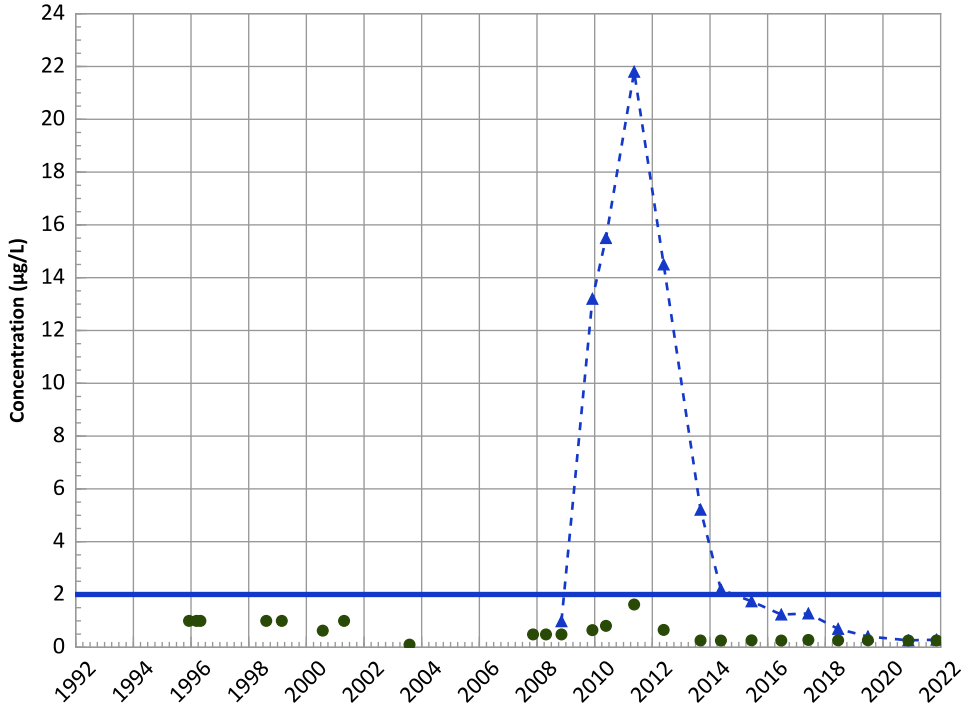
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

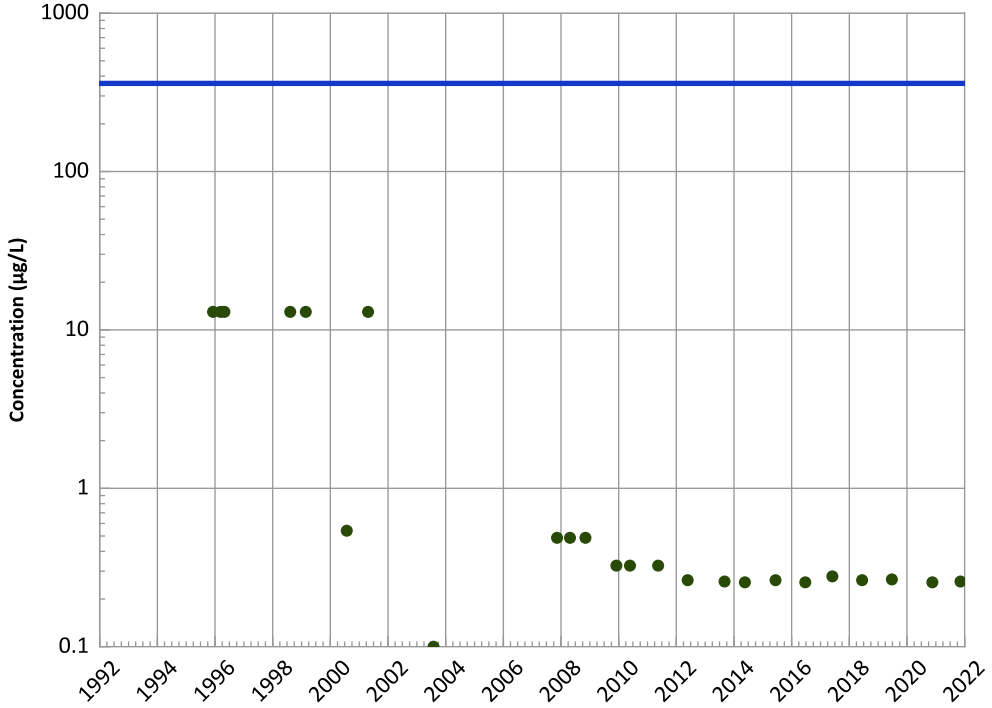


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

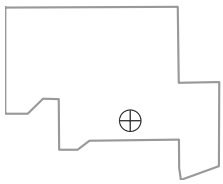
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

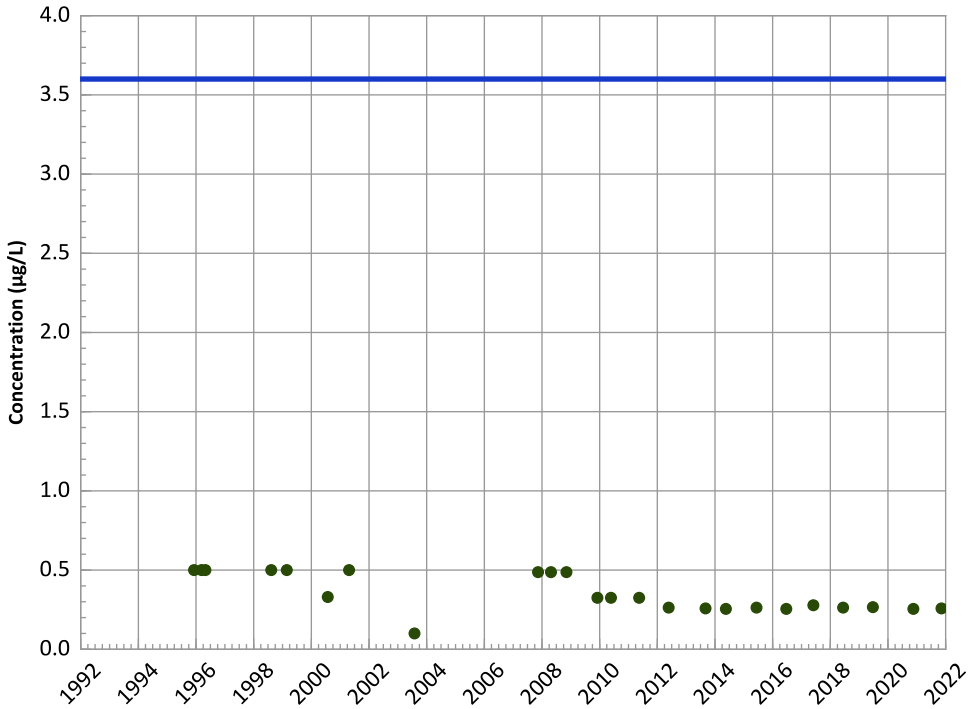
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

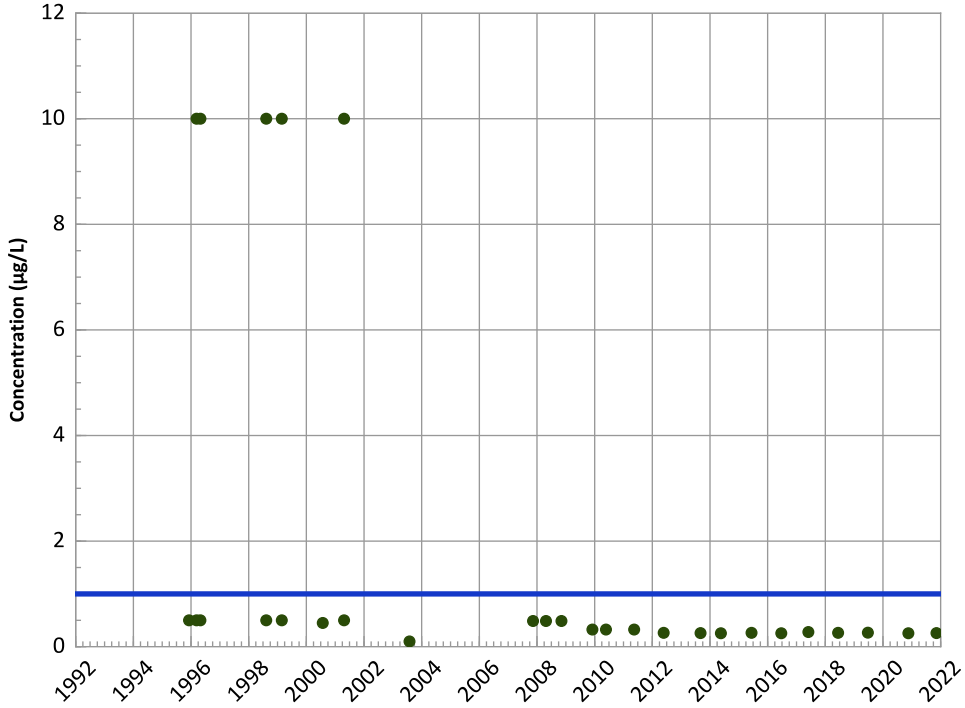


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

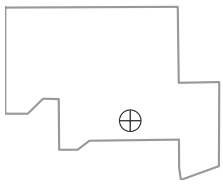
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

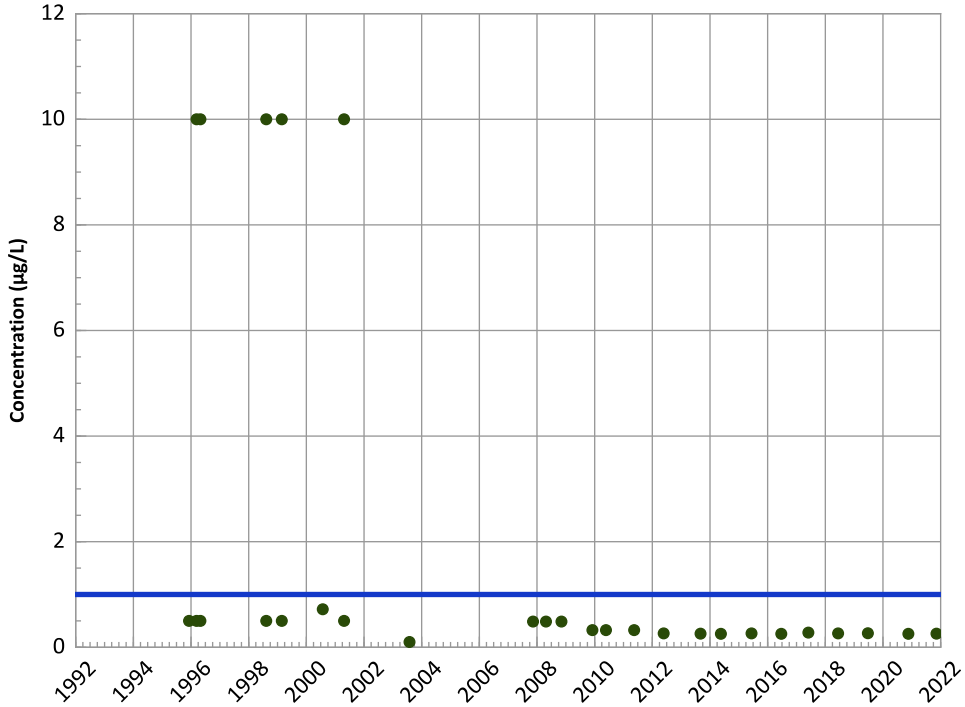
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

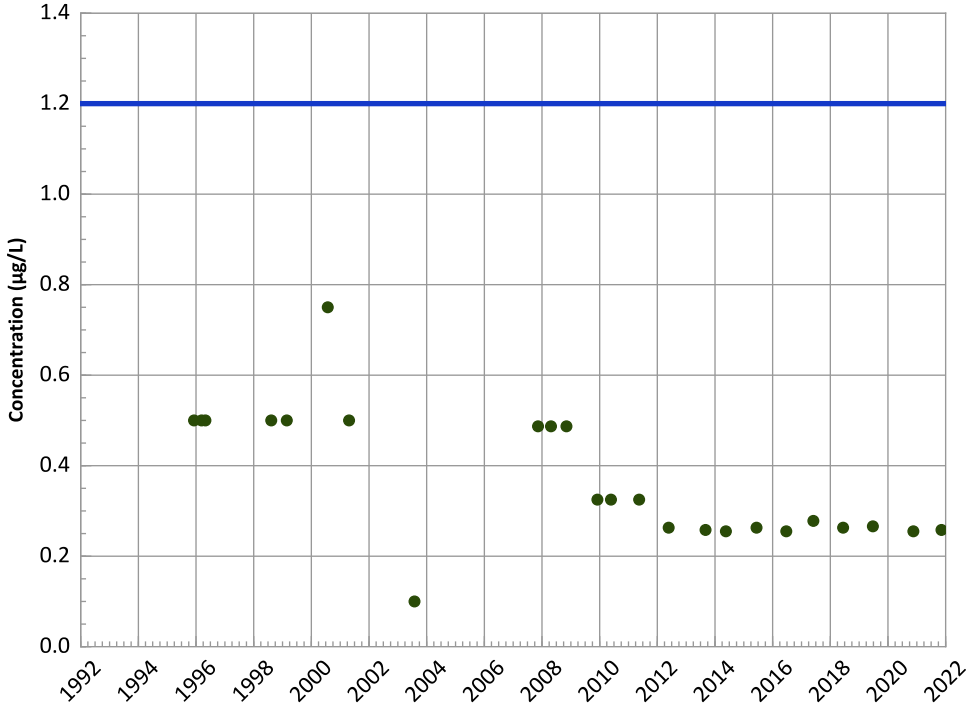


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

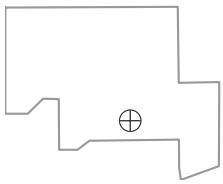
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

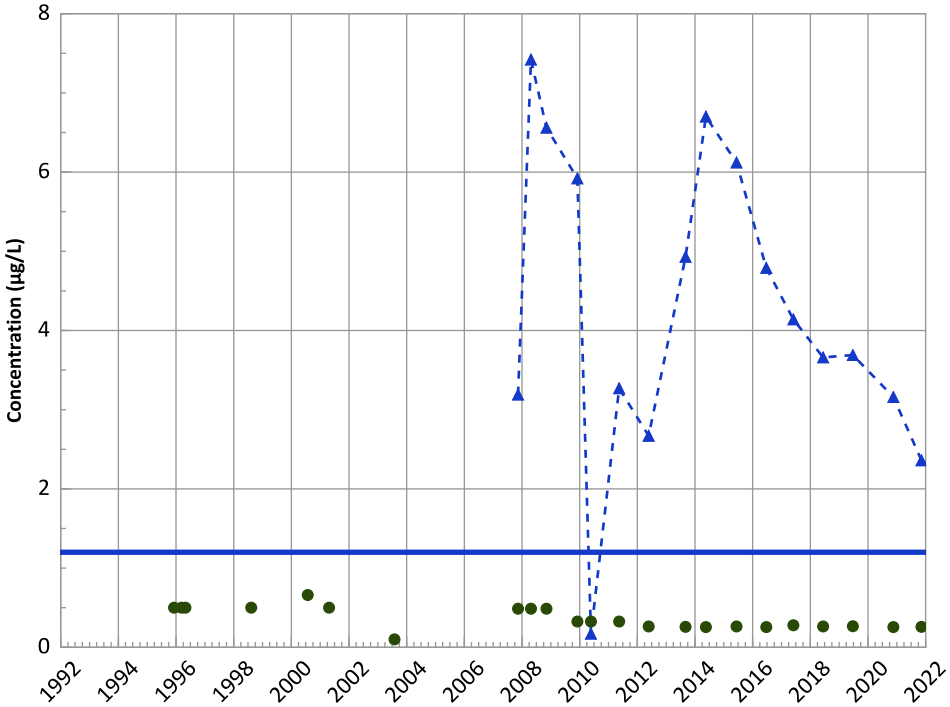
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

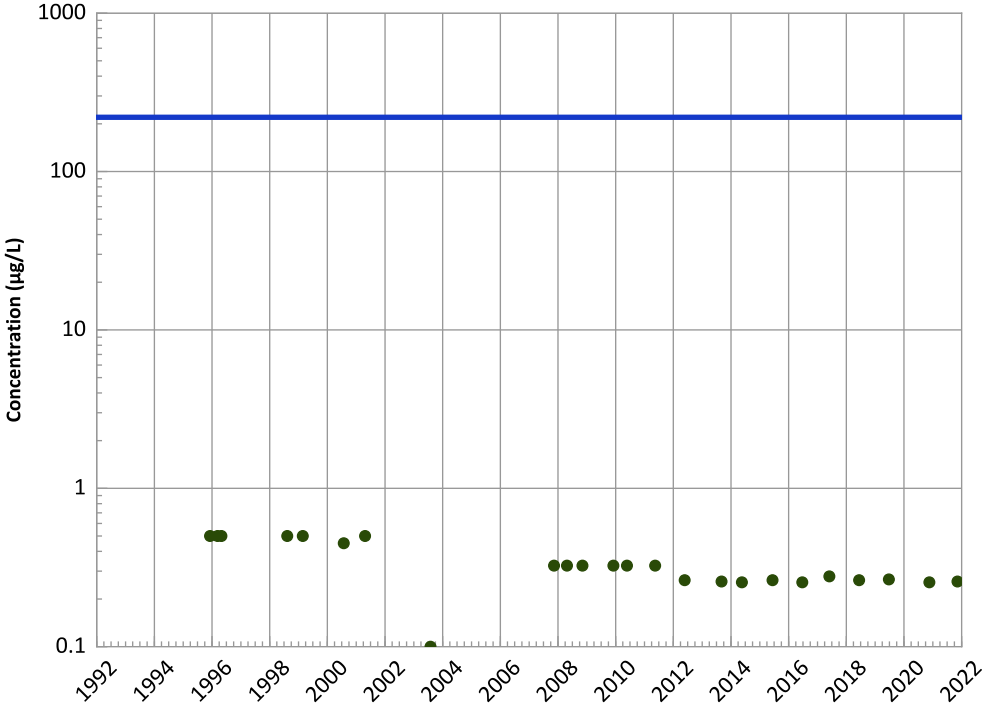


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

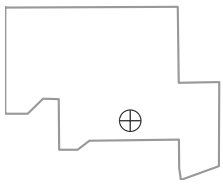
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

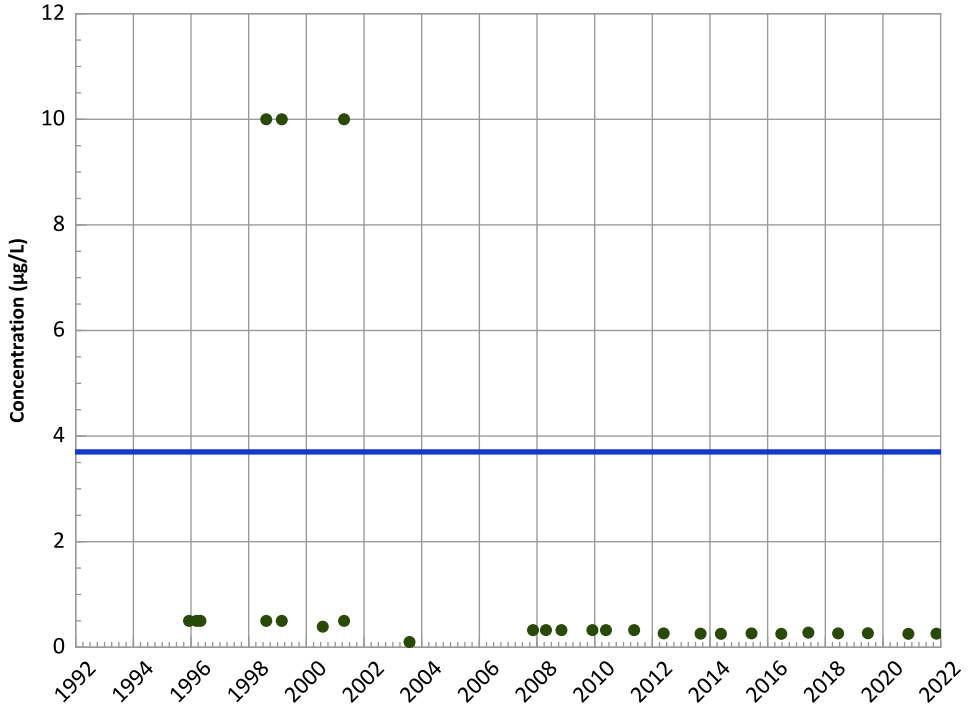
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

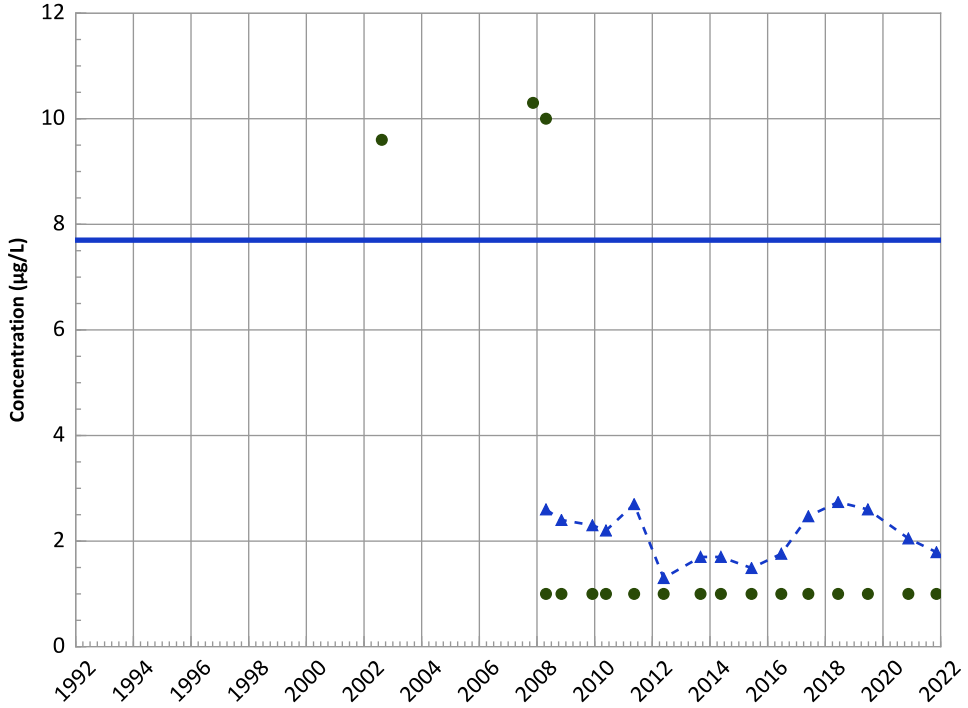


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

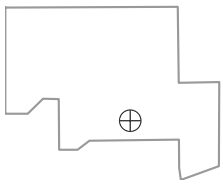
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

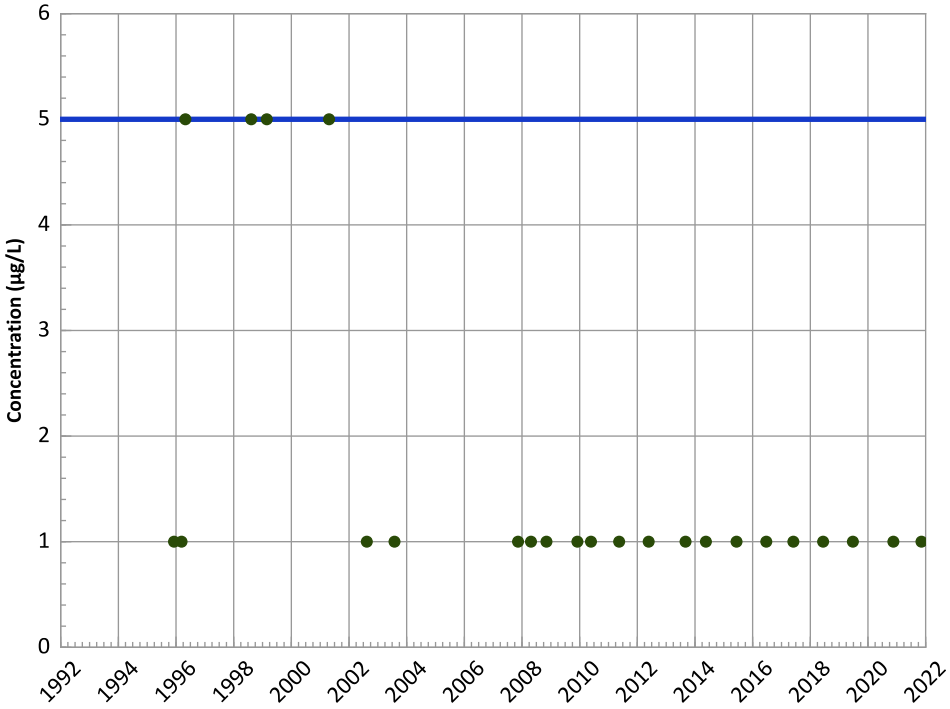
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

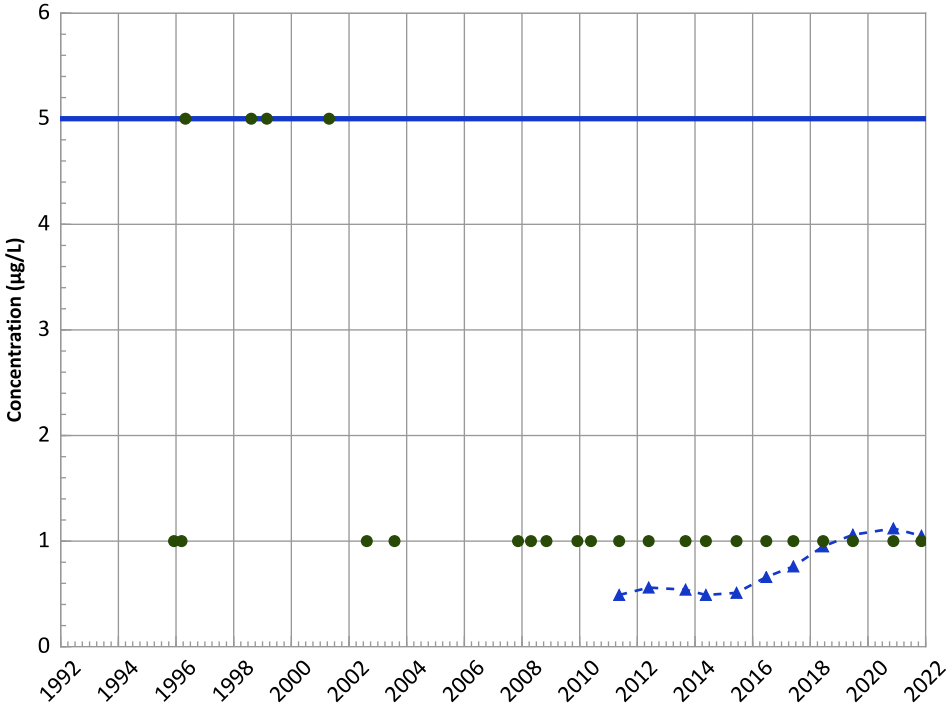


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

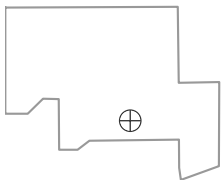
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

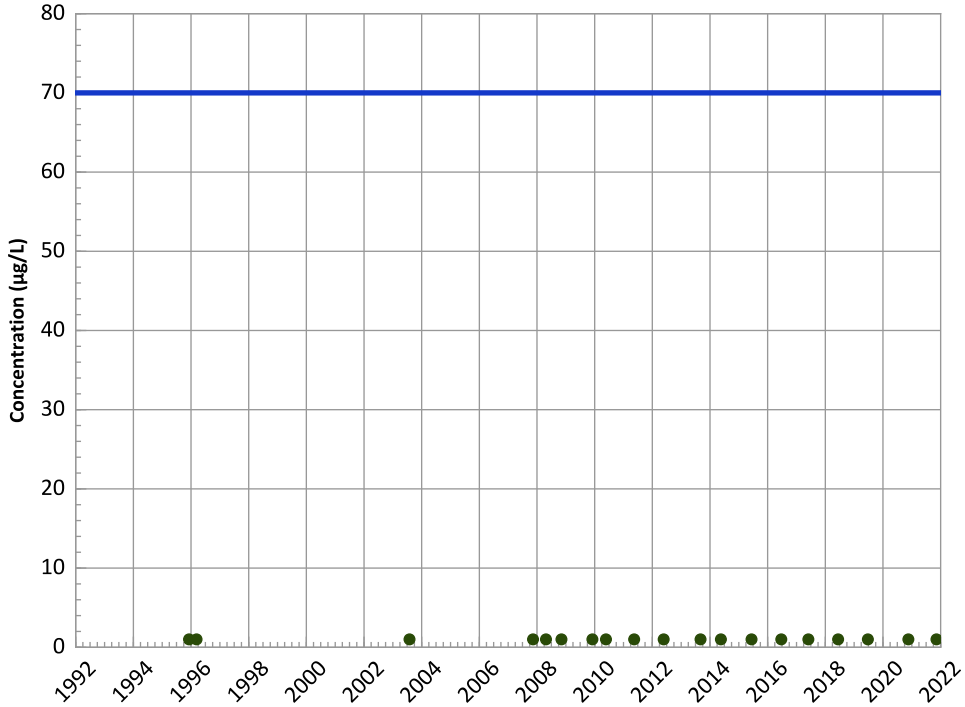
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

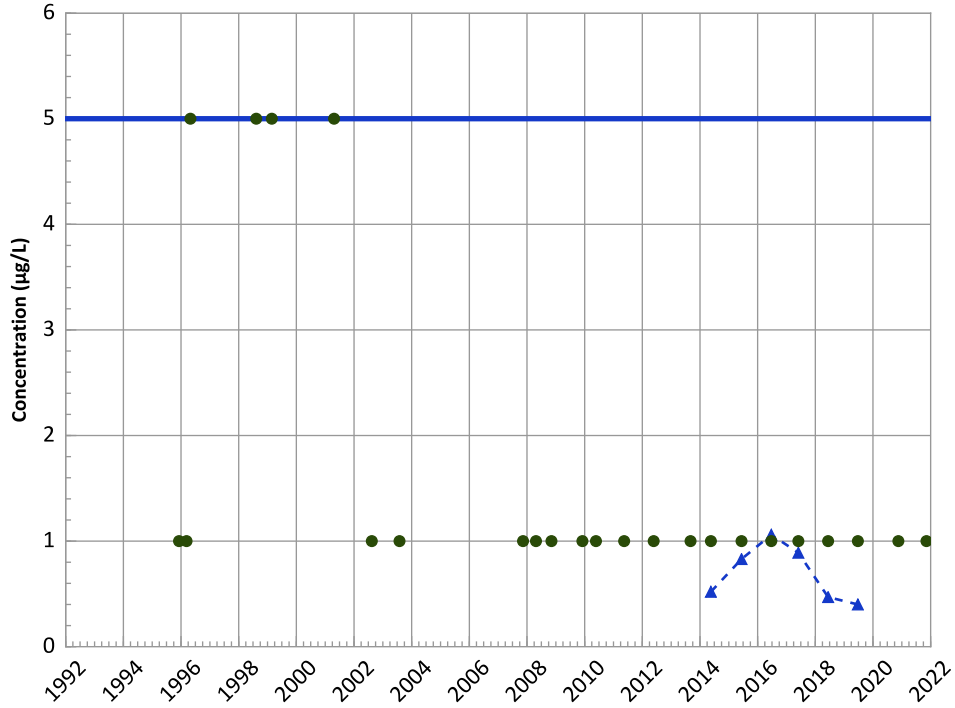


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

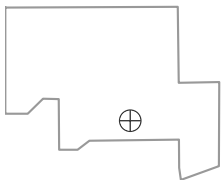
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

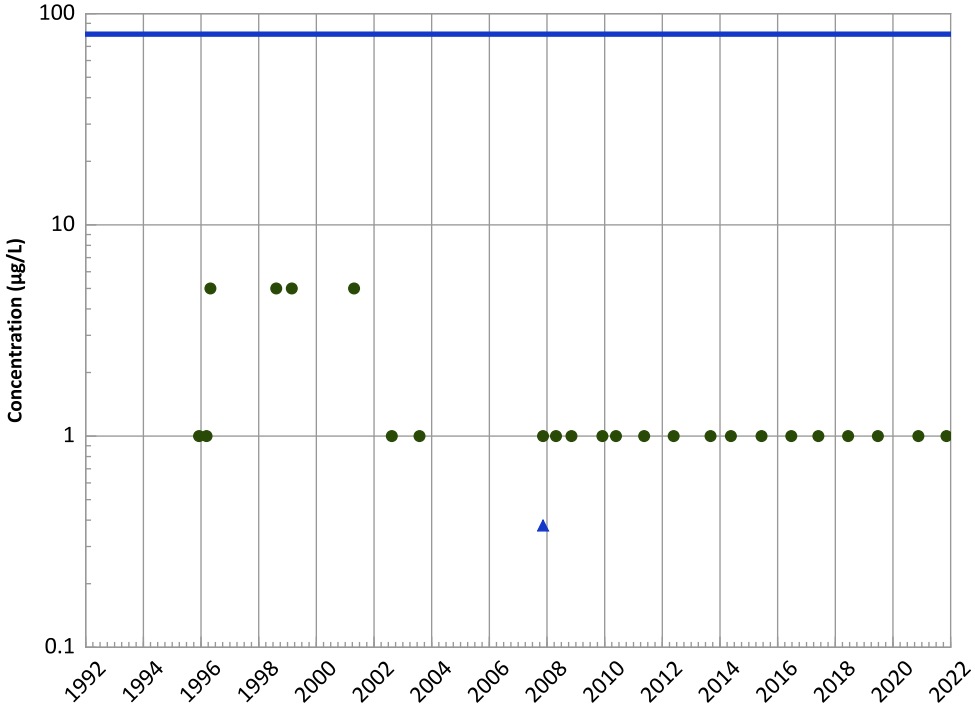
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

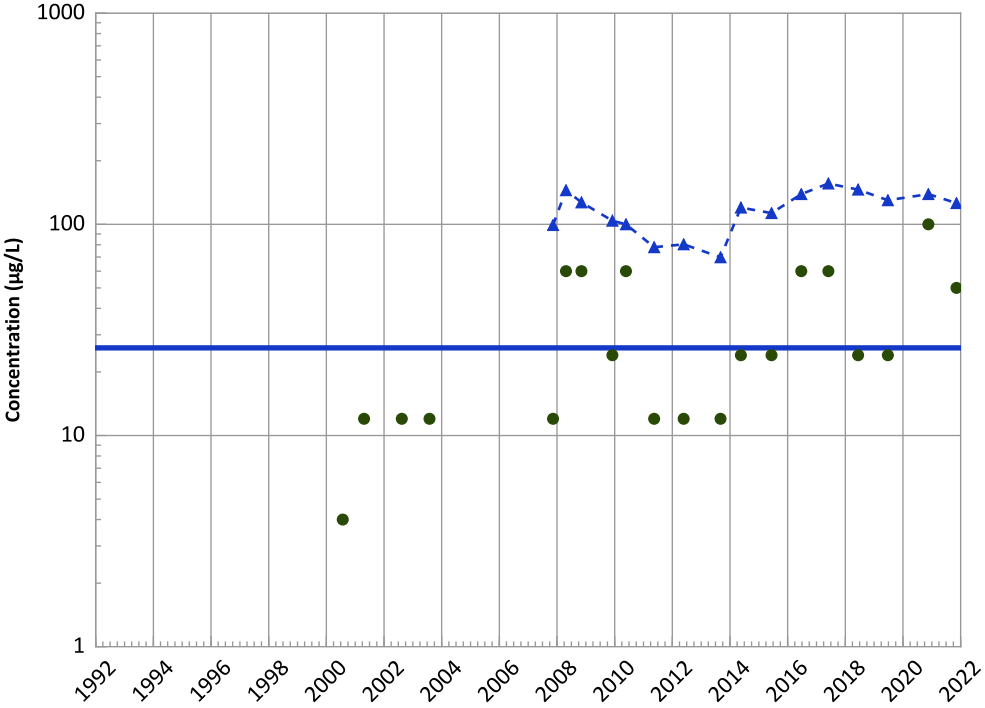


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

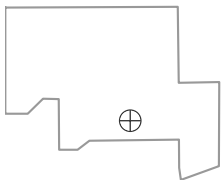
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

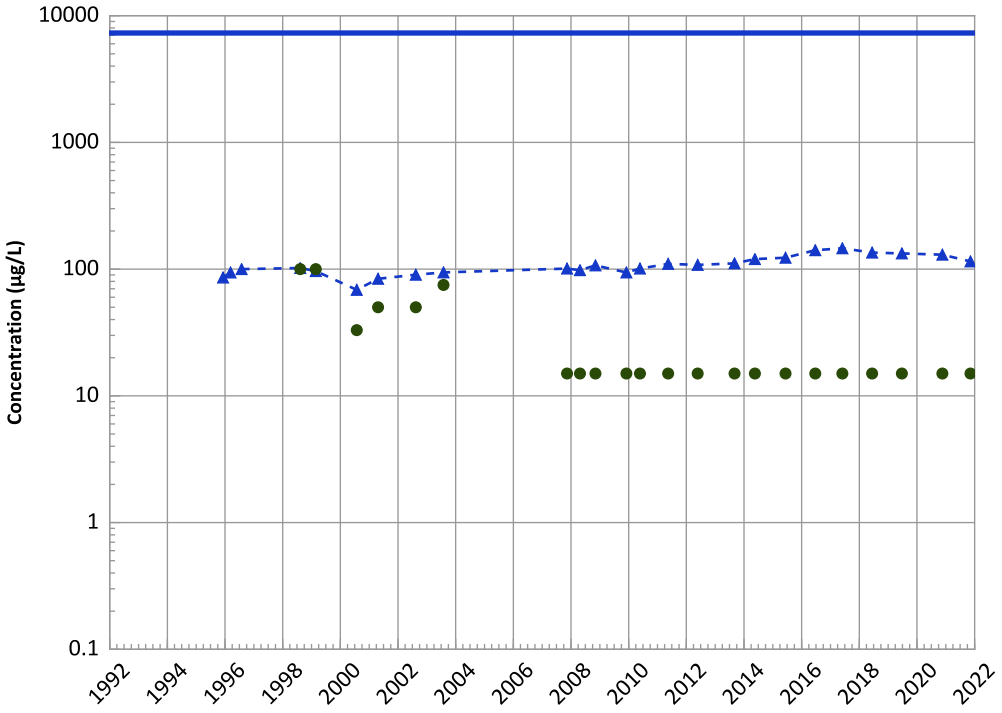
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

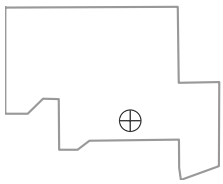
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

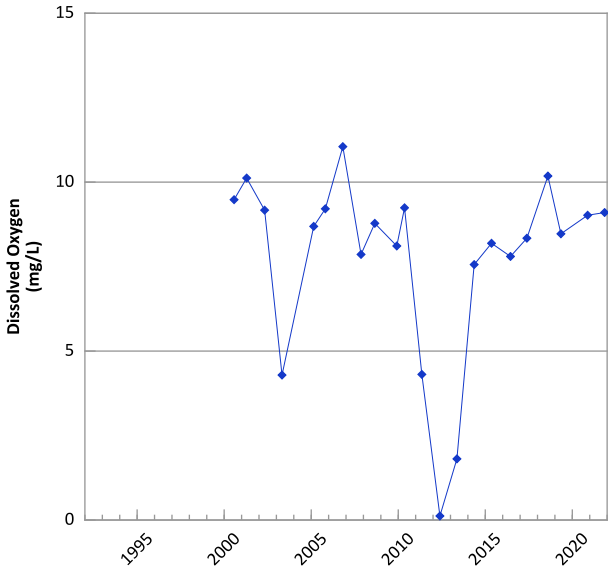
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 11/09/2021
Analysis Date: 04/05/2022

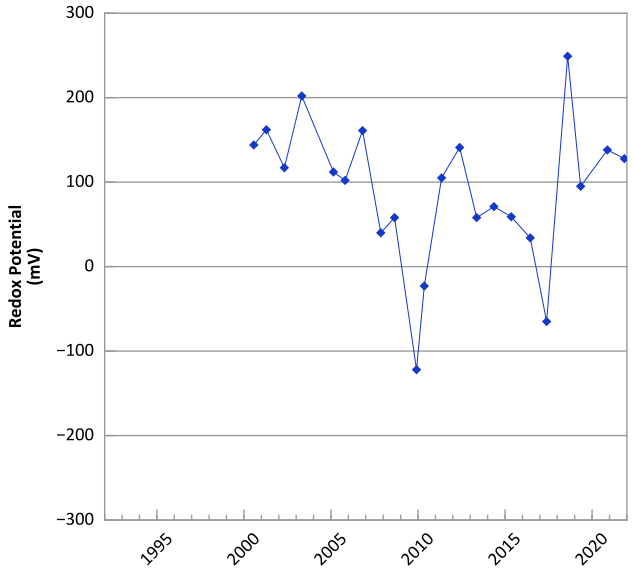
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

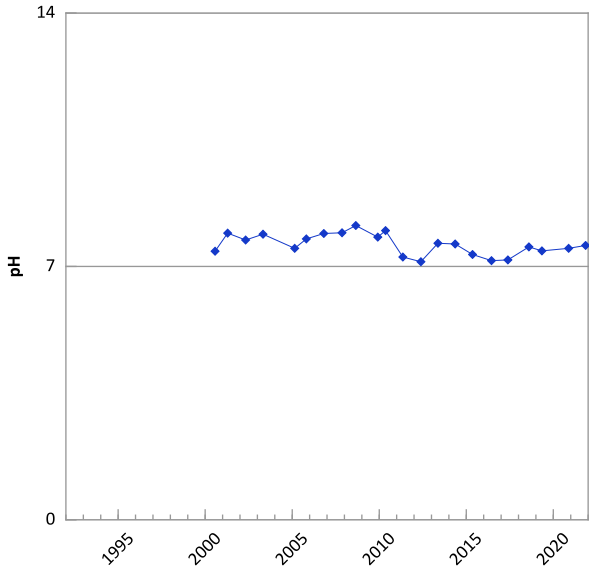
Well Location

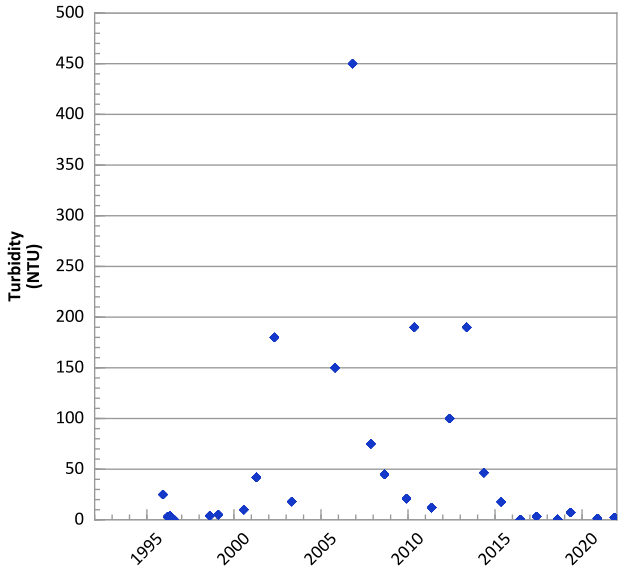


PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



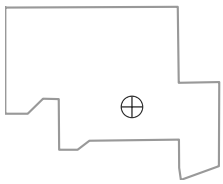






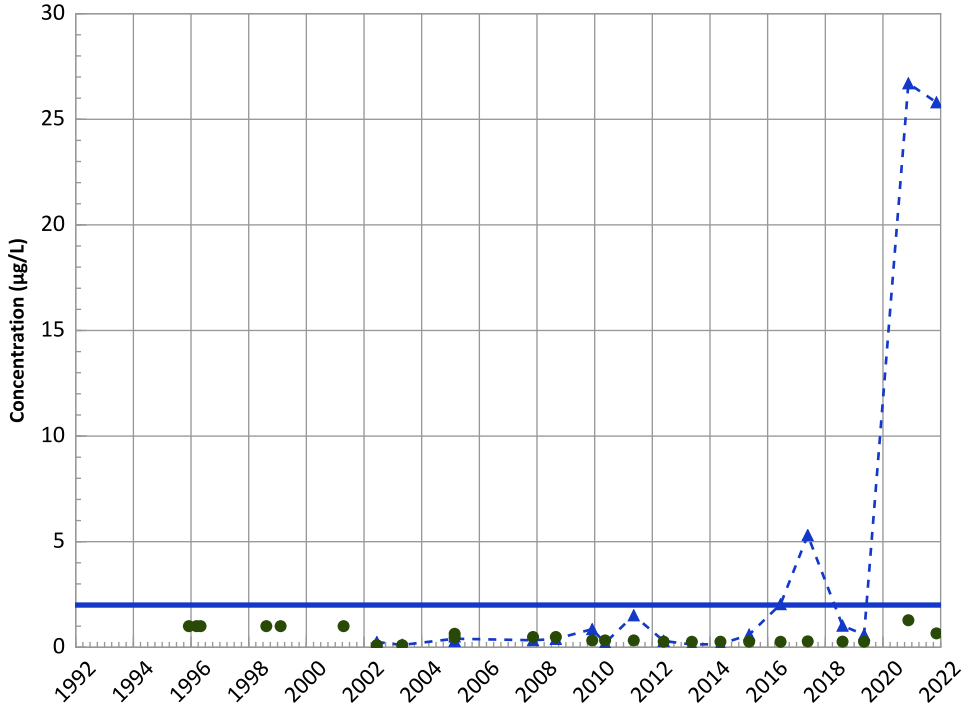
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

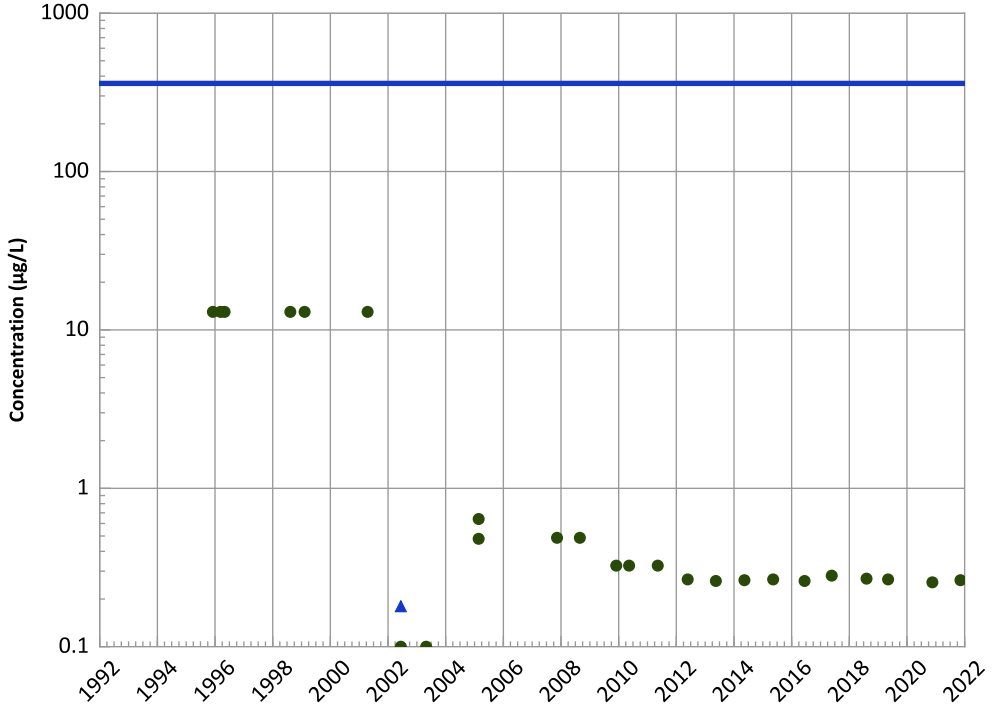


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

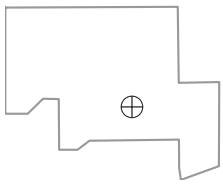
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

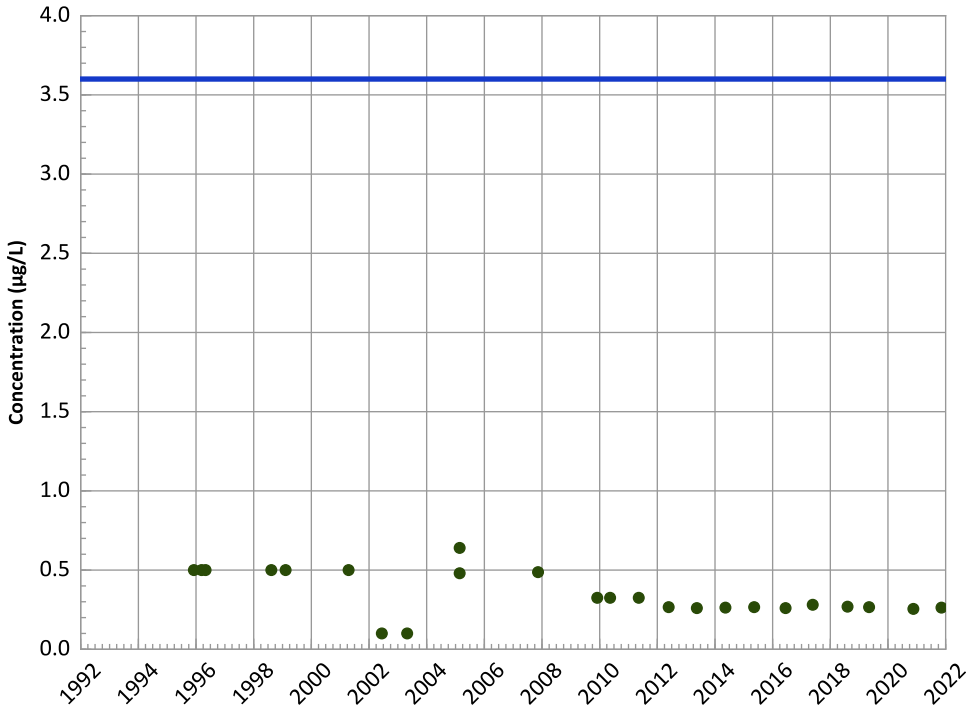
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

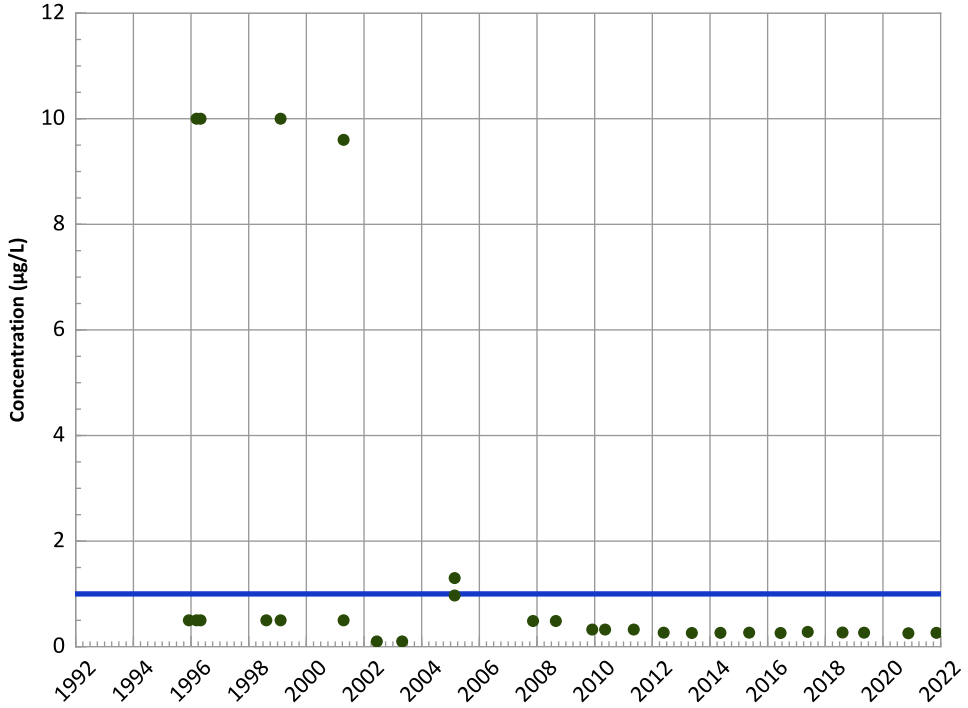


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

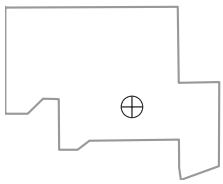
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

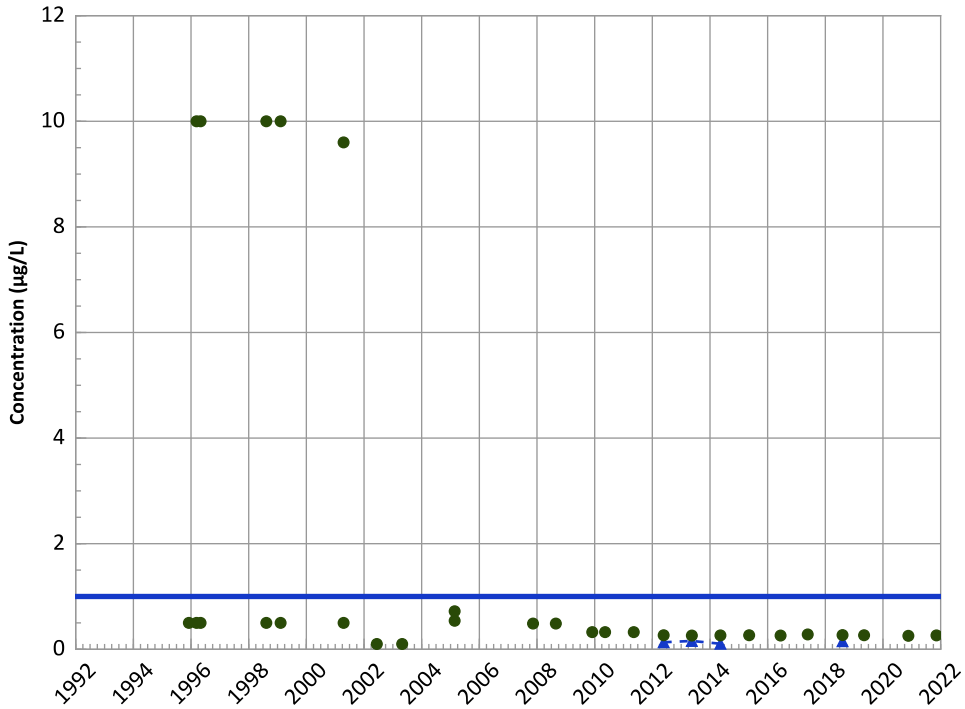
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

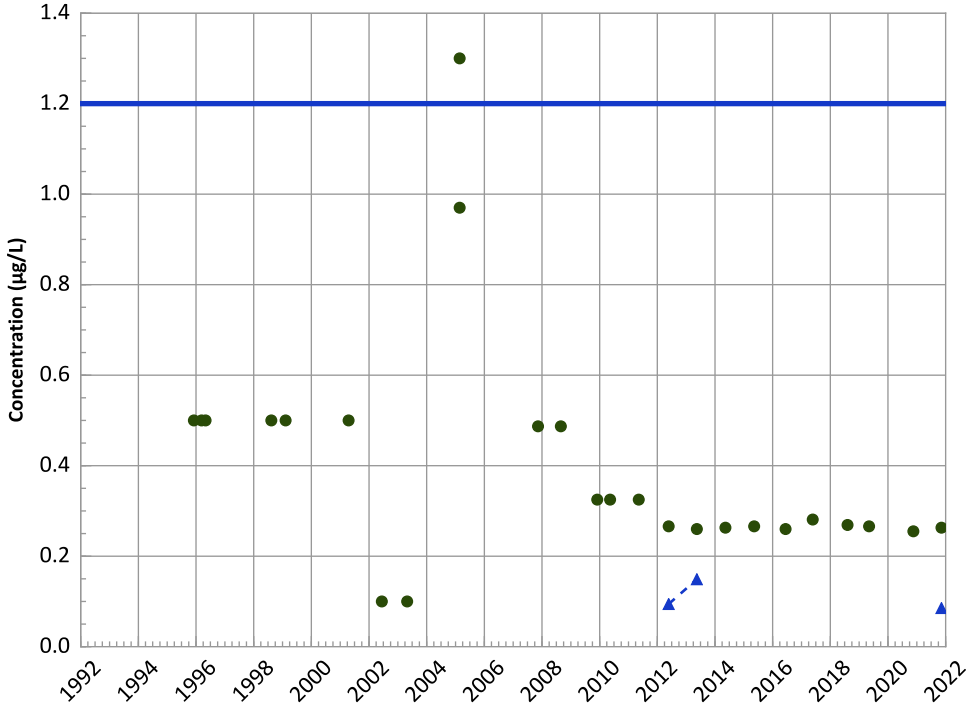


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

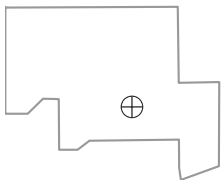
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

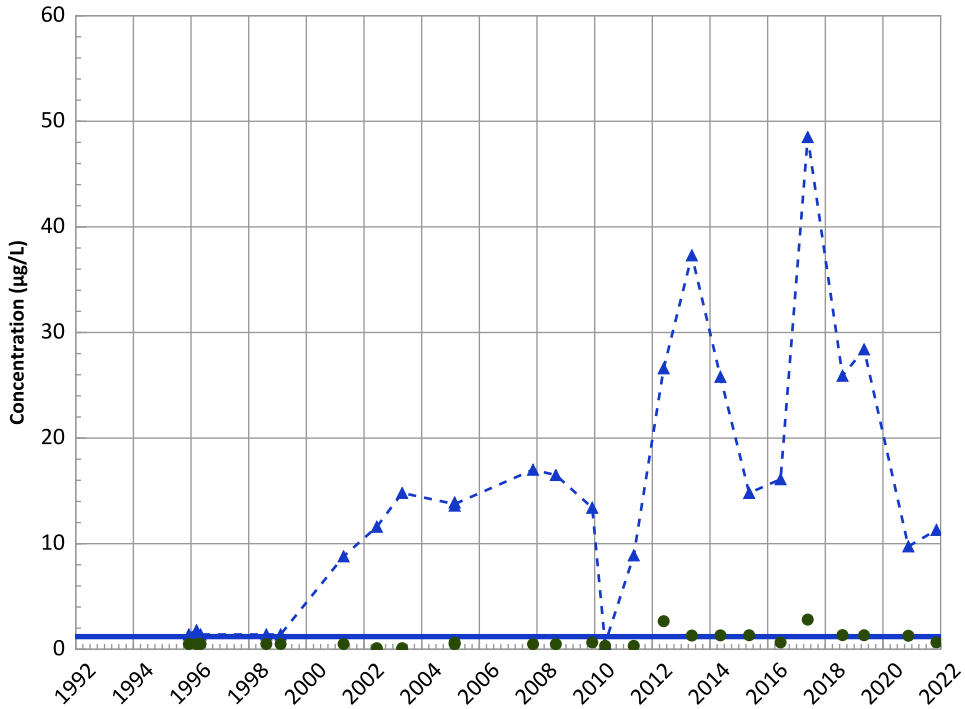
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

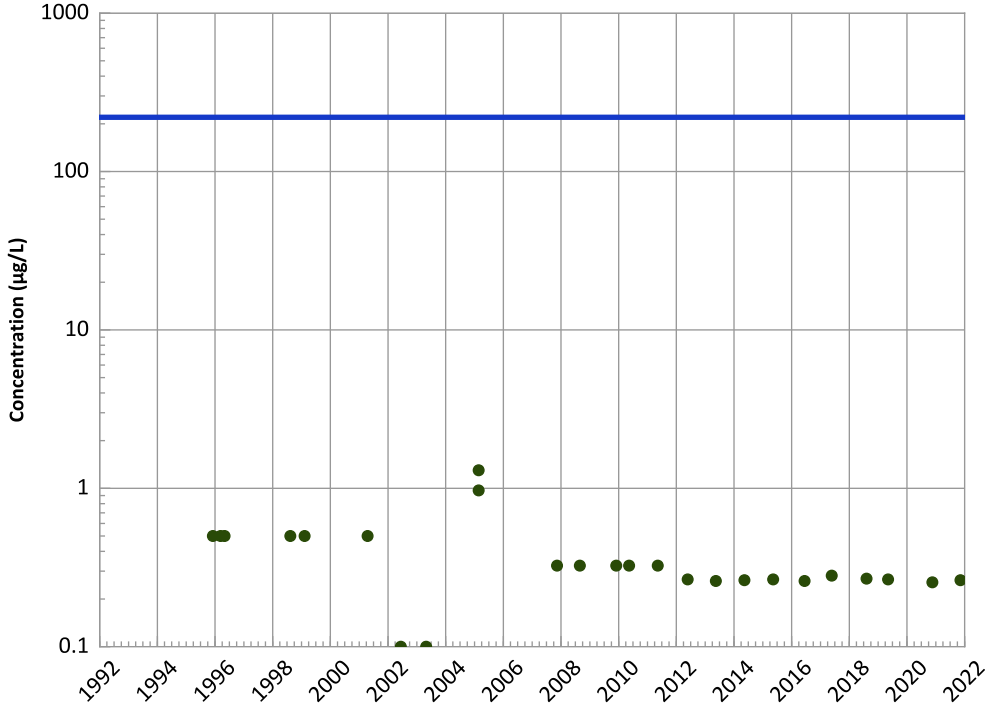


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

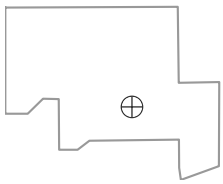
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

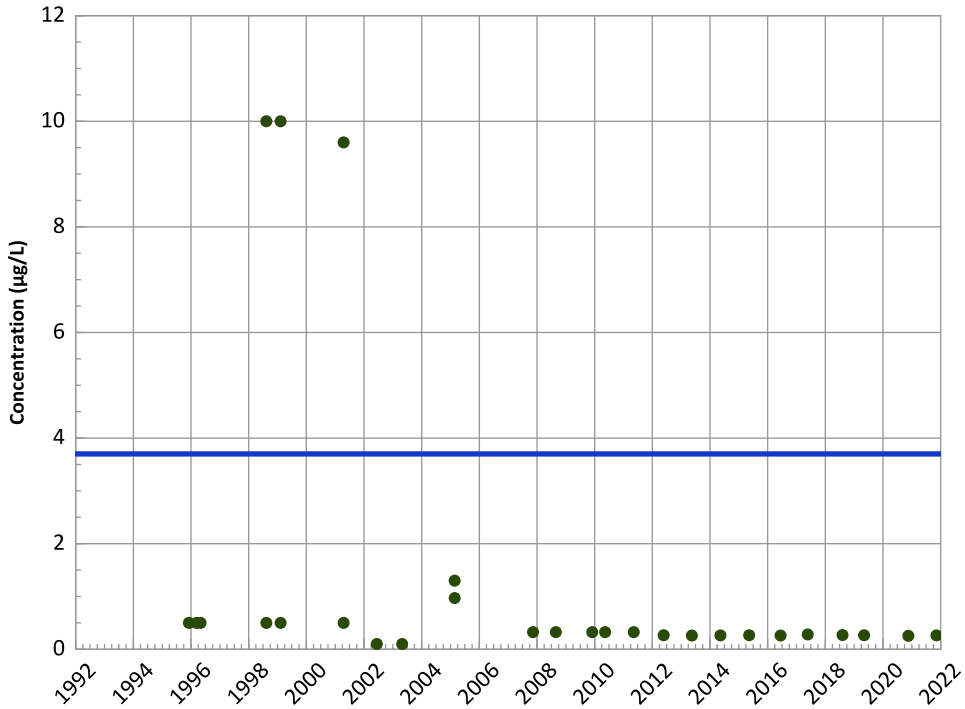
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

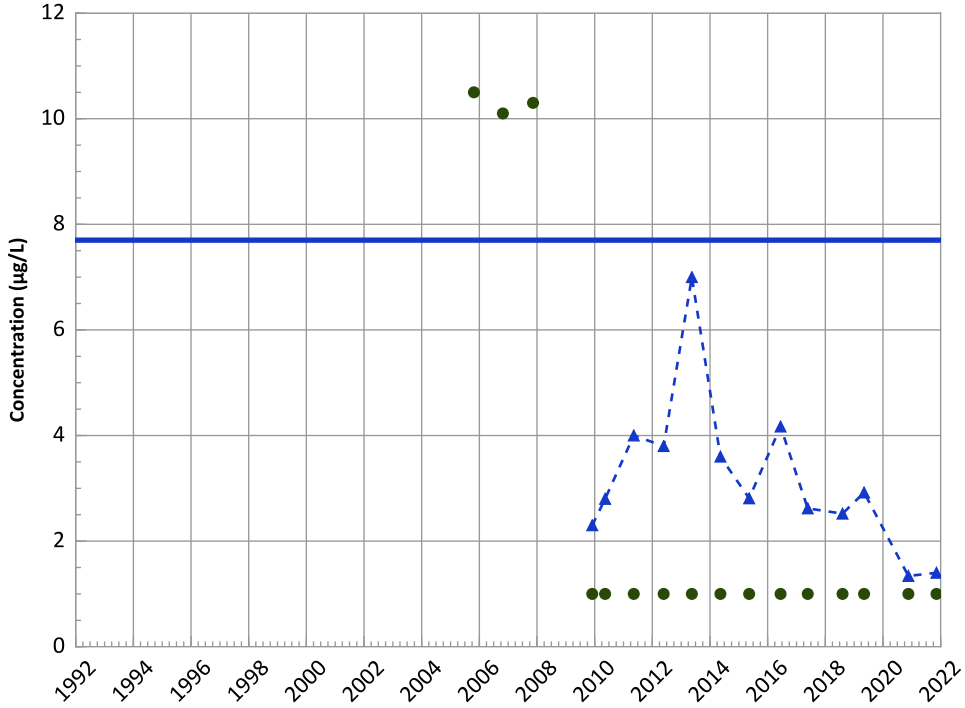


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

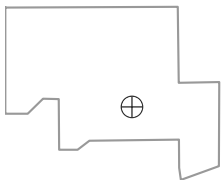
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

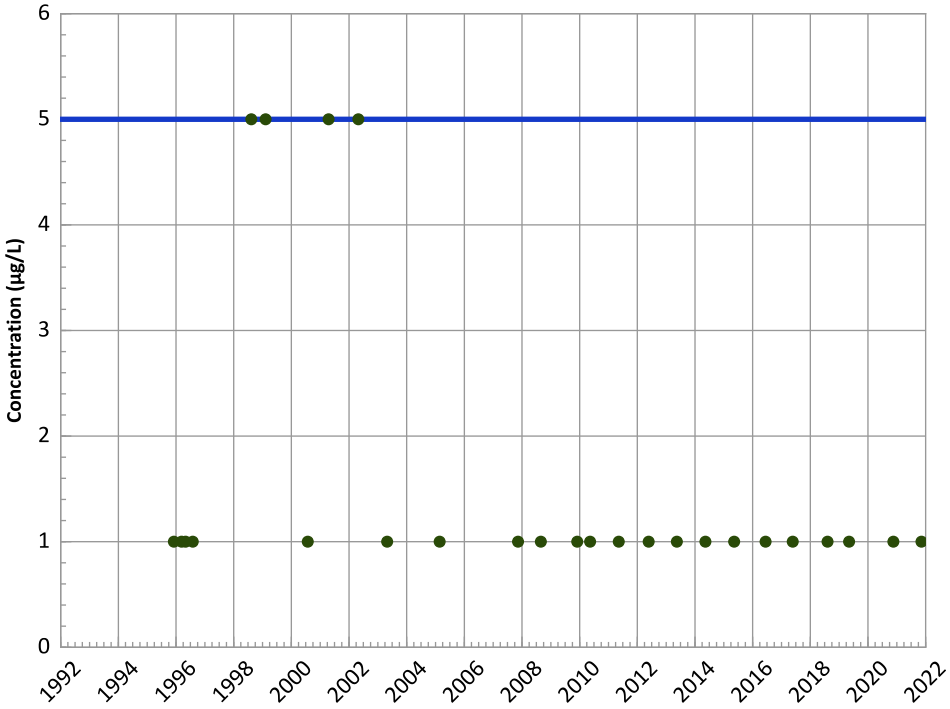
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

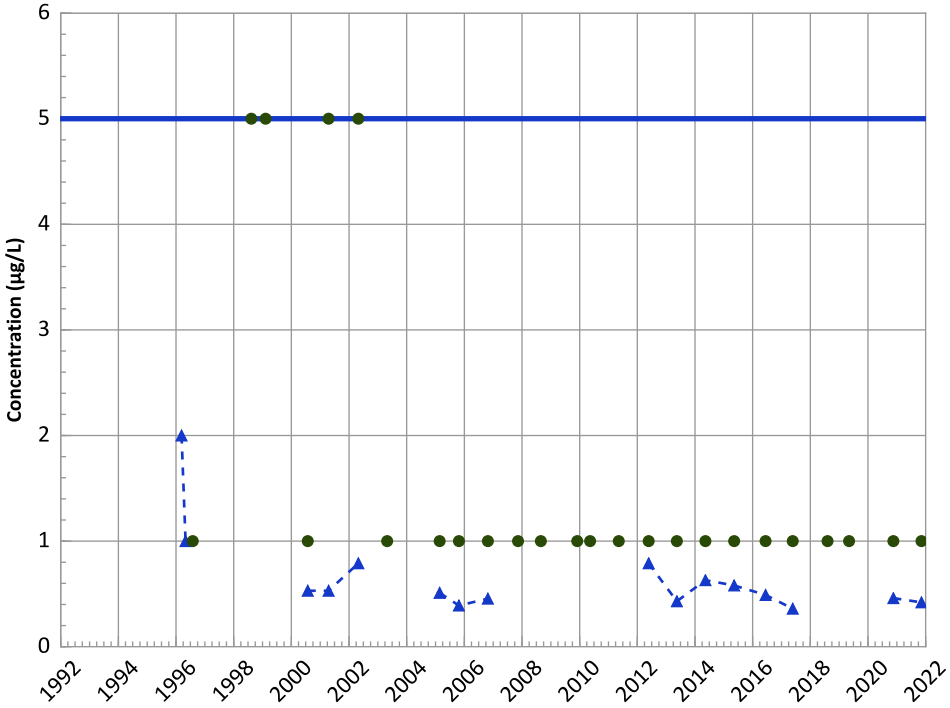


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

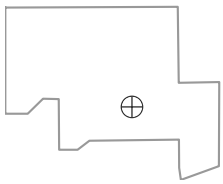
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

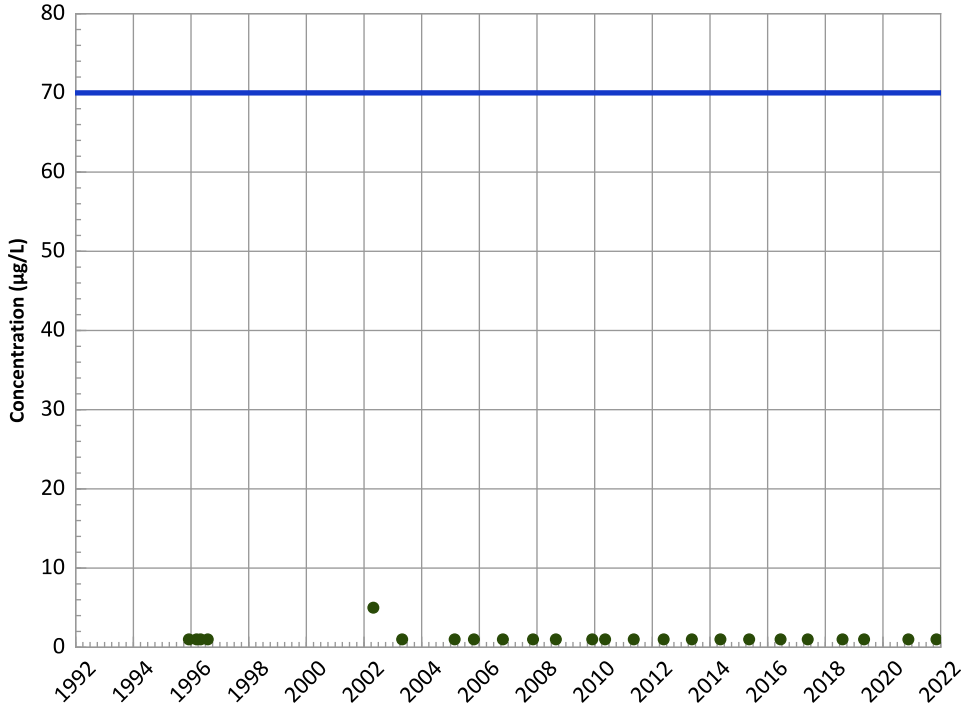
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

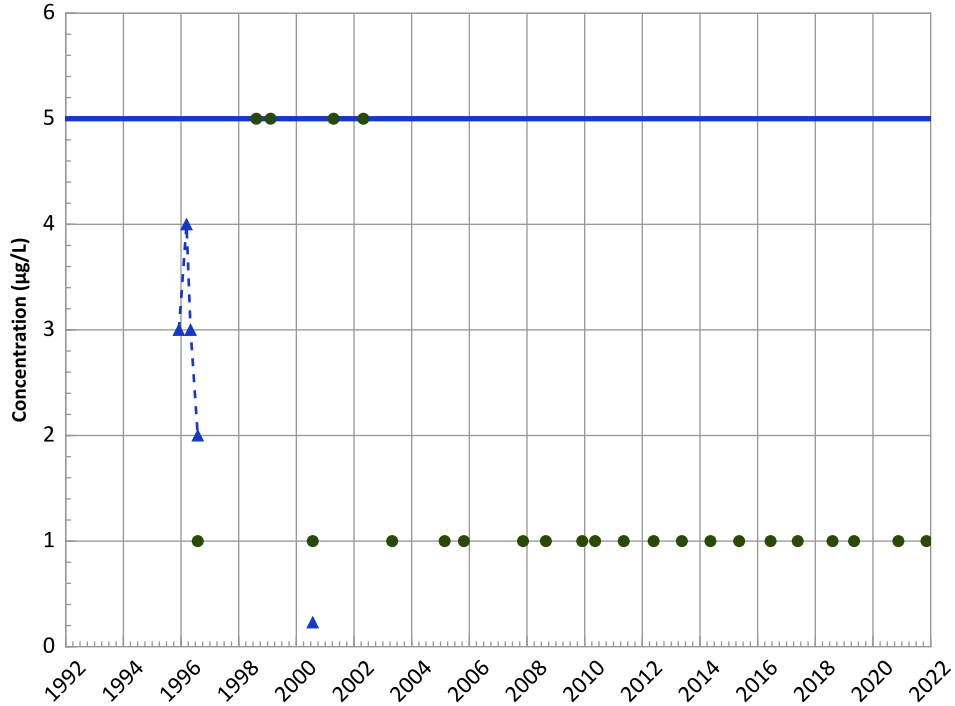


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

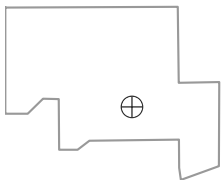
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

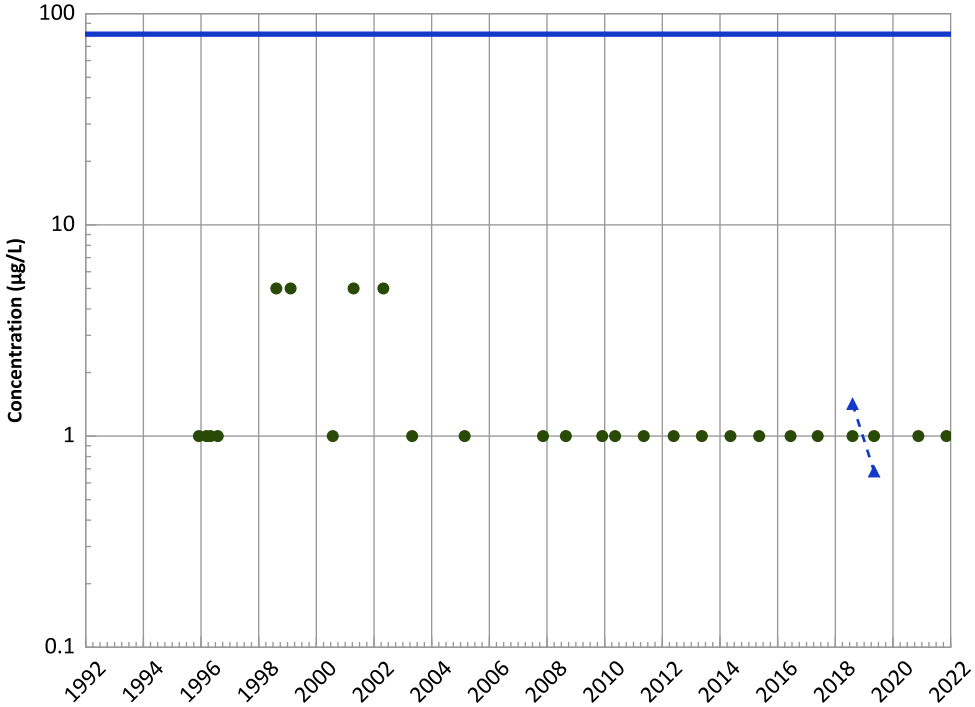
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

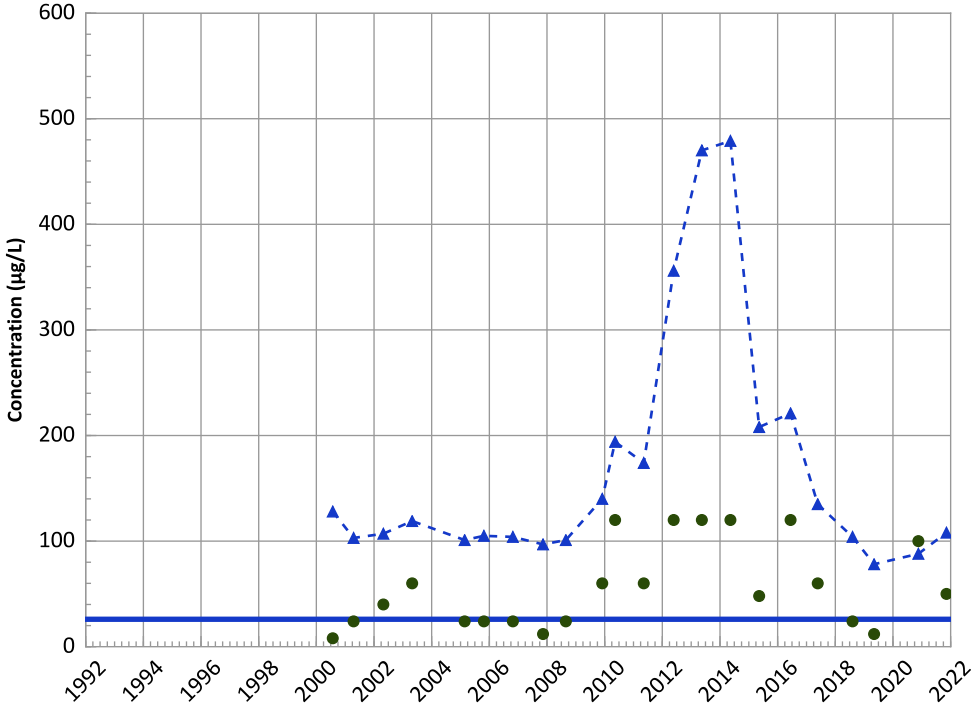


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

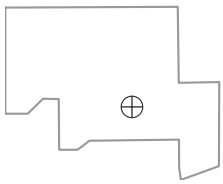
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

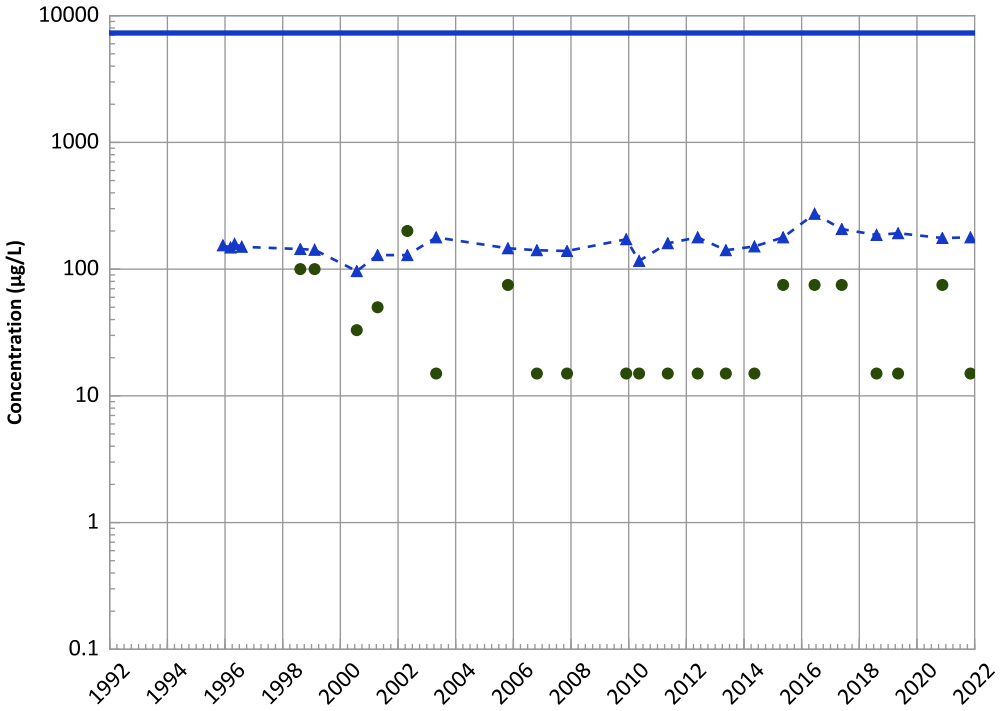
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

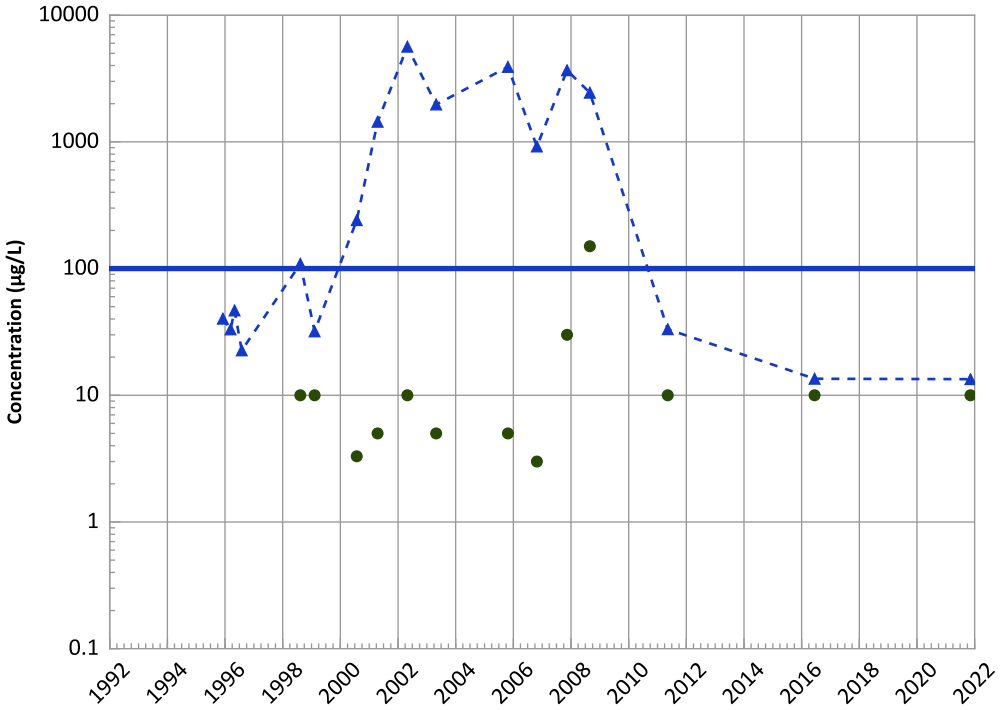


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

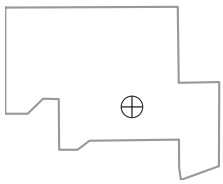
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

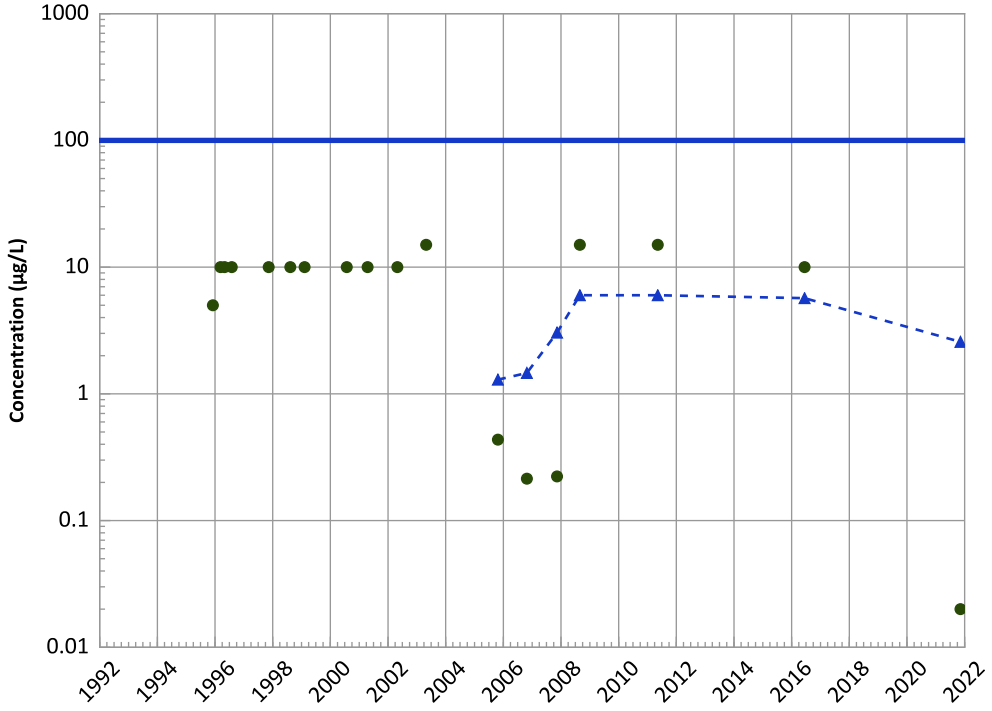
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

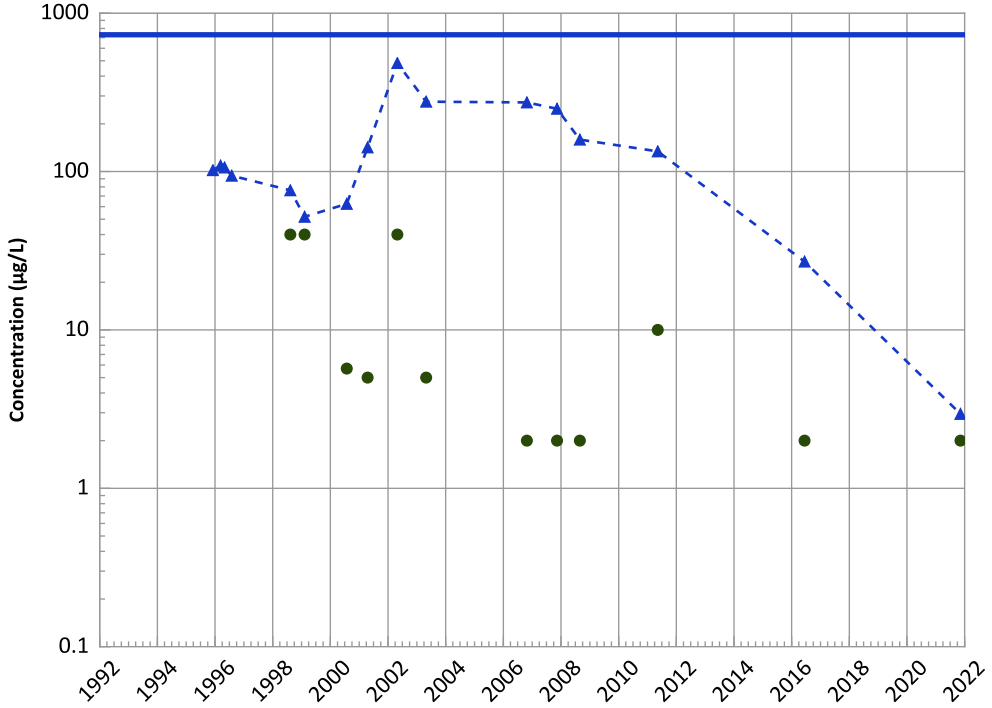


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Nickel Trend



Concentration Trend

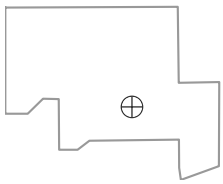
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

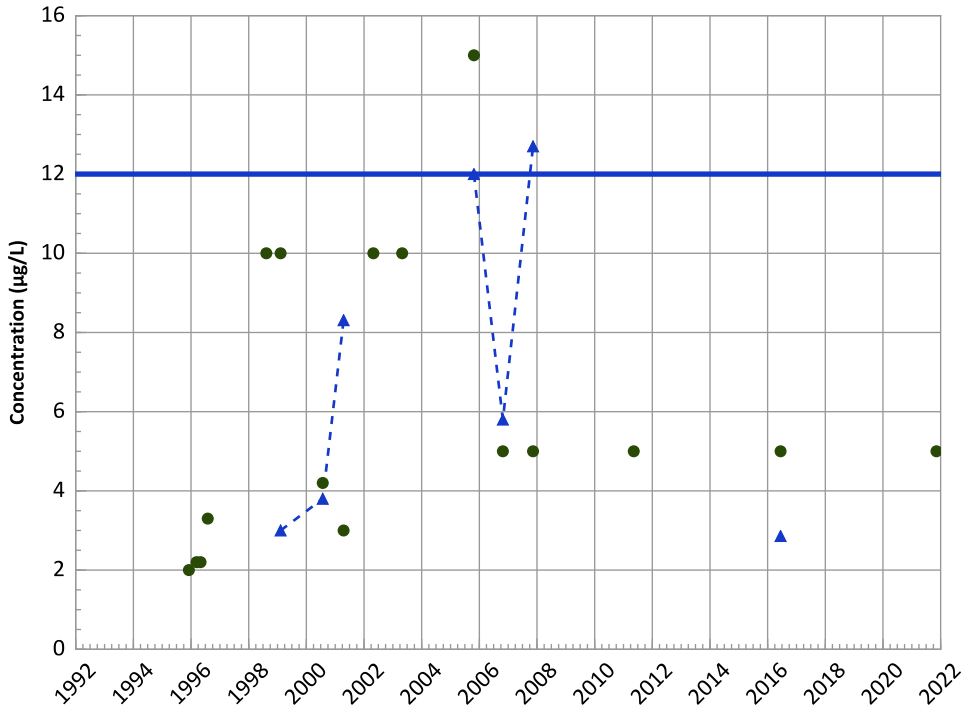
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

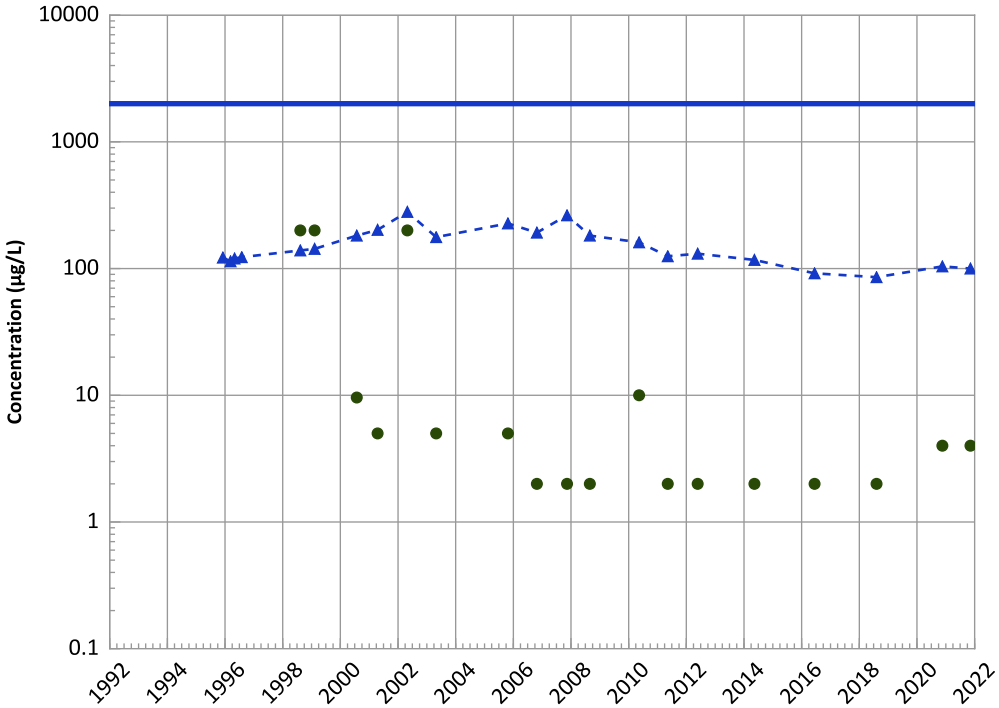


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Barium Trend



Concentration Trend

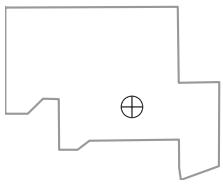
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

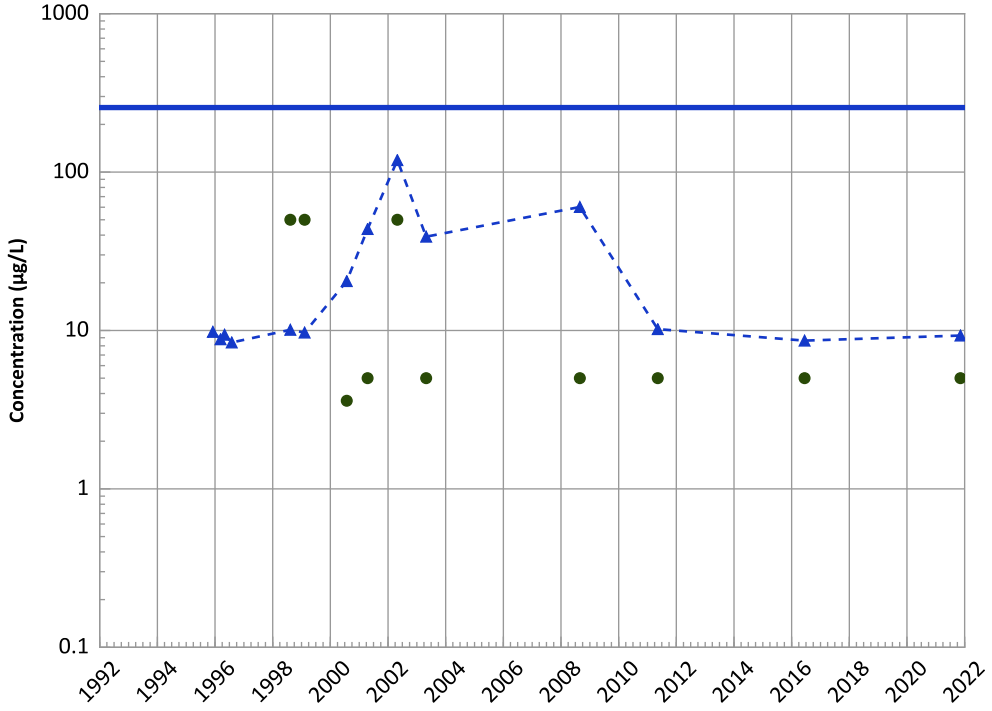
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

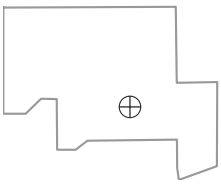
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

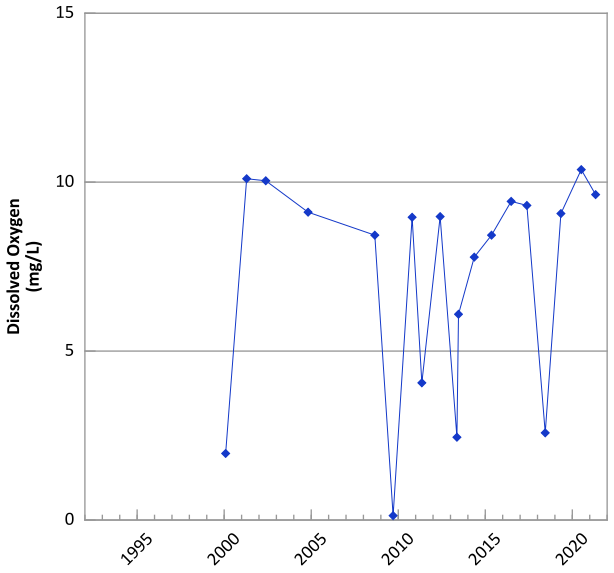
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/05/1995 to 11/09/2021
Analysis Date: 04/05/2022

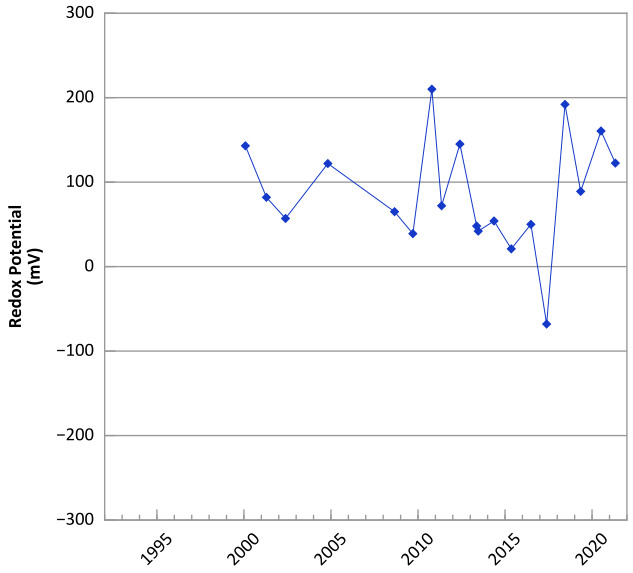
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

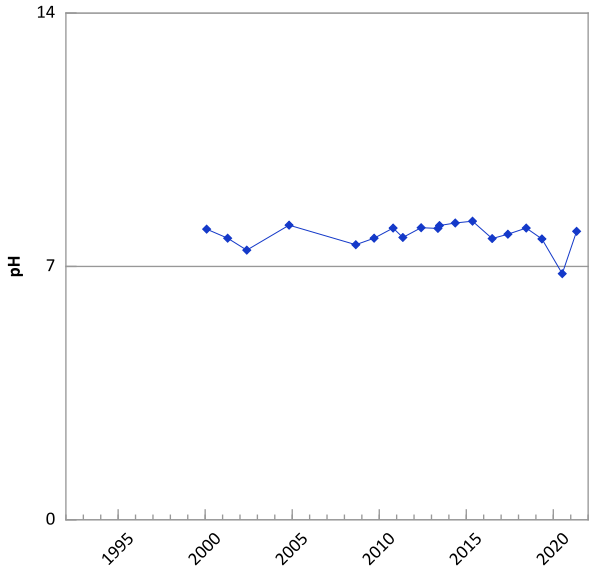
Well Location

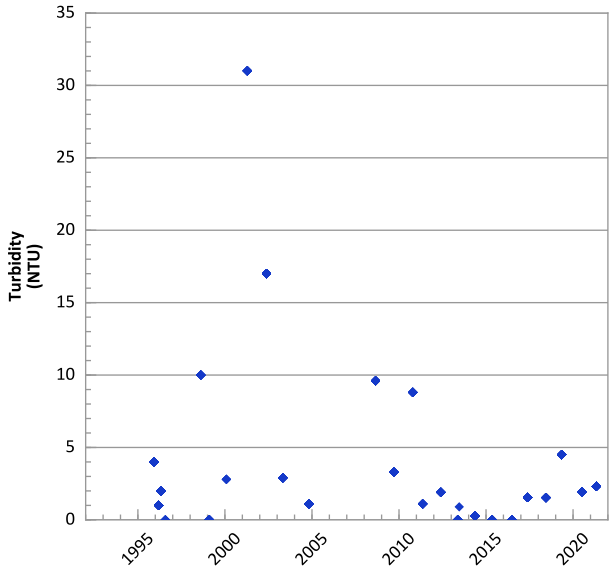


PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



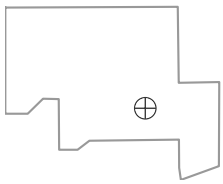






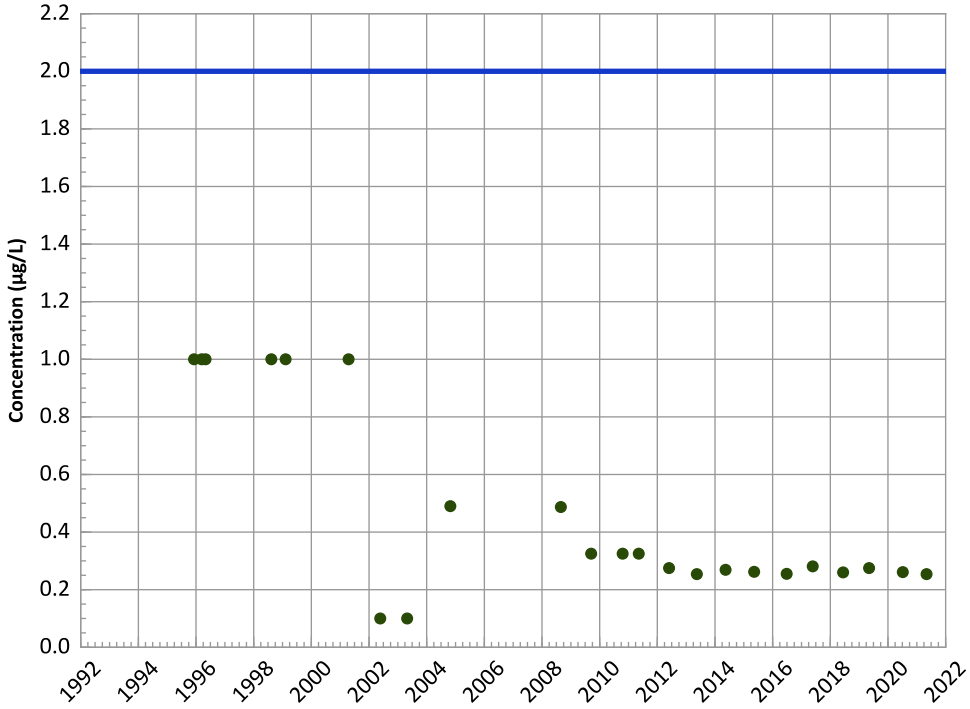
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

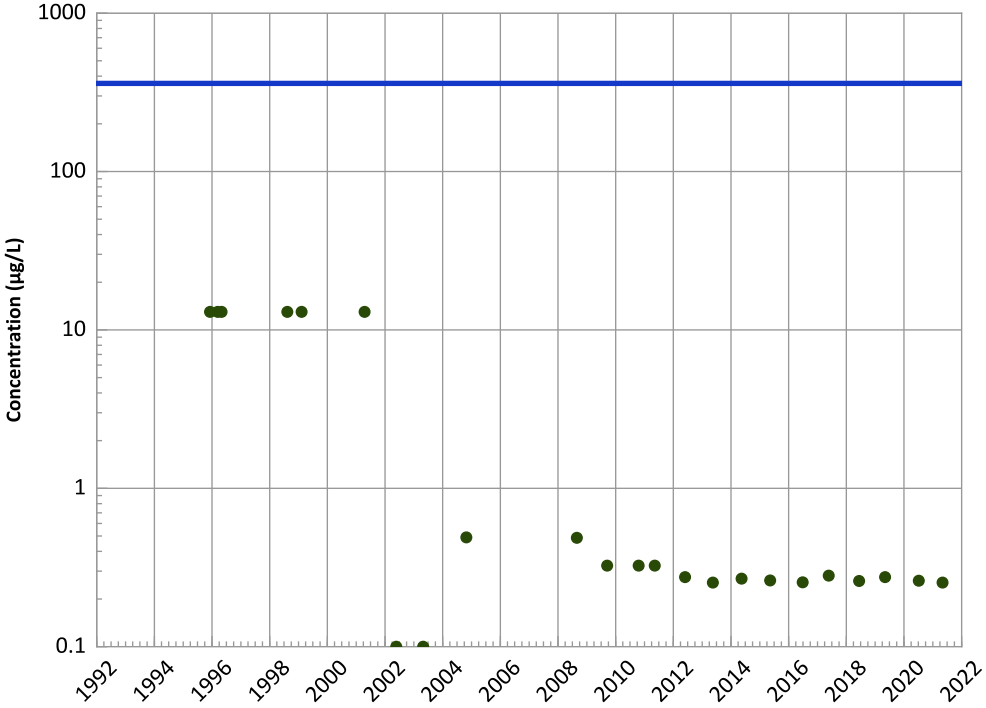


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

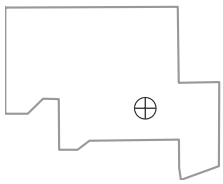
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

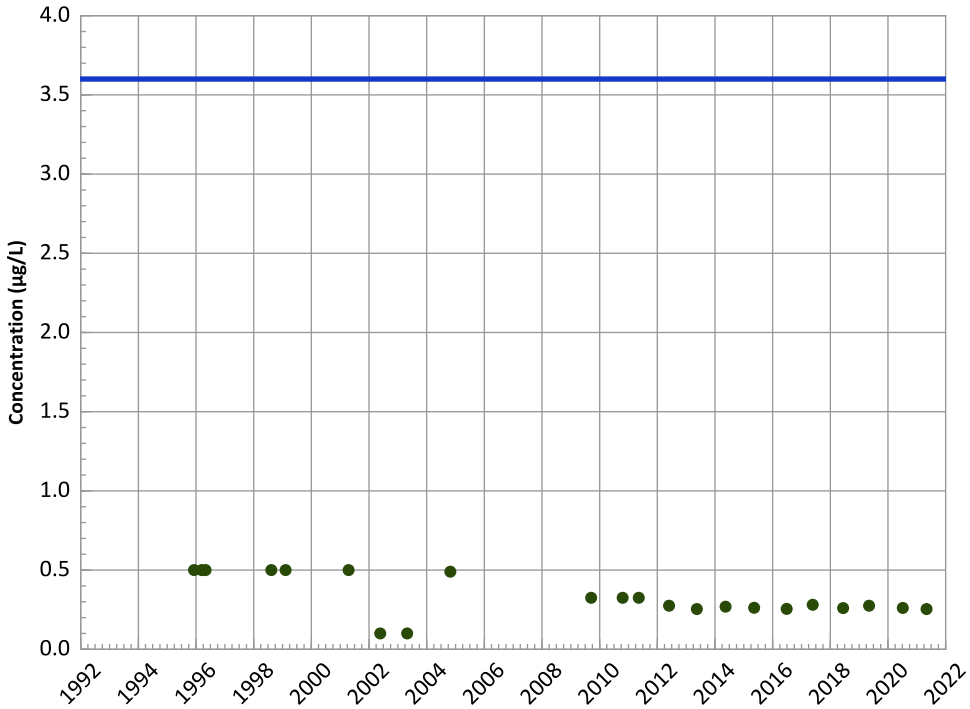
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

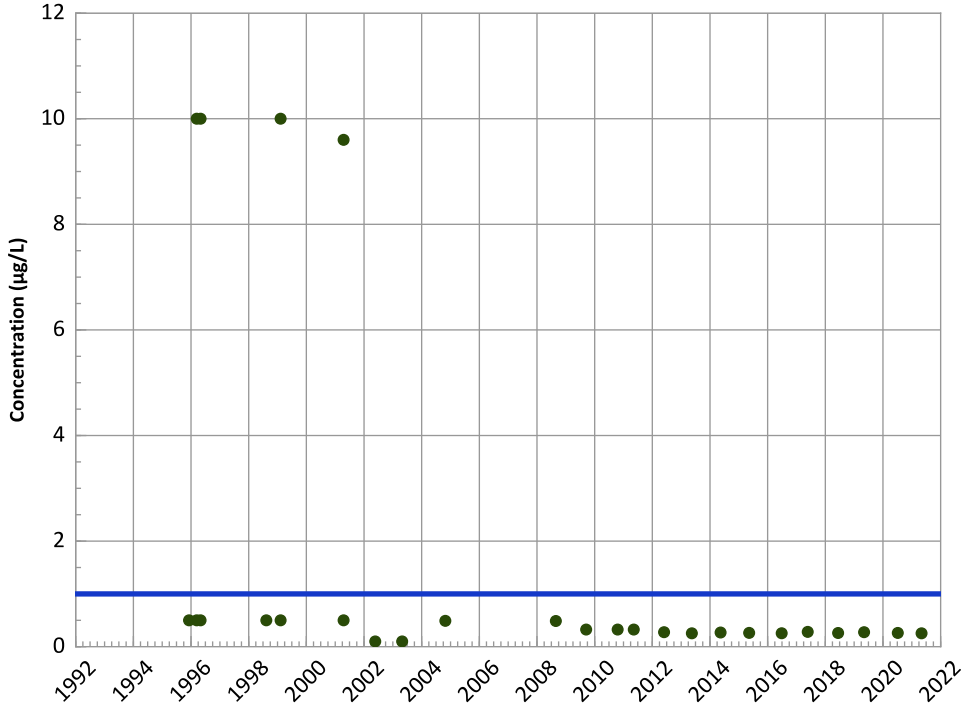


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

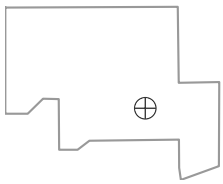
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

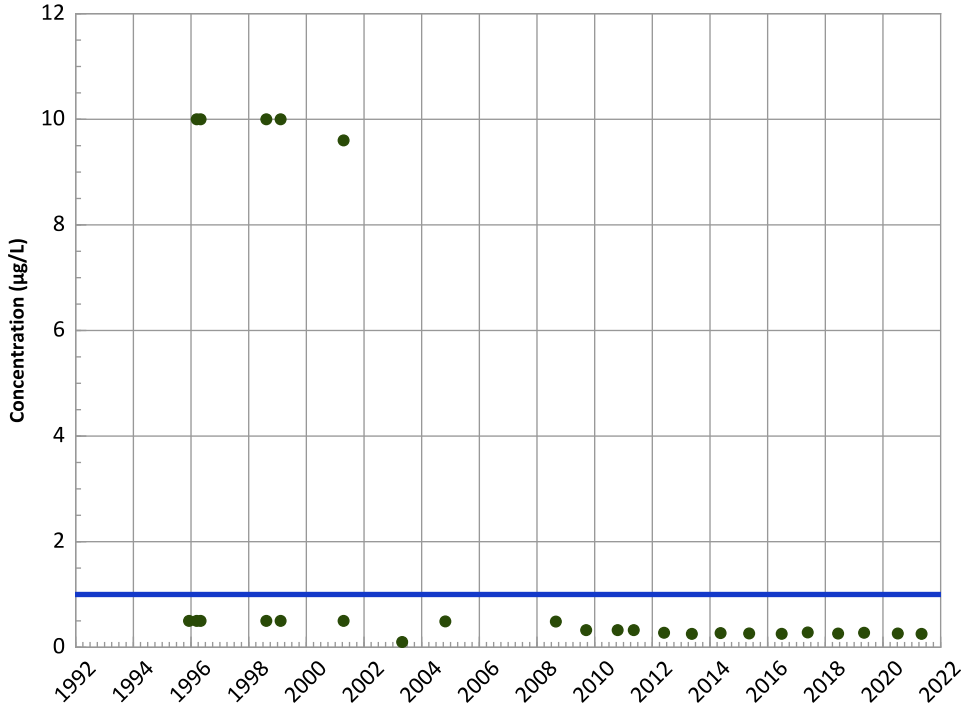
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

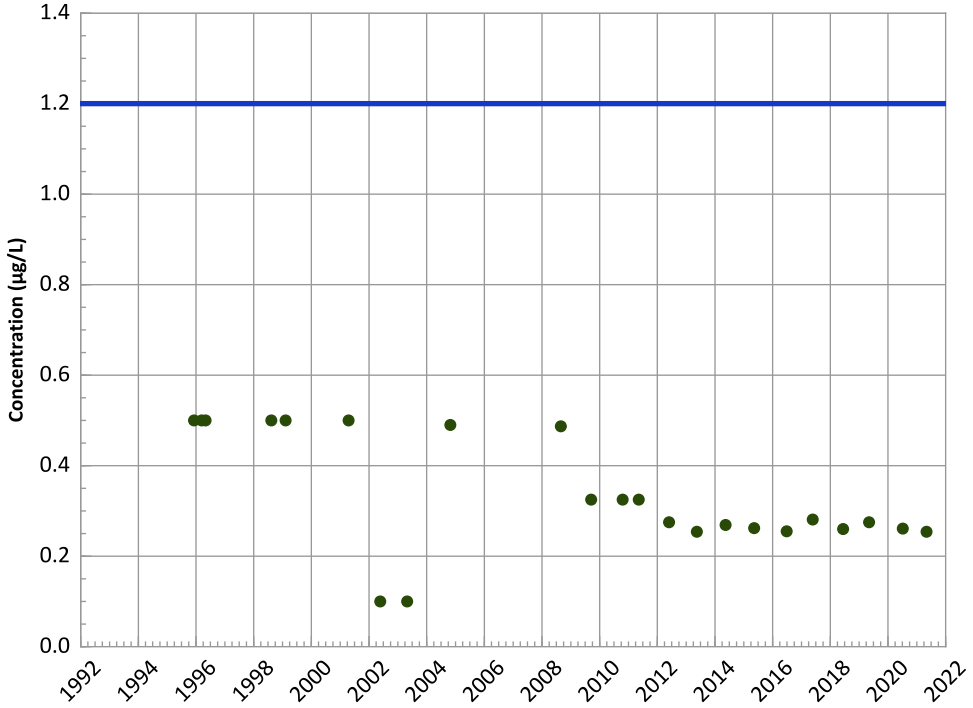


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

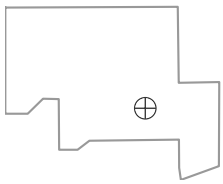
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

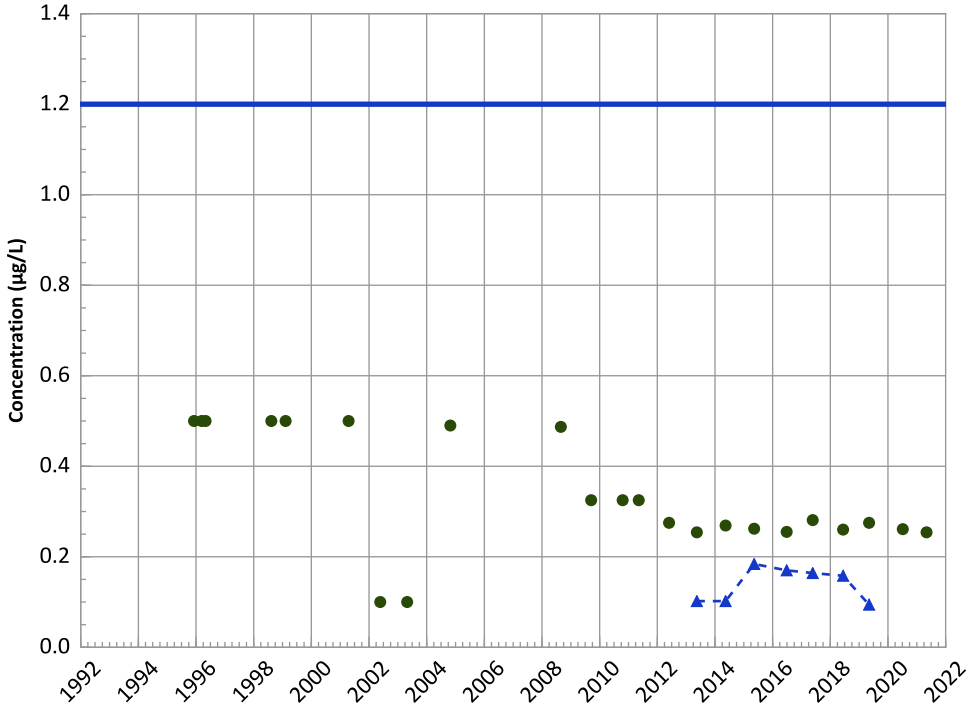
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

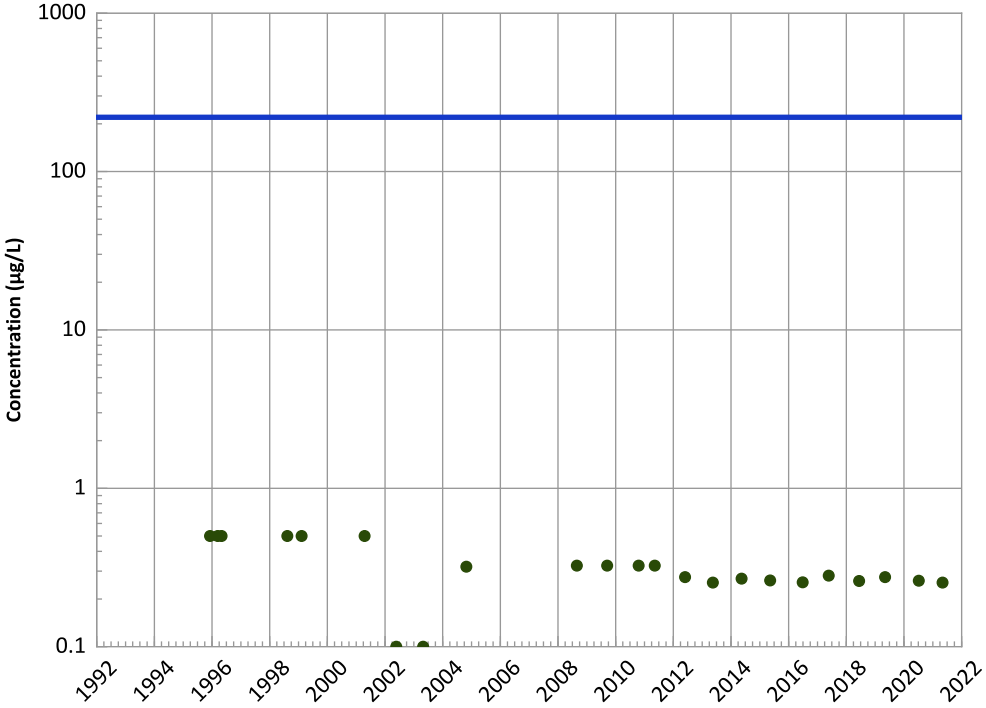


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

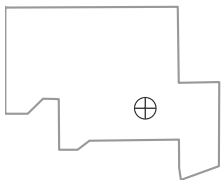
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

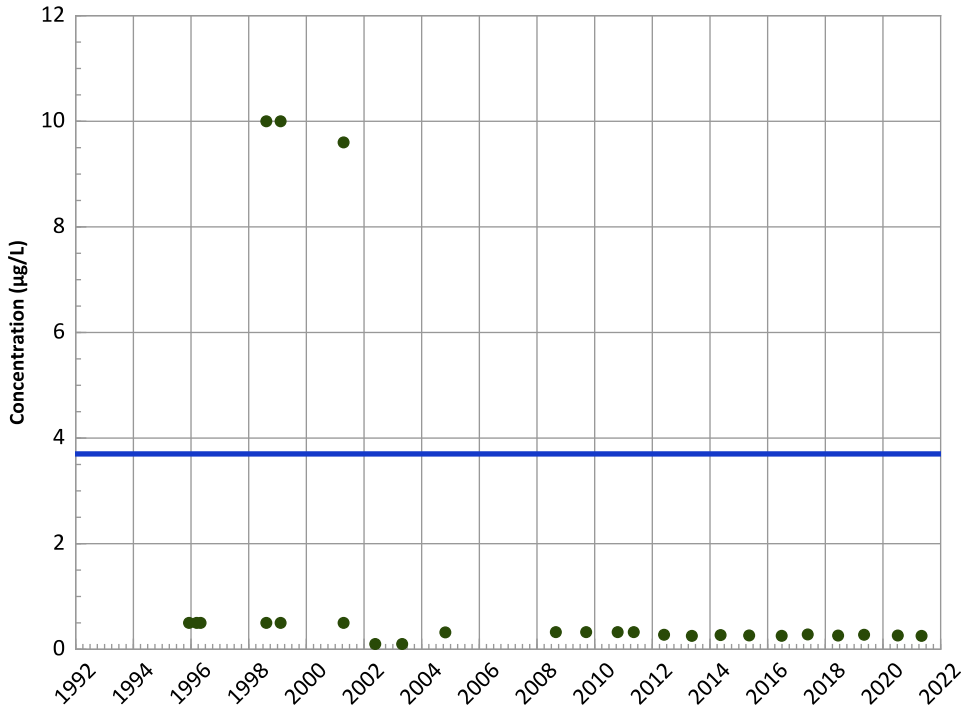
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

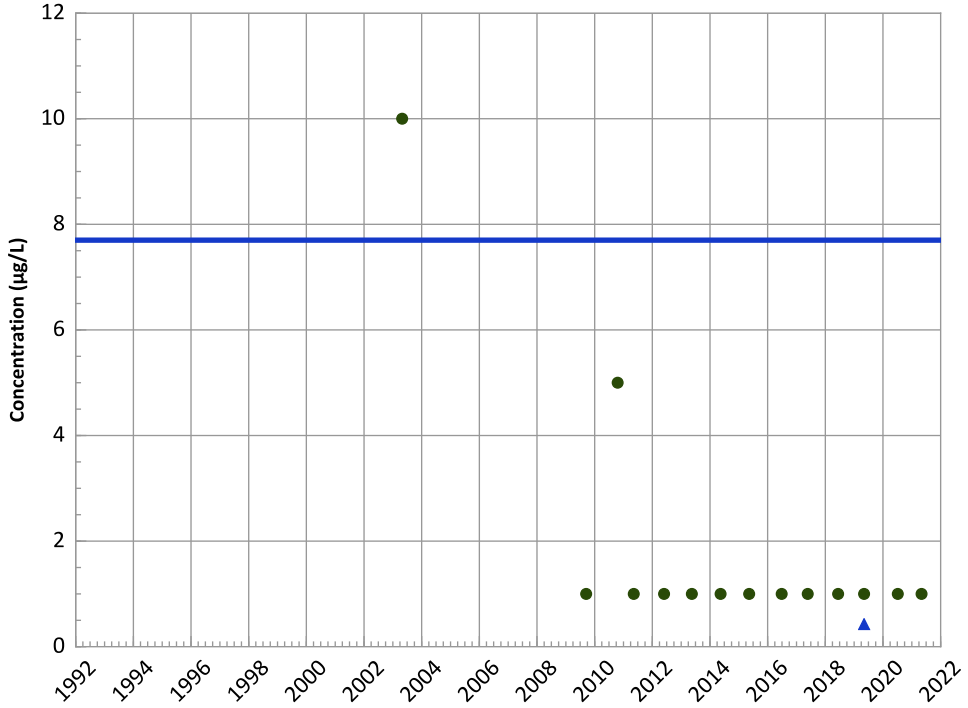


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

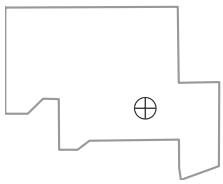


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Well Location

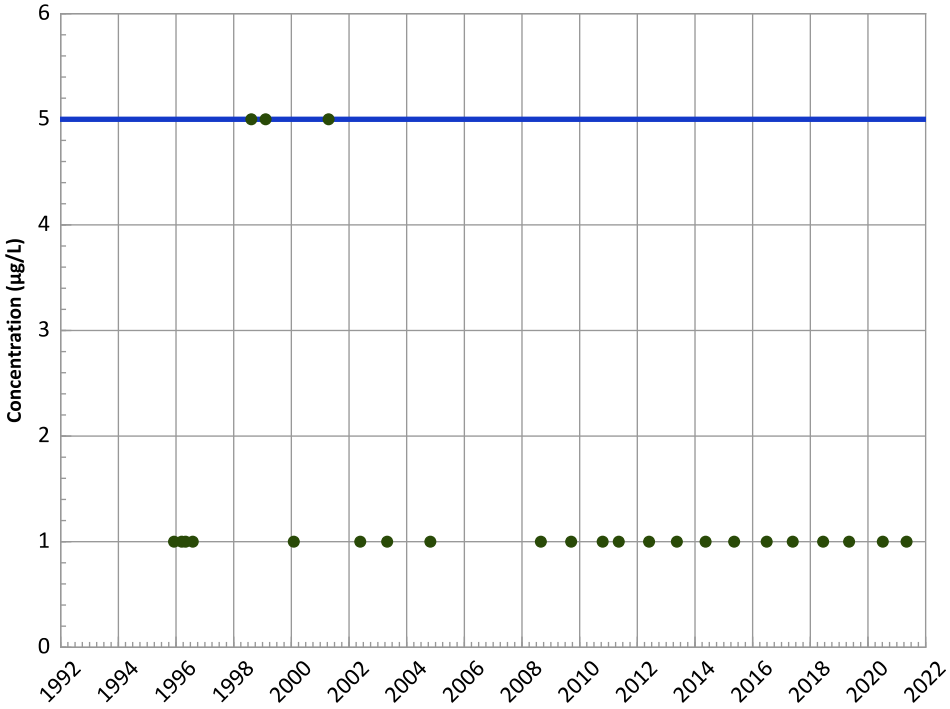


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

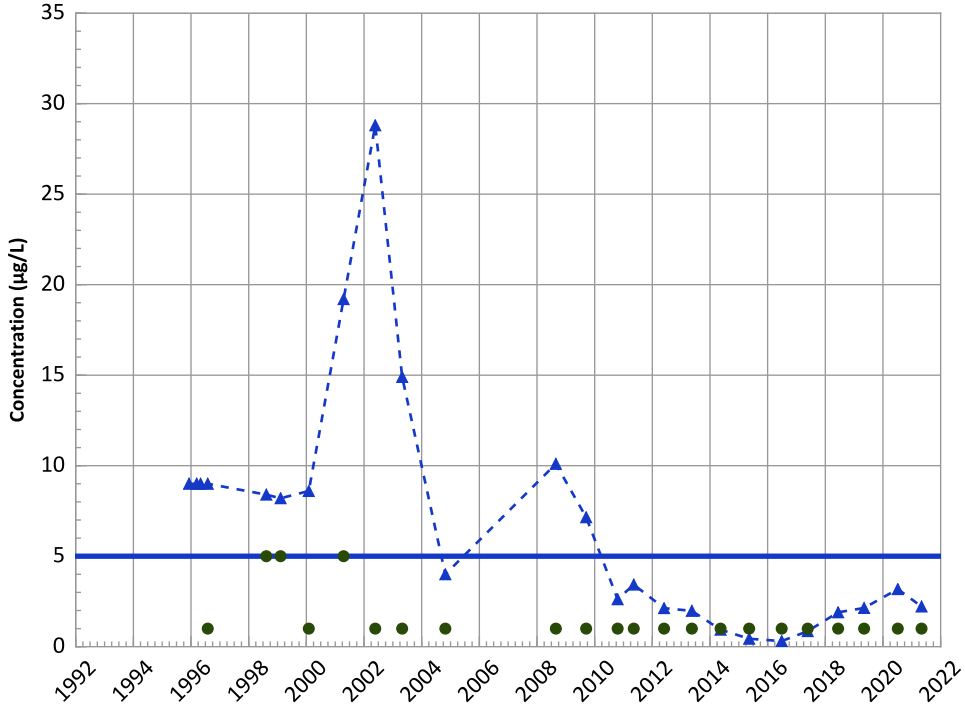


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

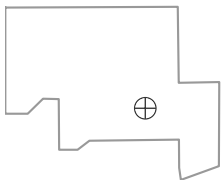
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

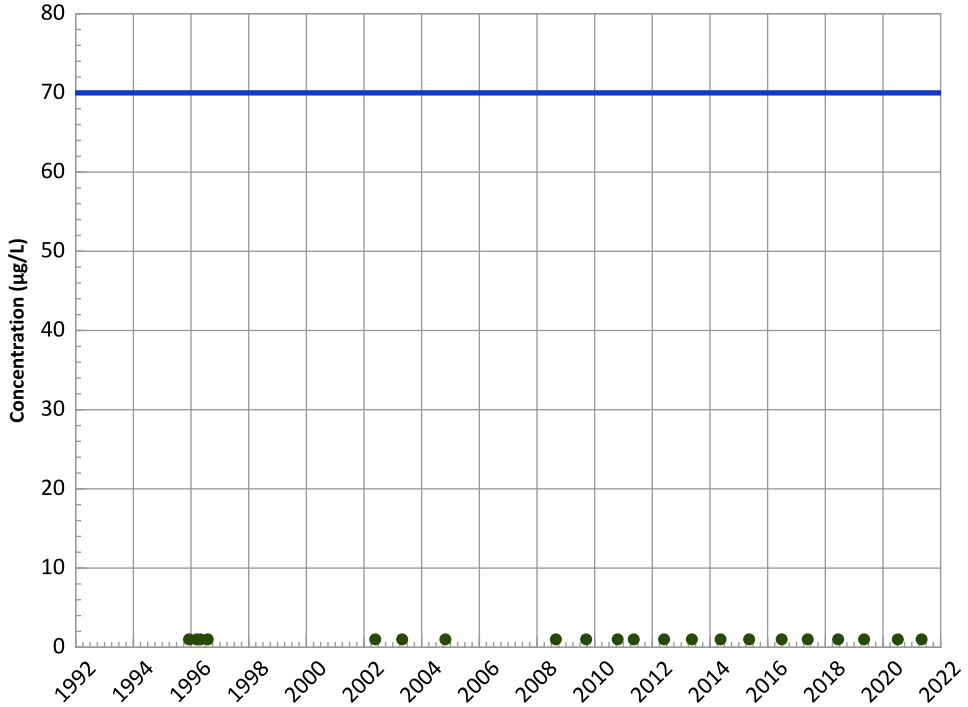
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

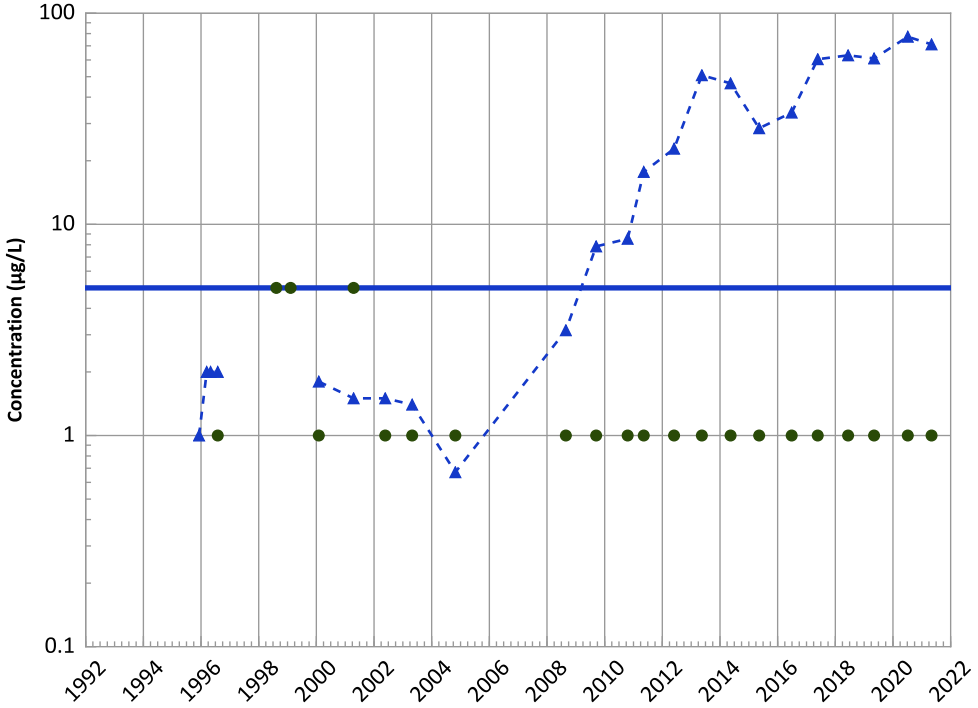


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

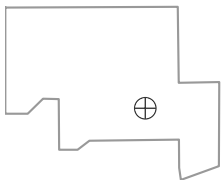
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

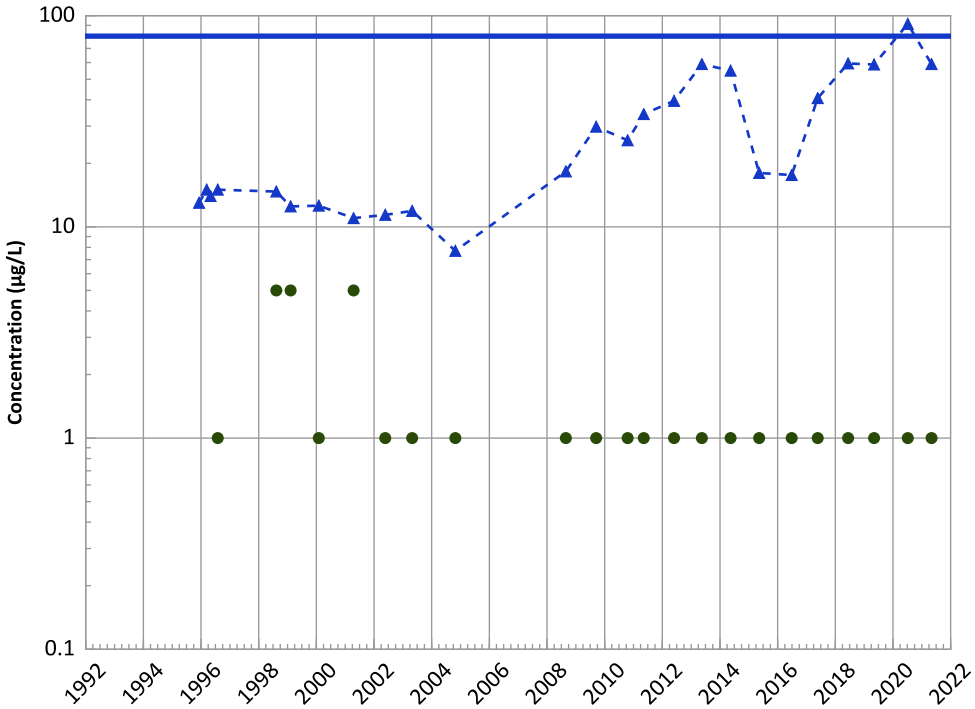
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

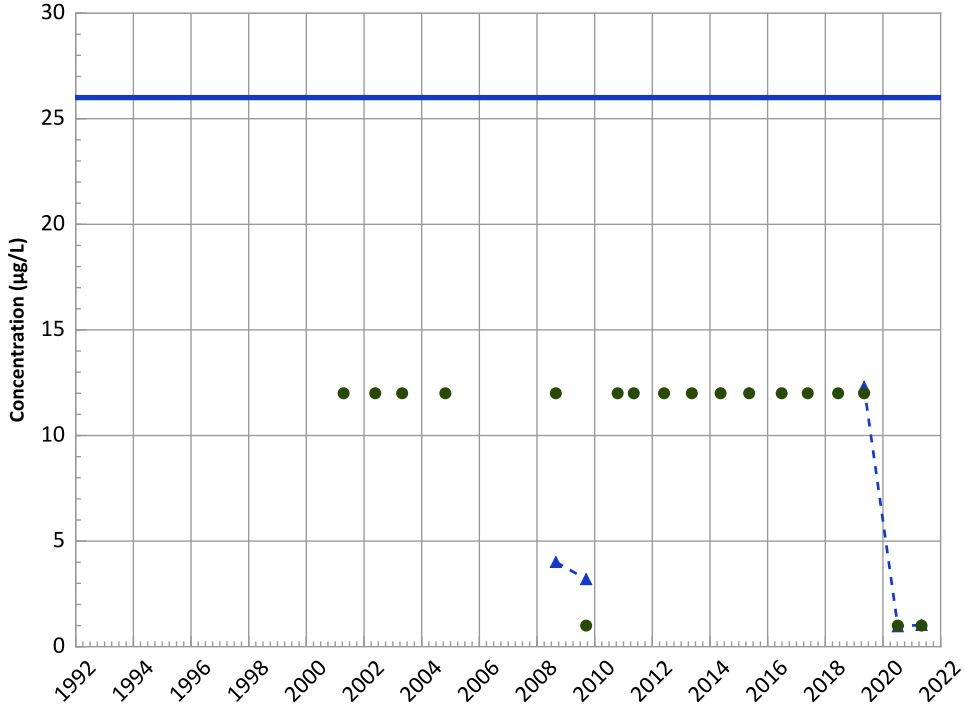


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Perchlorate Trend



Concentration Trend

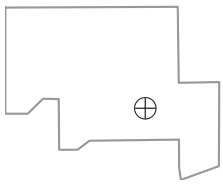
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

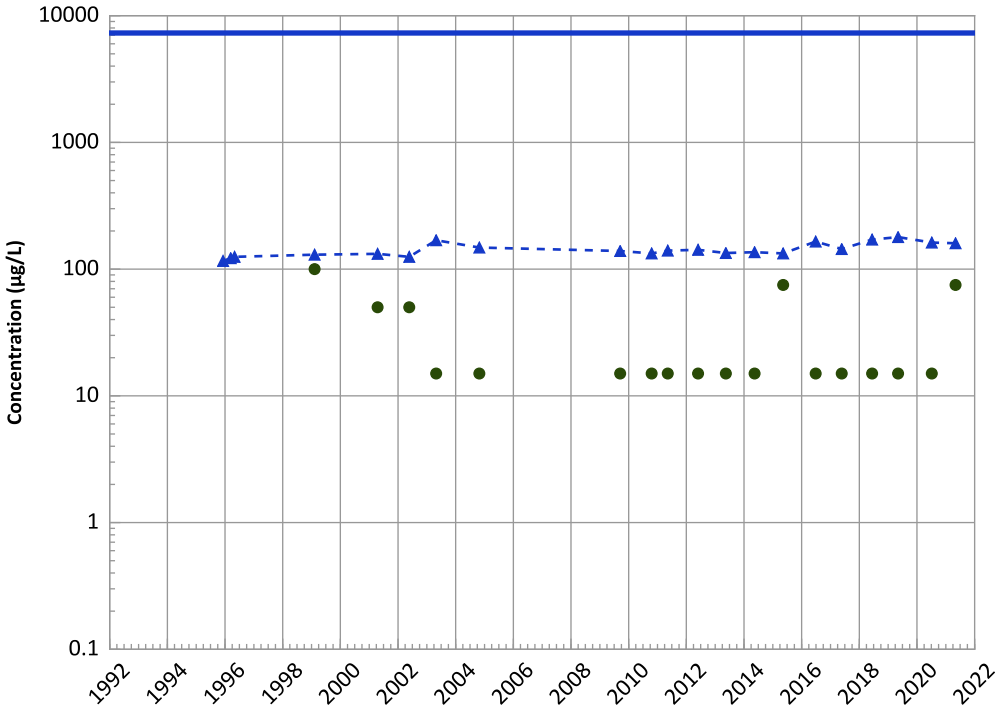
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

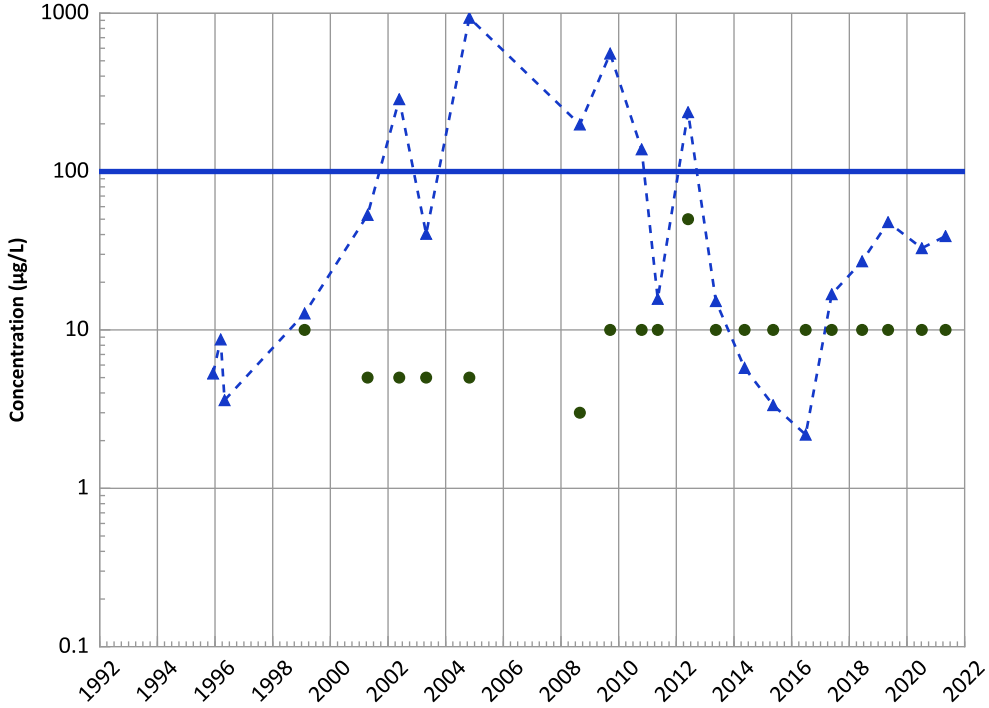


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

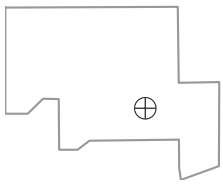
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

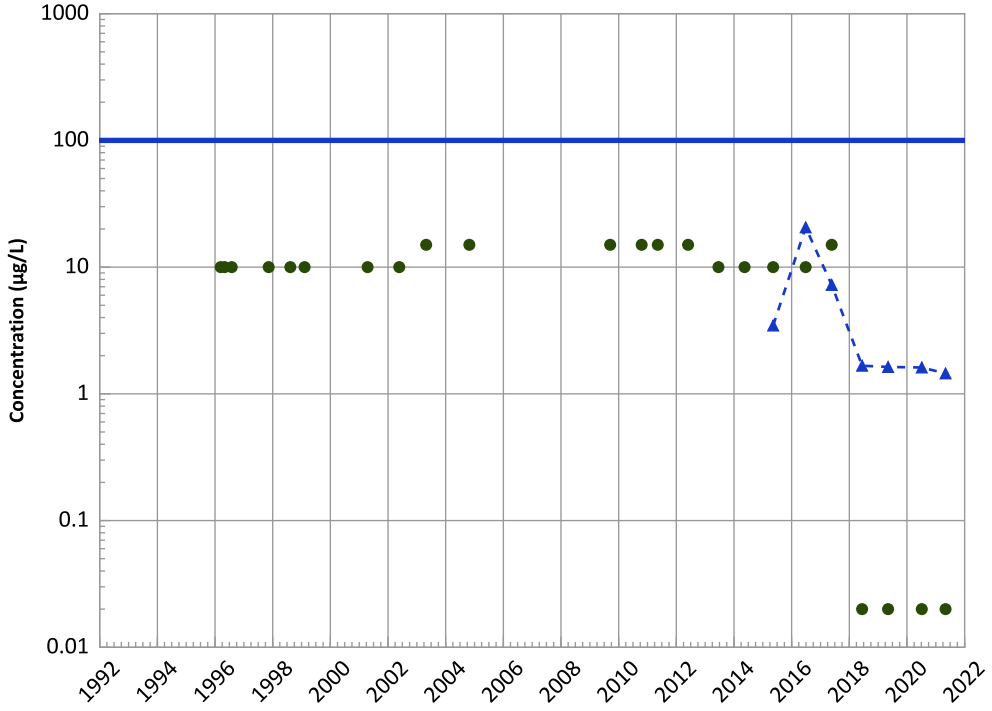
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

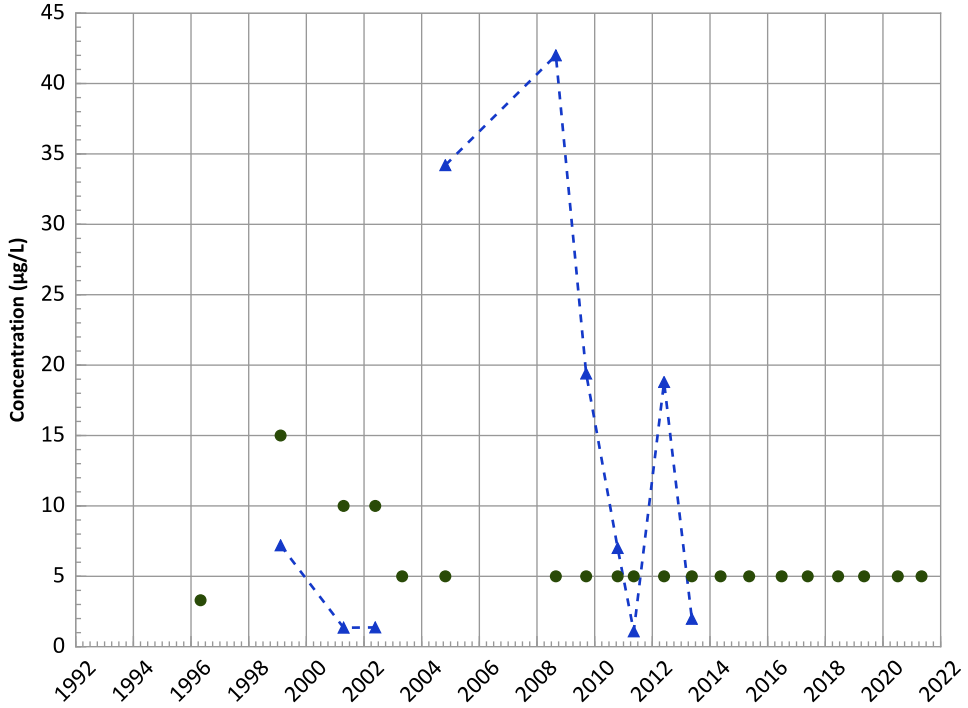


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

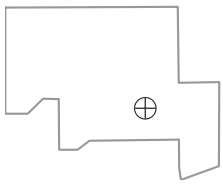
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

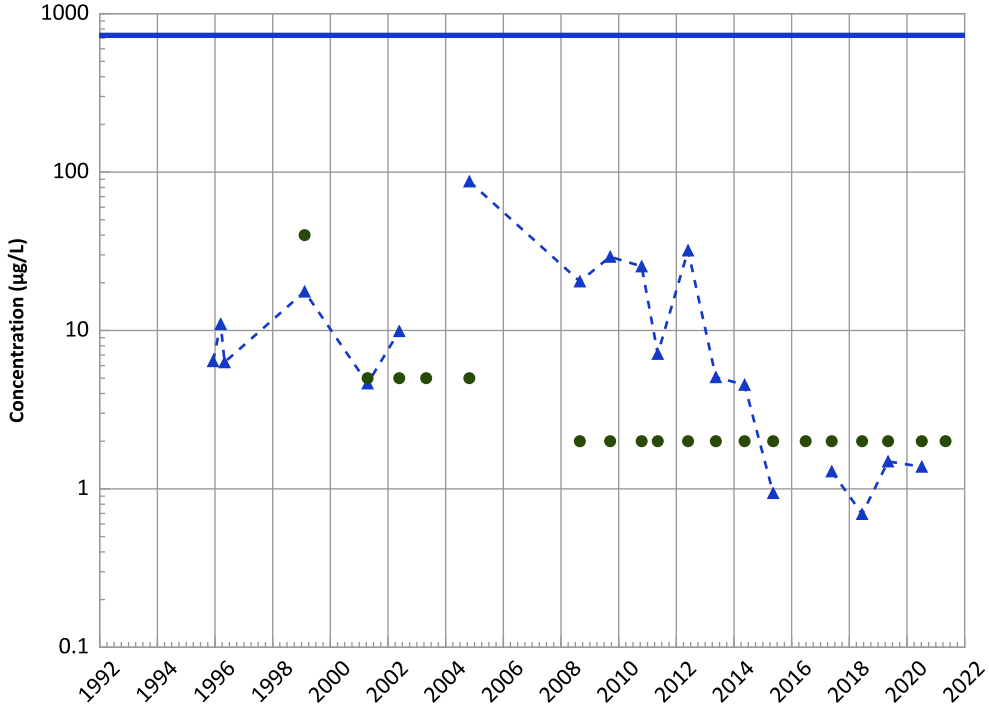
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

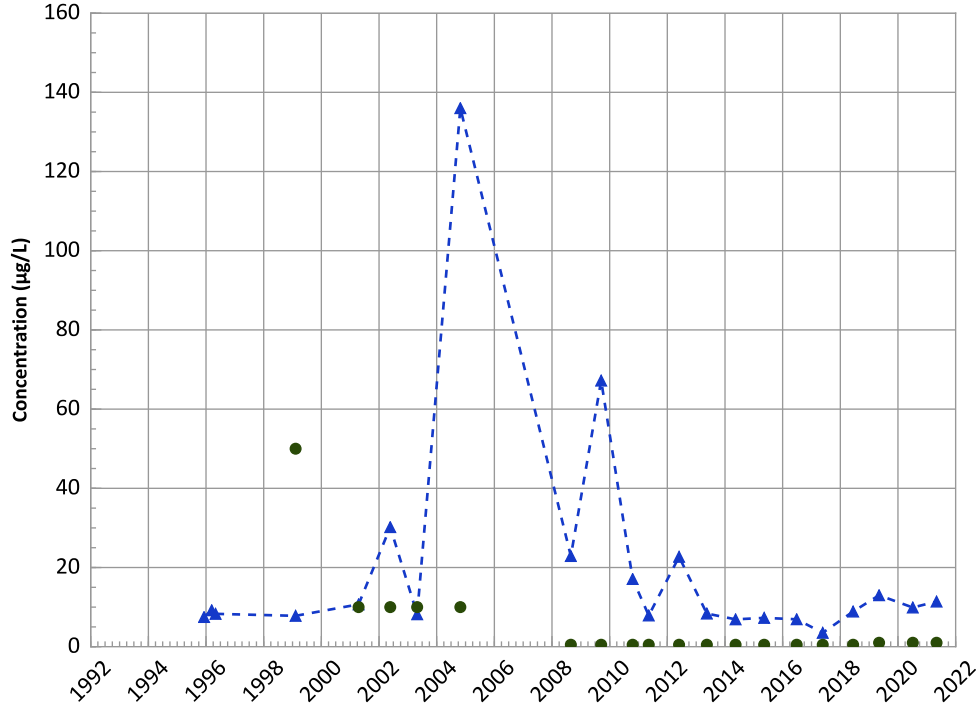


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

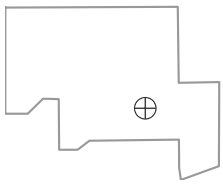
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

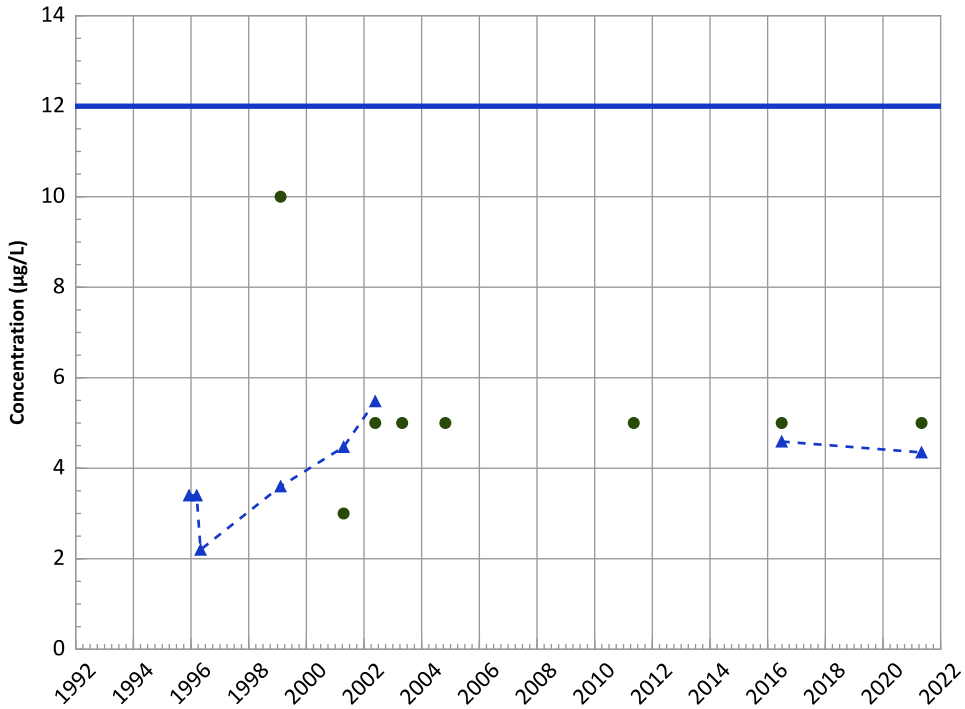
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

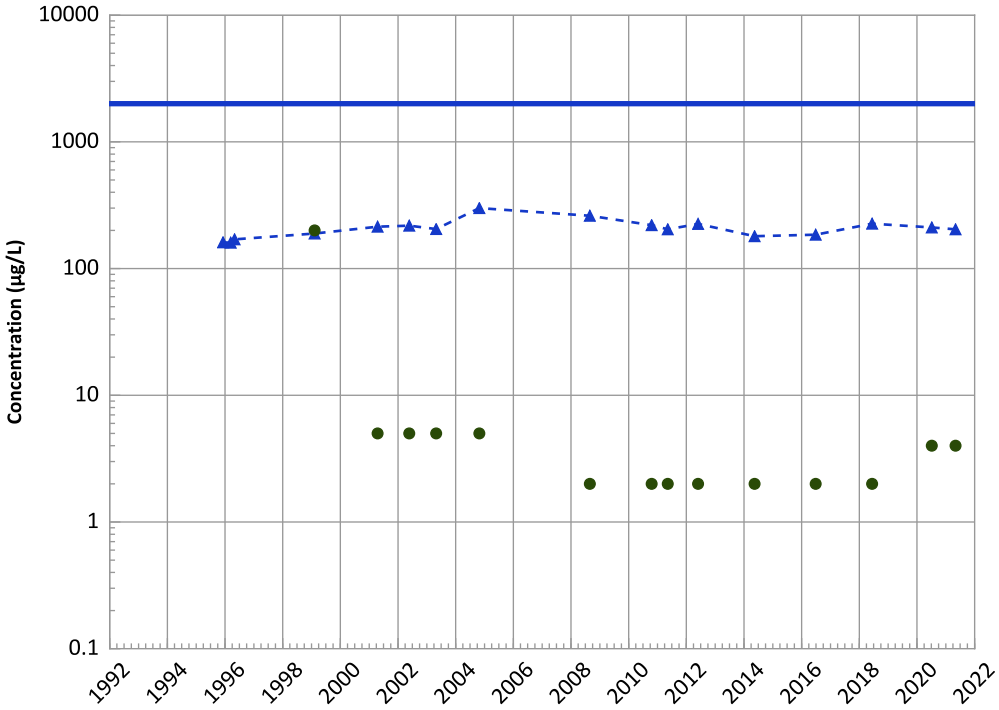


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Barium Trend



Concentration Trend

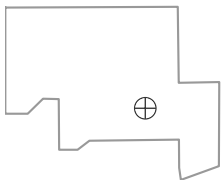
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

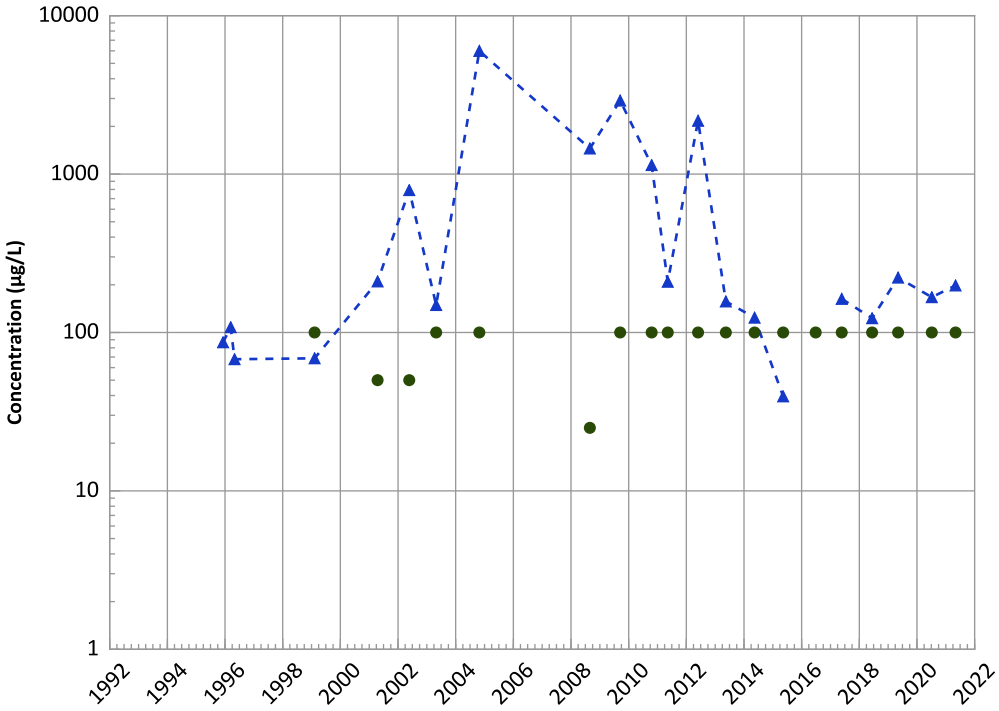
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

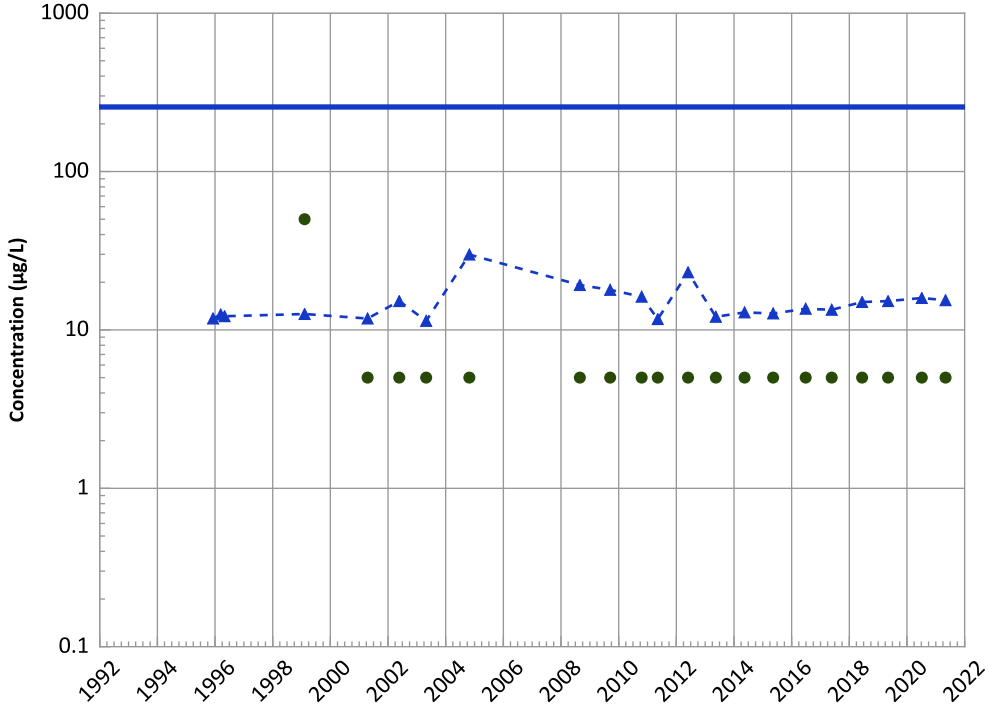


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Vanadium Trend



Concentration Trend

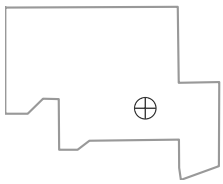
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

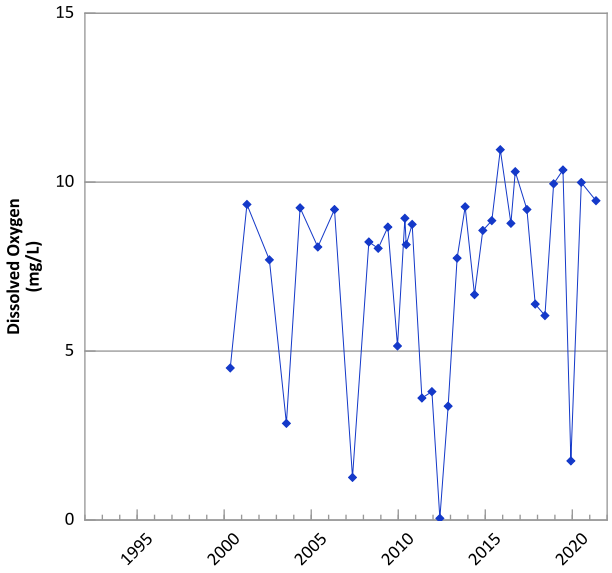
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/07/1995 to 05/04/2021
Analysis Date: 04/05/2022

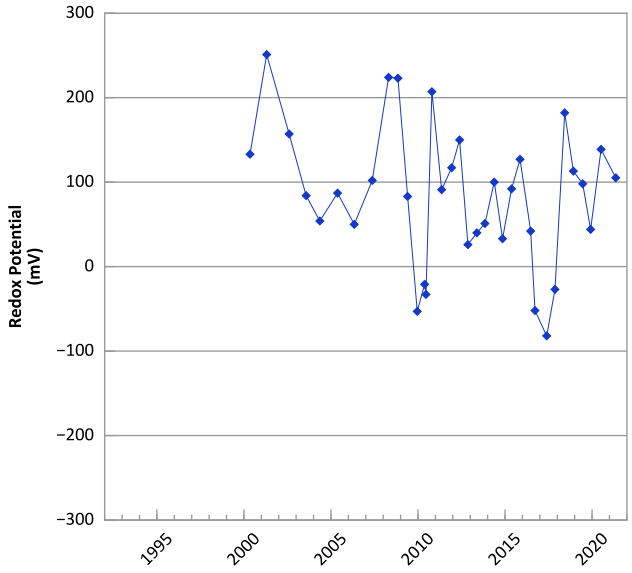
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

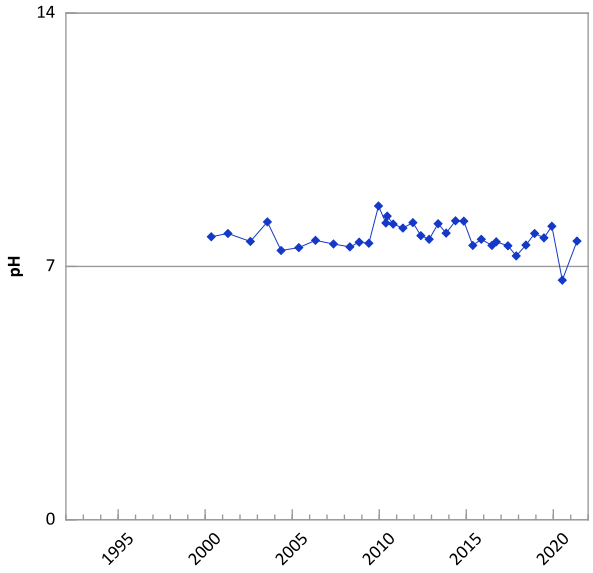
Well Location

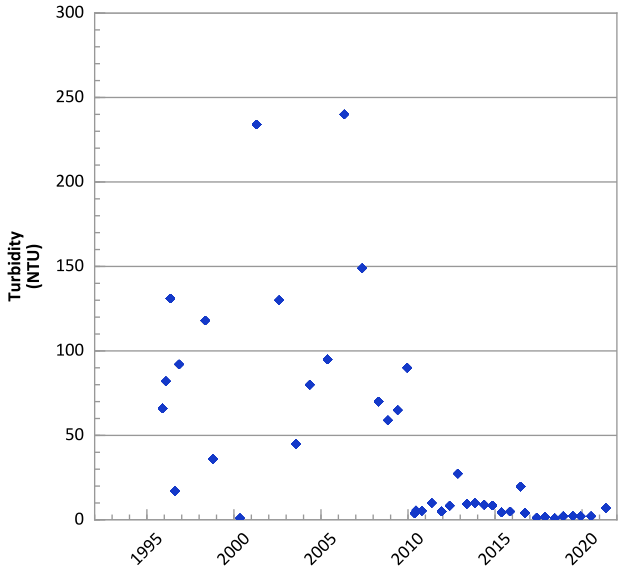


PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



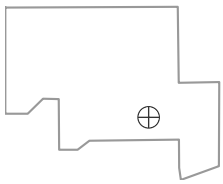






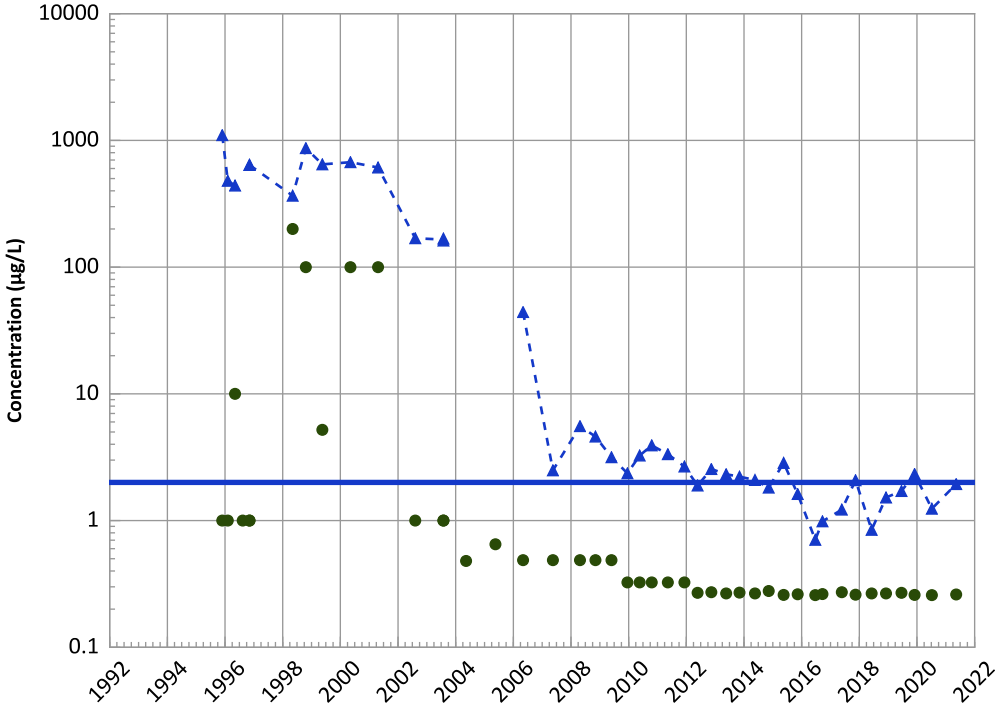
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

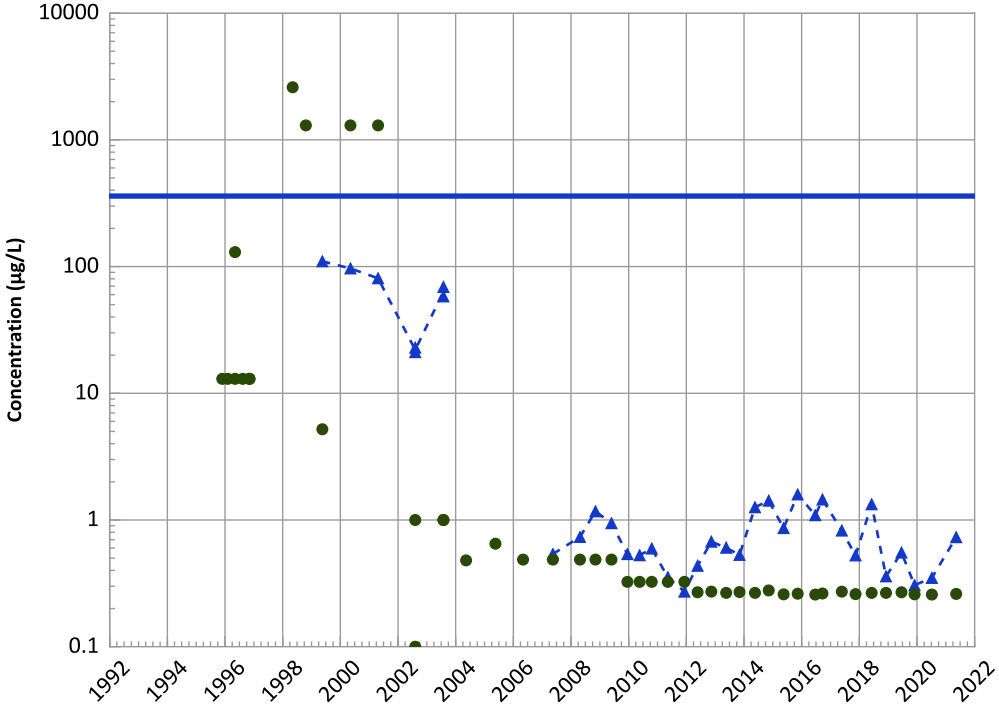


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

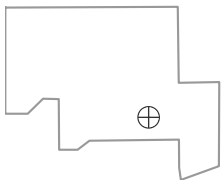
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

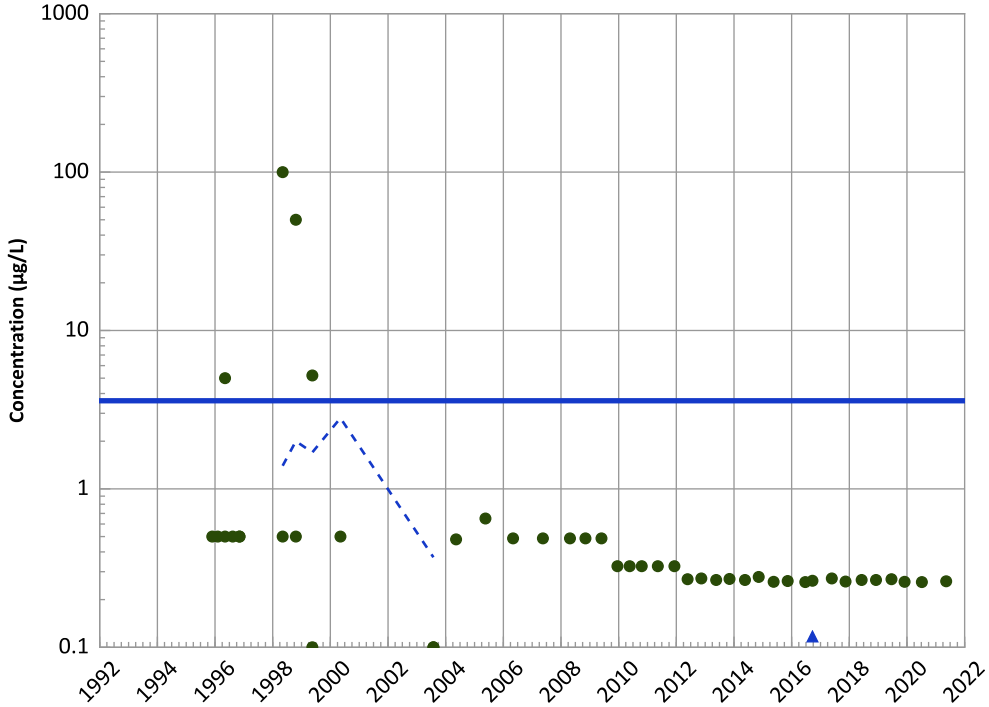
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

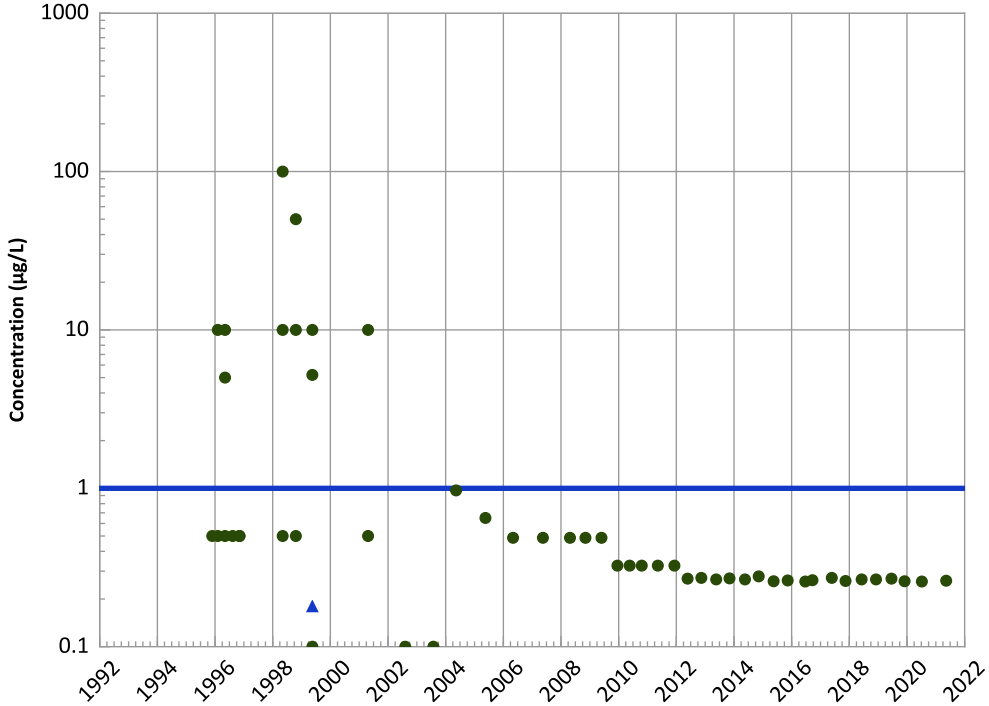


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

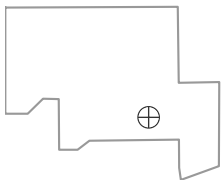
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

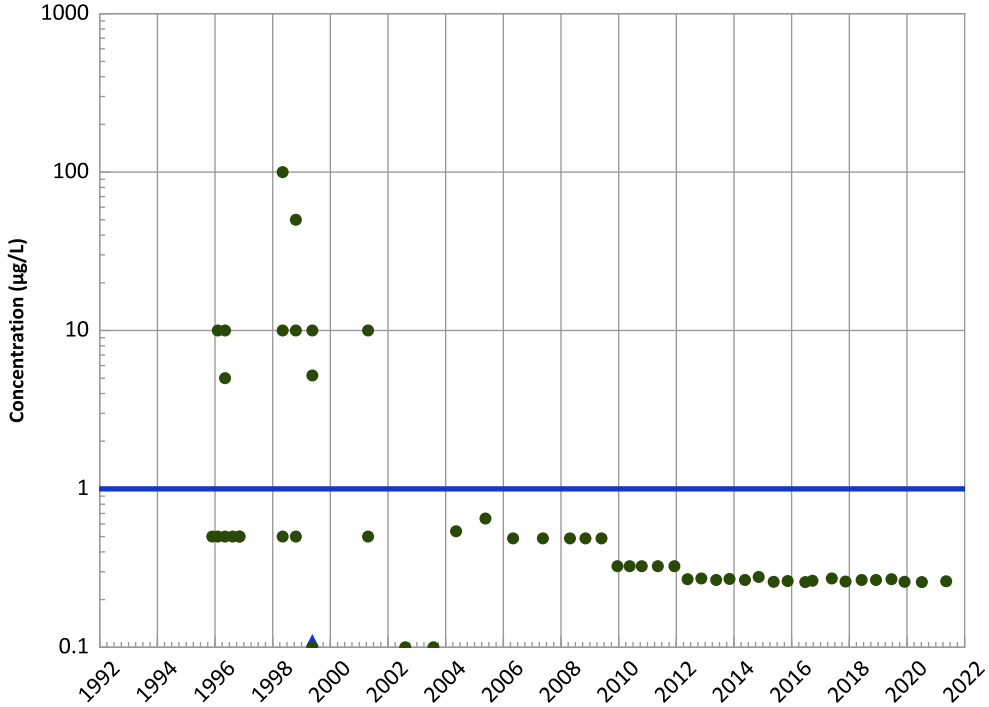
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

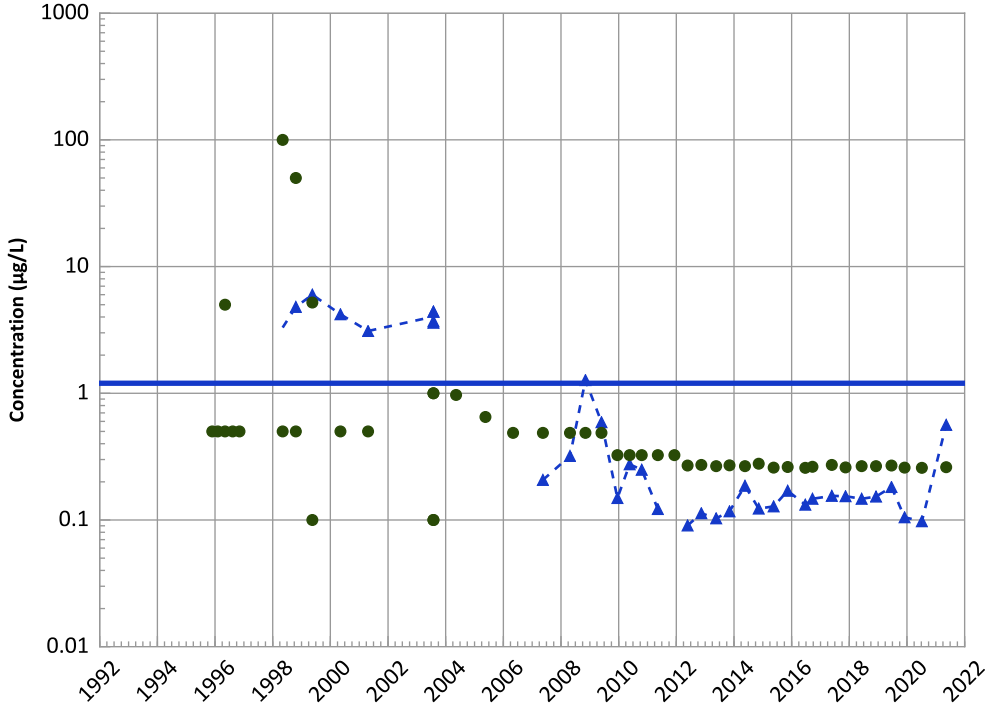


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

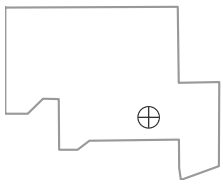
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

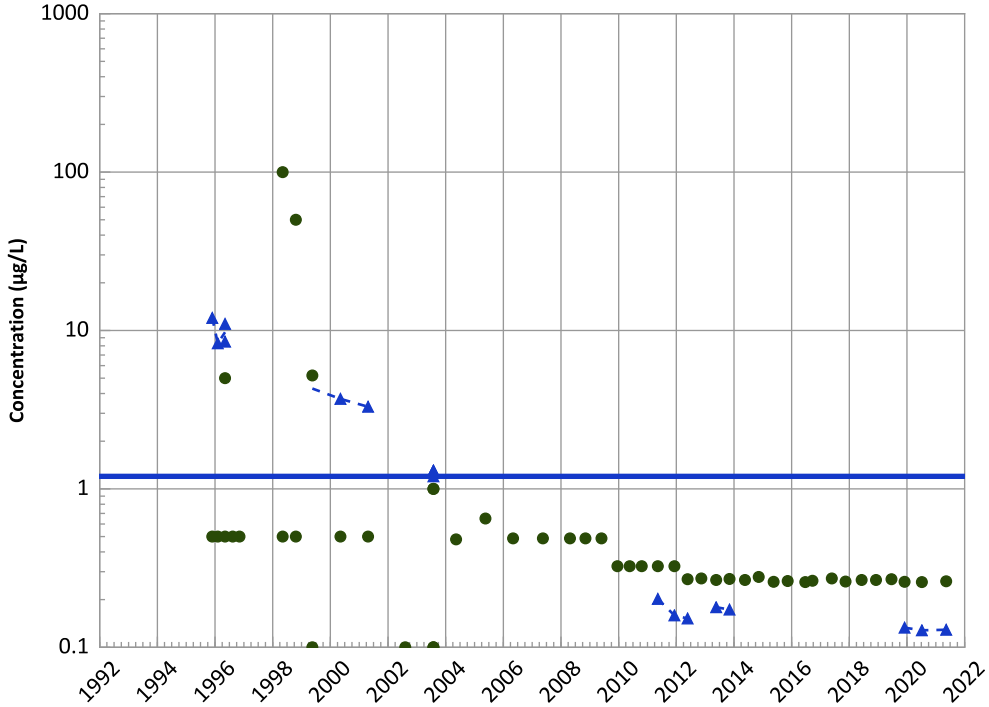
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

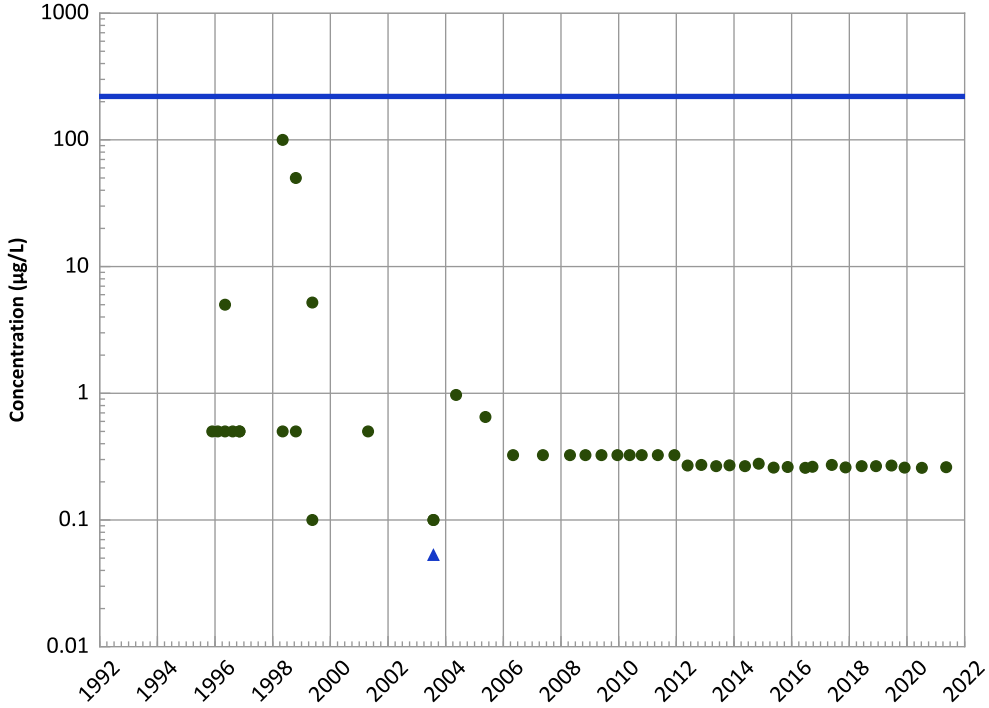


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

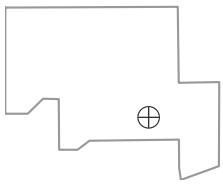
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

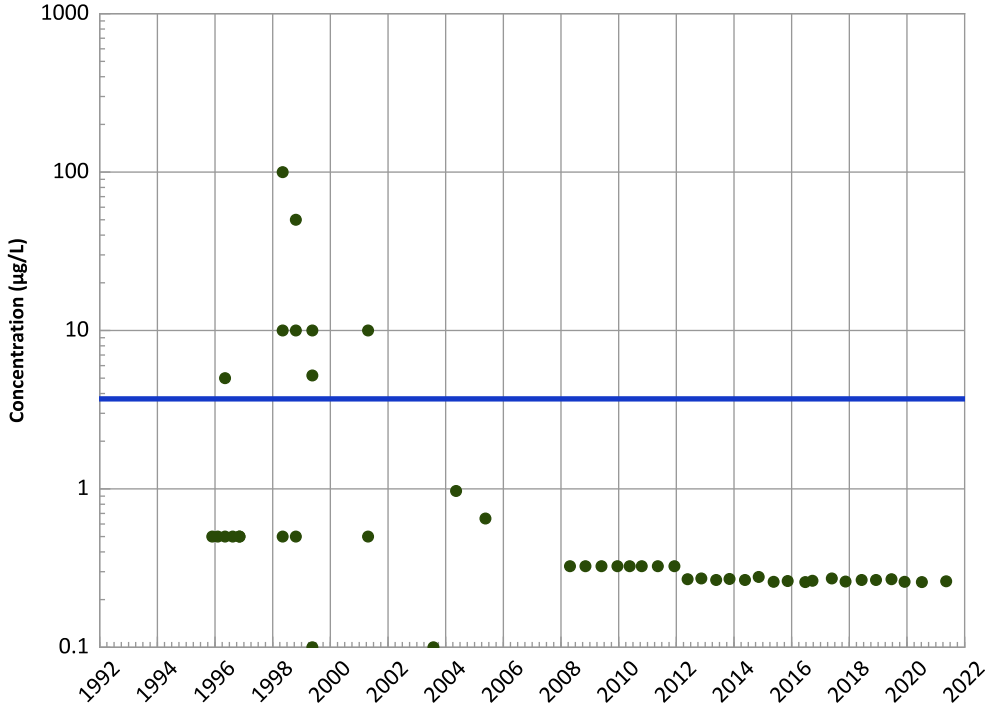
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

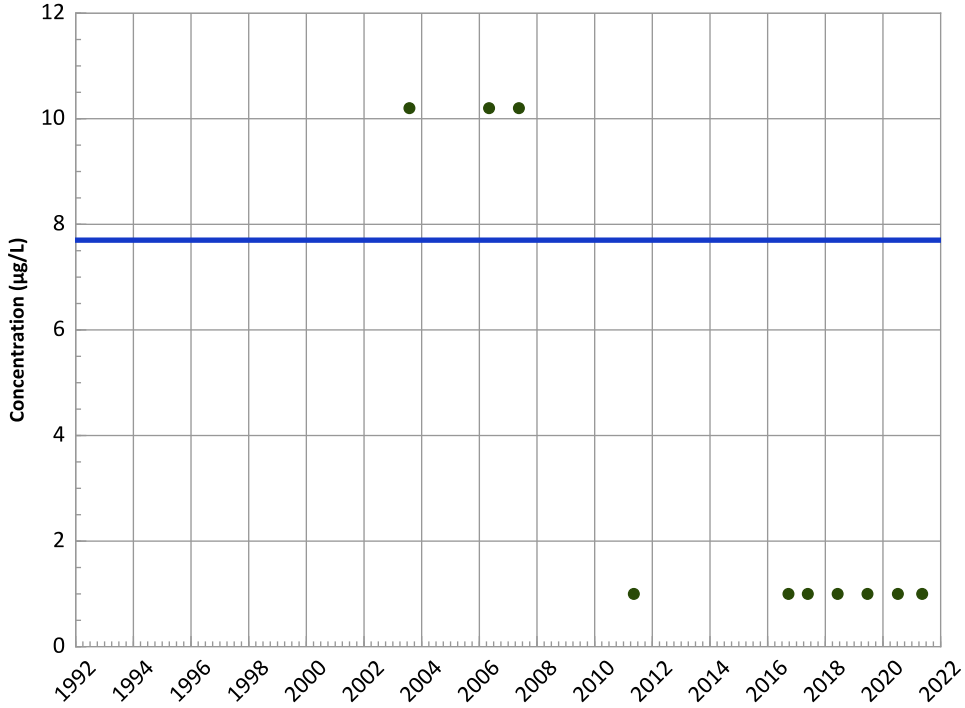


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

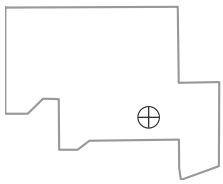
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

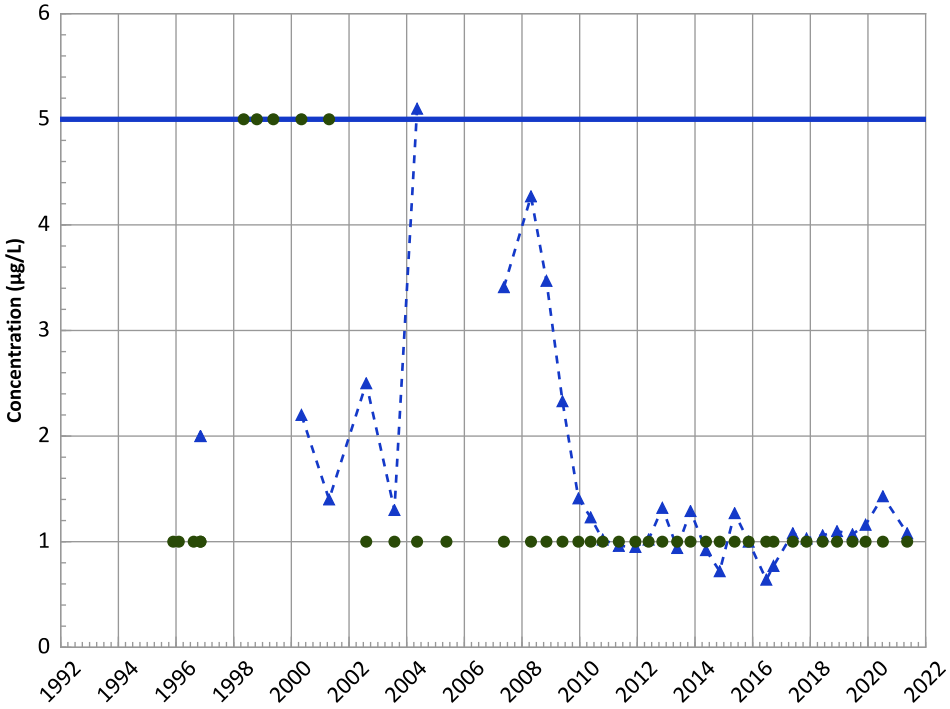
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

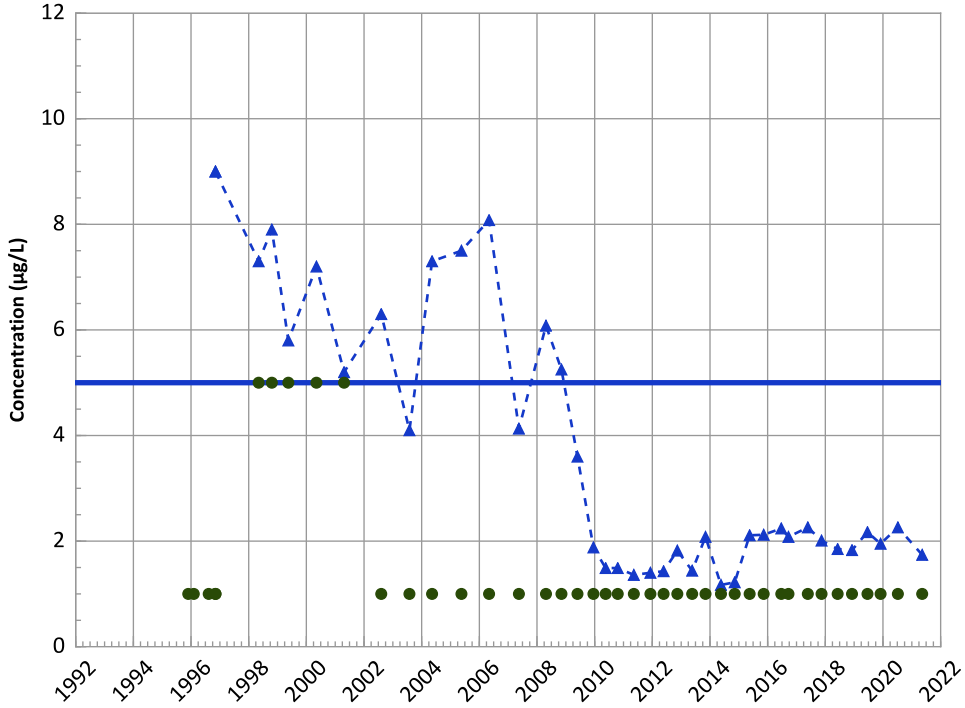


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

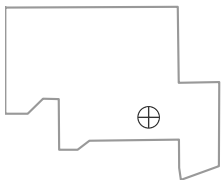
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

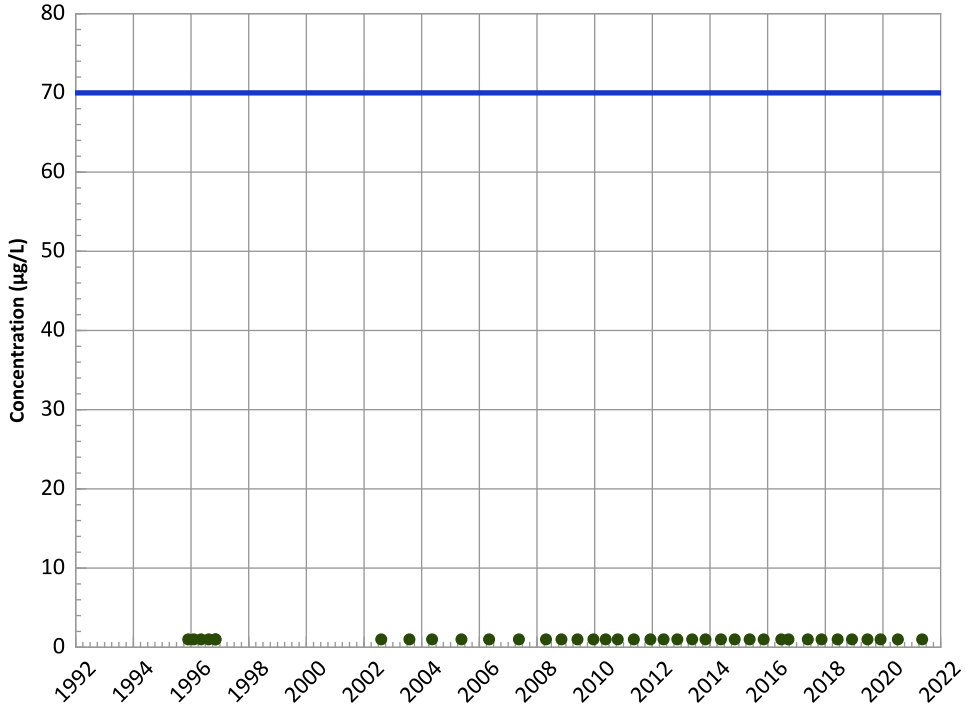
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

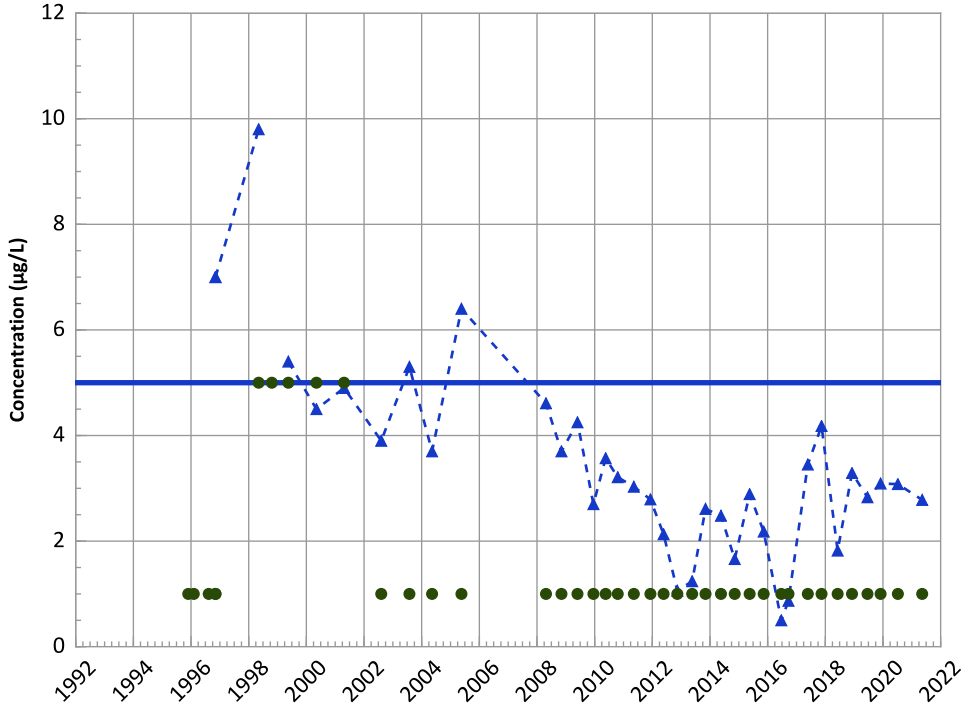


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

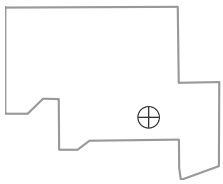
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

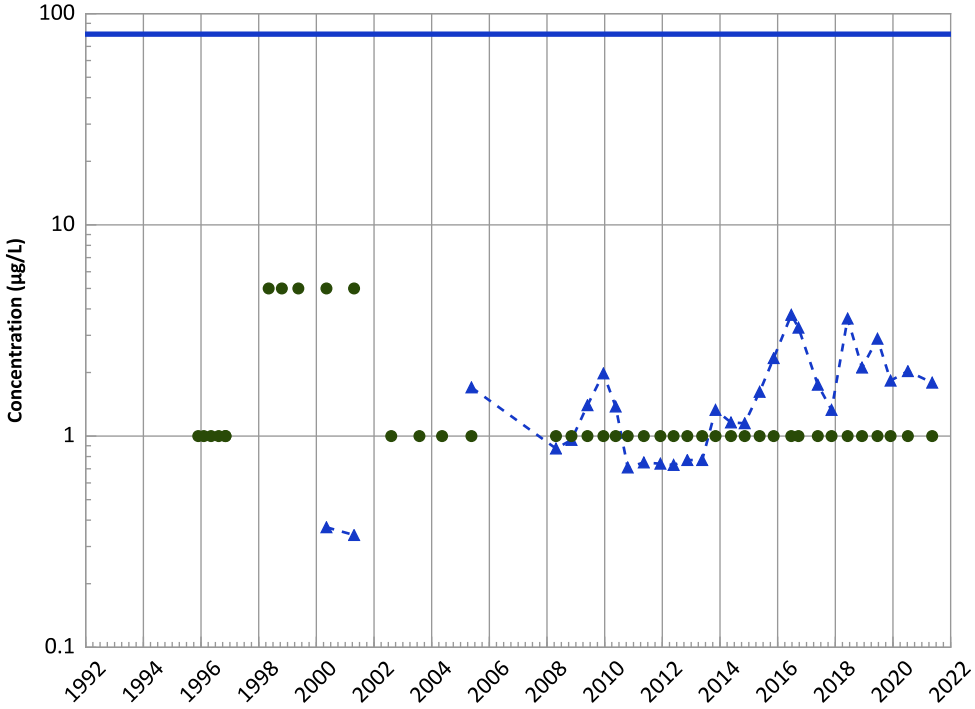
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

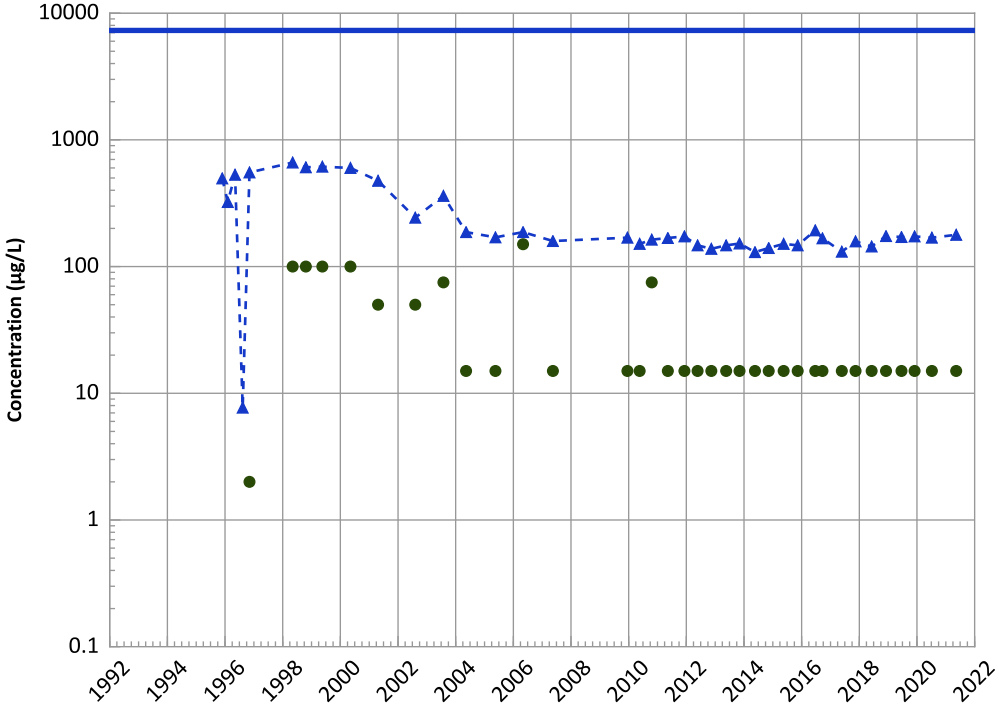


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Boron Trend



Concentration Trend

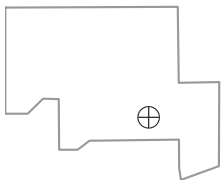
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

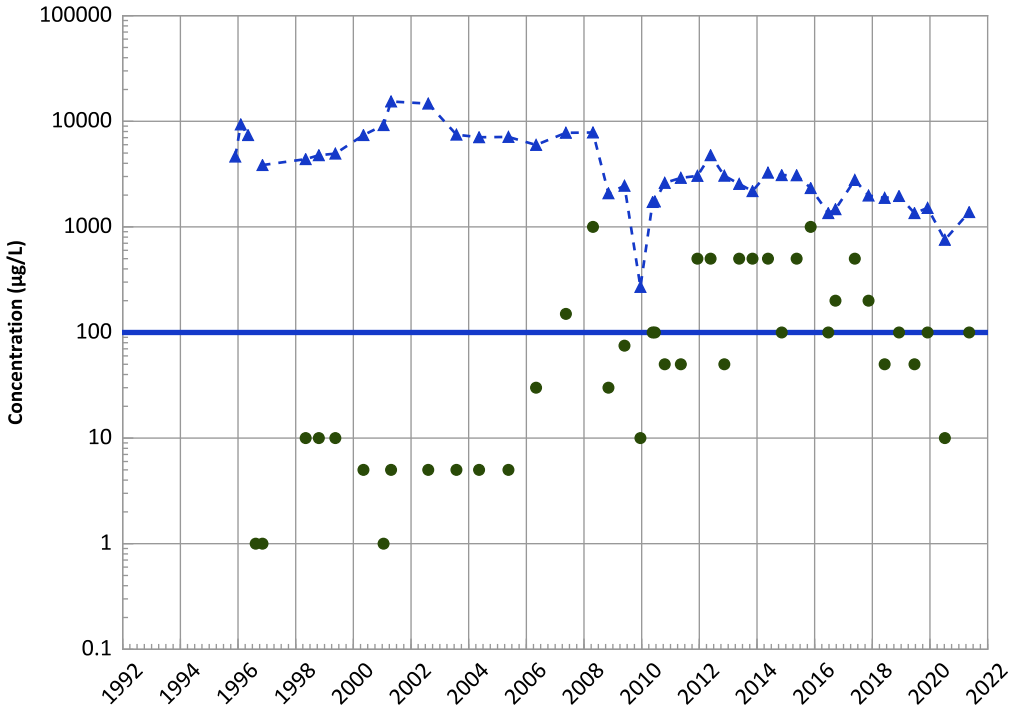
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

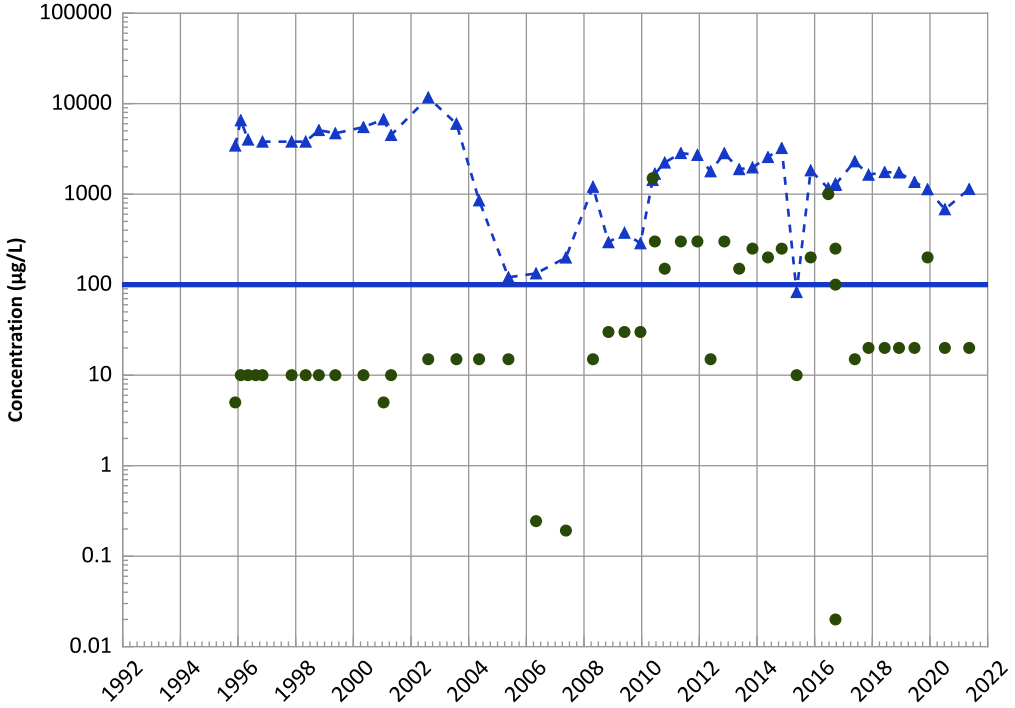


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

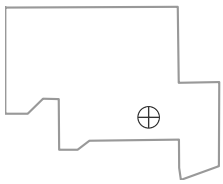
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

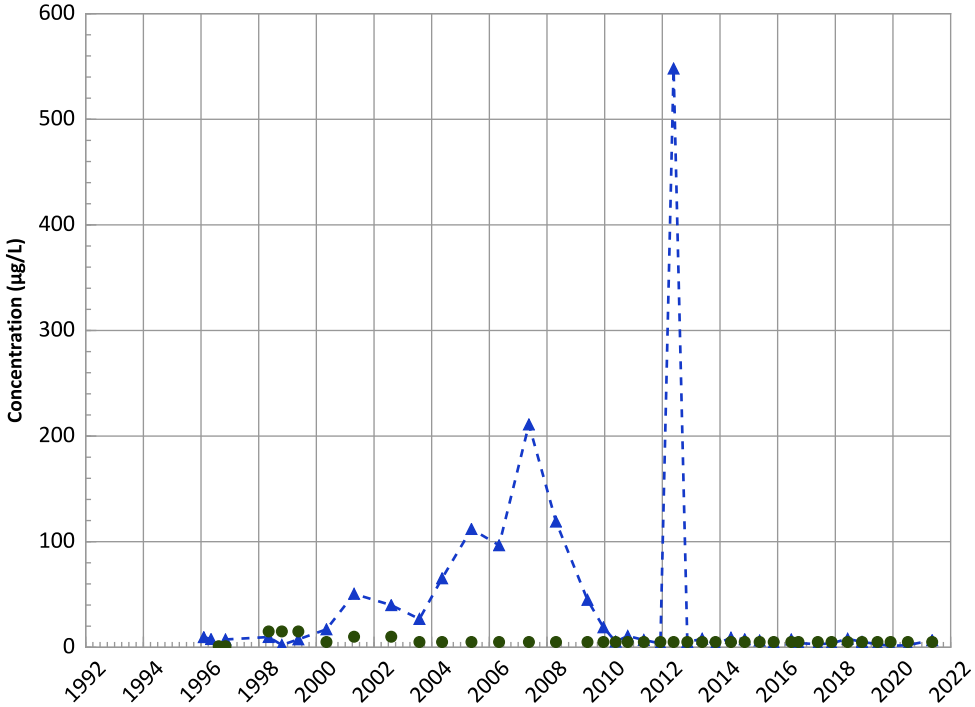
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

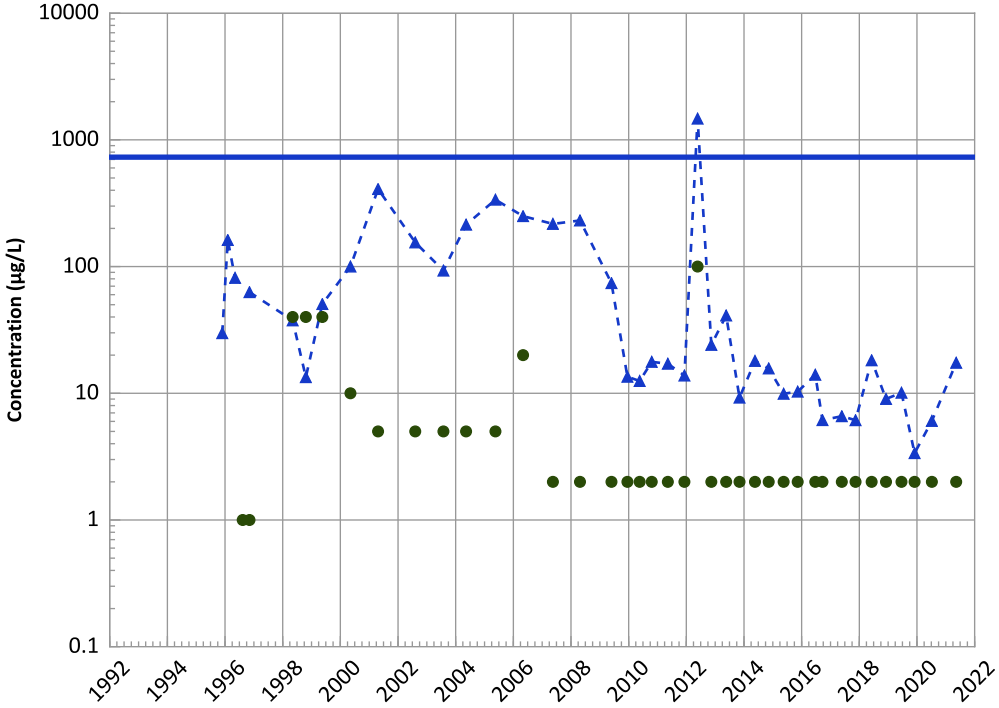


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Nickel Trend



Concentration Trend

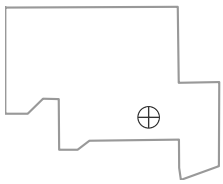
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

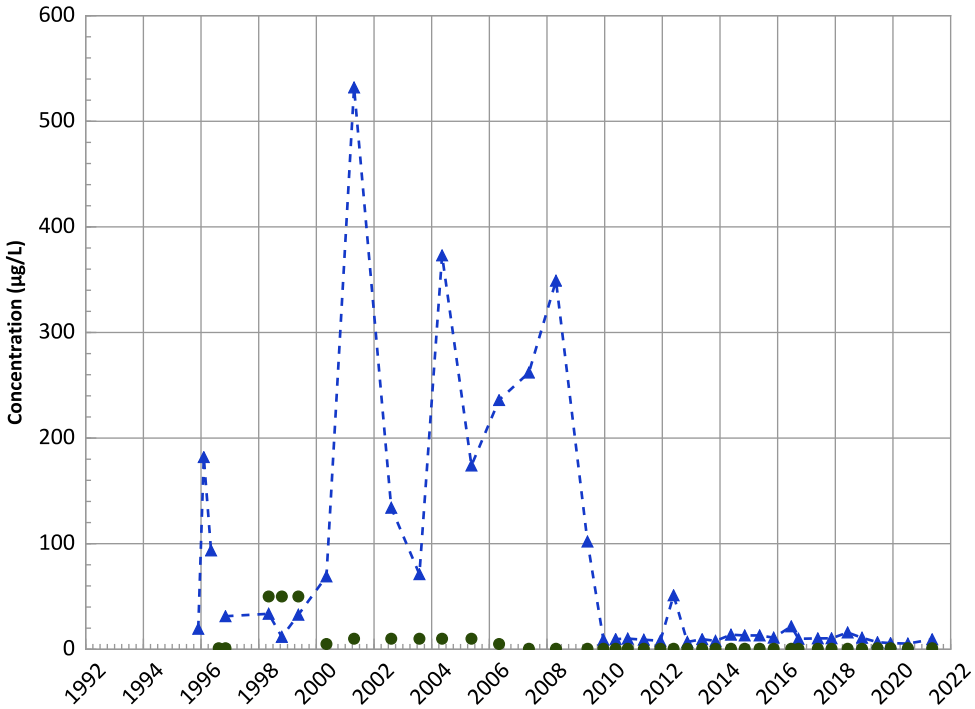
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

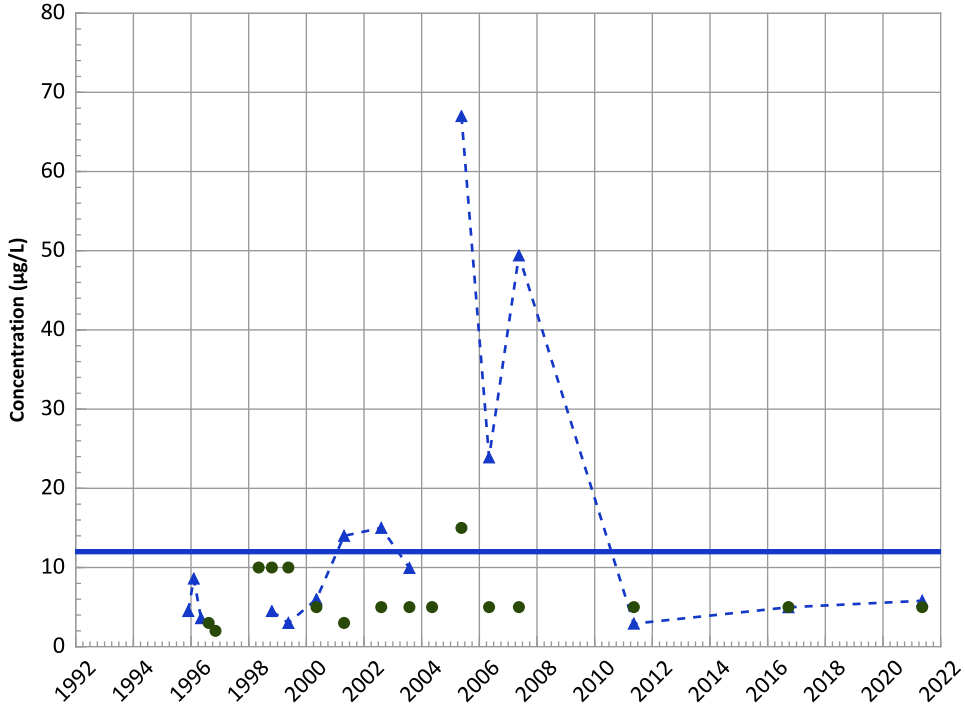


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

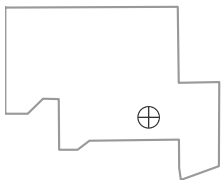
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

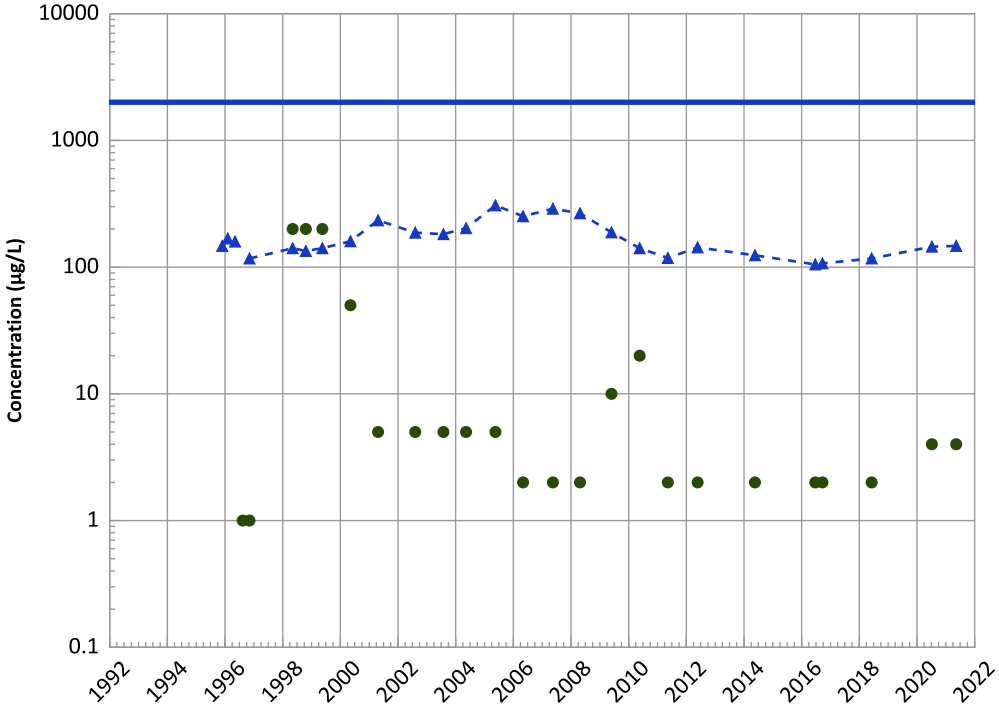
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

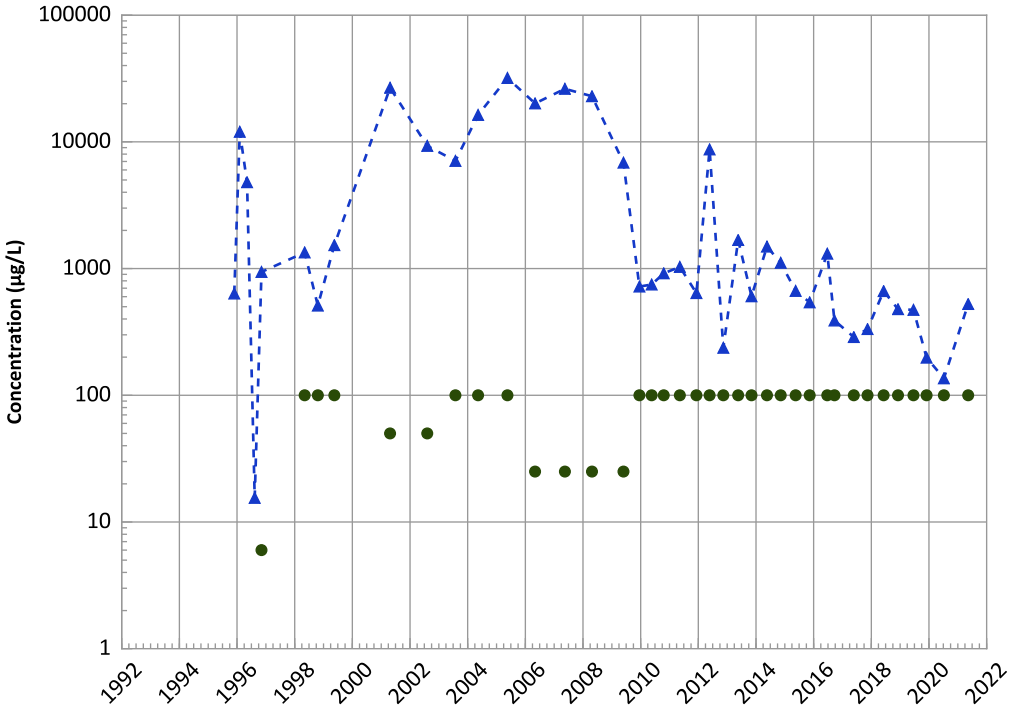


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Iron Trend



Concentration Trend

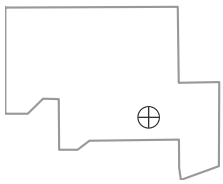
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

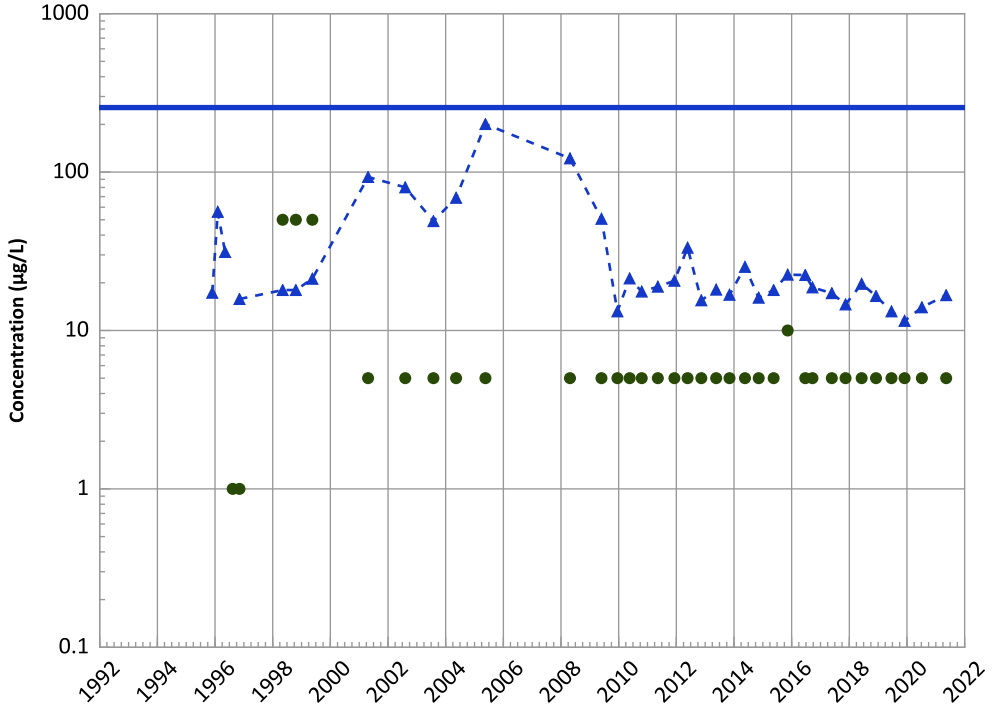
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

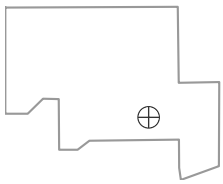
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

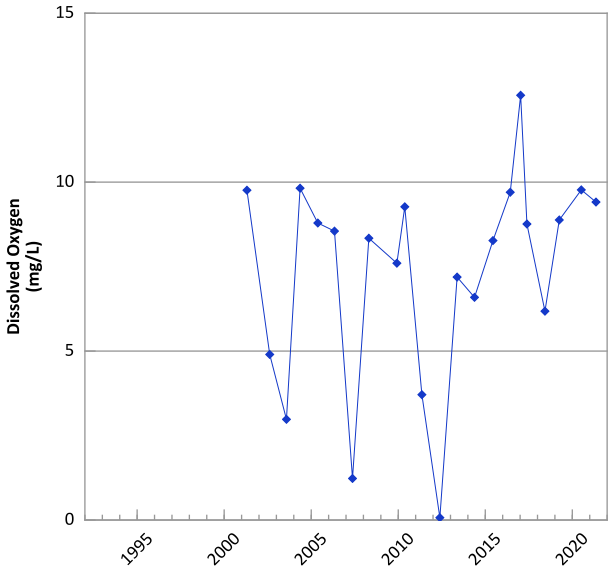
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

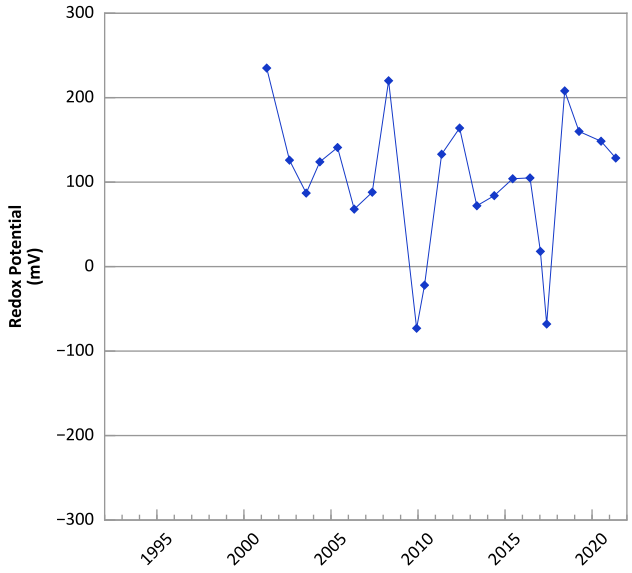
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

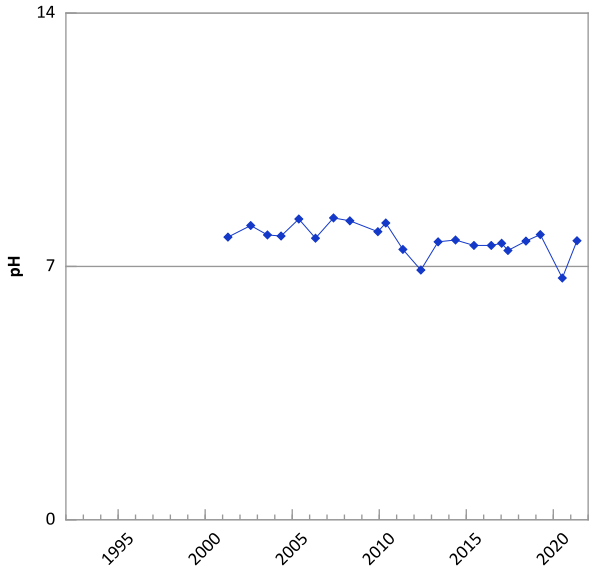
Well Location

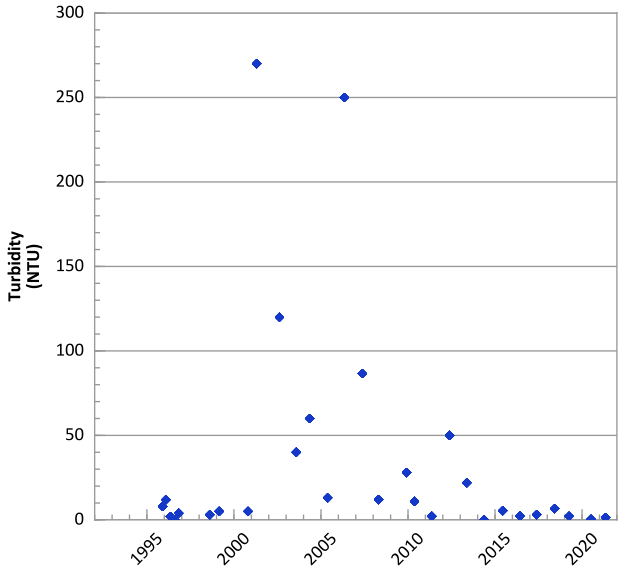


PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



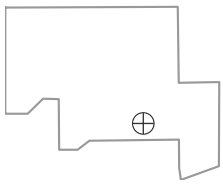






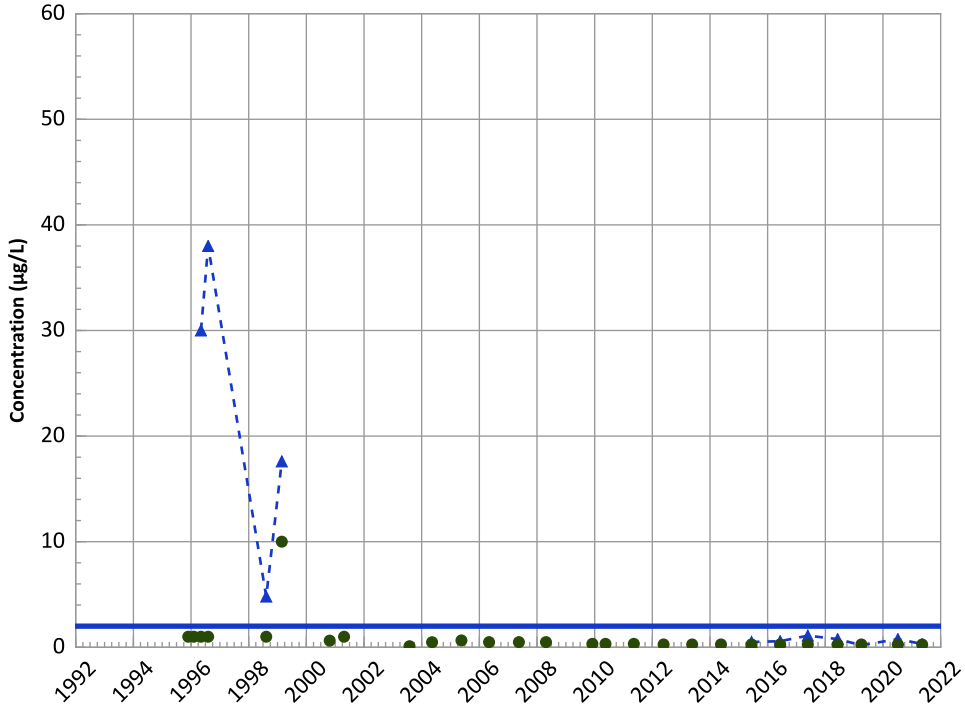
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

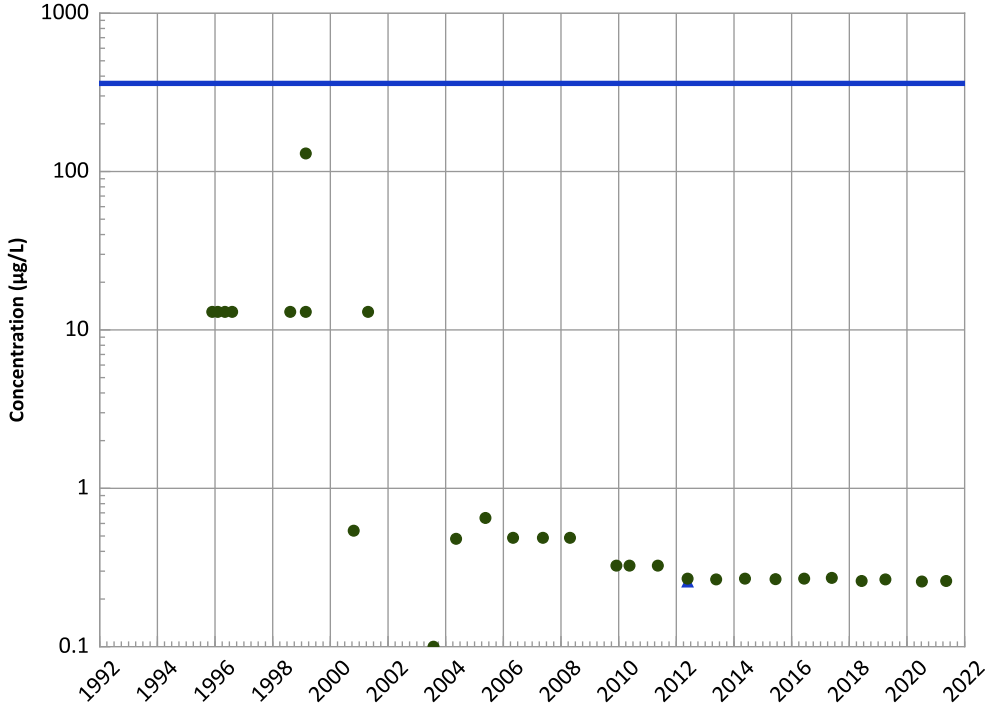


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

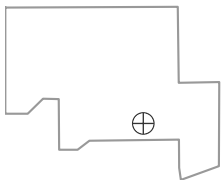
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

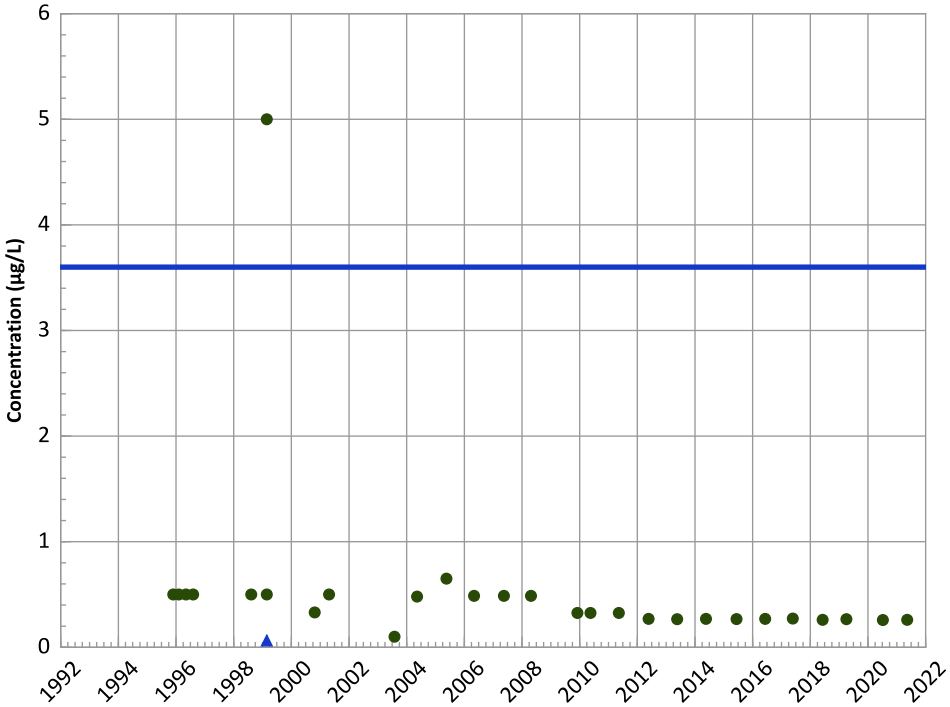
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

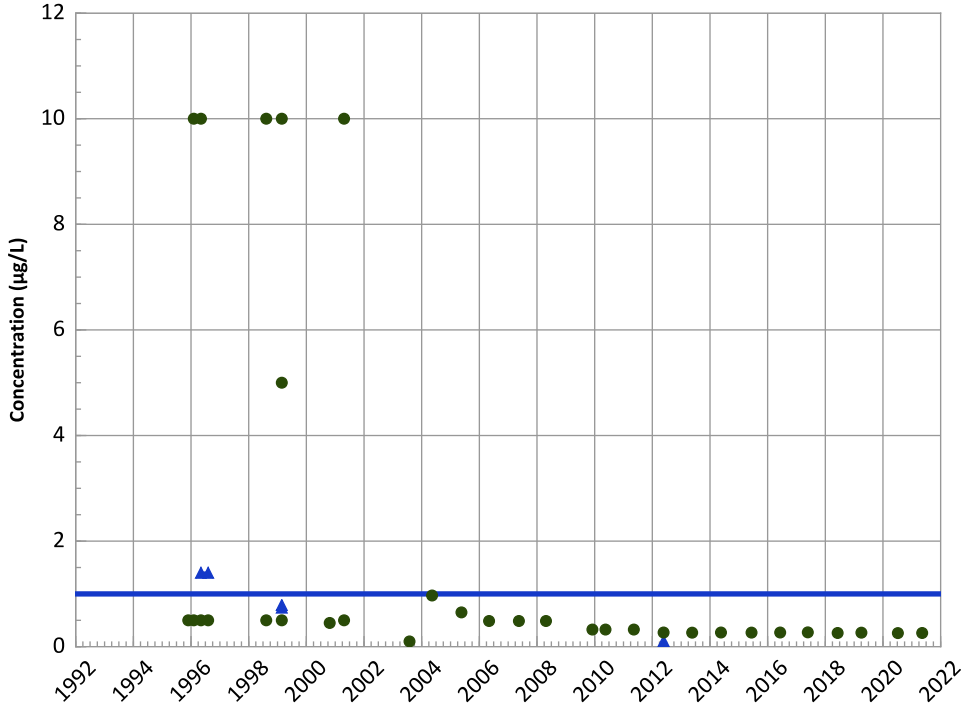


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

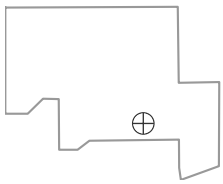
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

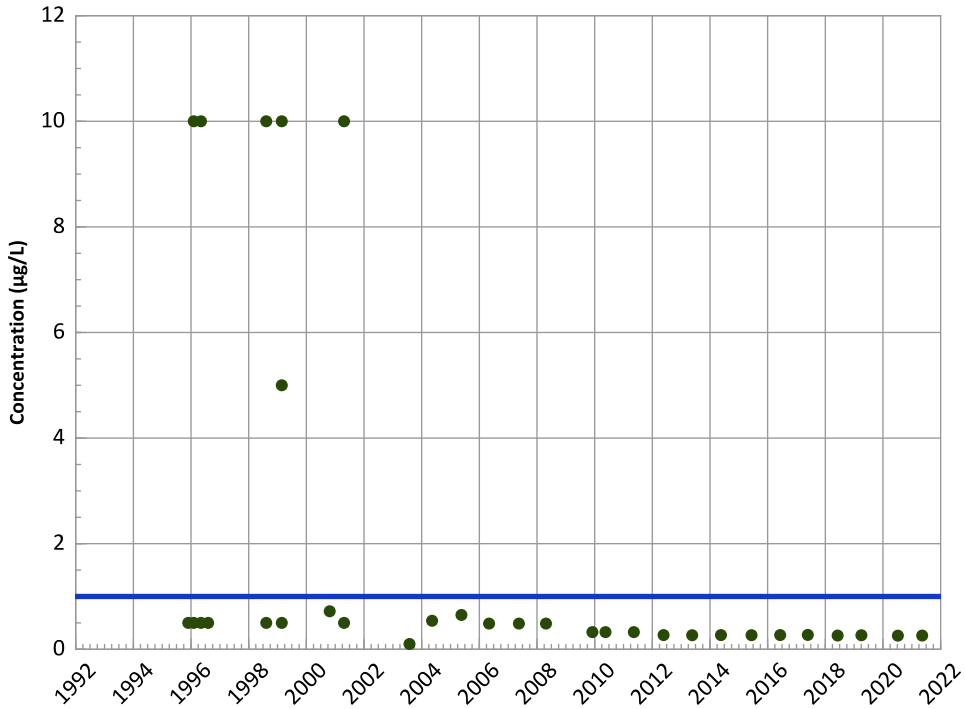
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

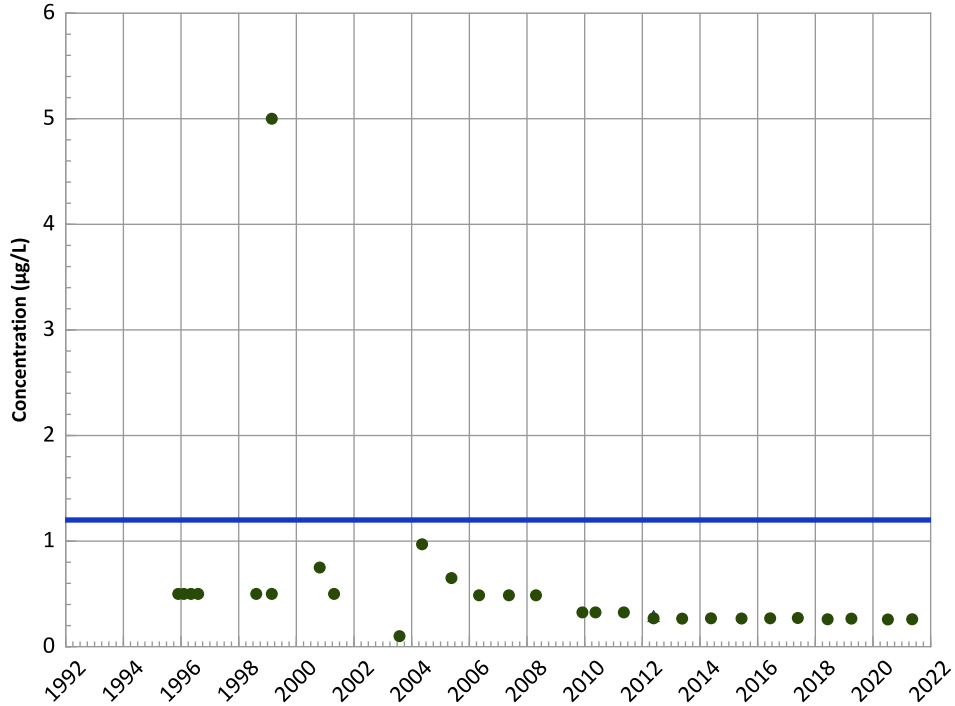


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

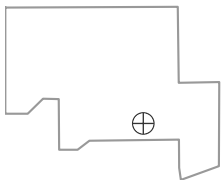
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

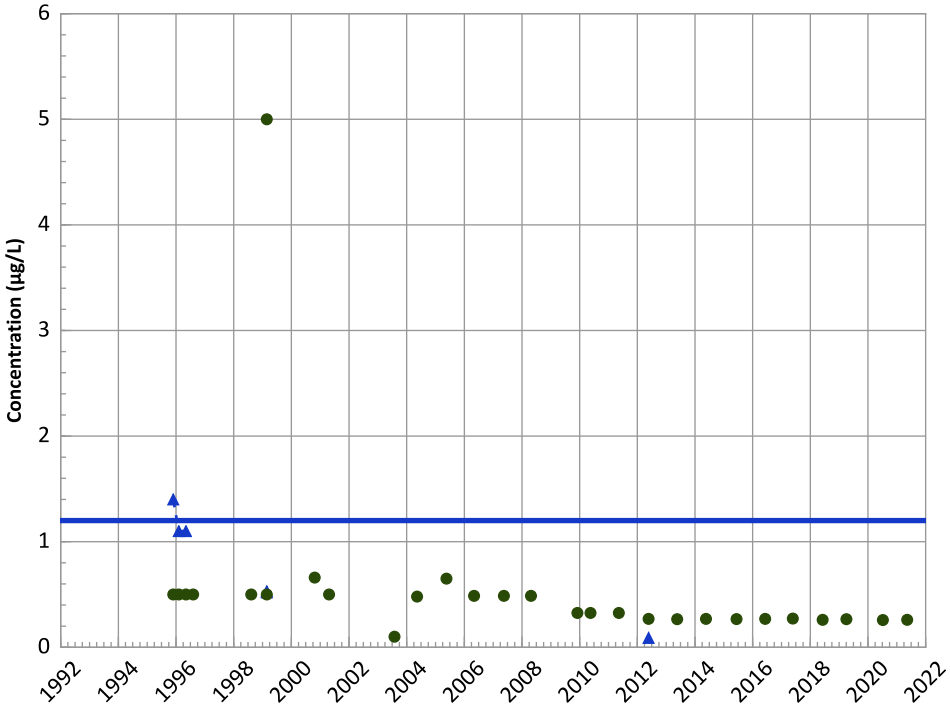
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

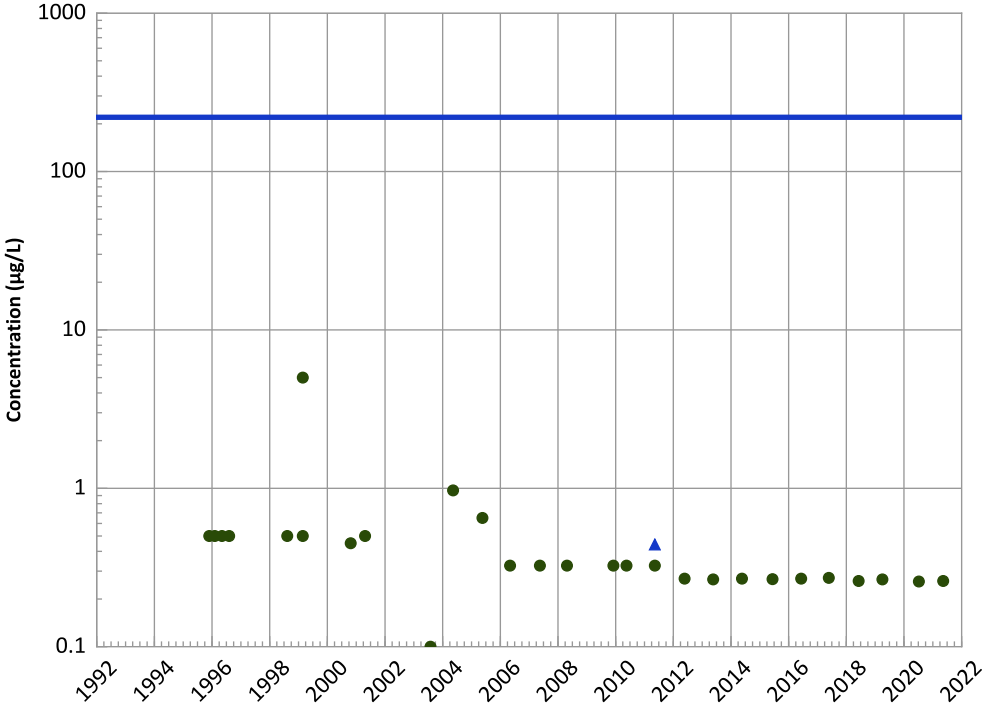


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

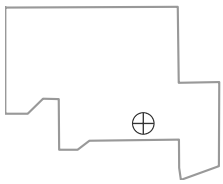
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

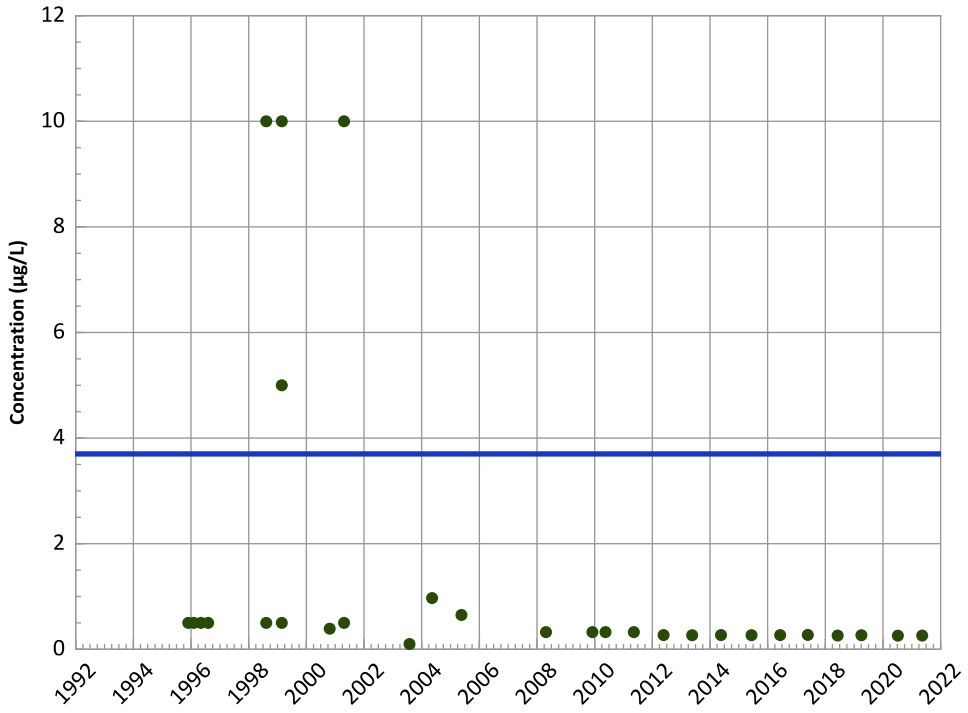
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

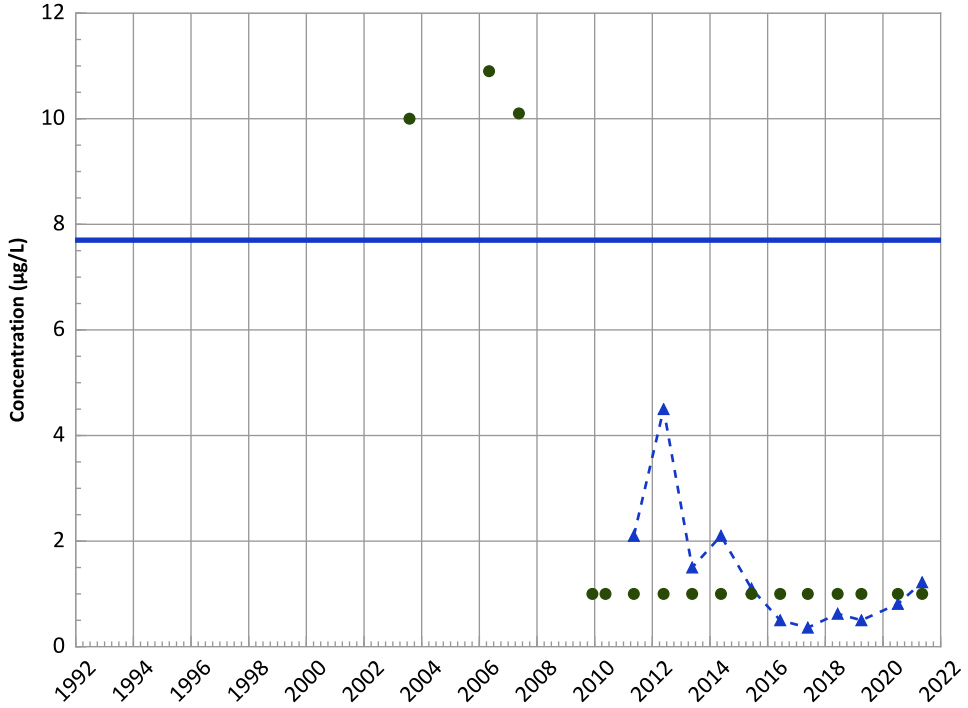


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

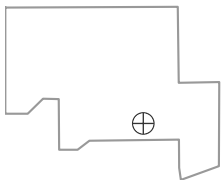


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Well Location

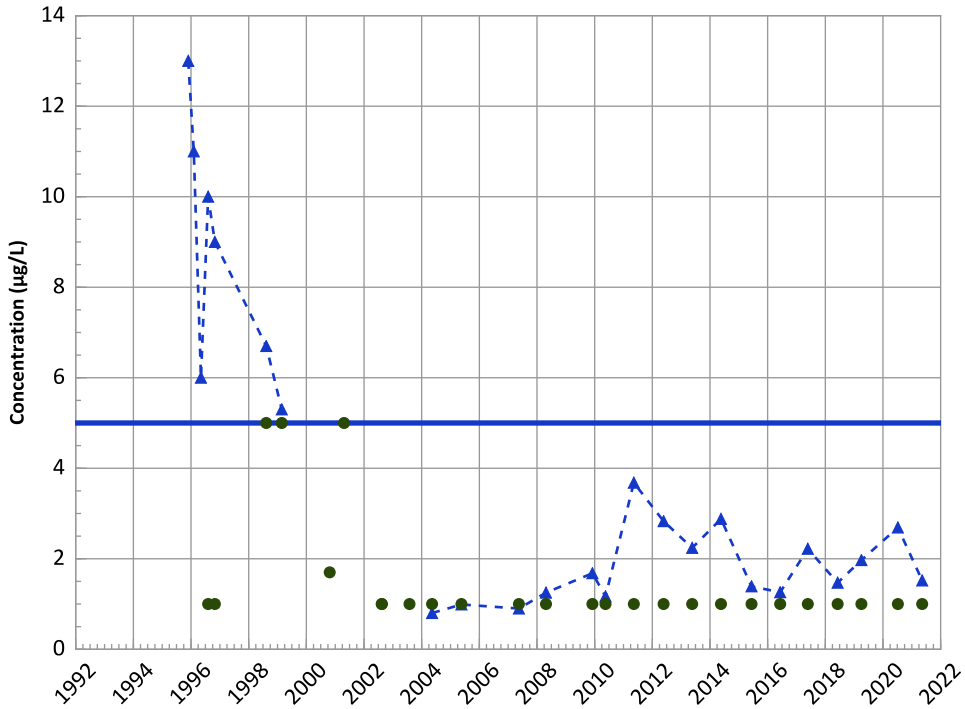


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

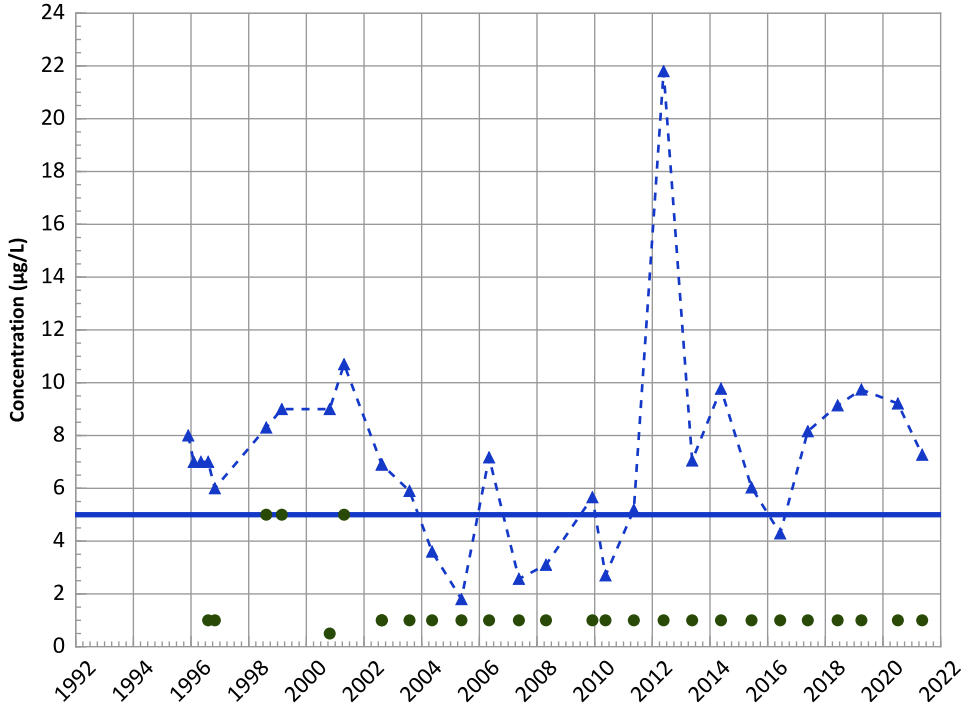


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

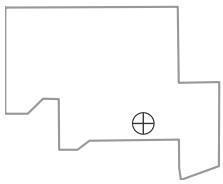
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

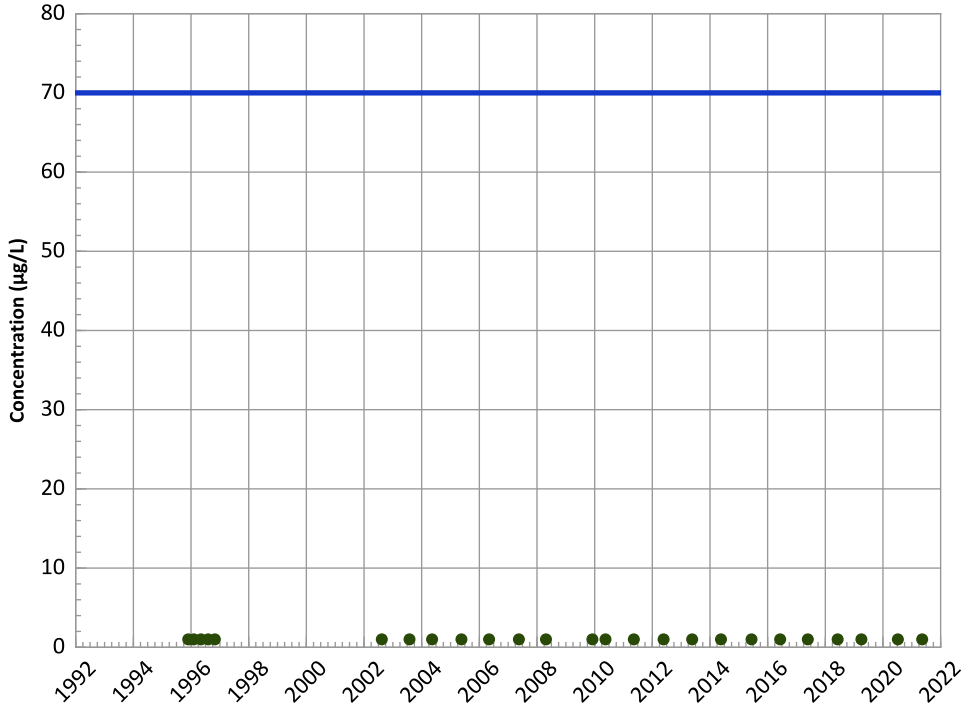
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

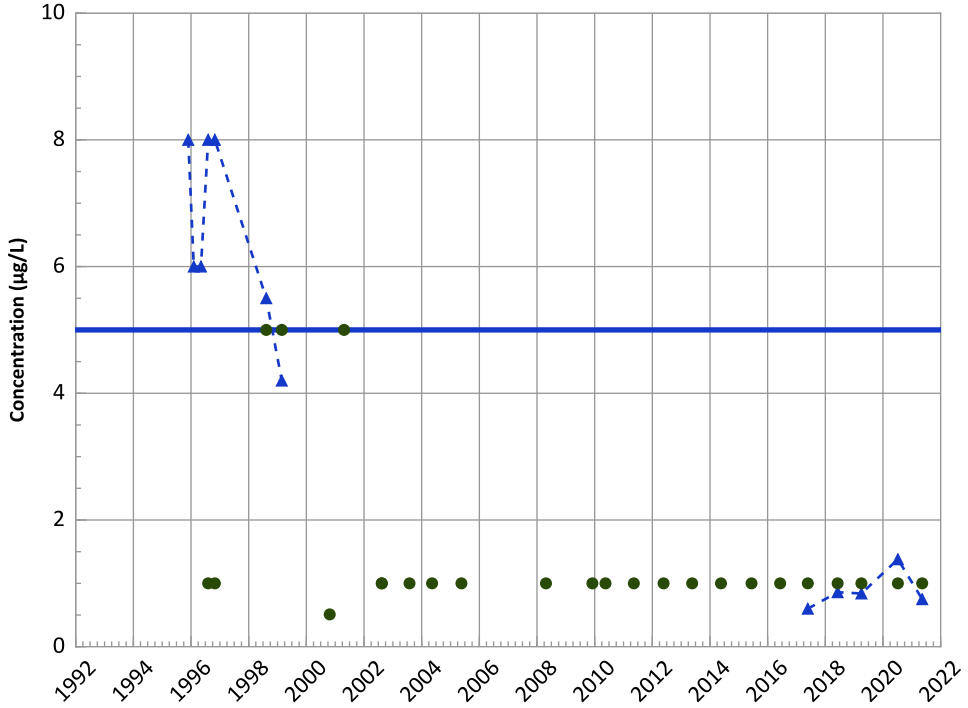


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

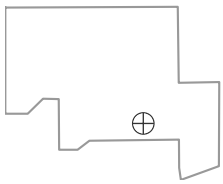
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

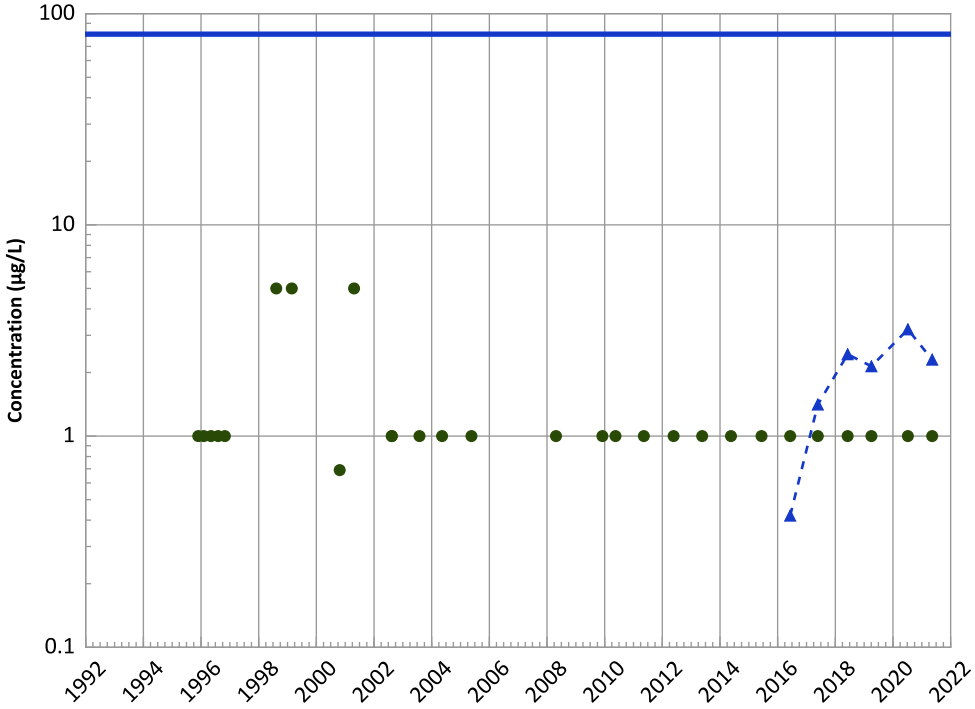
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

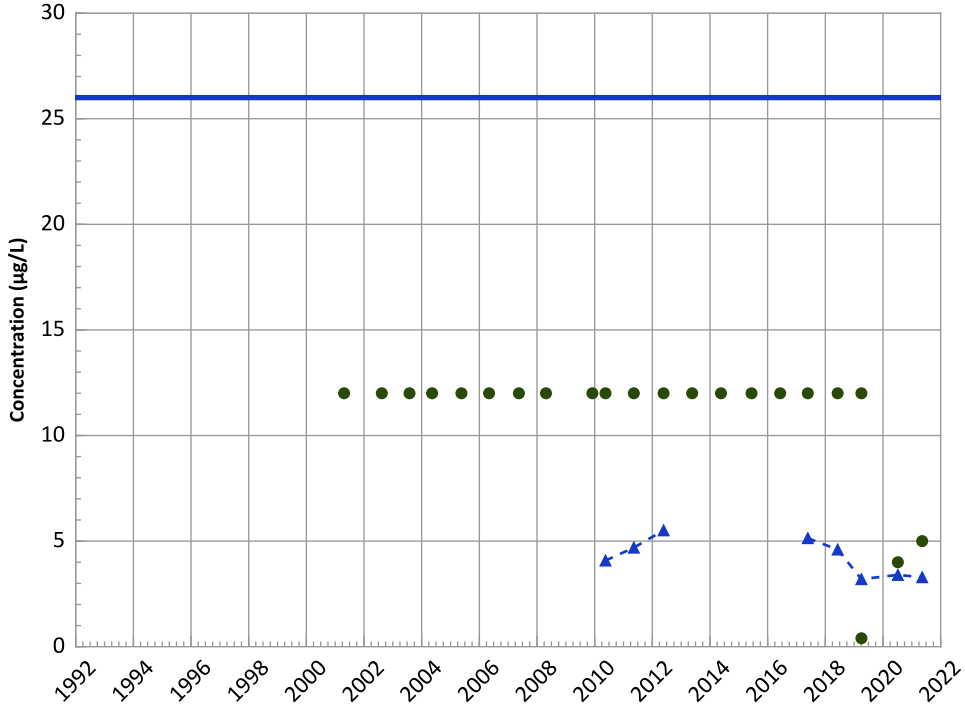


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Perchlorate Trend



Concentration Trend

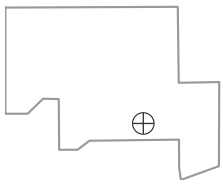
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

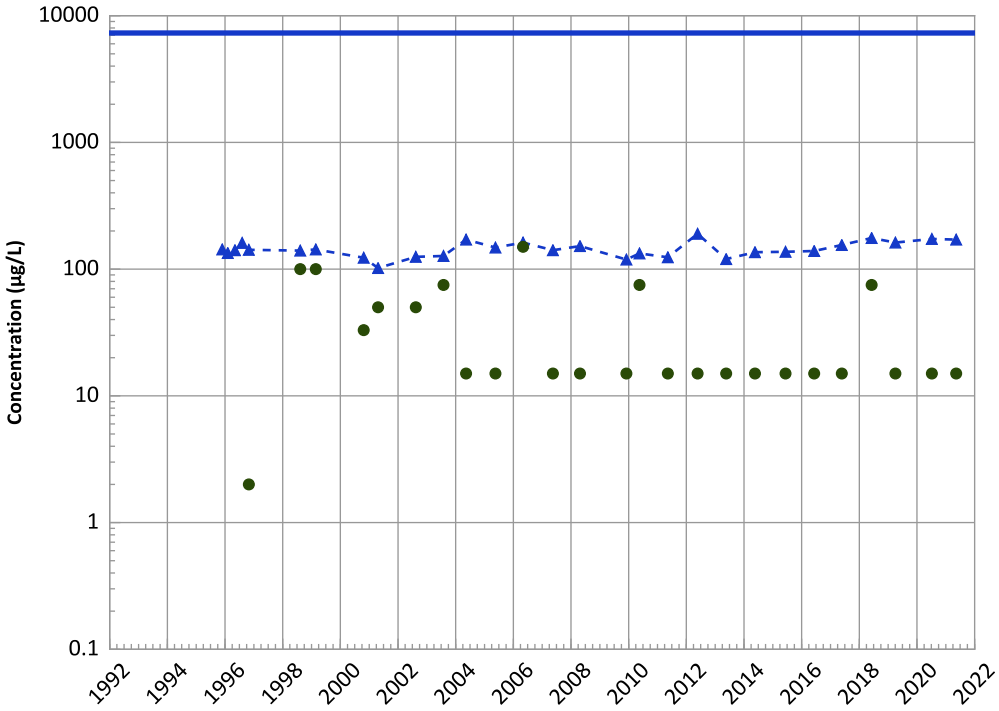
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

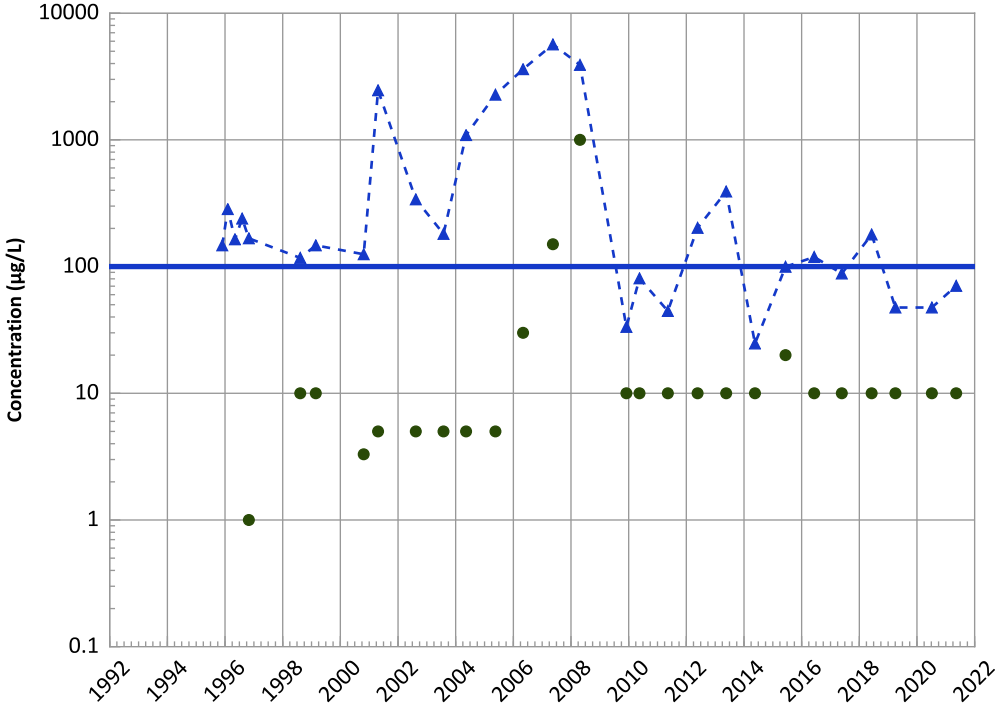


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

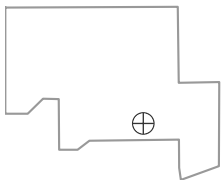
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

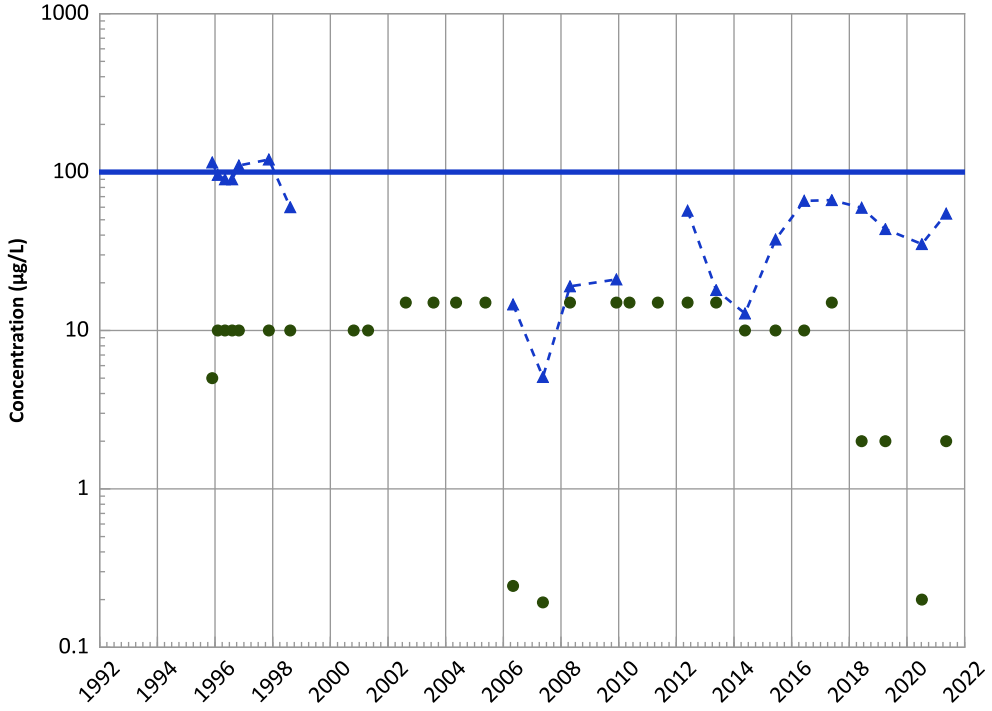
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

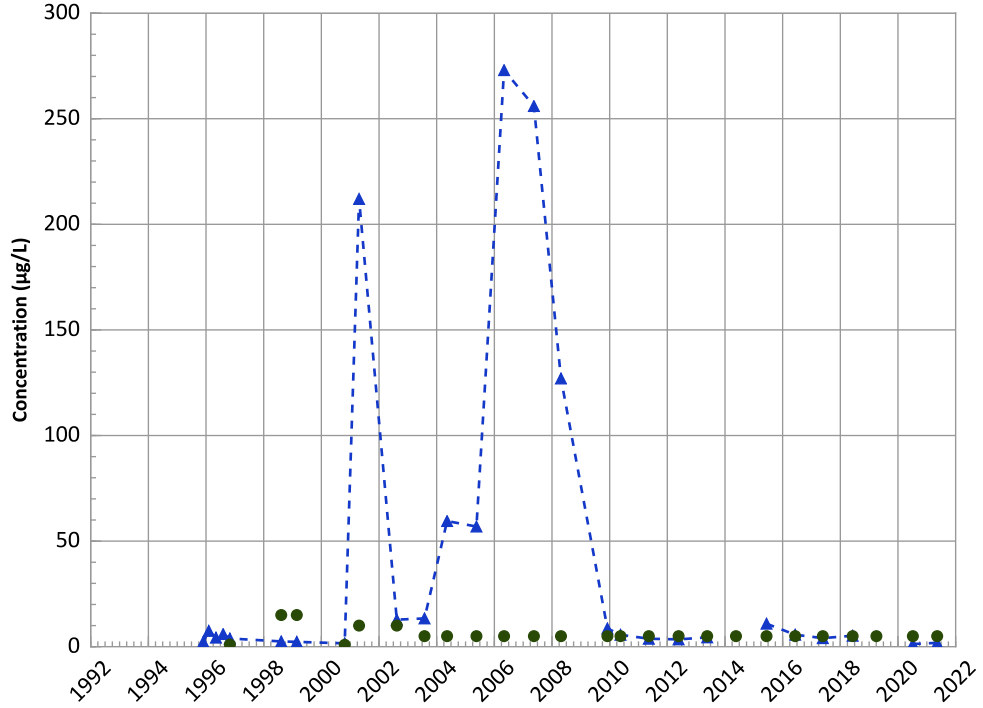


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Manganese Trend



Concentration Trend

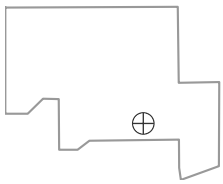
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

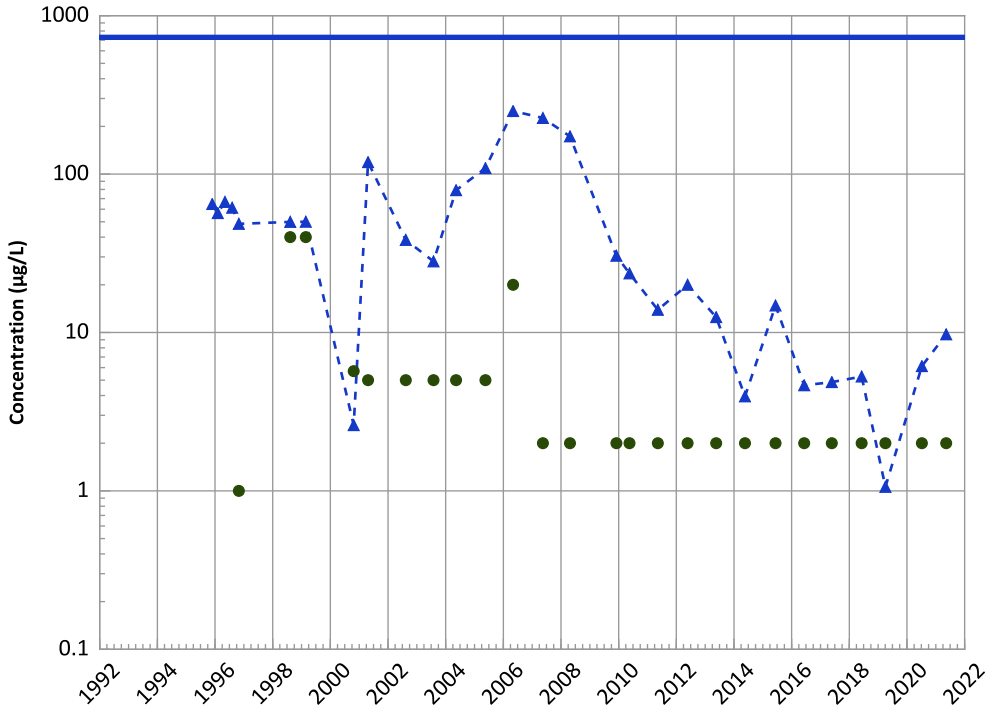
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

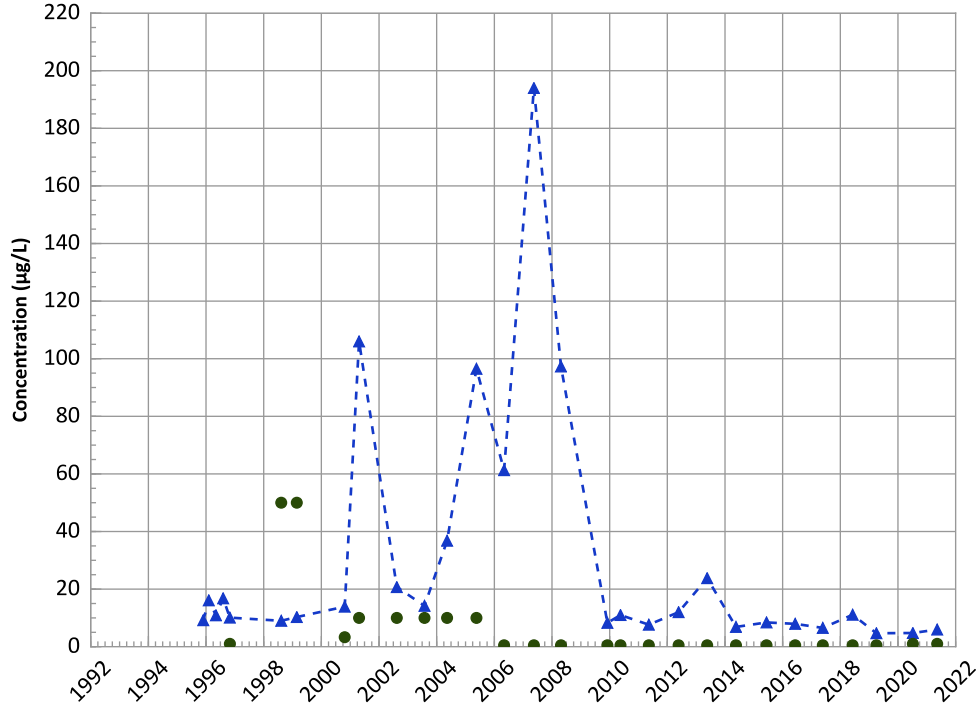


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

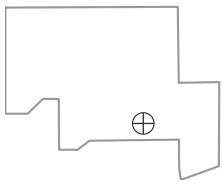
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

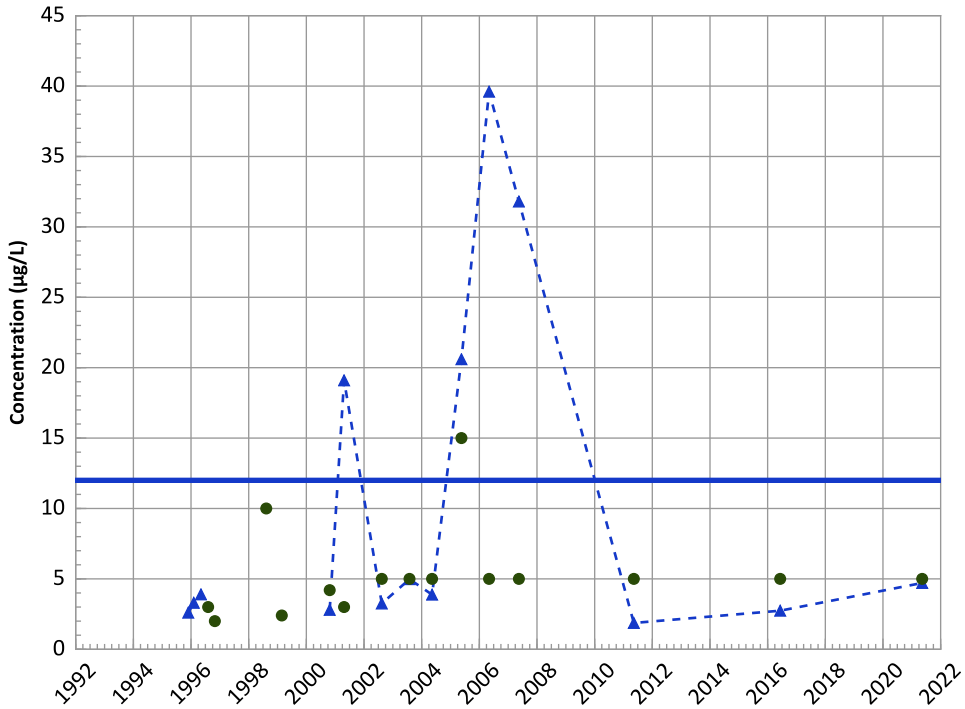
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

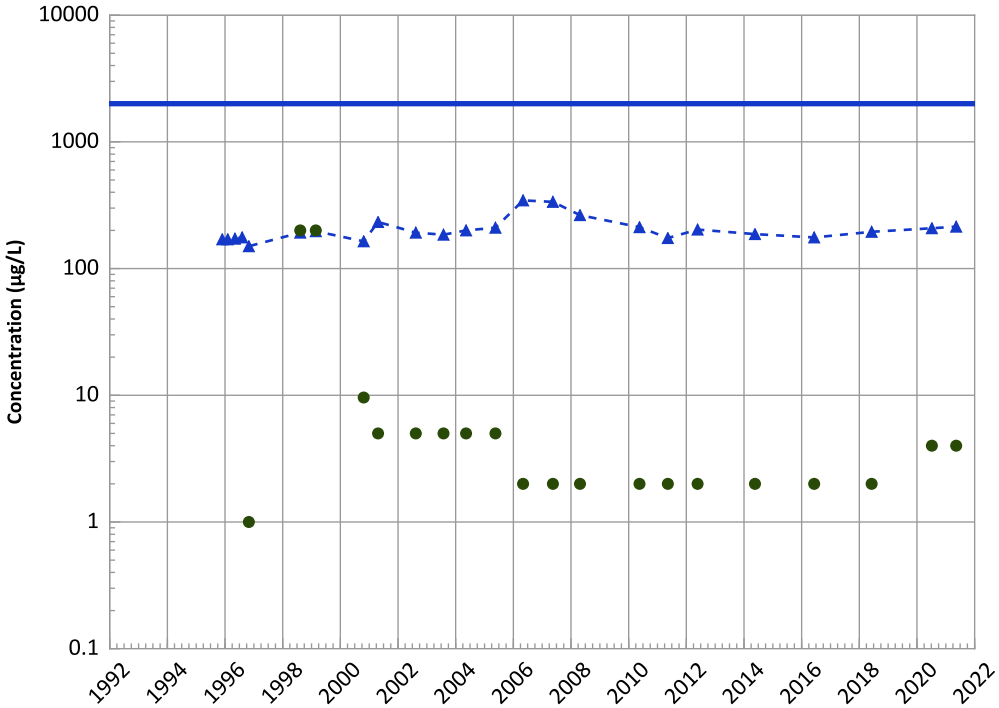


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Barium Trend



Concentration Trend

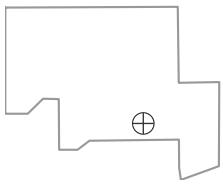
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

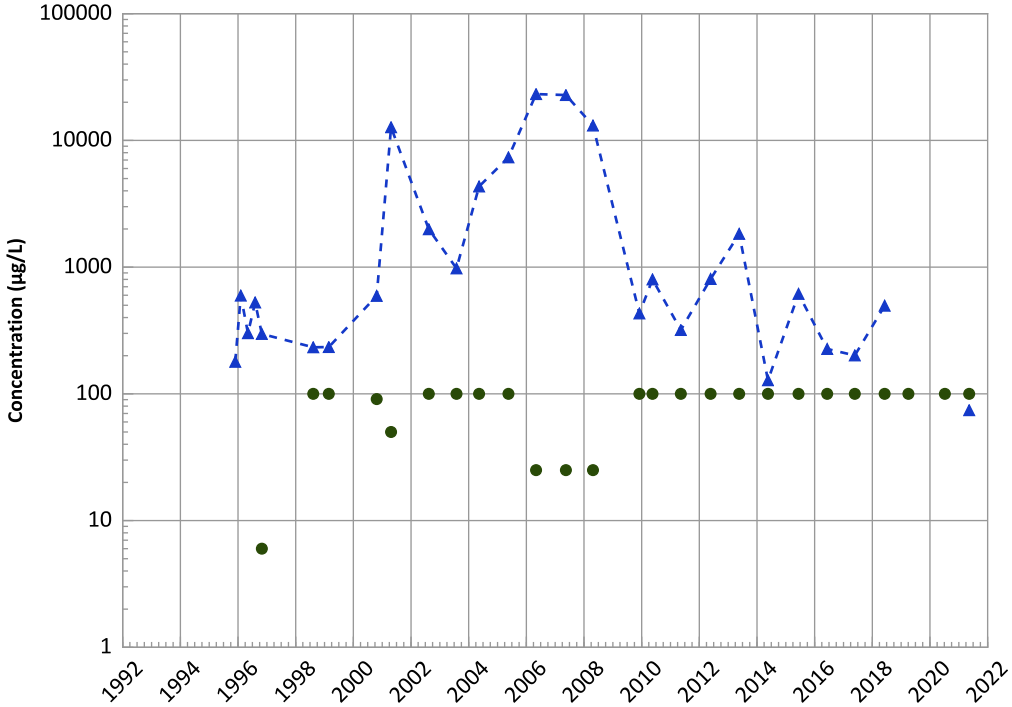
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1011 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

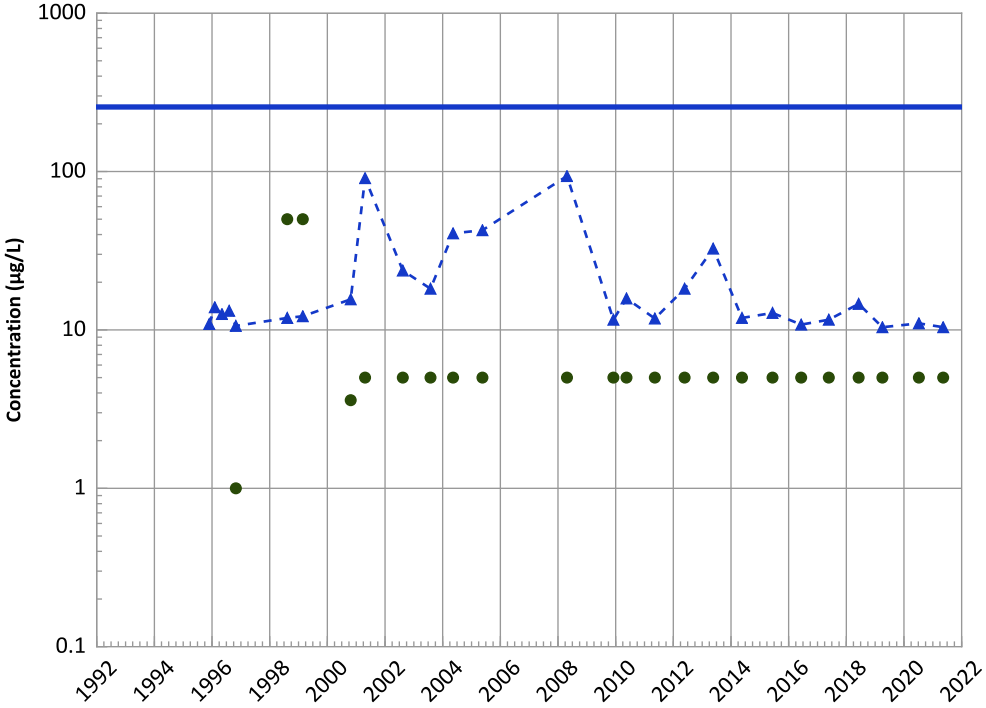


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Vanadium Trend



Concentration Trend

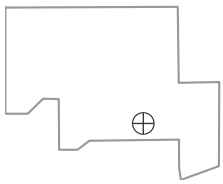
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

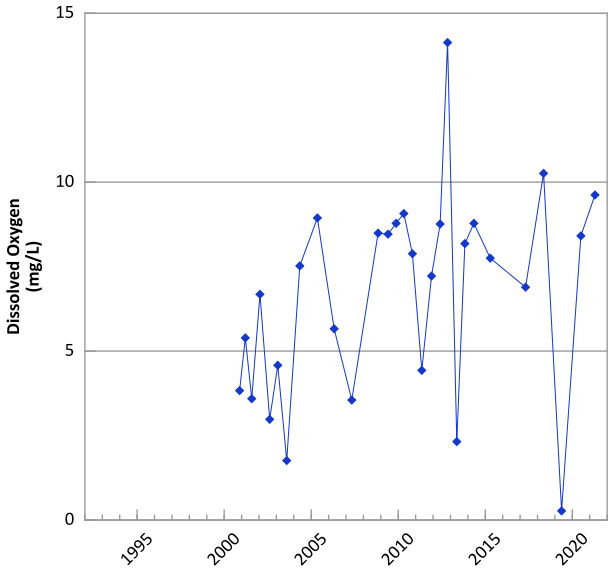
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/27/1995 to 05/12/2021
Analysis Date: 04/05/2022

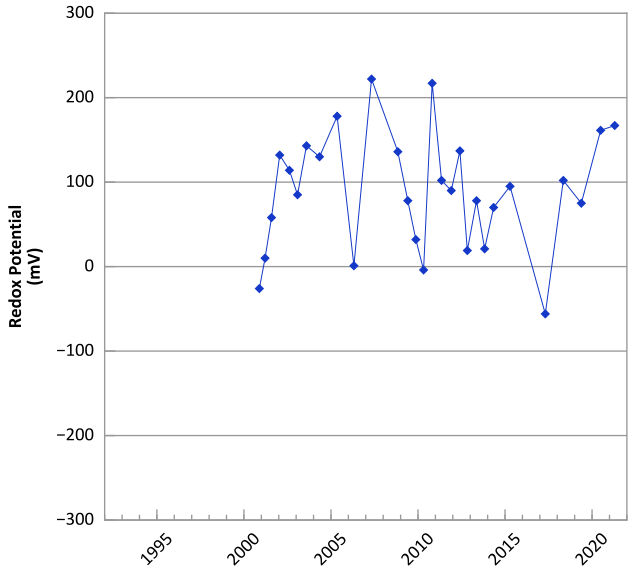
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

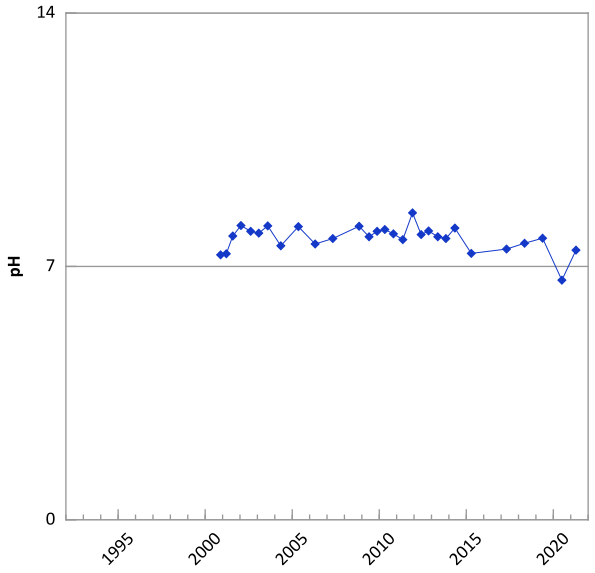
Well Location

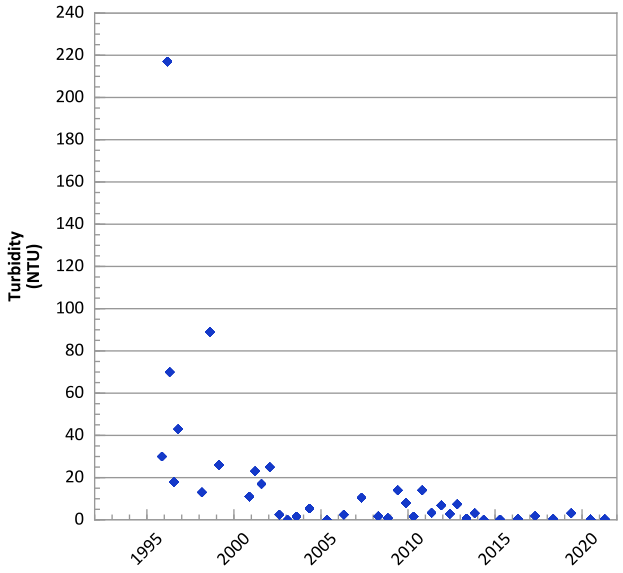


PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



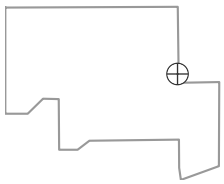






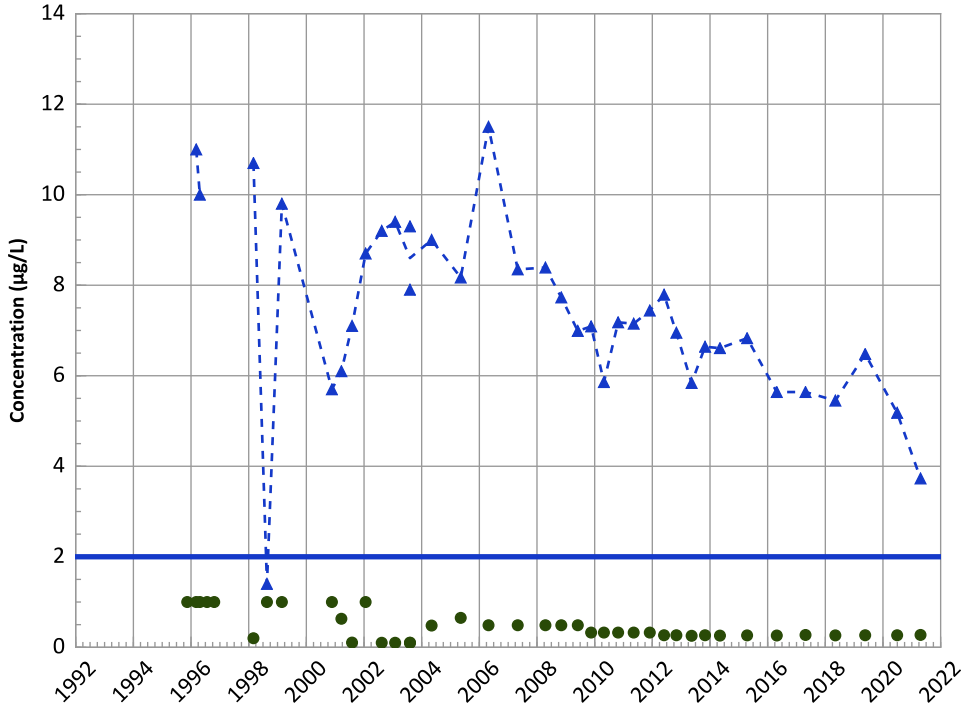
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

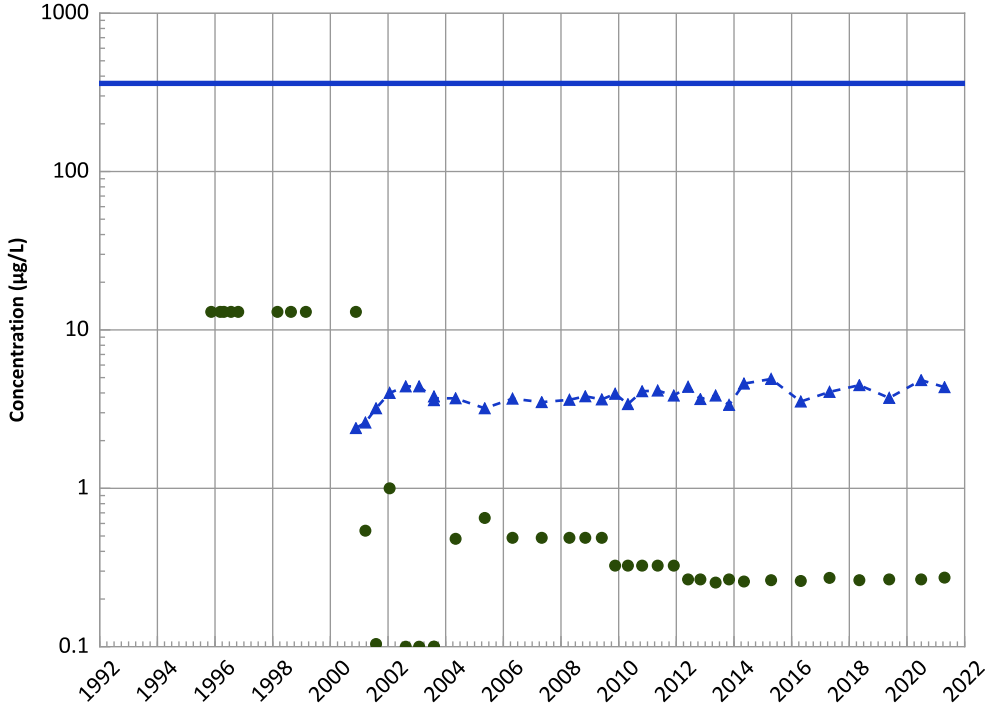


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

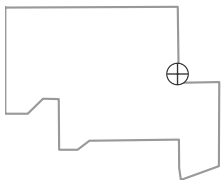
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

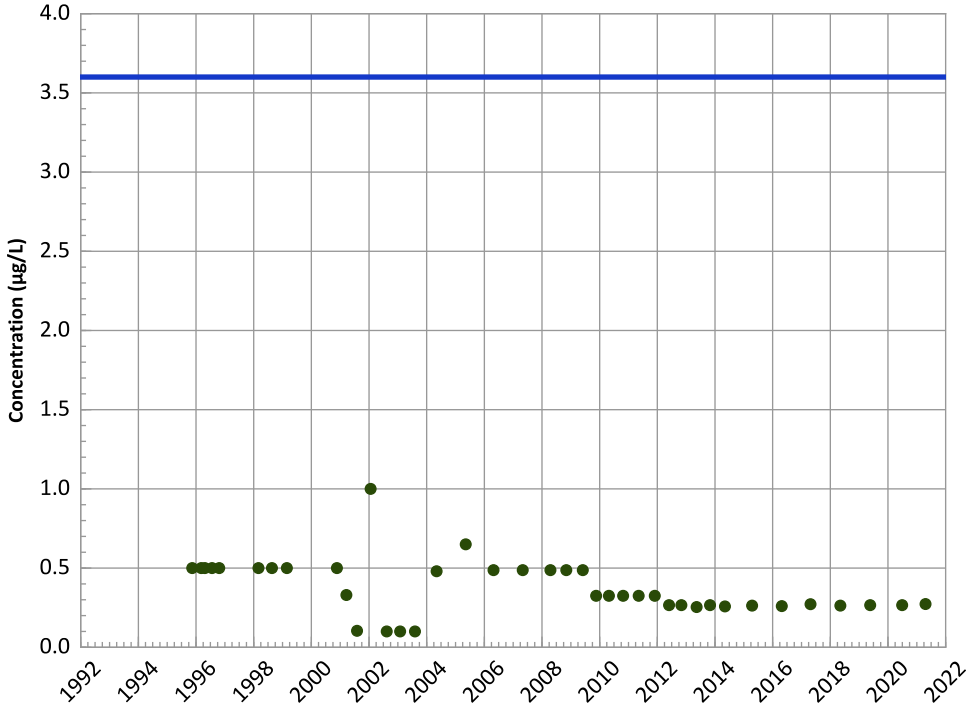
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

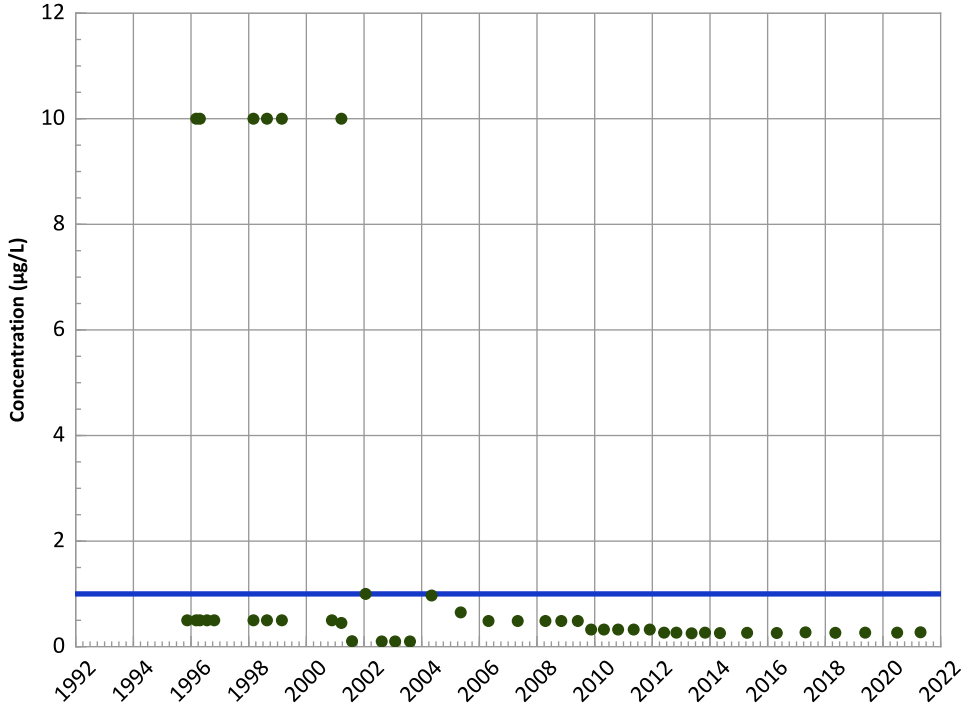


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

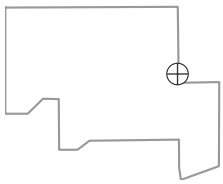
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

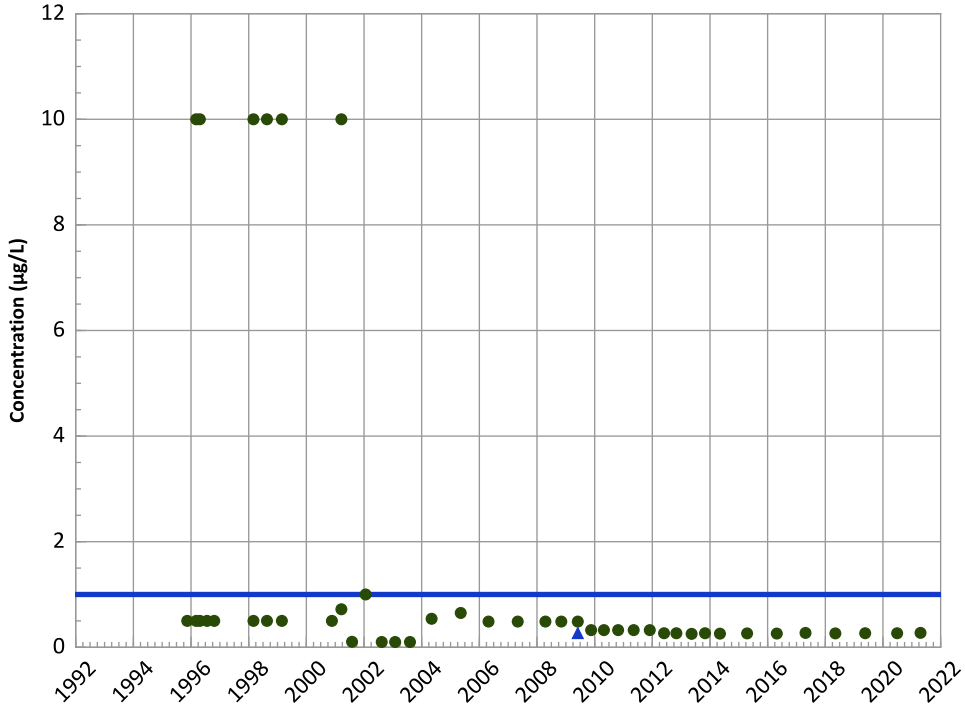
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

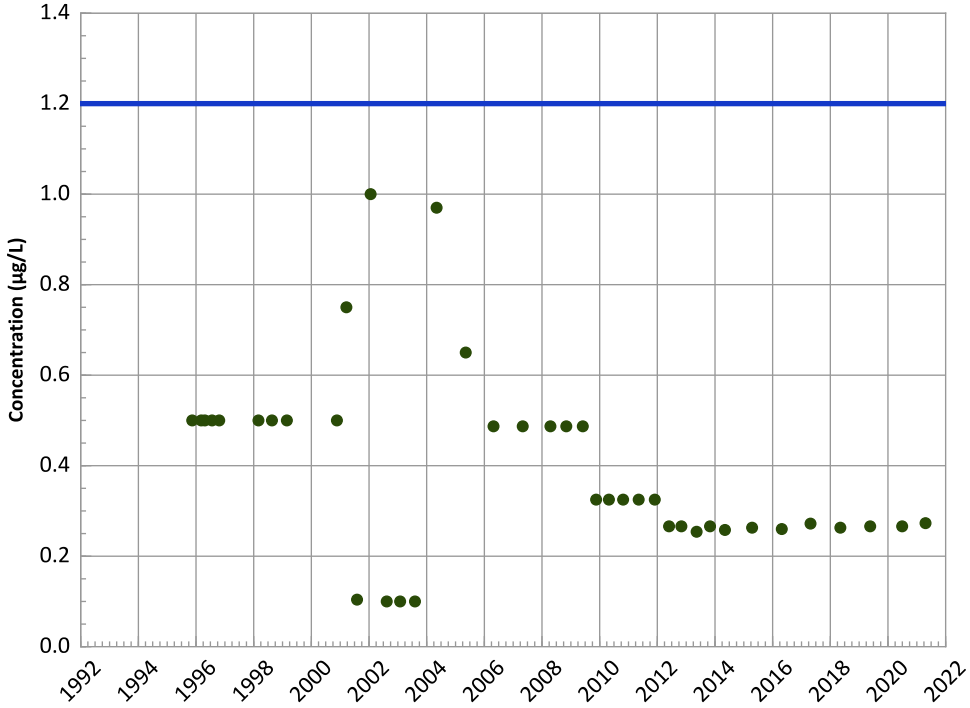


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

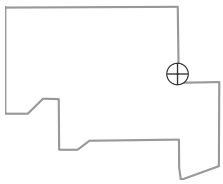
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

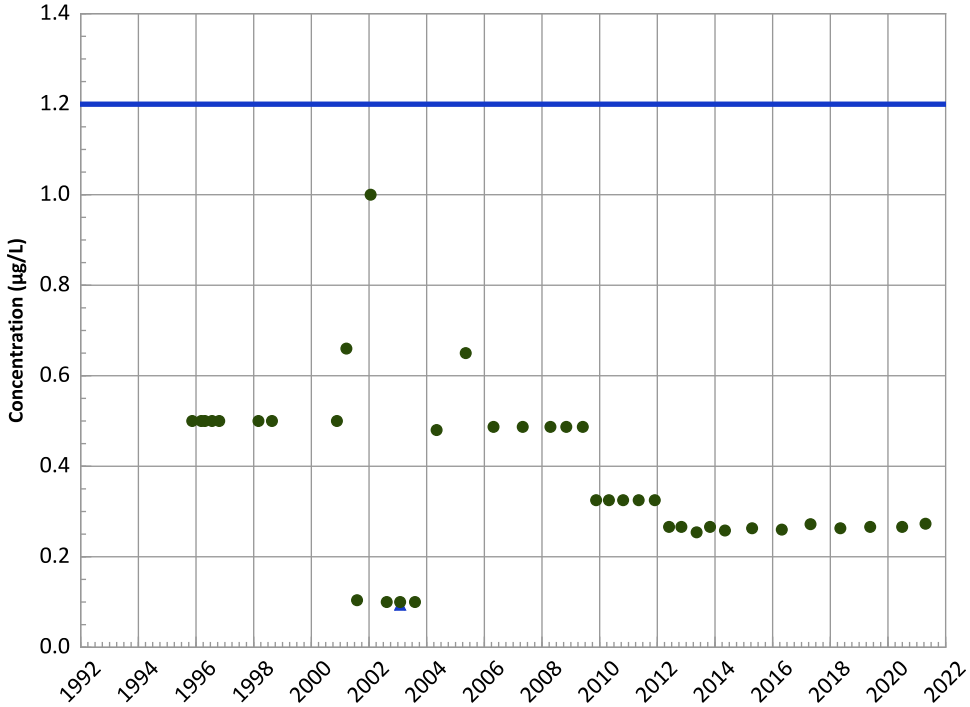
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

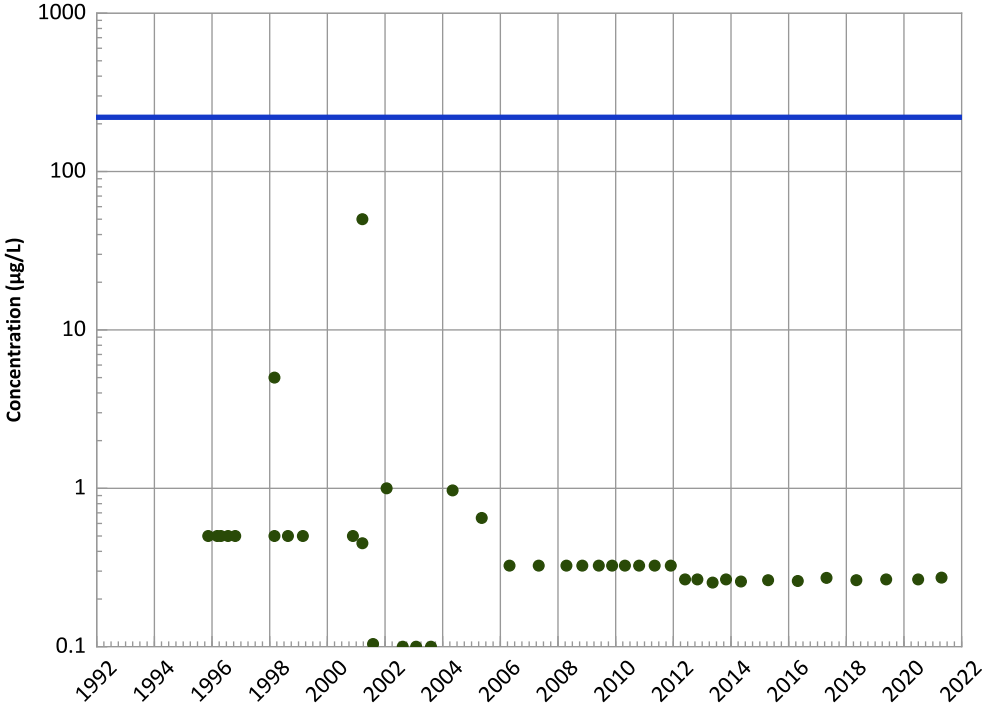


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

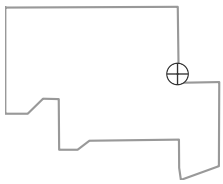
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

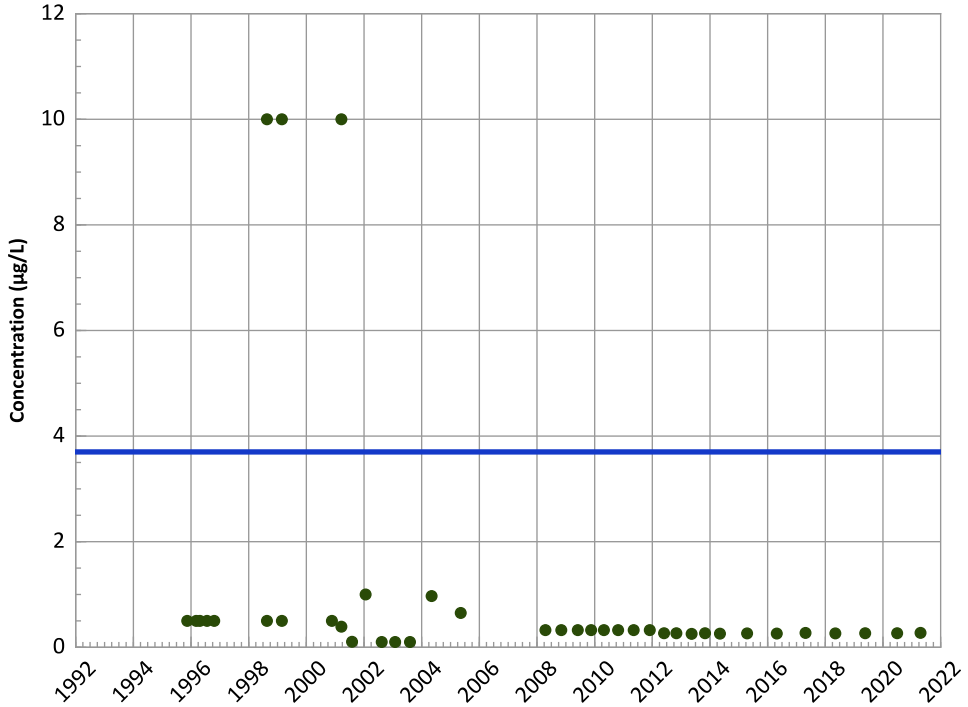
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

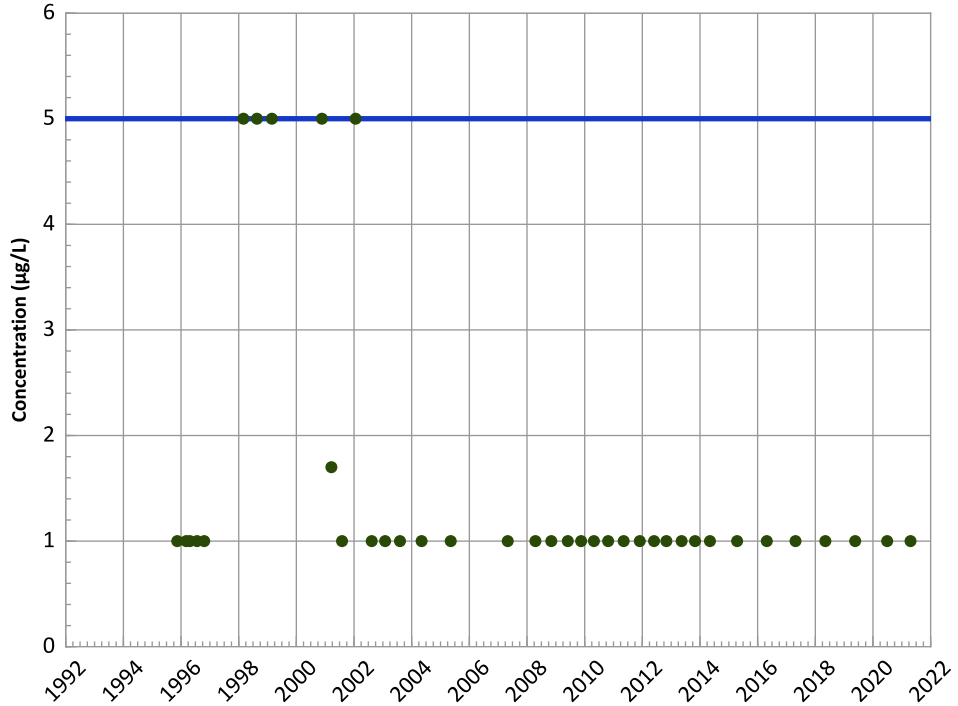


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

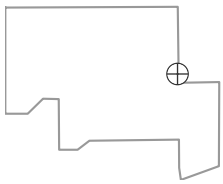
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

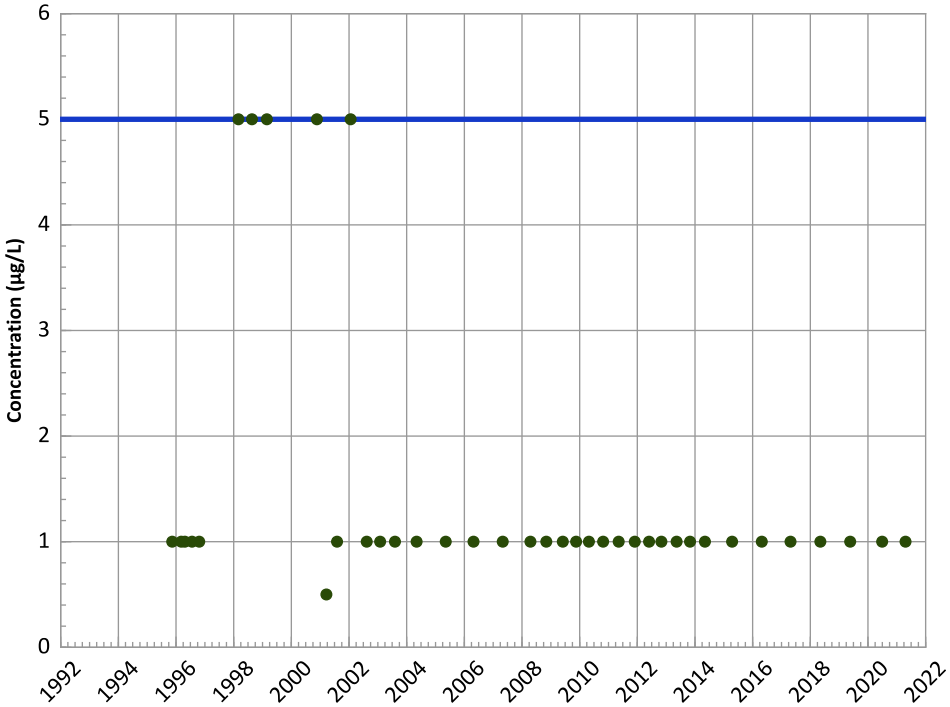
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

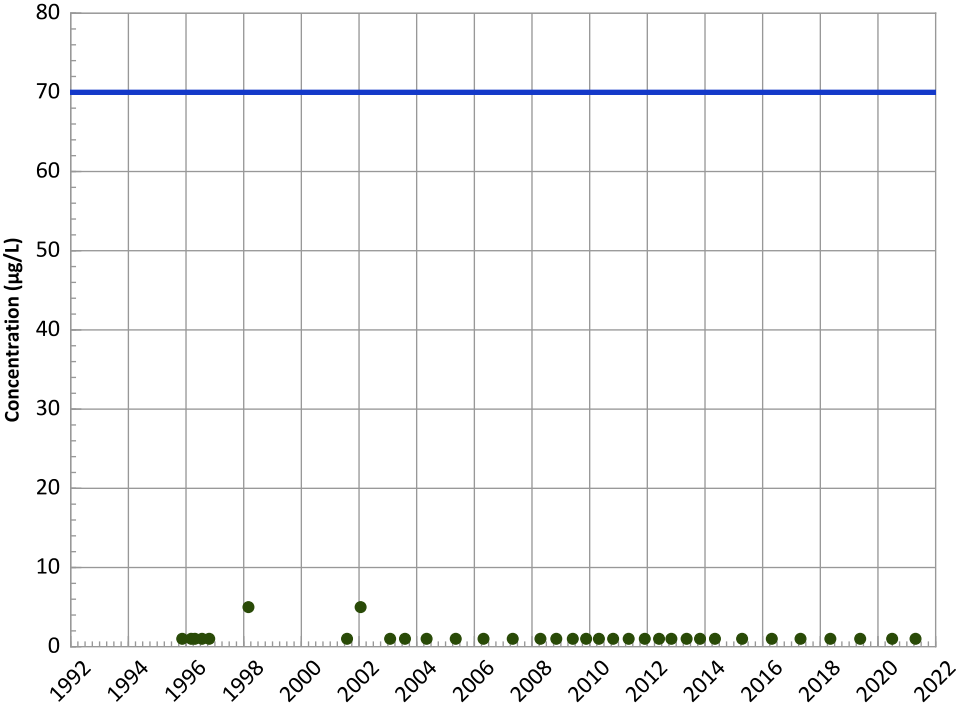


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

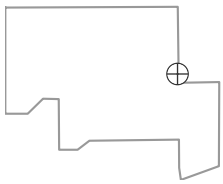
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

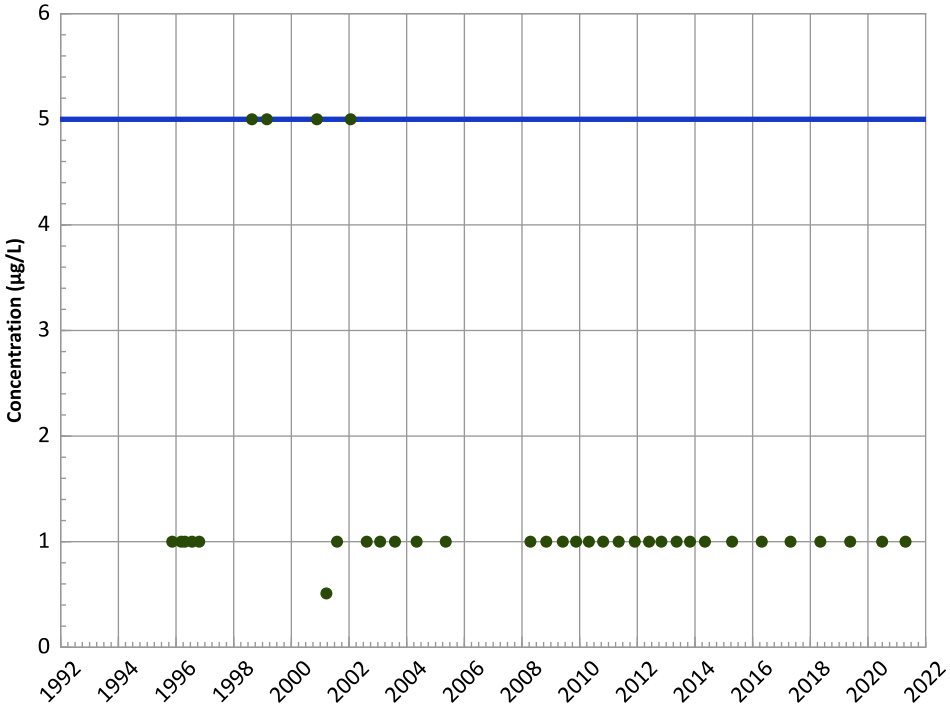
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

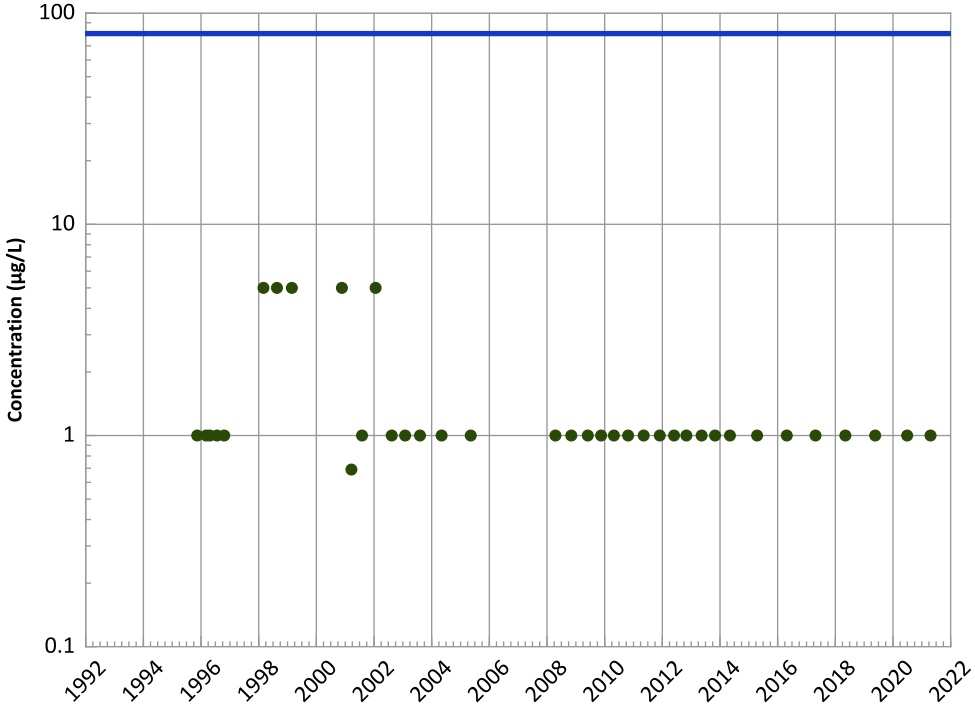


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

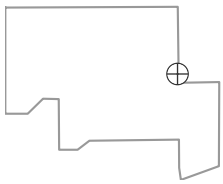
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

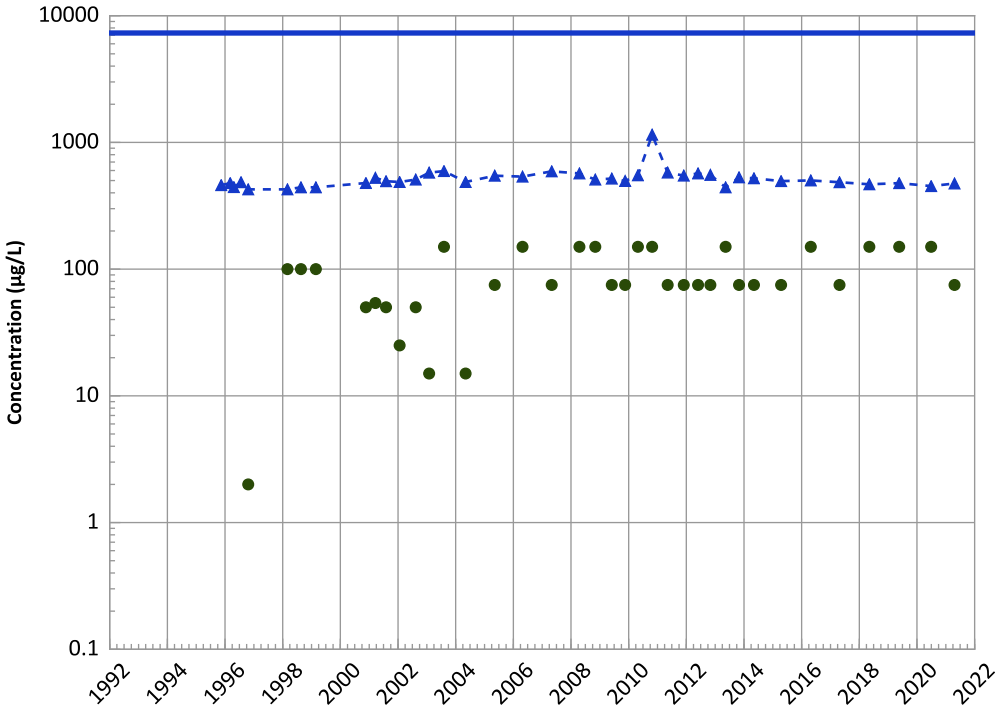
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

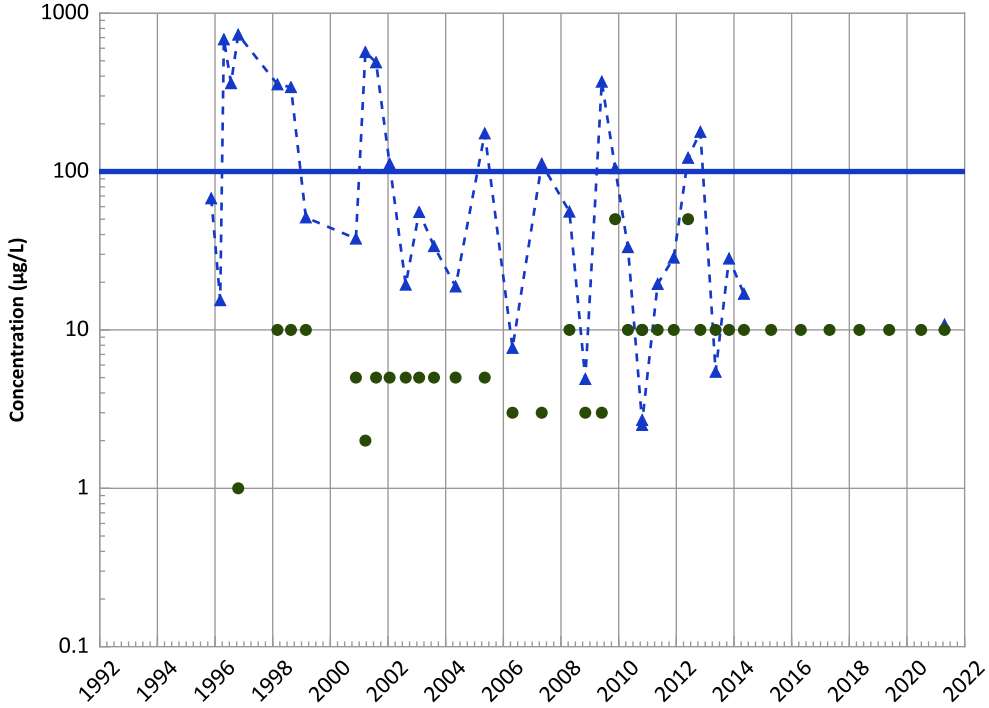


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

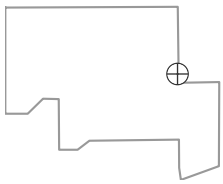
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

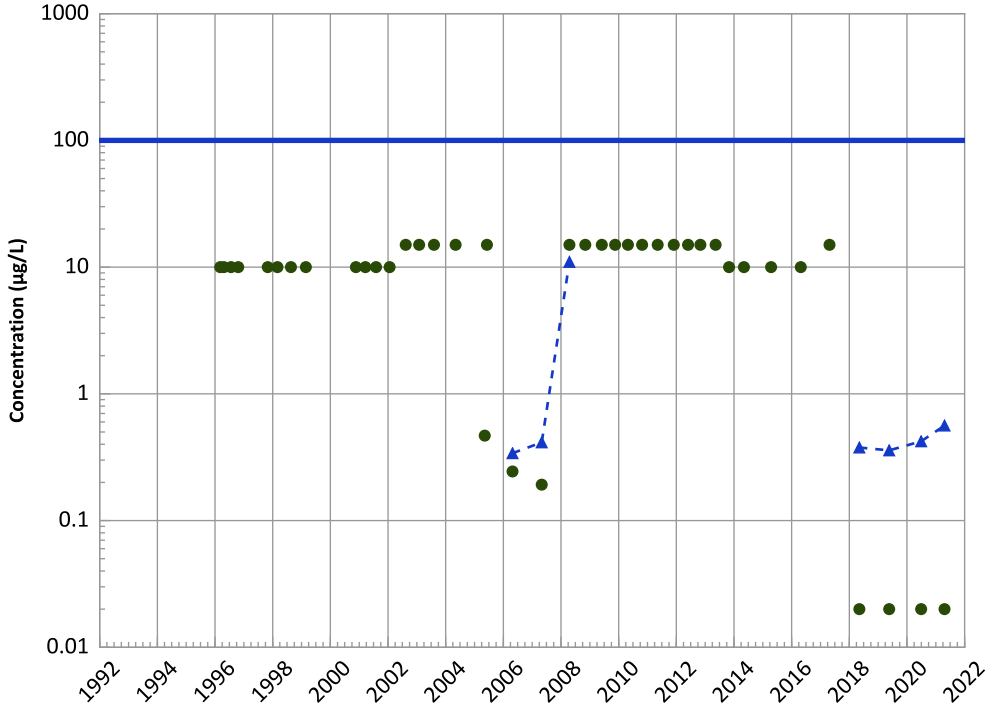
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

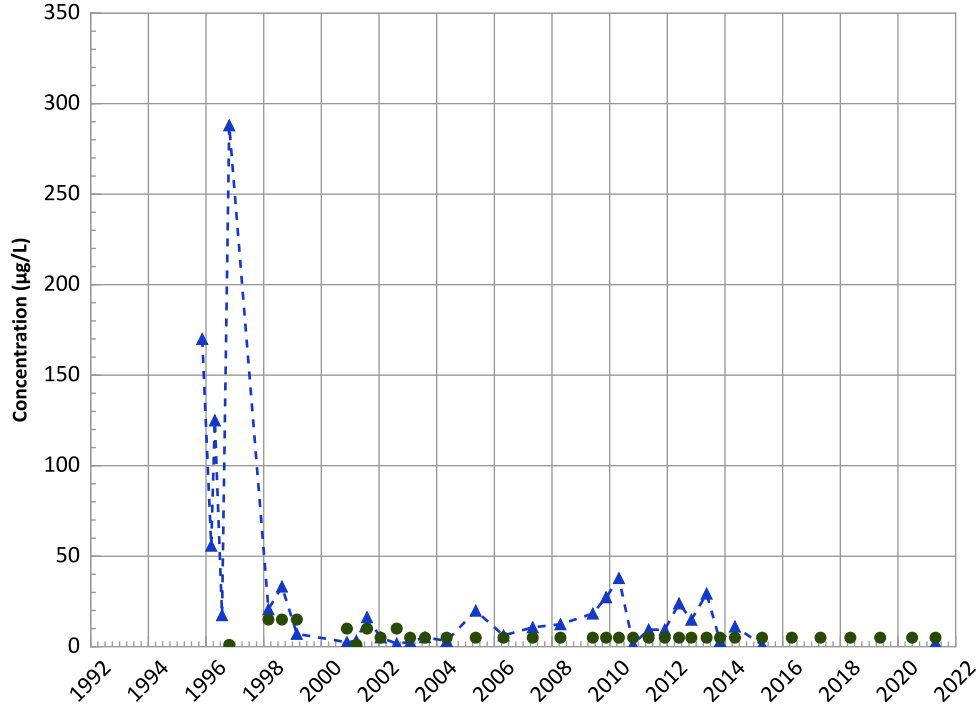


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Manganese Trend



Concentration Trend

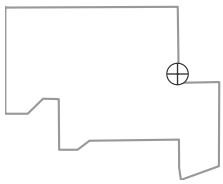
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

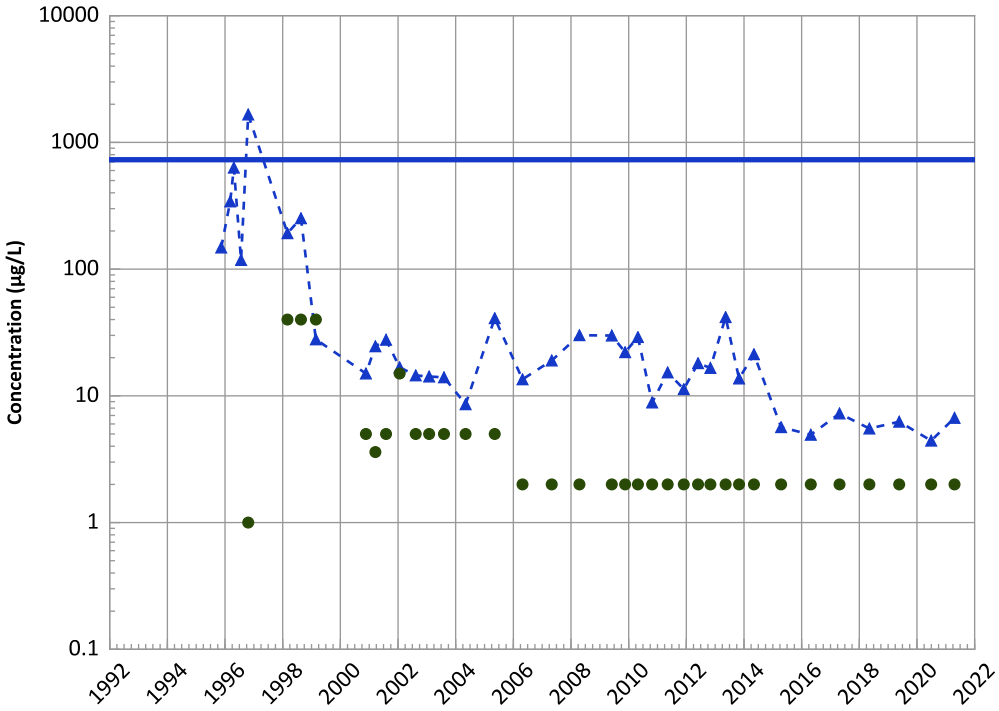
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

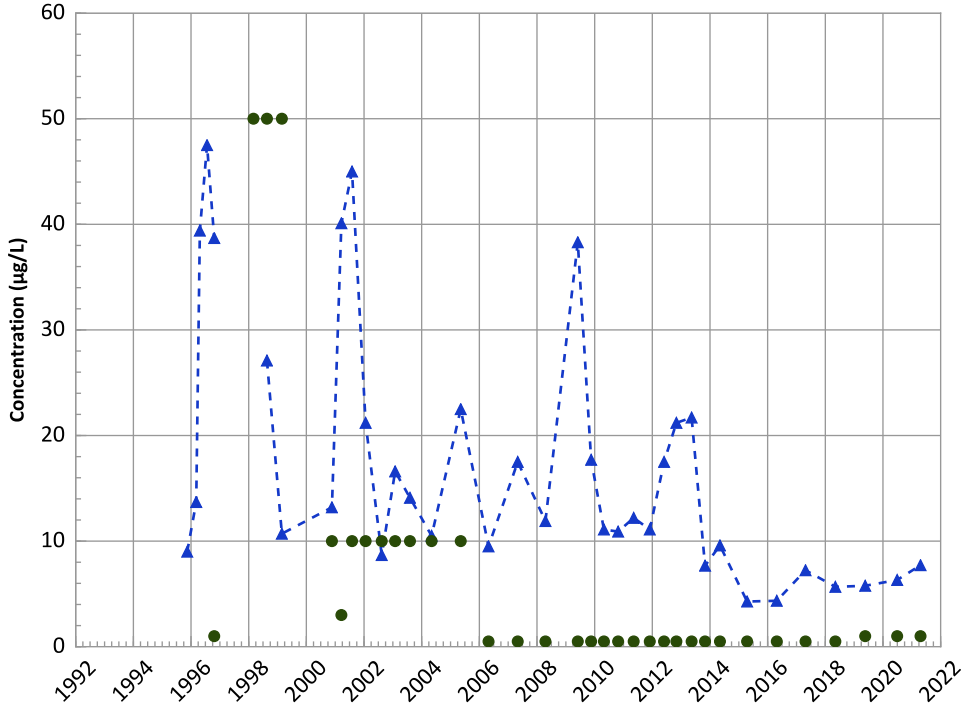


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

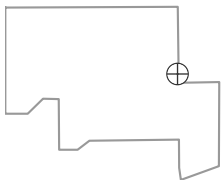
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

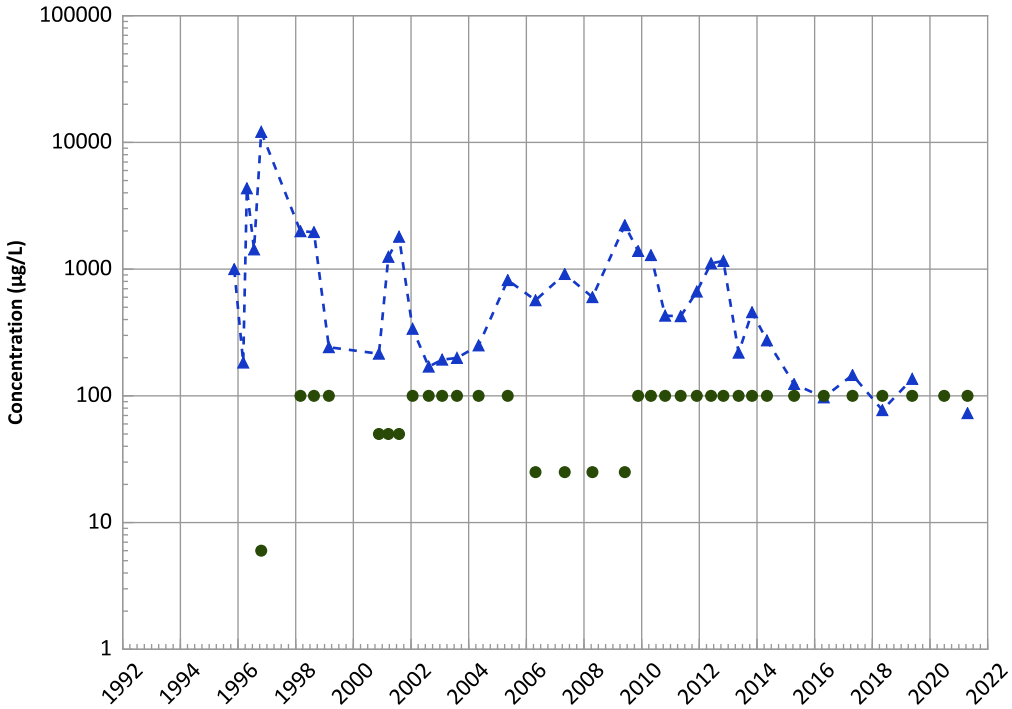
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1013 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

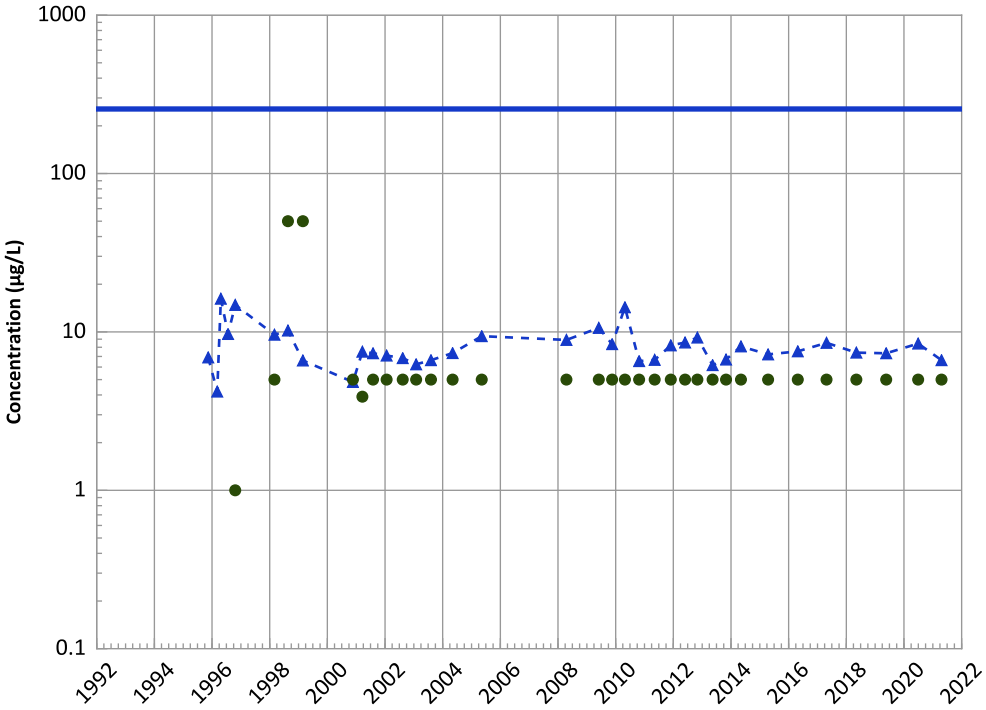


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Vanadium Trend



Concentration Trend

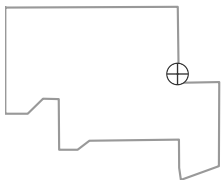
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

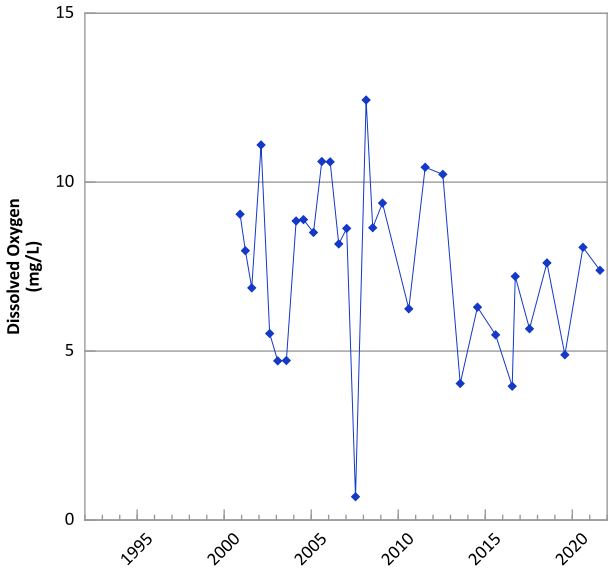
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 04/21/2021
Analysis Date: 04/05/2022

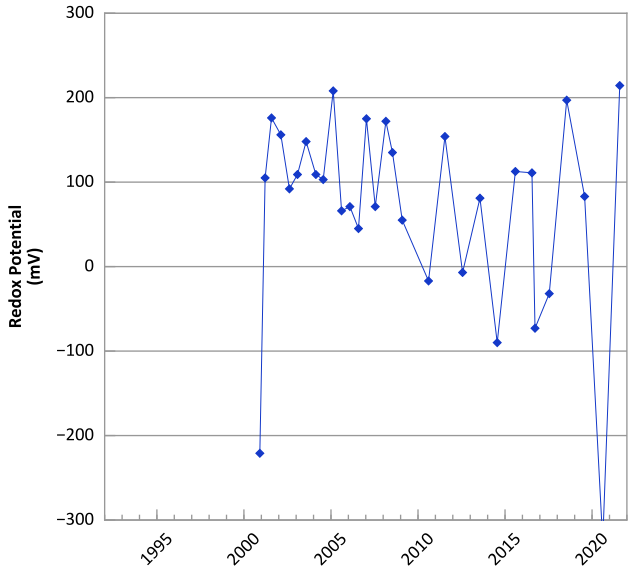
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

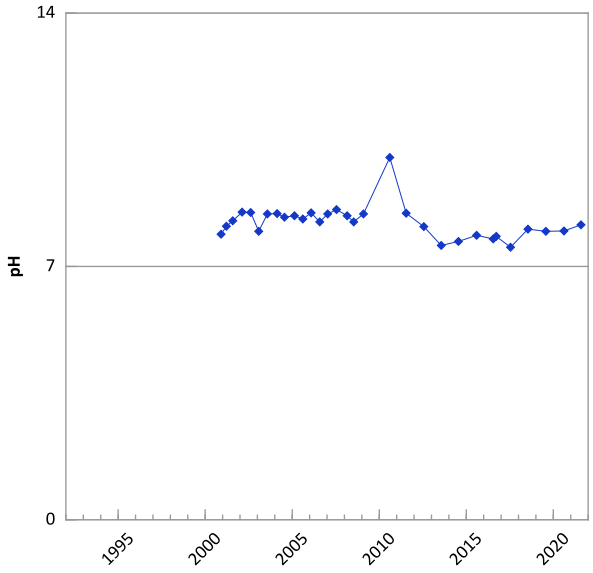
Well Location

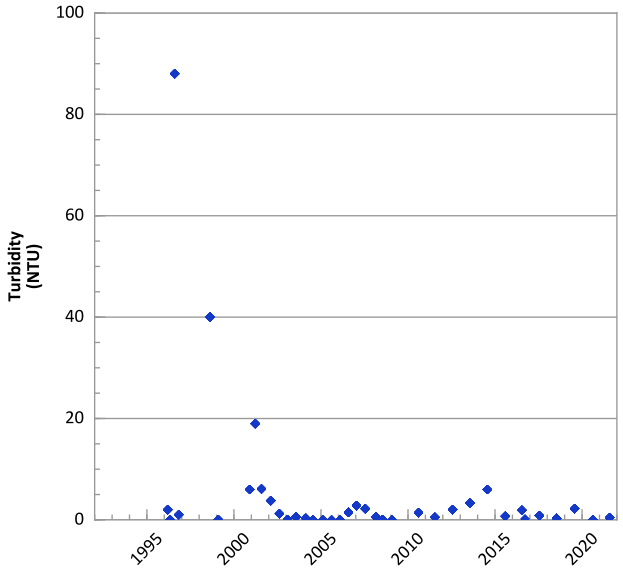


PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



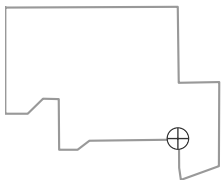






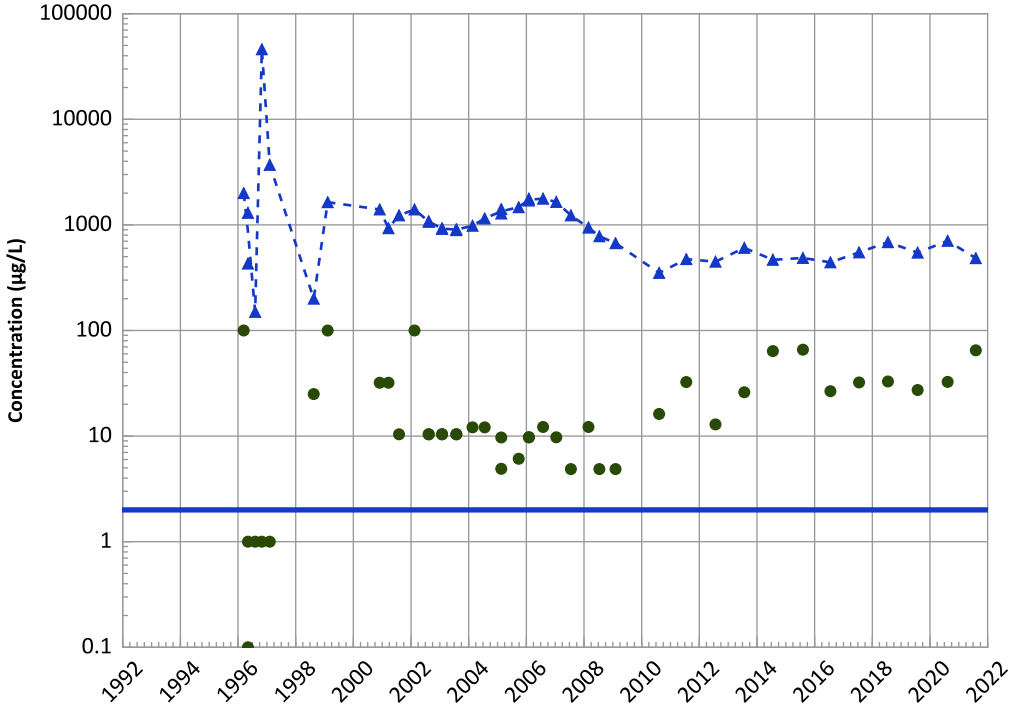
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

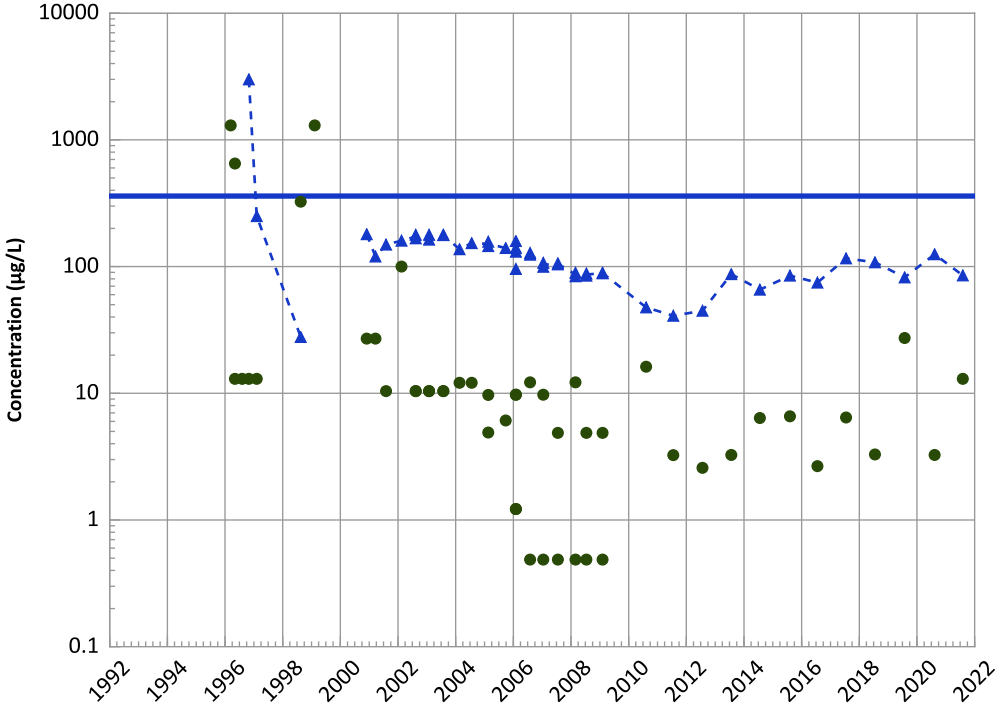


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

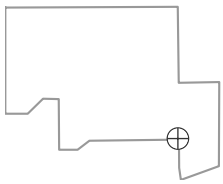
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

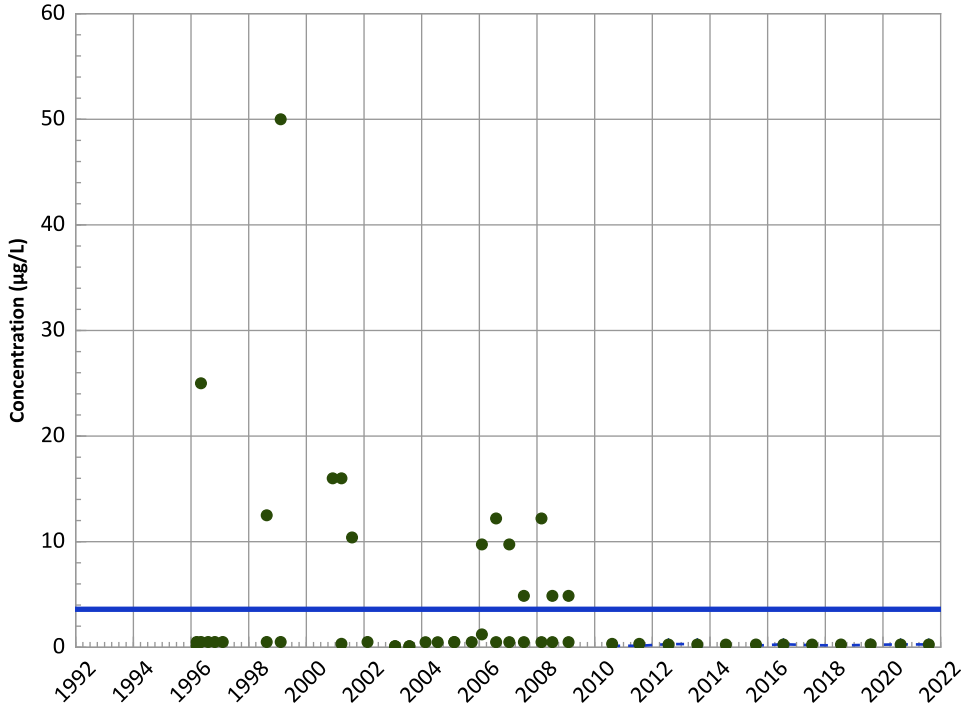
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

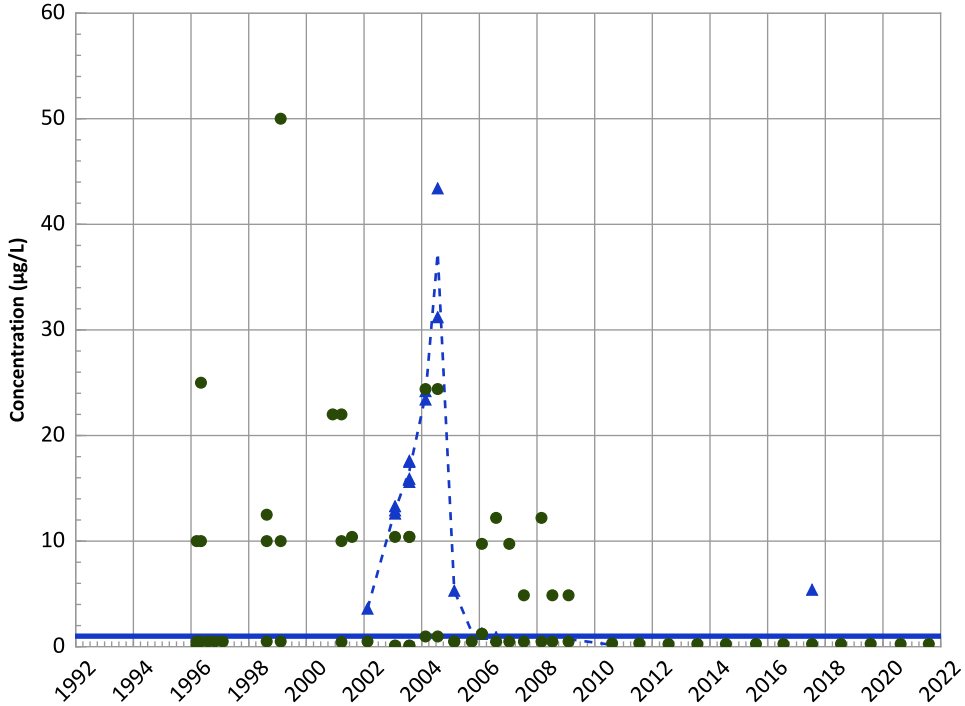


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

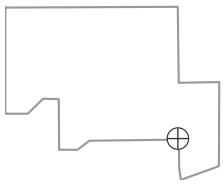
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

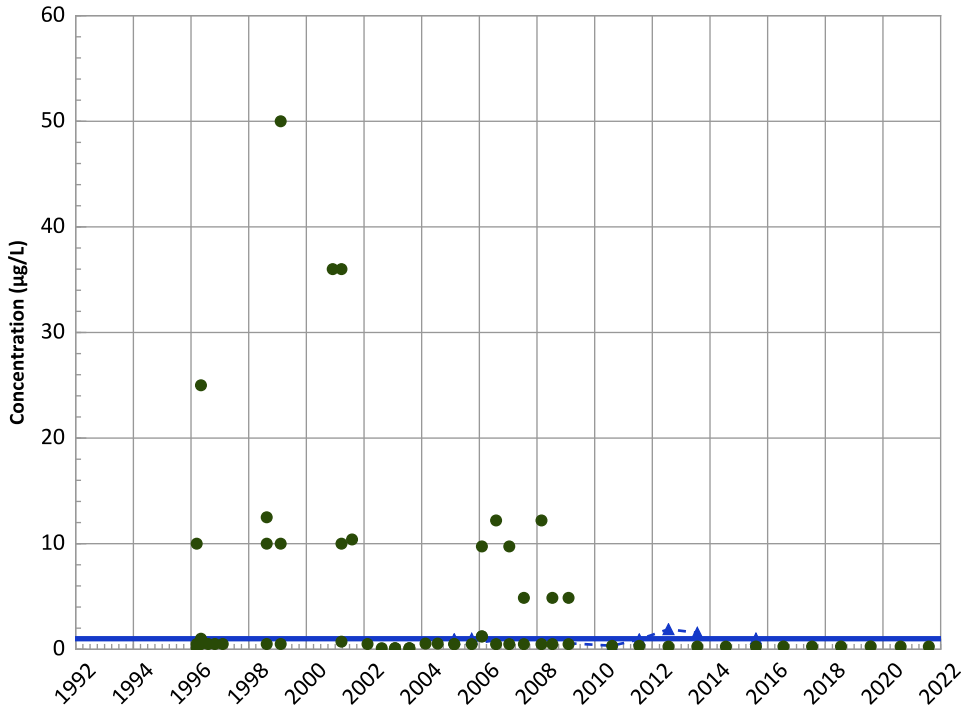
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

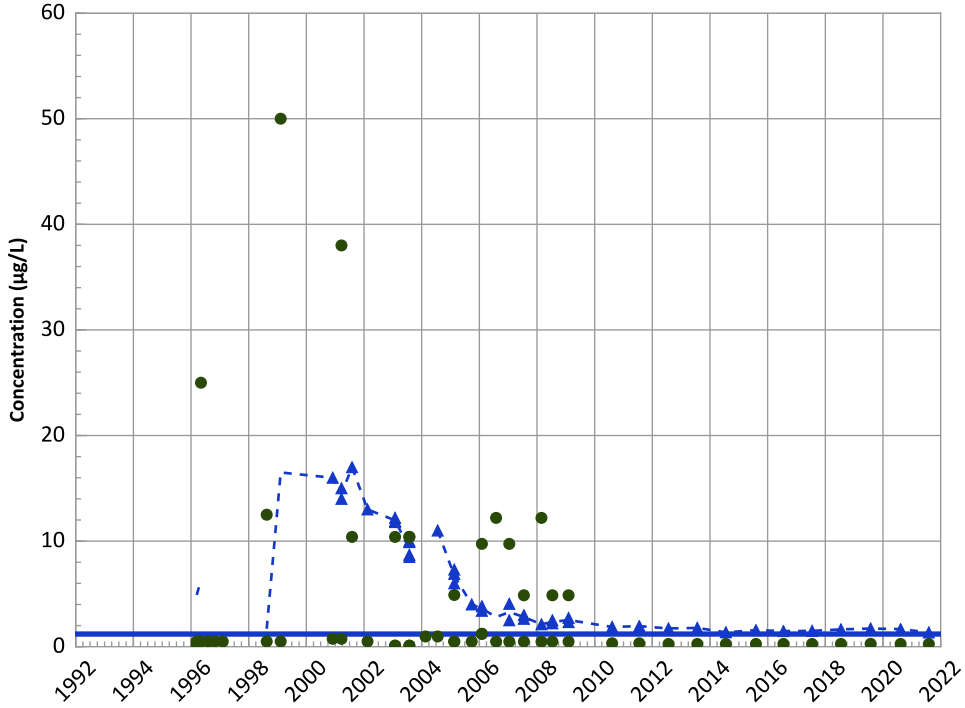


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

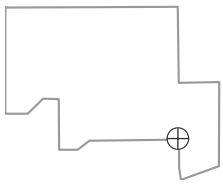
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

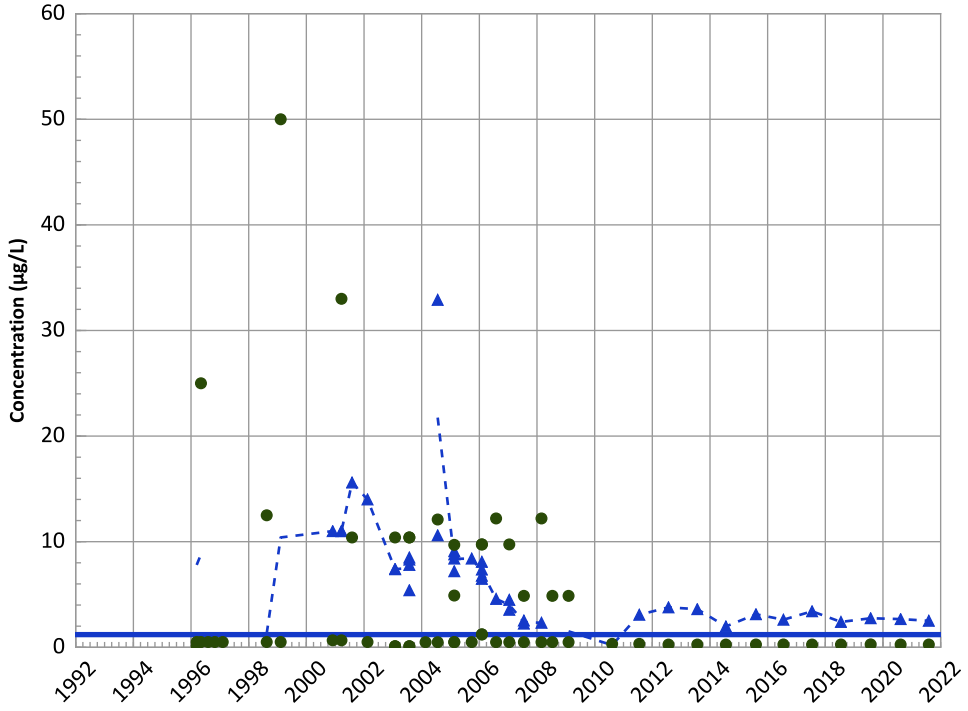
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

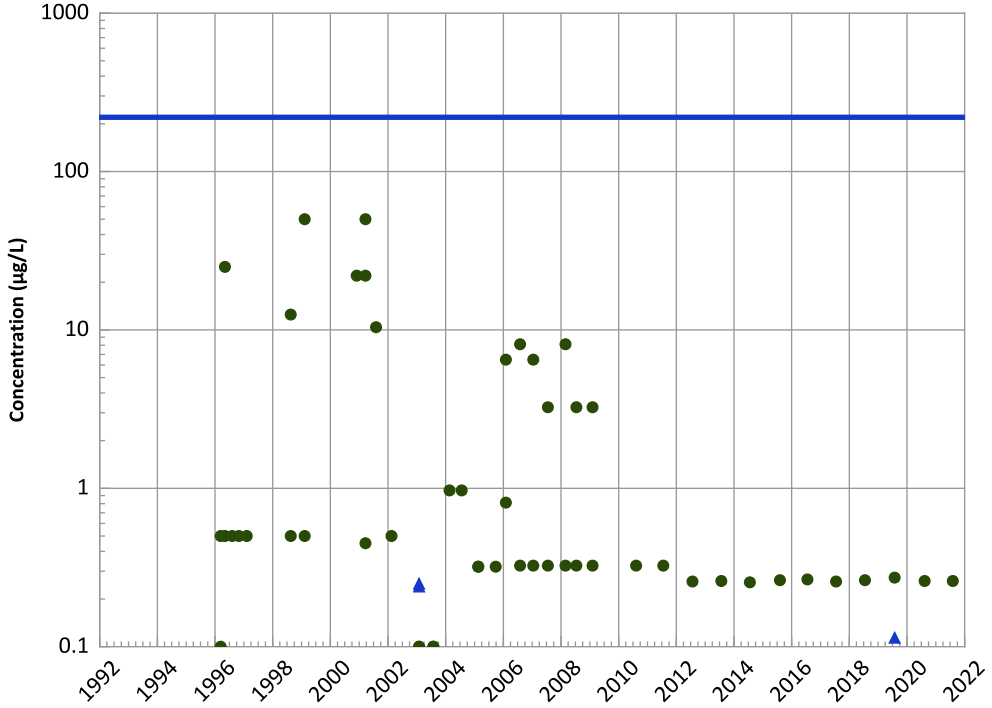


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

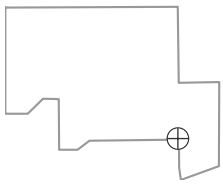
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

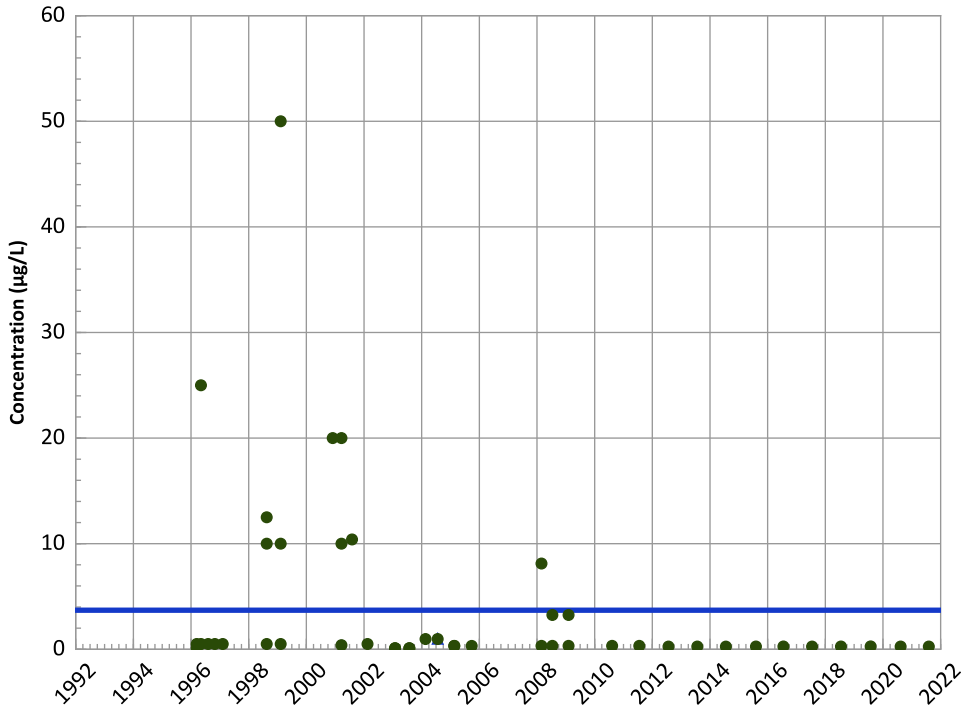
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

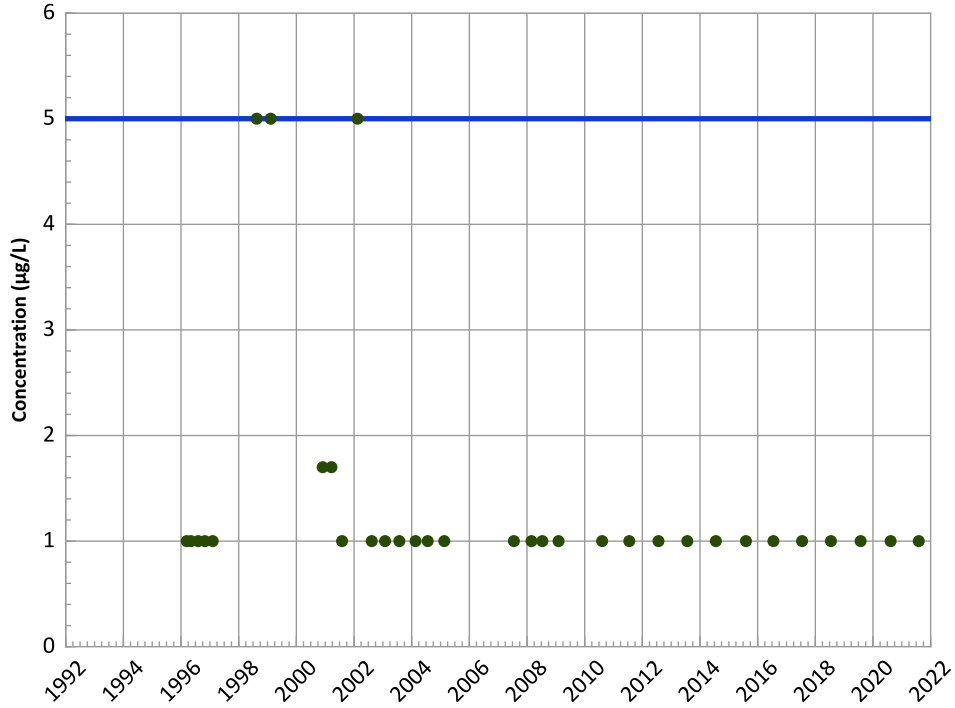


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

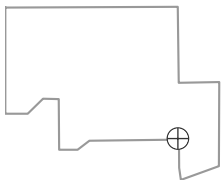
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

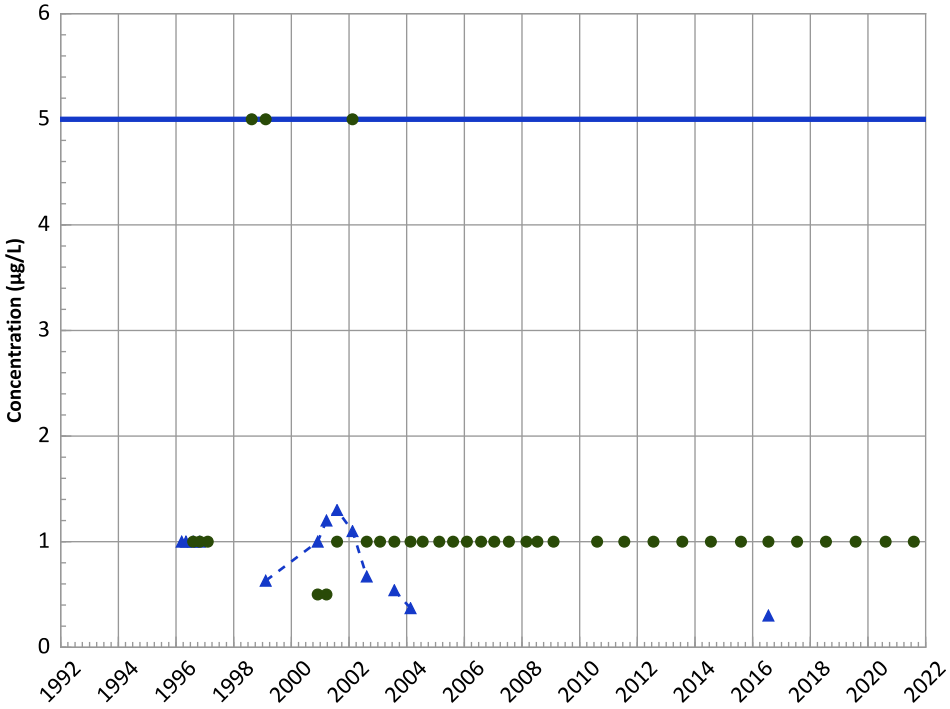
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

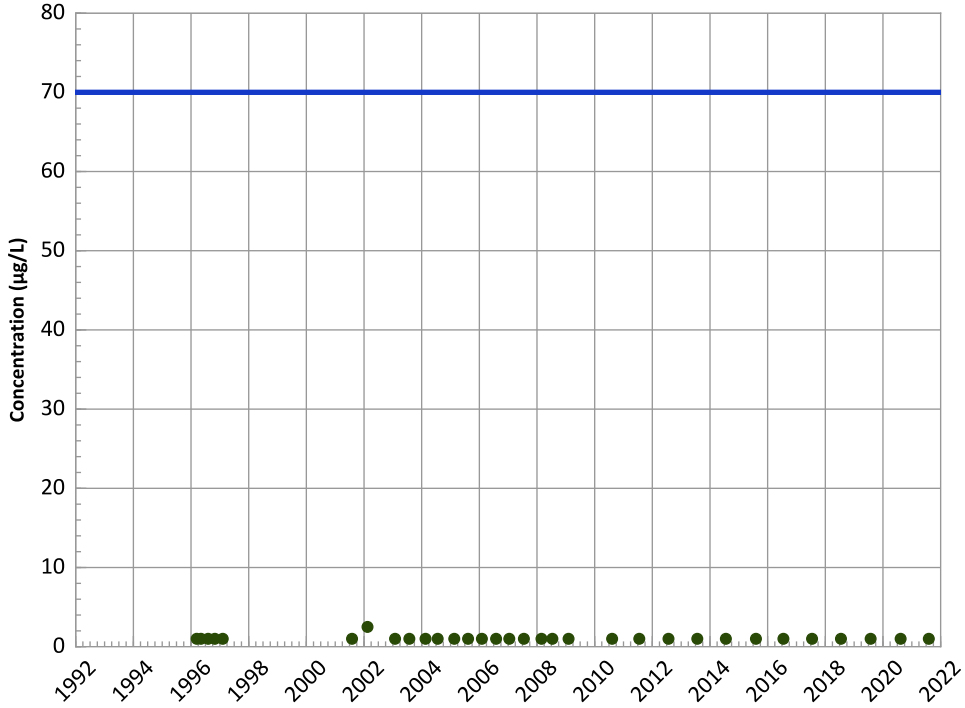


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

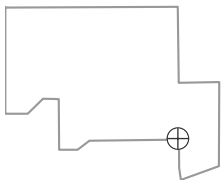
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

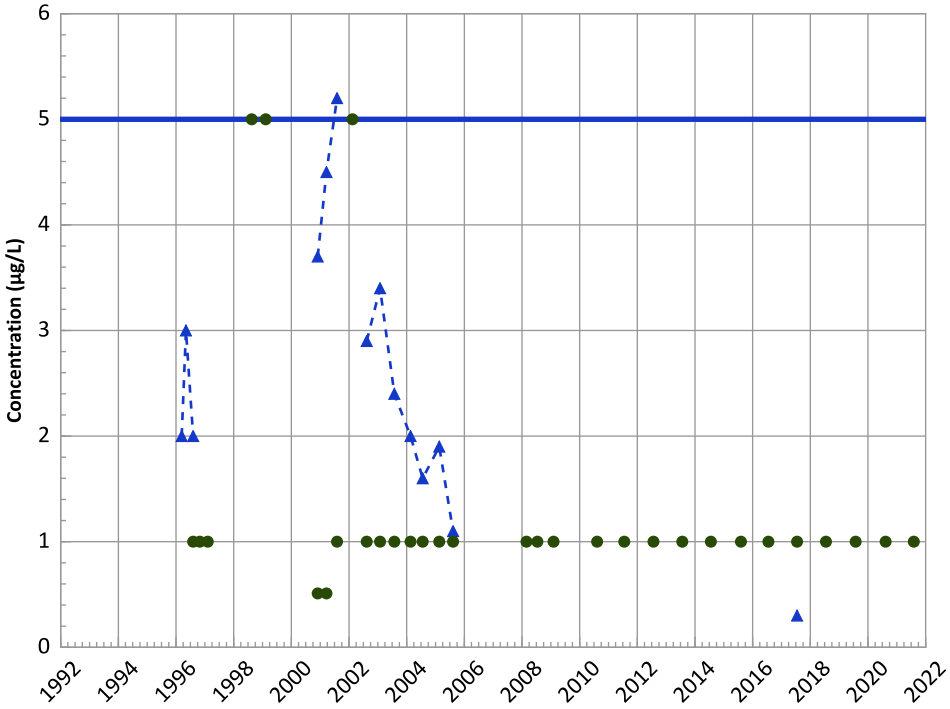
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

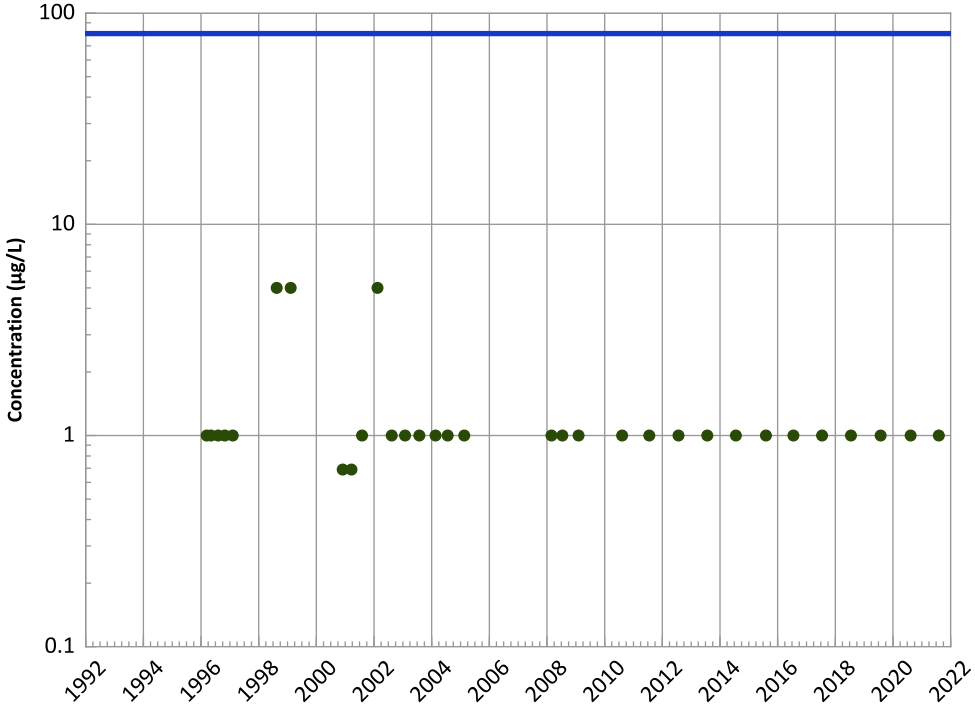


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

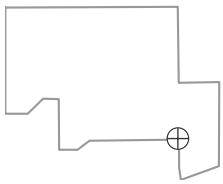
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

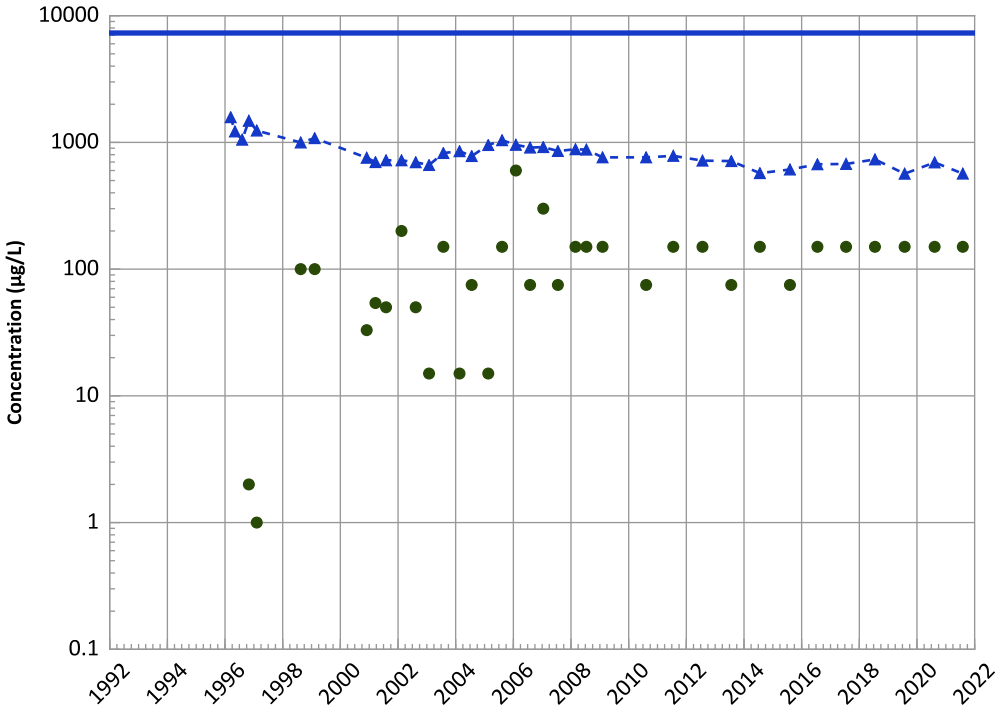
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

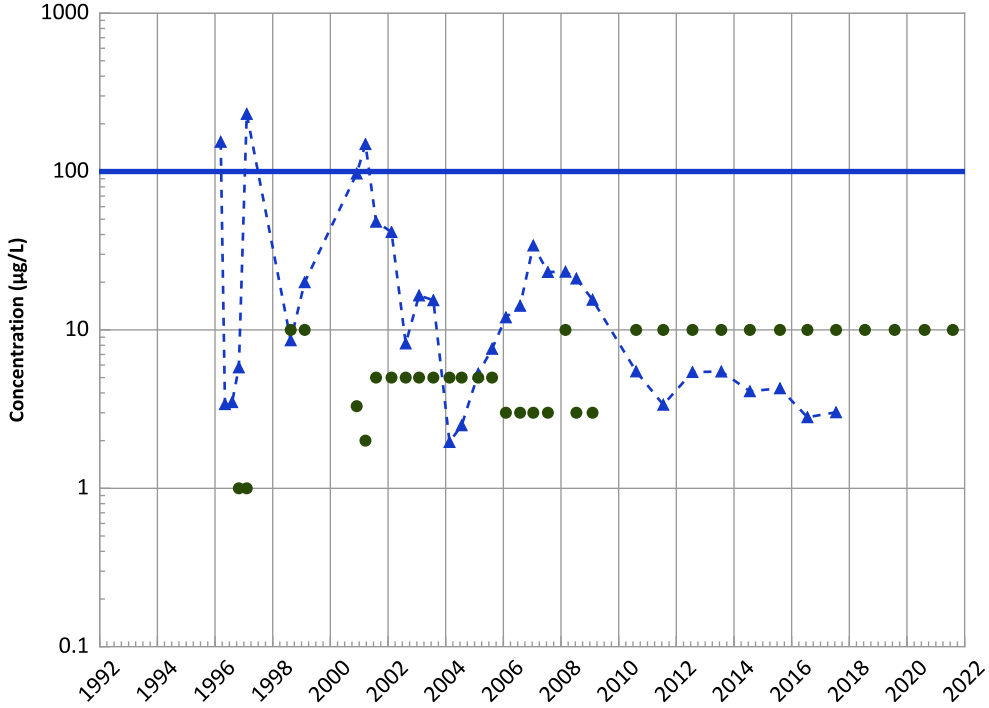


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

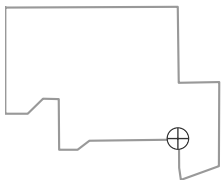
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

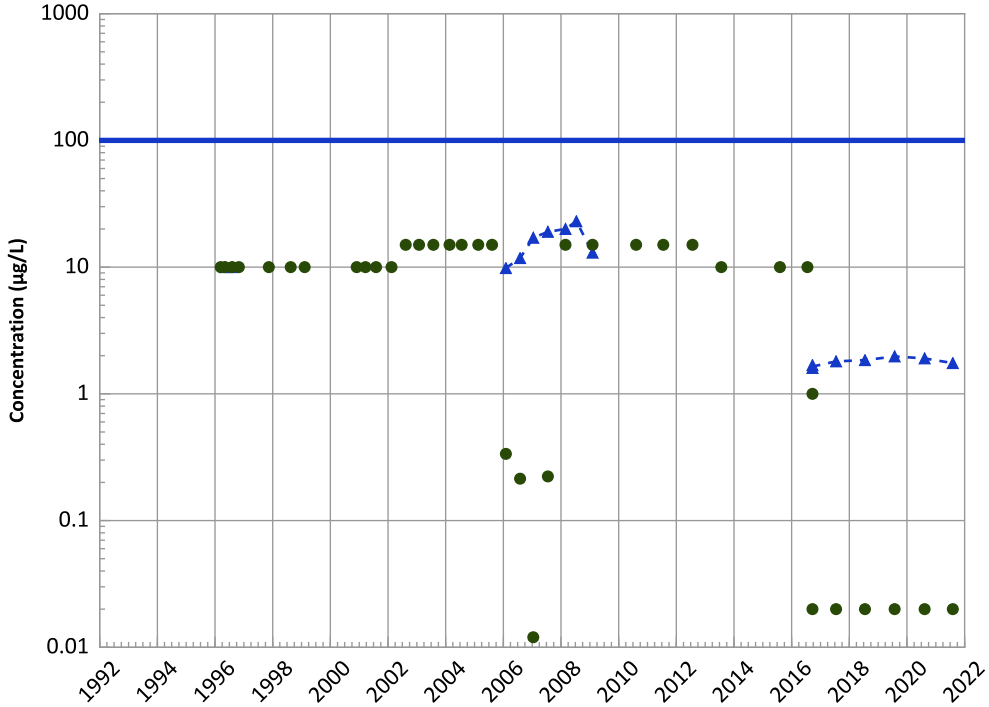
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

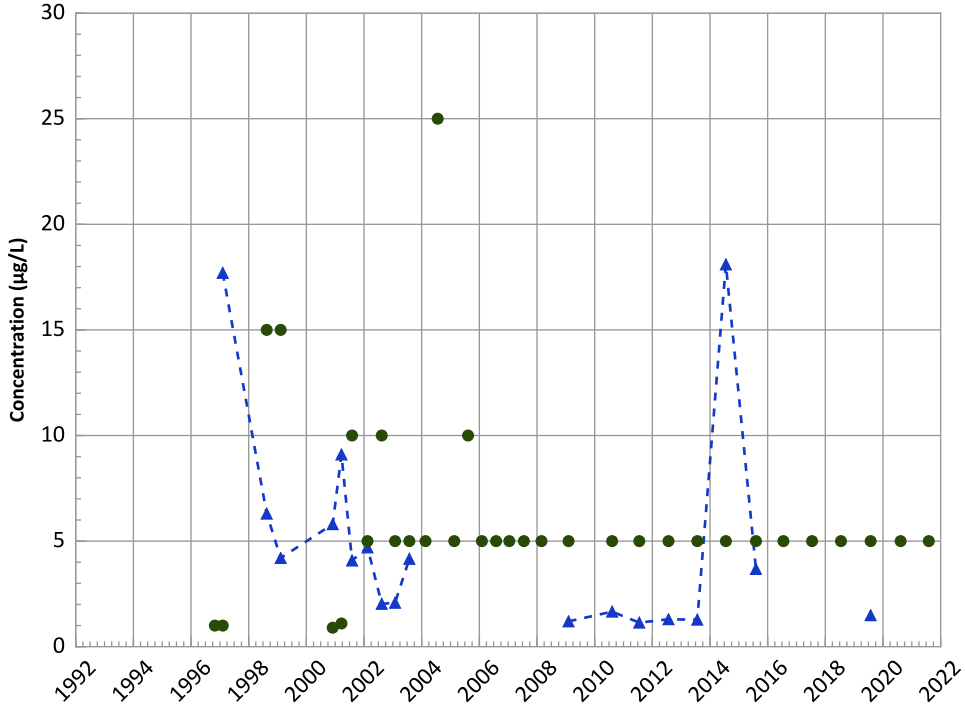


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Manganese Trend



Concentration Trend

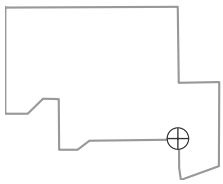
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

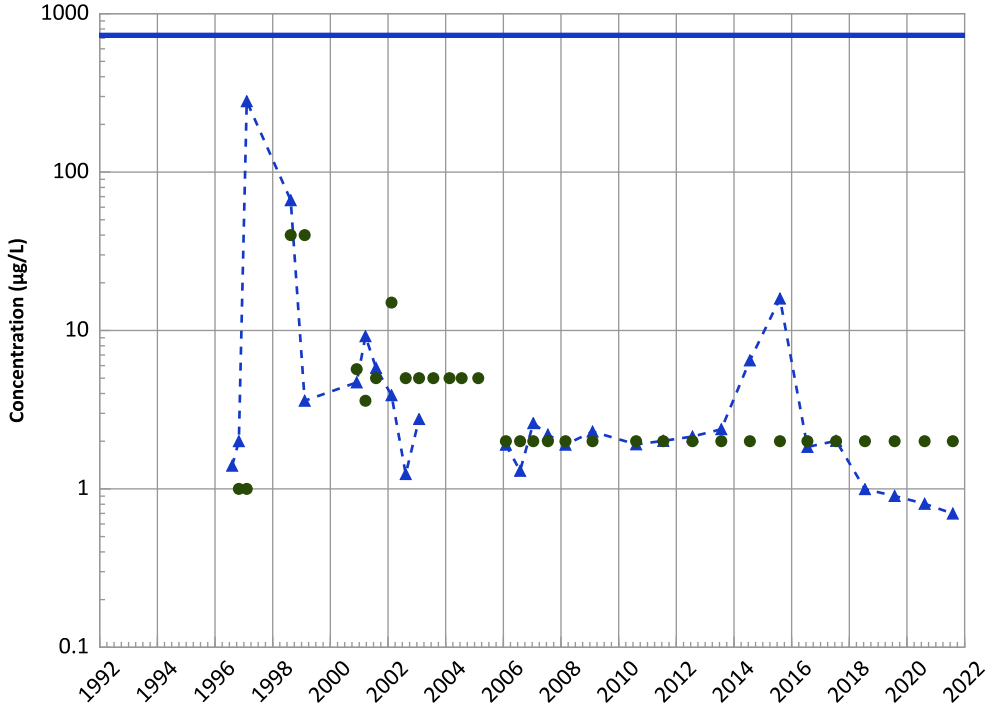
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

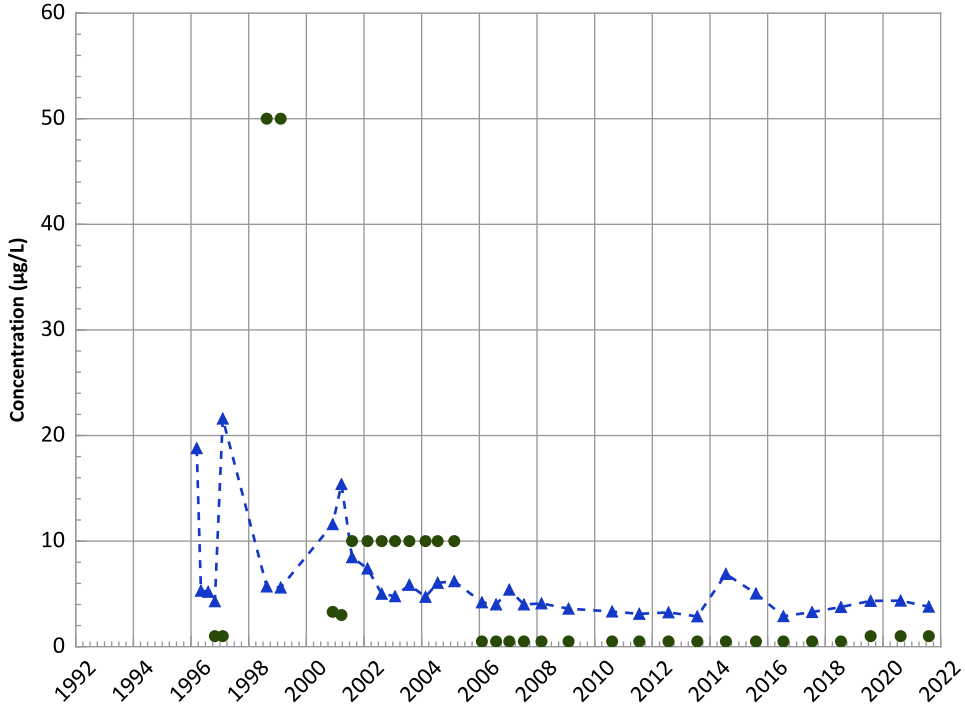


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

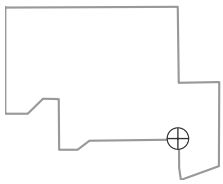
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

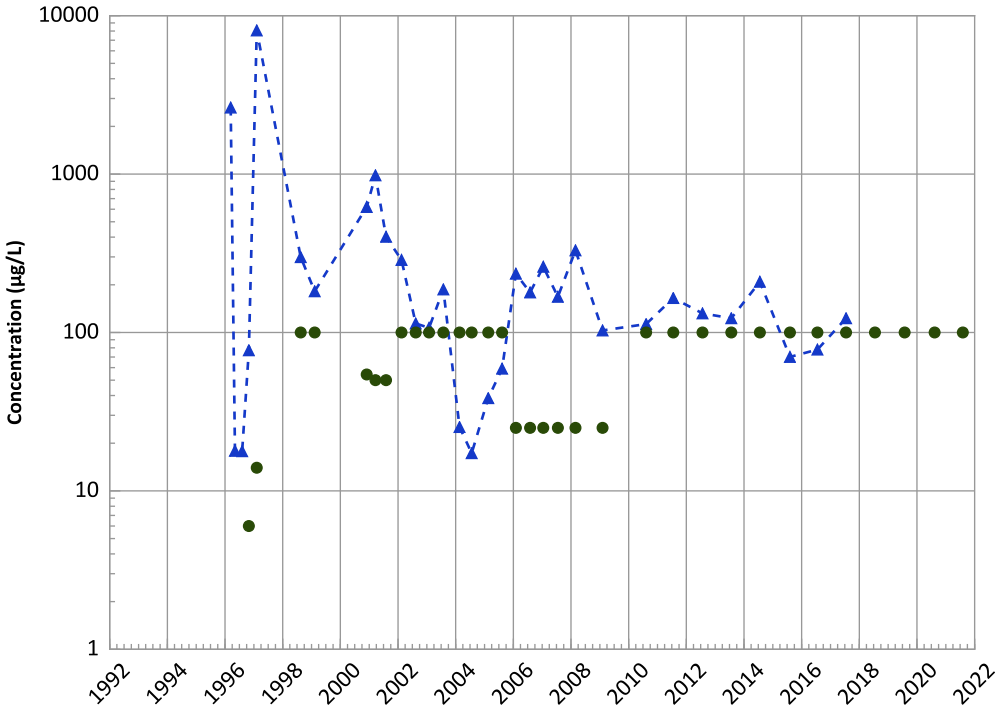
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

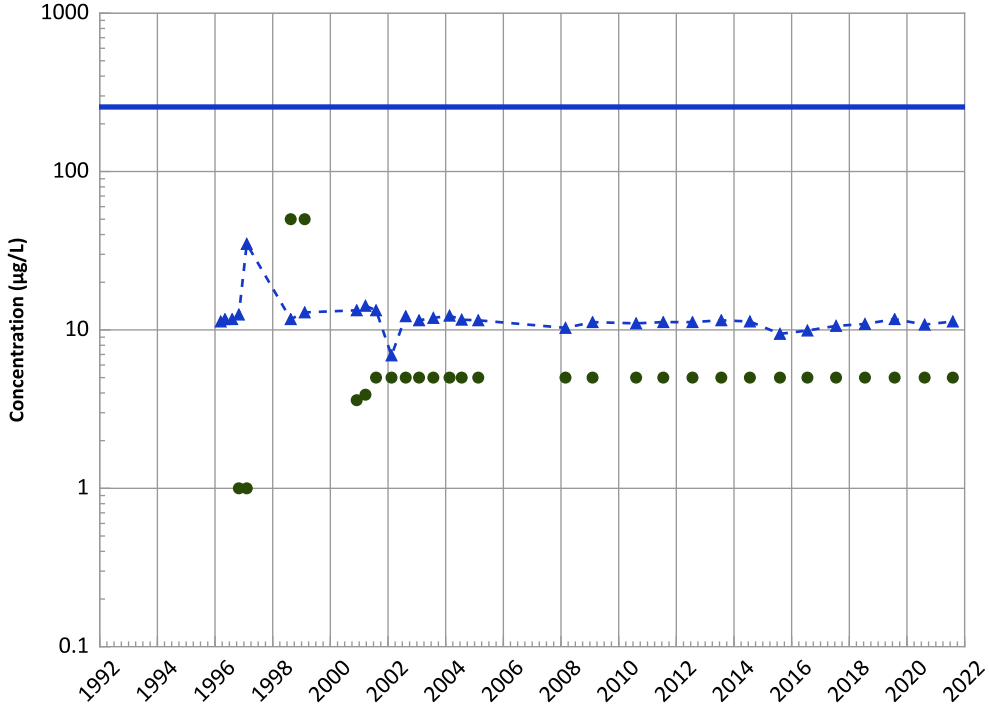


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Vanadium Trend



Concentration Trend

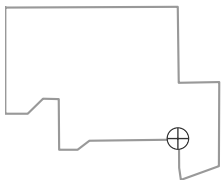
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

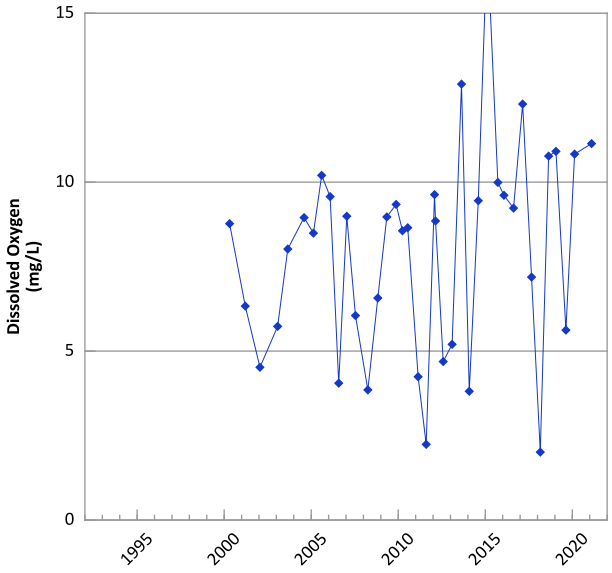
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/13/1996 to 08/04/2021
Analysis Date: 04/05/2022

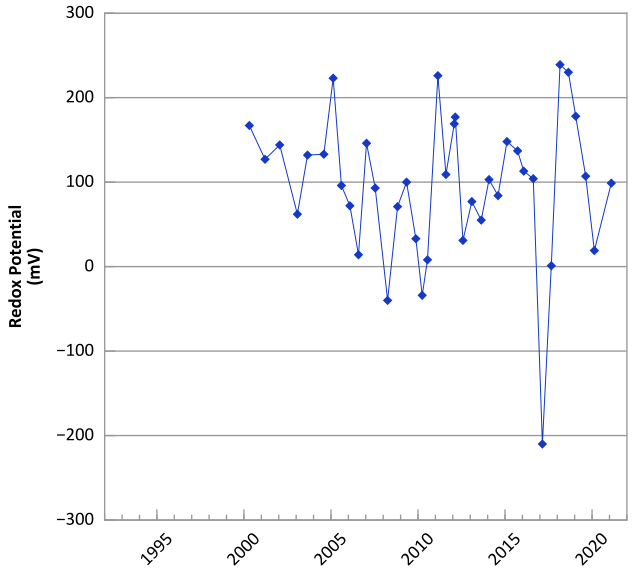
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

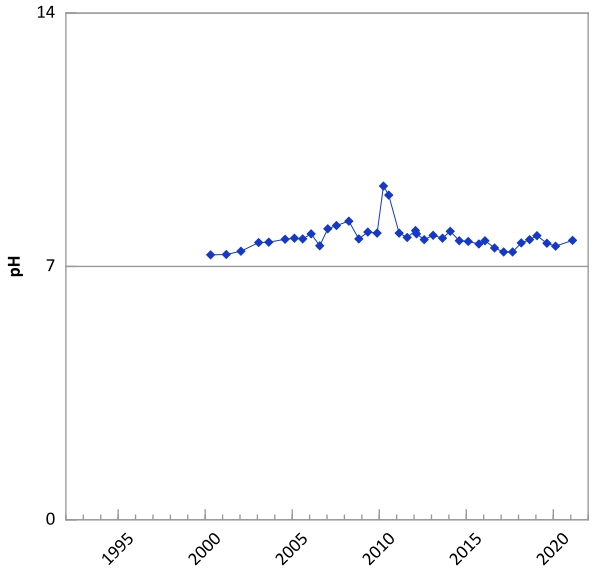
Well Location

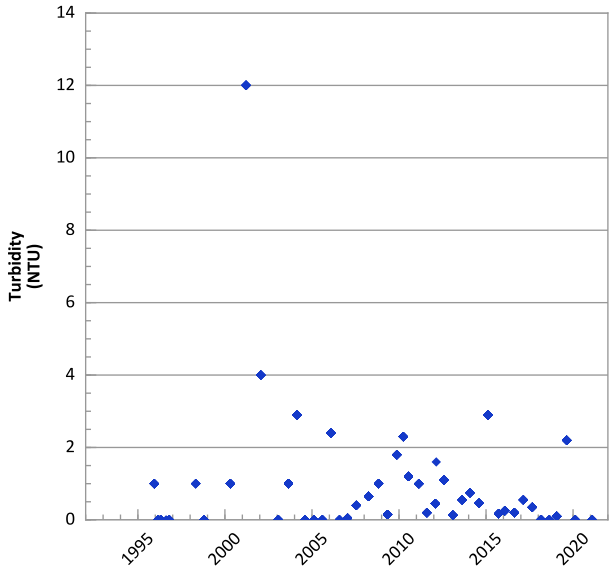


PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



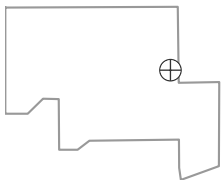






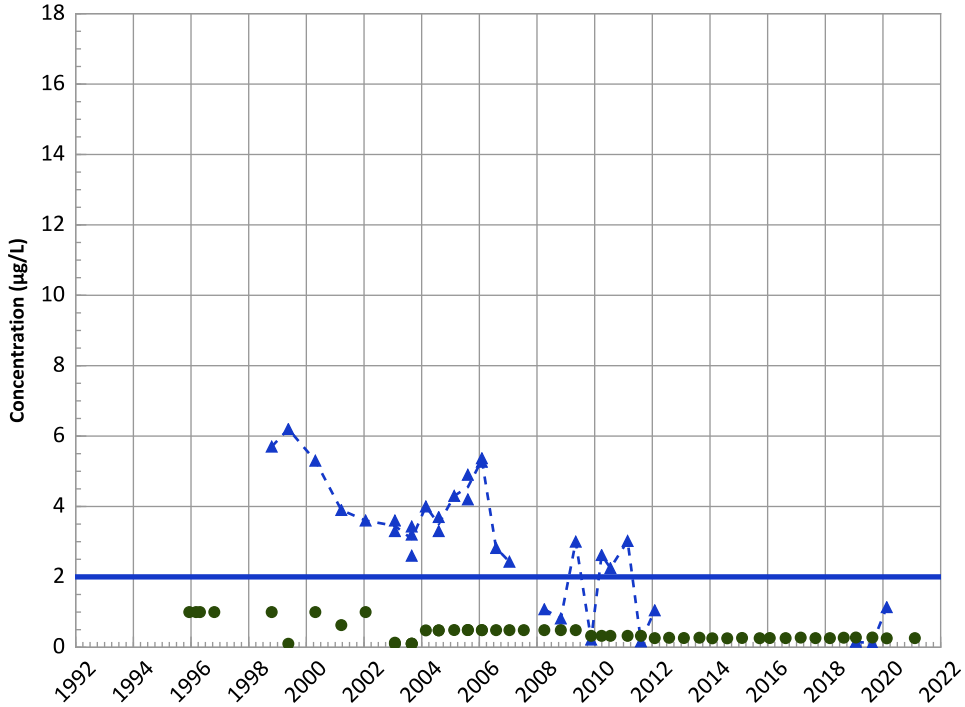
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

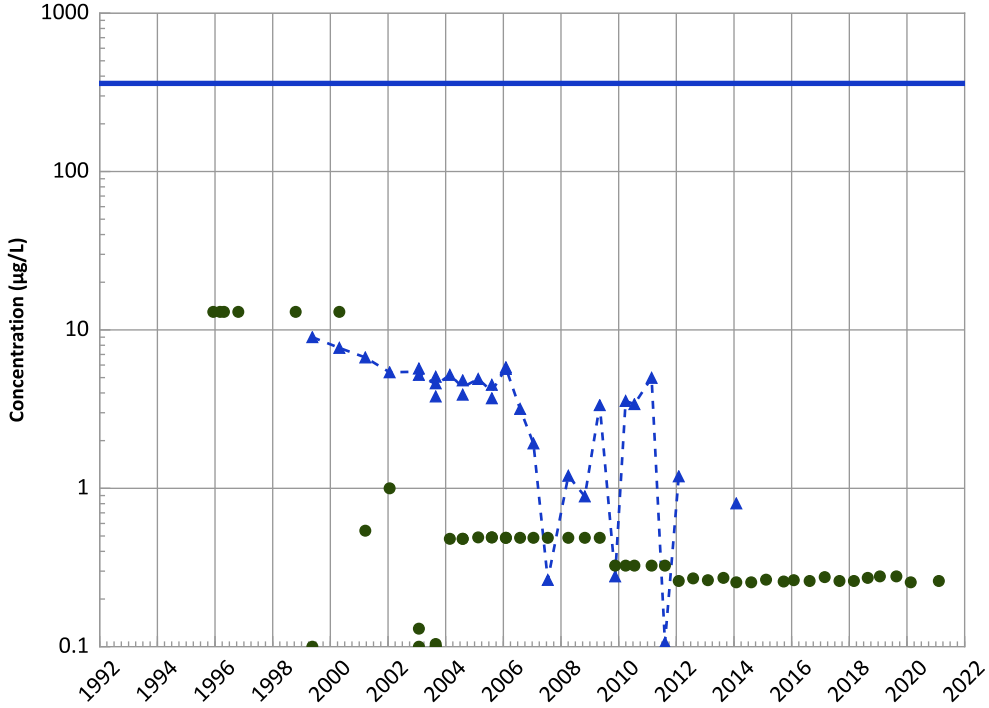


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

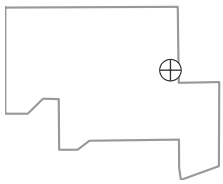
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

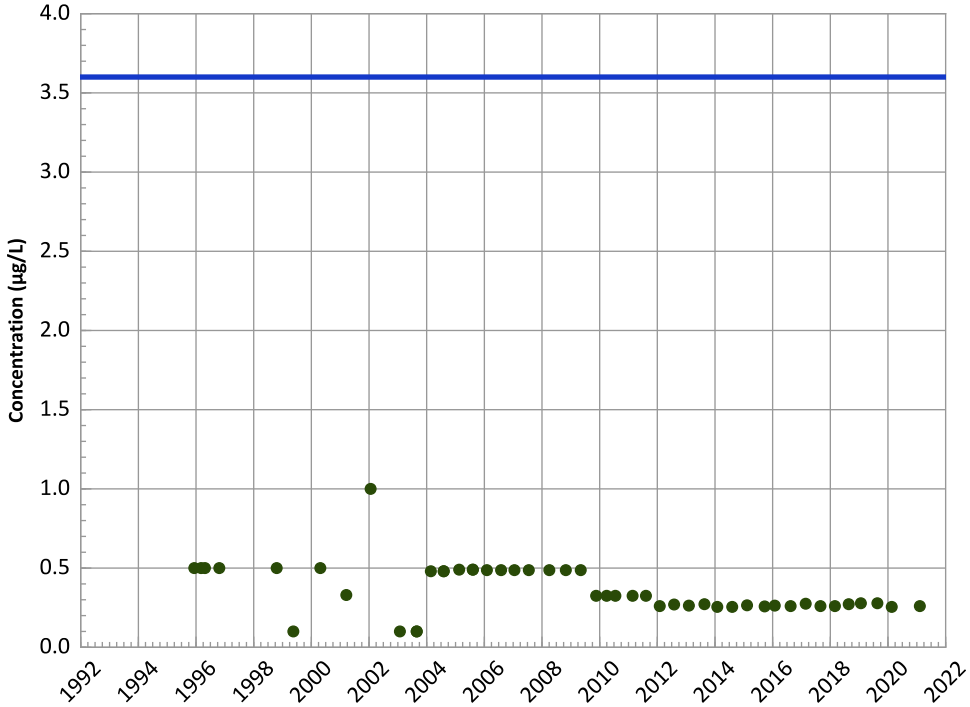
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

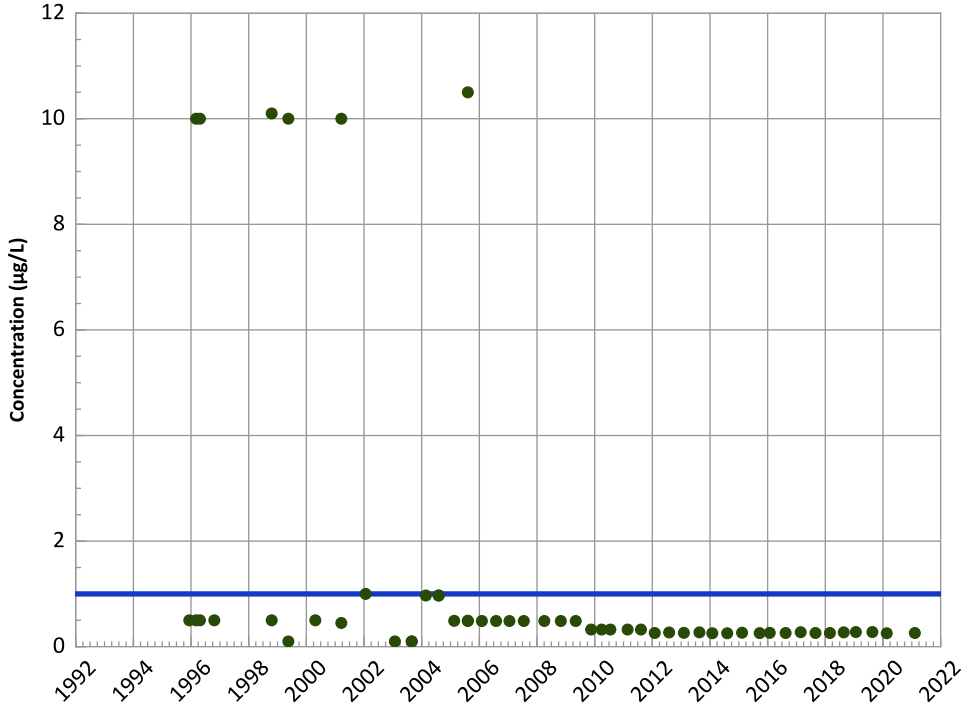


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

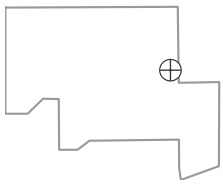
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

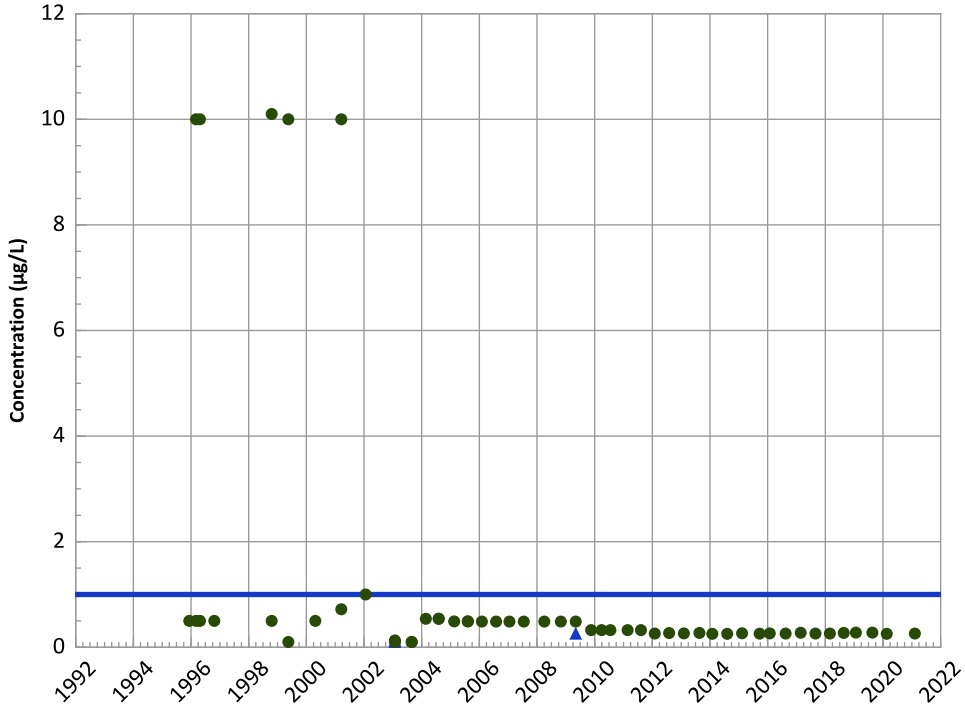
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

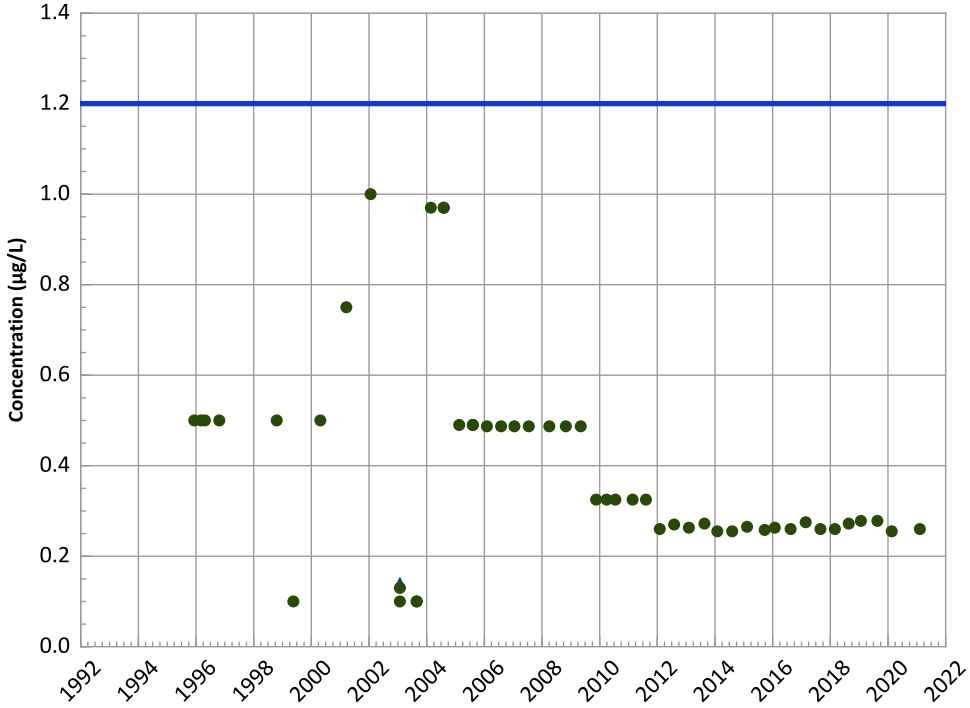


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

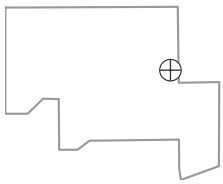
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

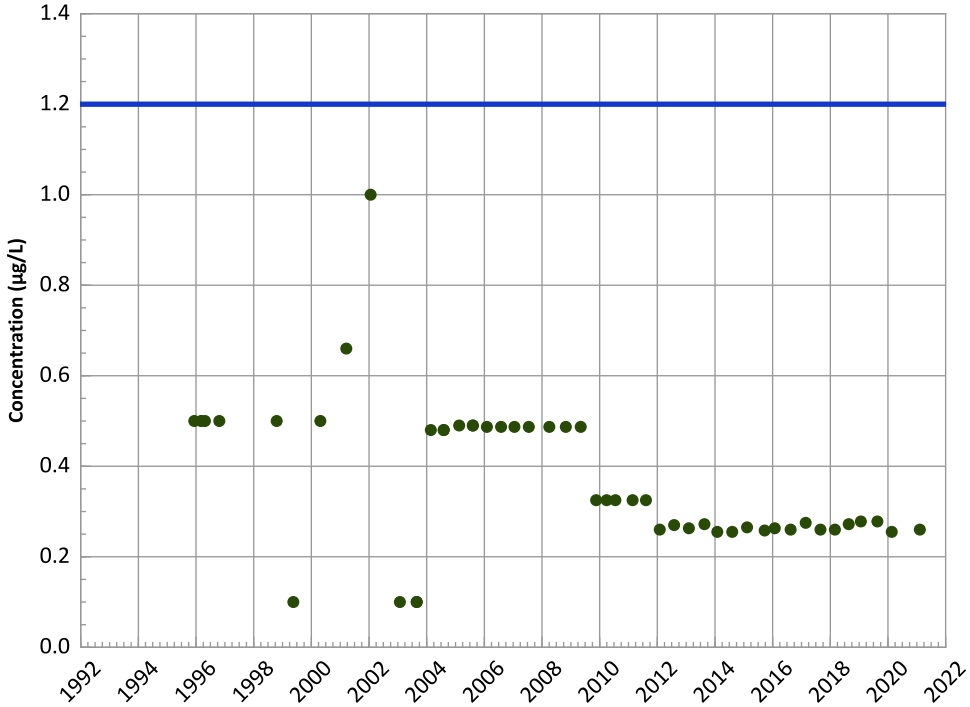
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

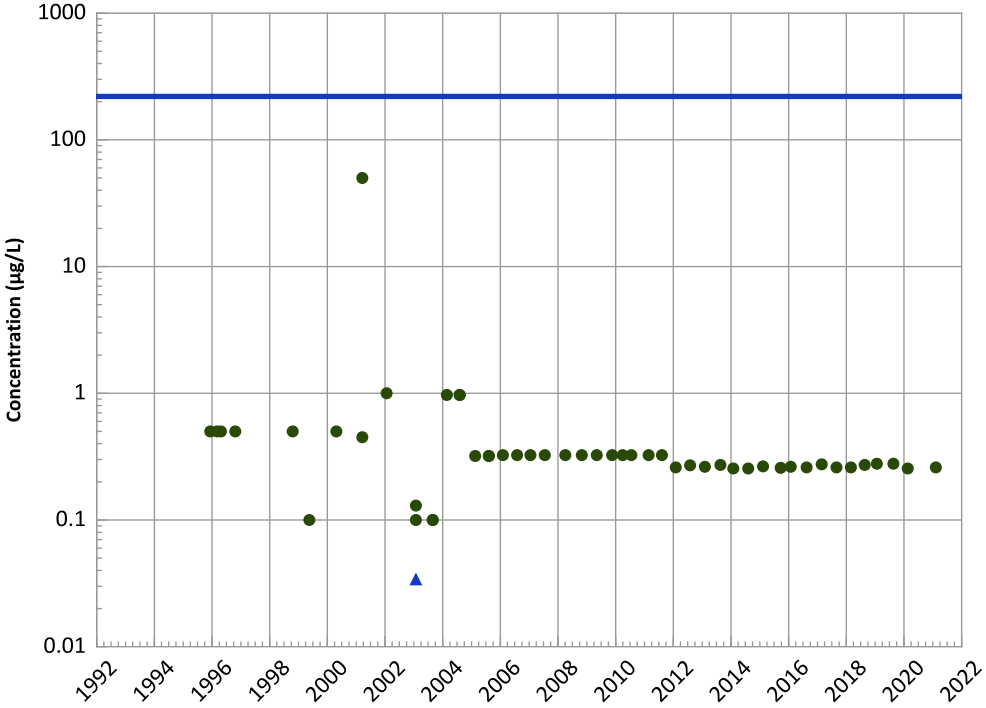


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

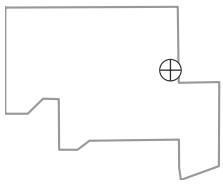
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

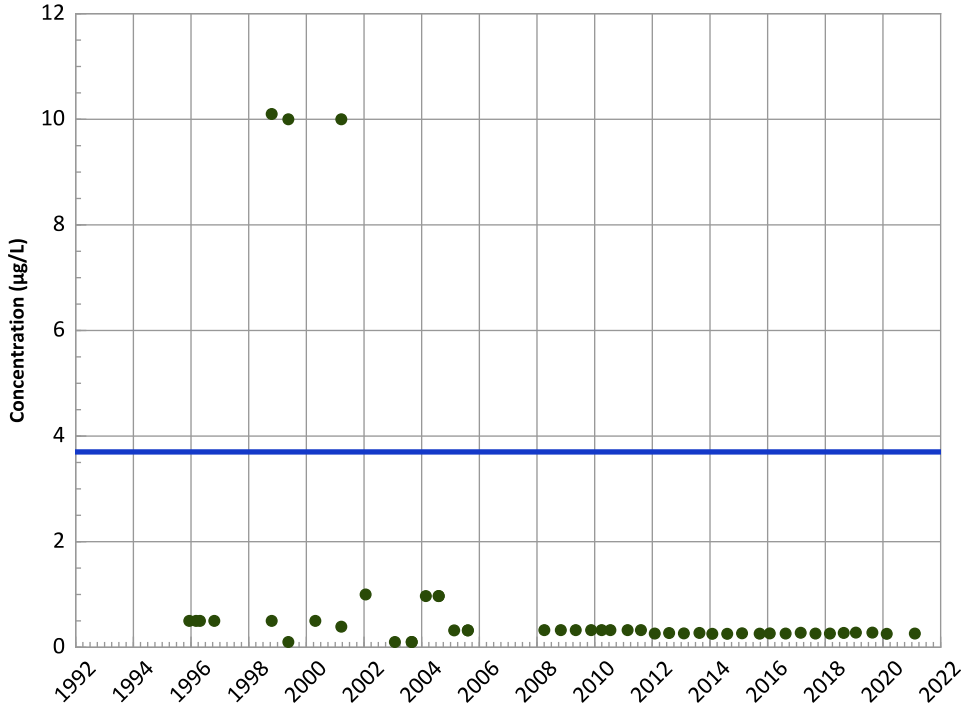
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

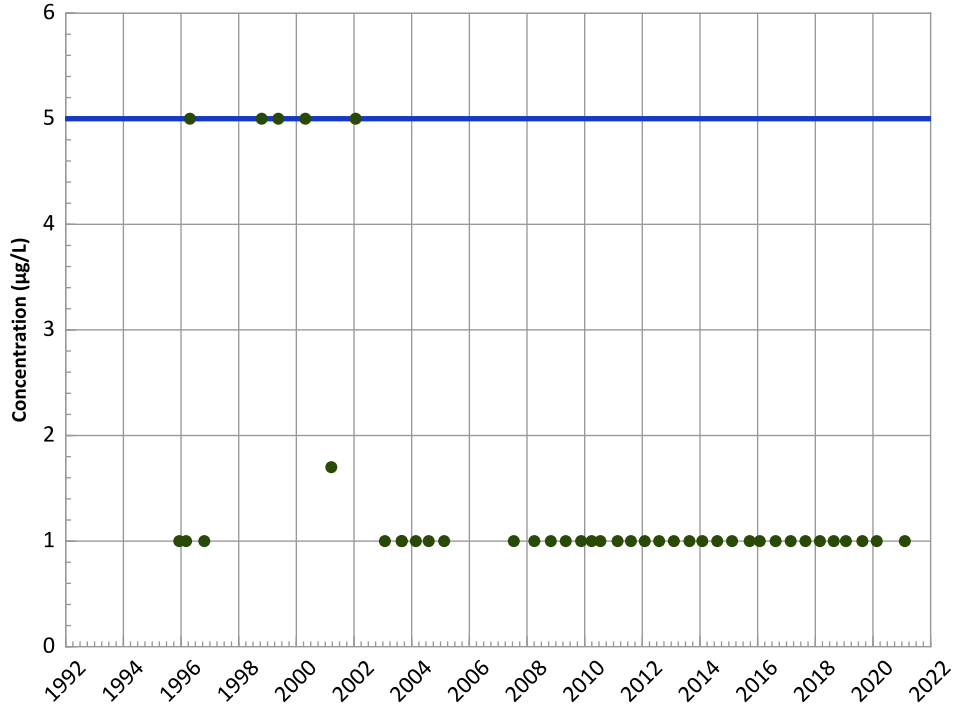


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

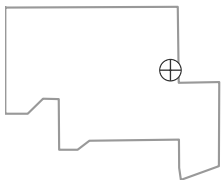
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

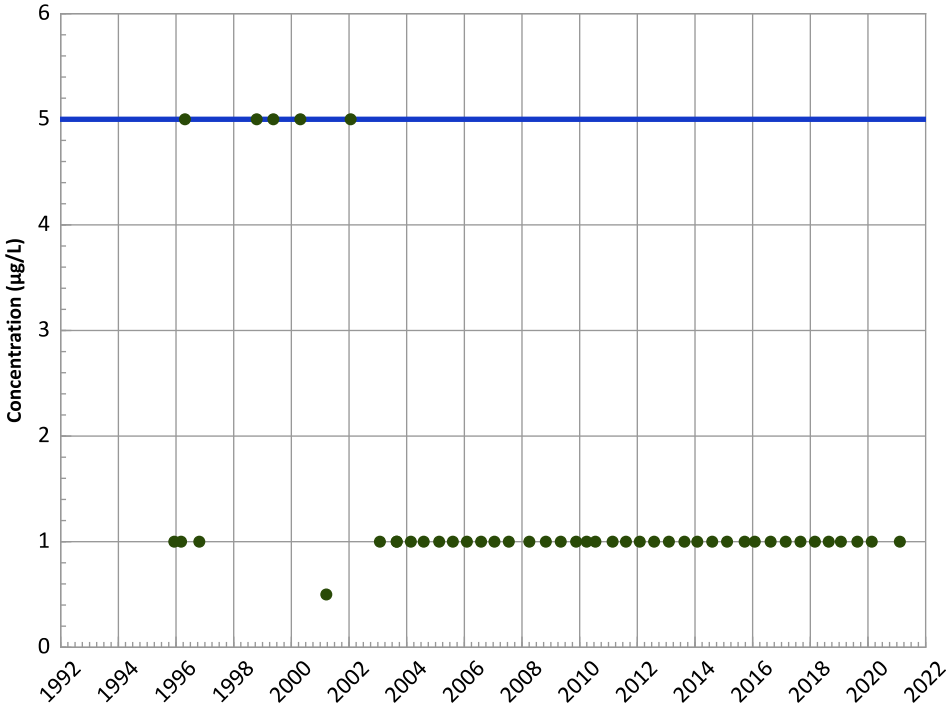
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

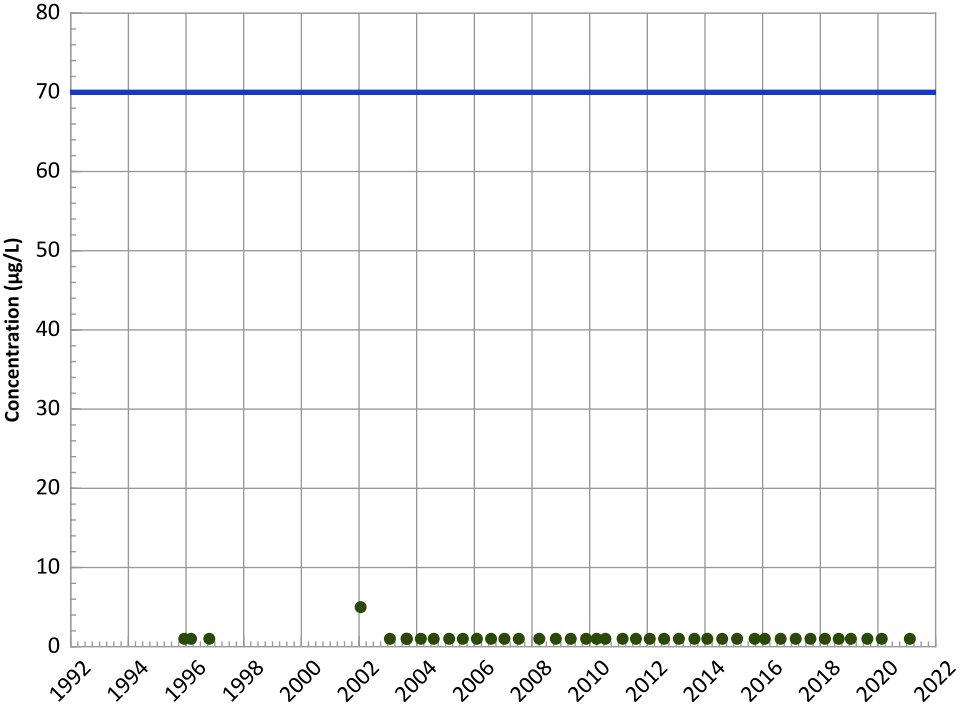


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

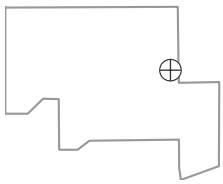
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

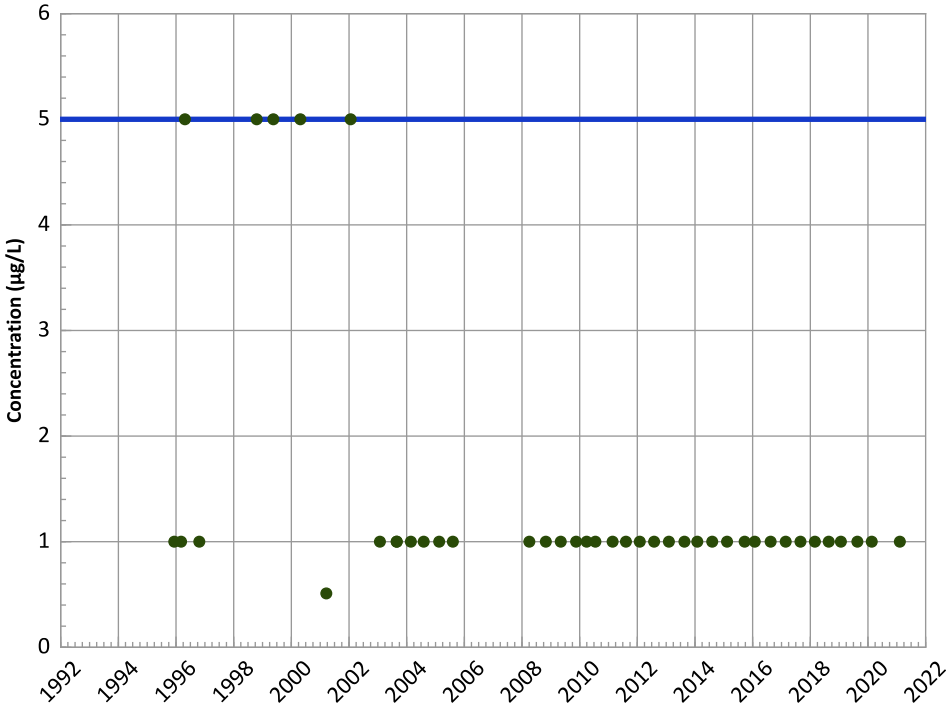
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

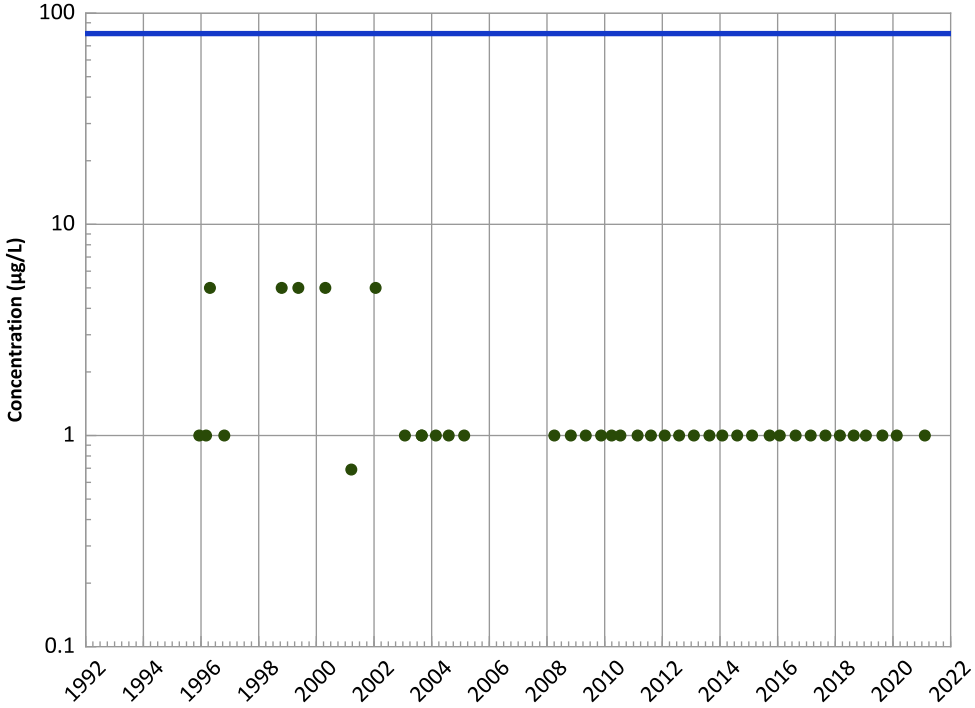


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

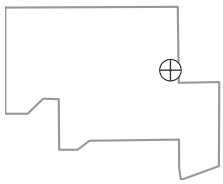
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

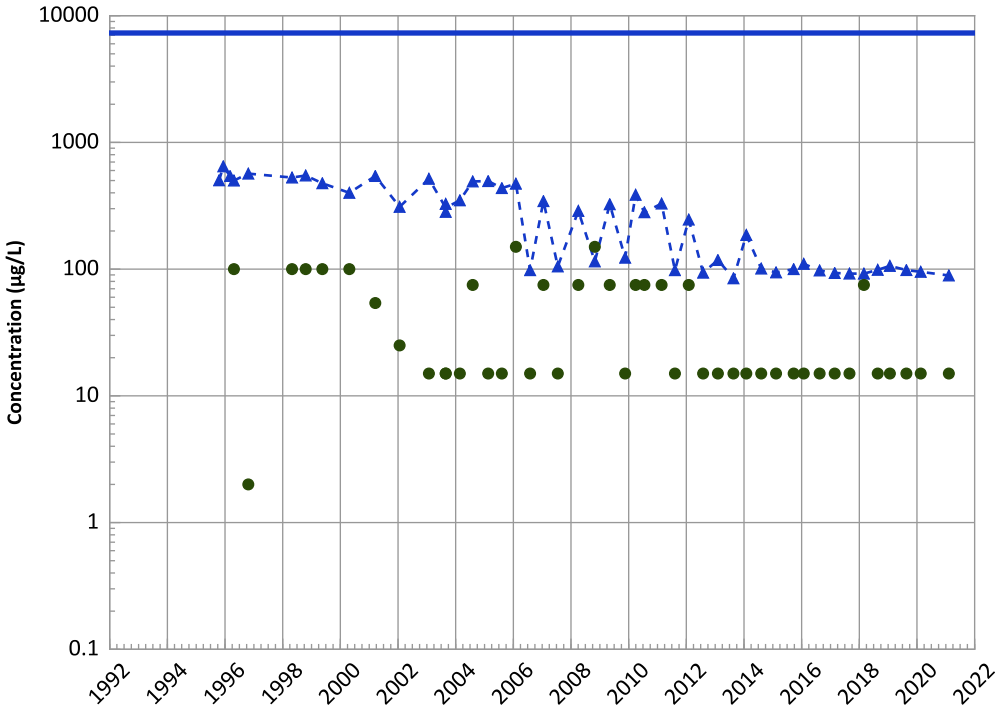
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

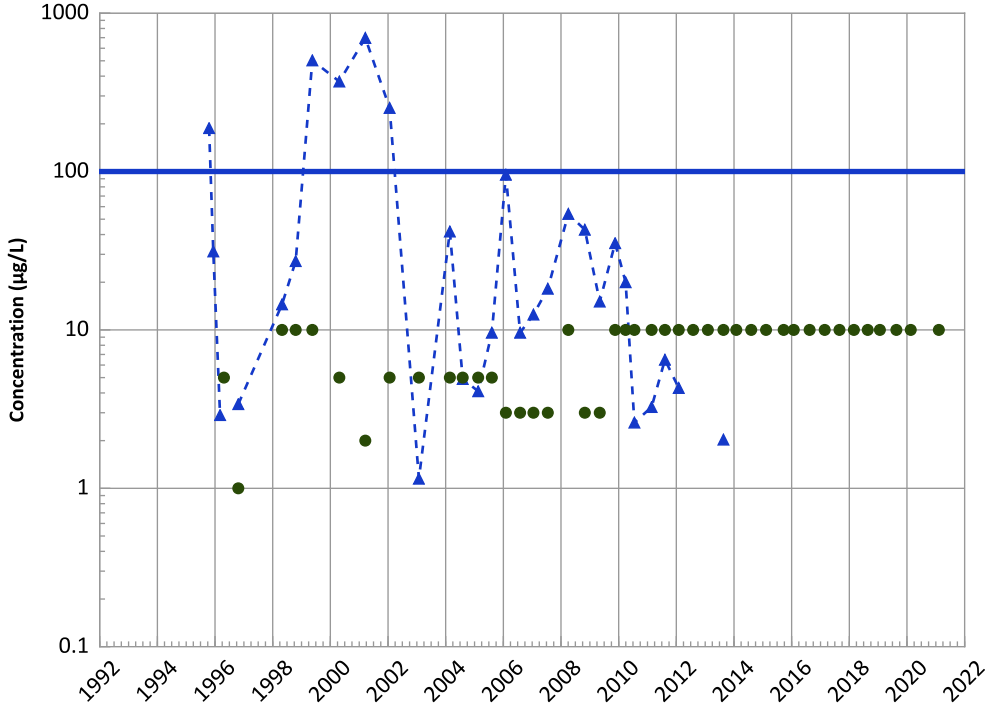


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

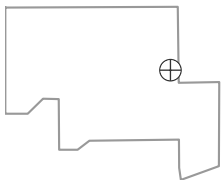
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

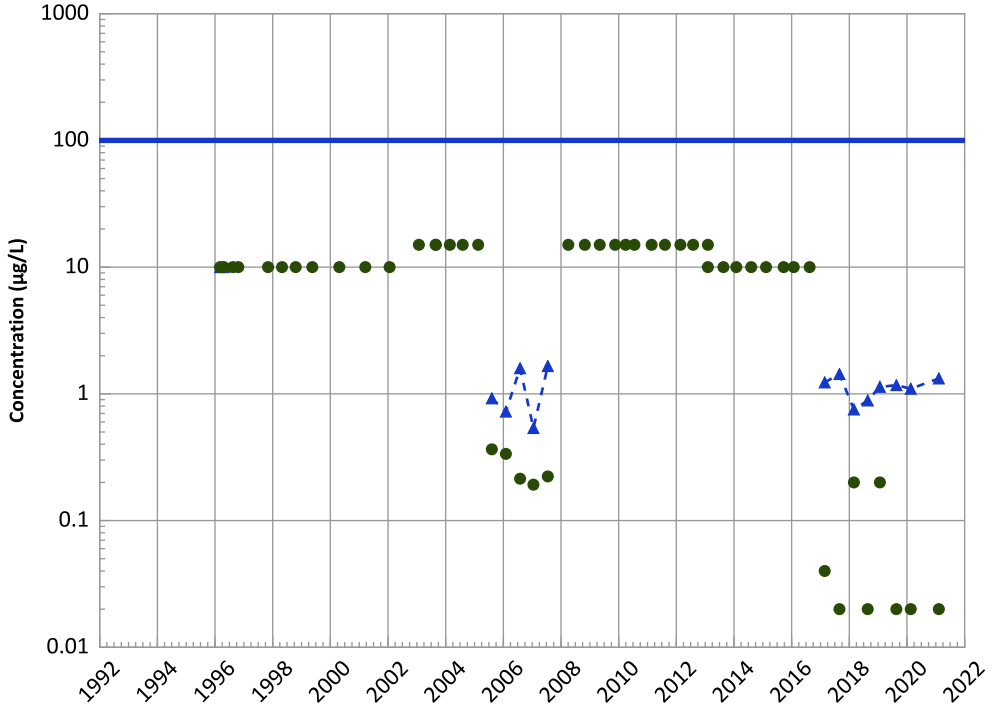
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

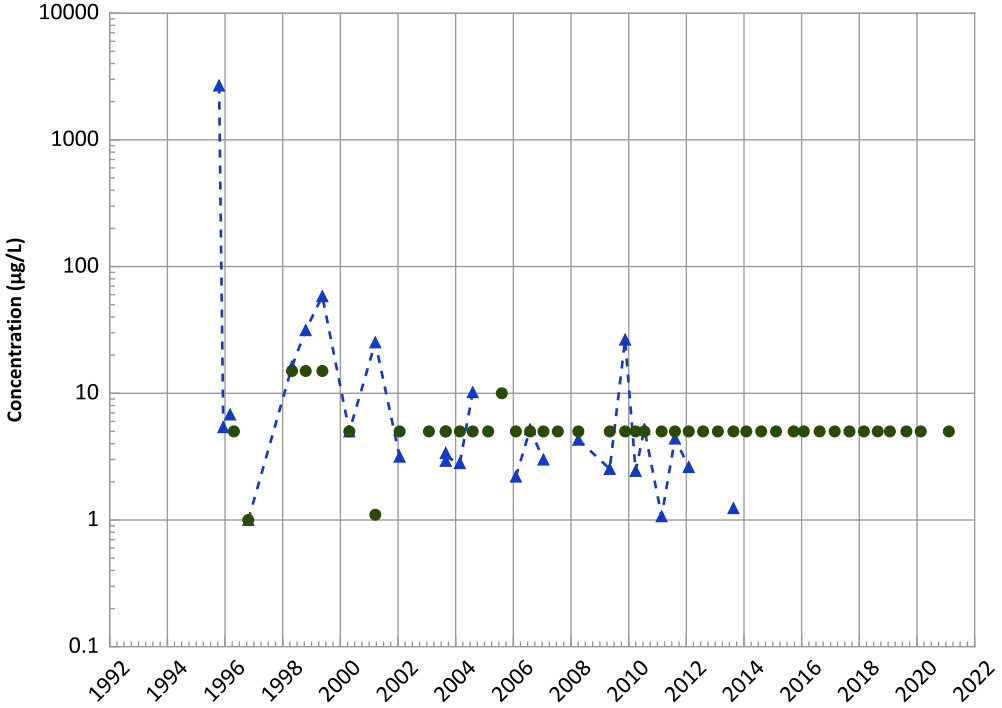


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Manganese Trend



Concentration Trend

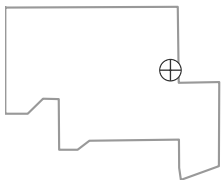
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

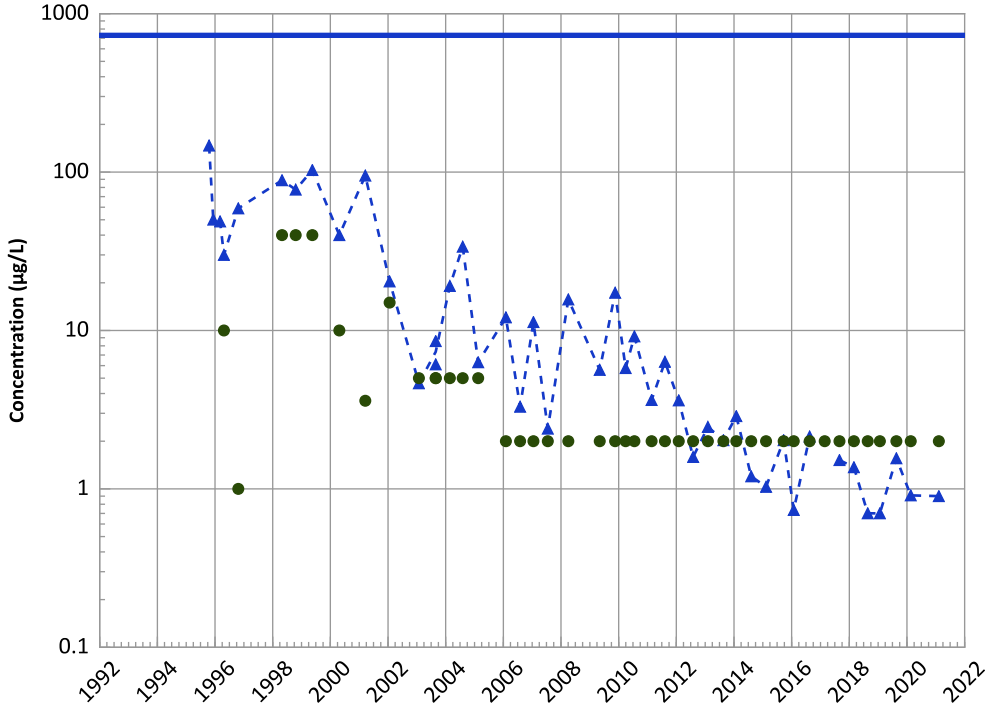
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

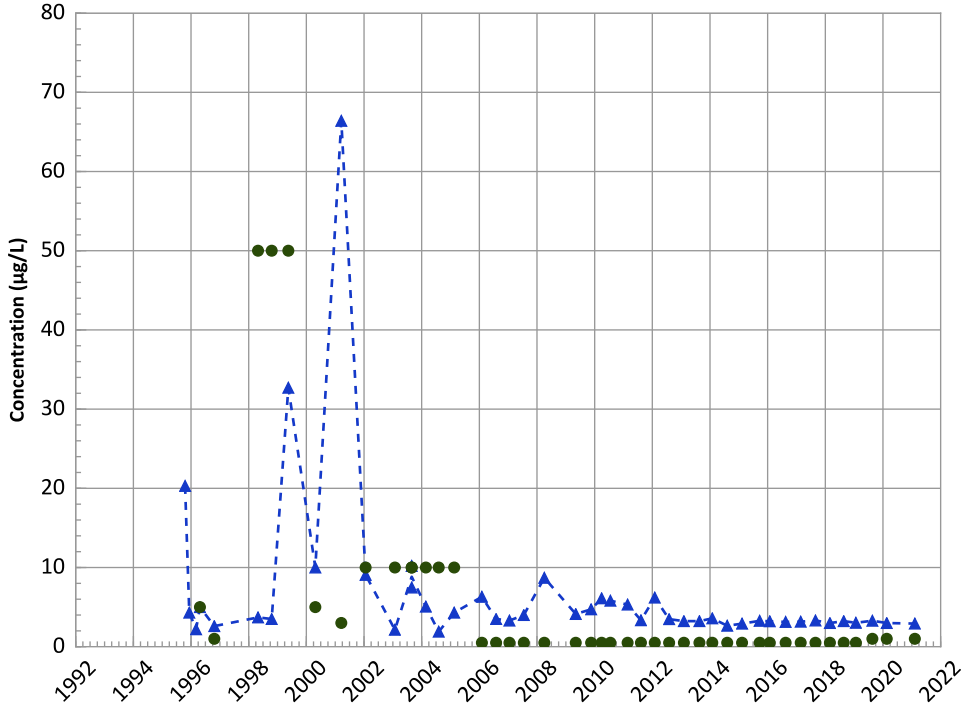


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

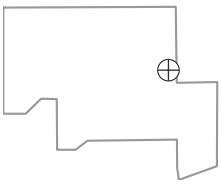
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

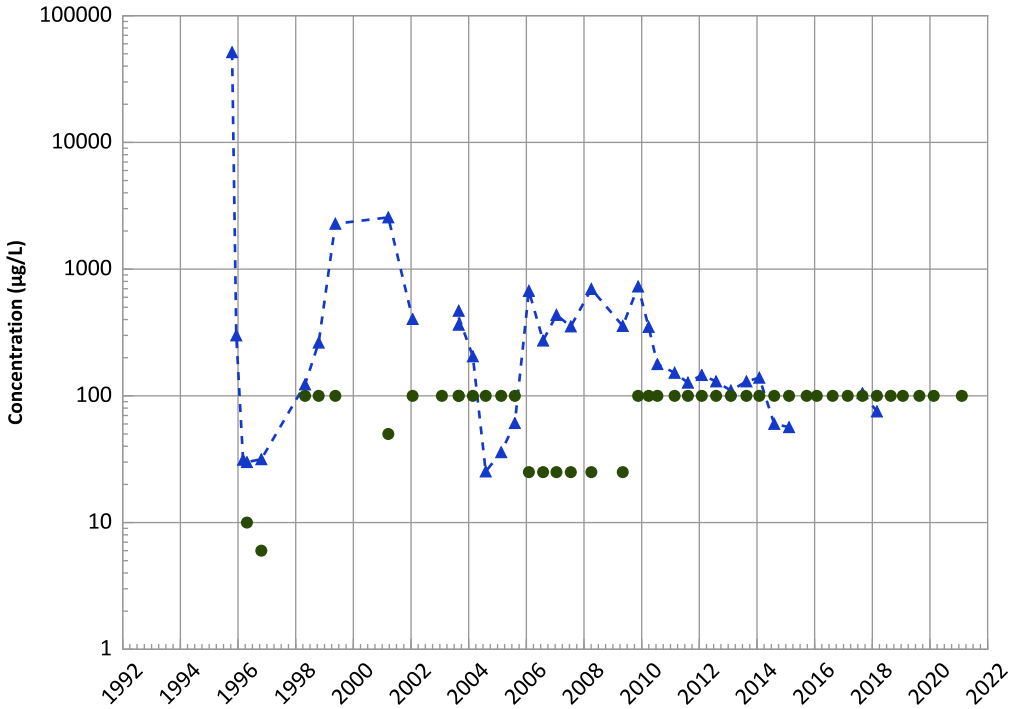
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1023 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

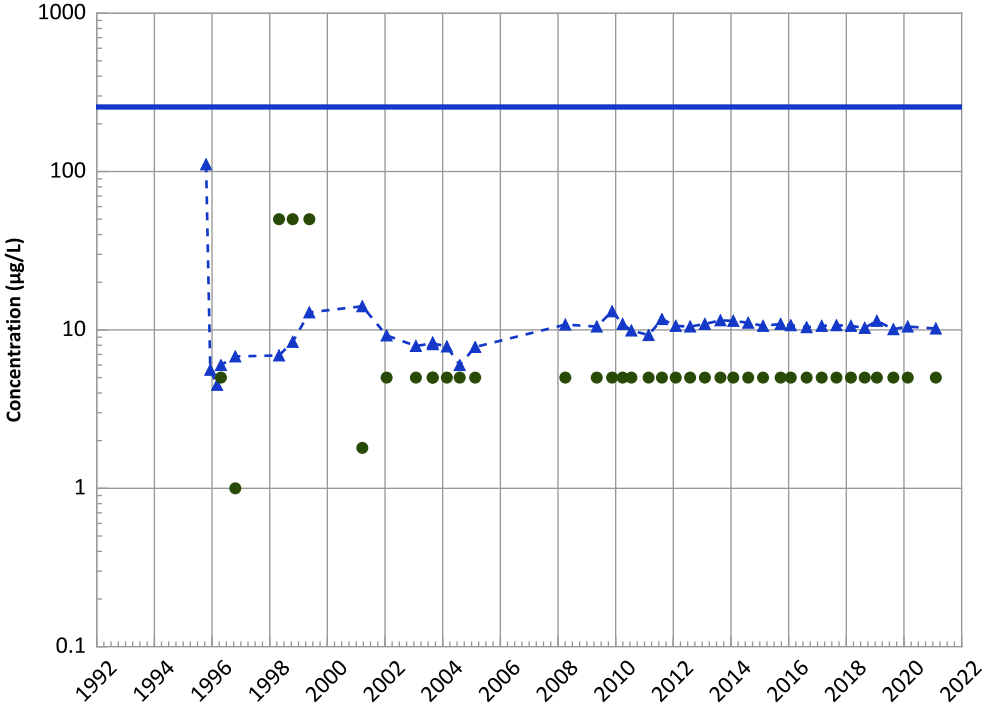


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Vanadium Trend



Concentration Trend

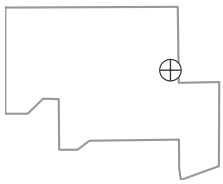
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

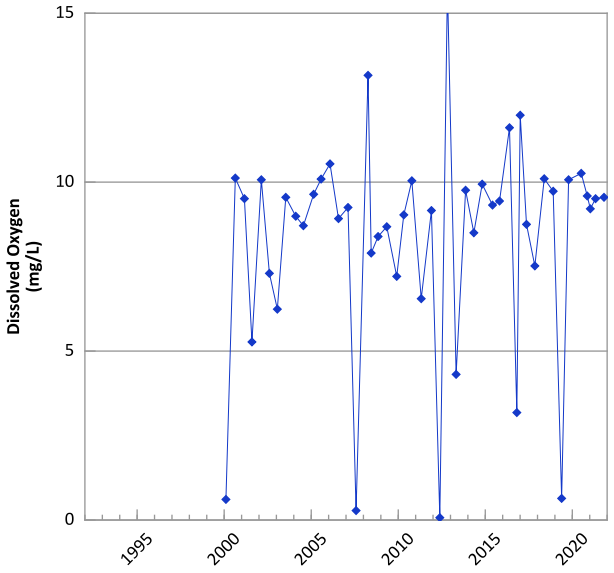
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/18/1995 to 02/08/2021
Analysis Date: 04/05/2022

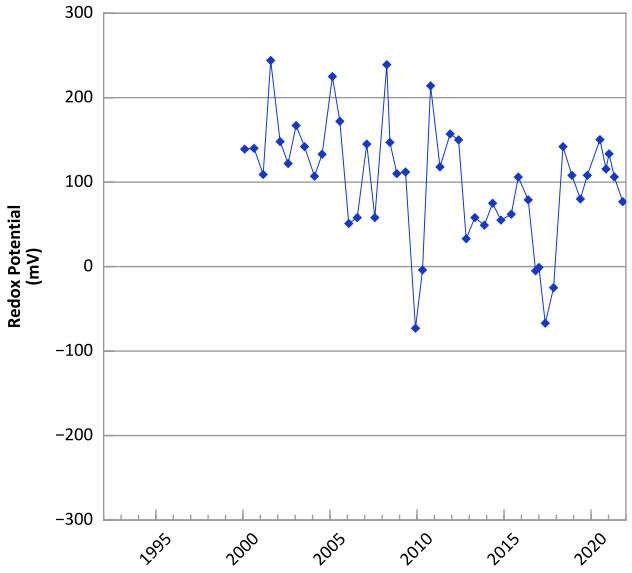
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

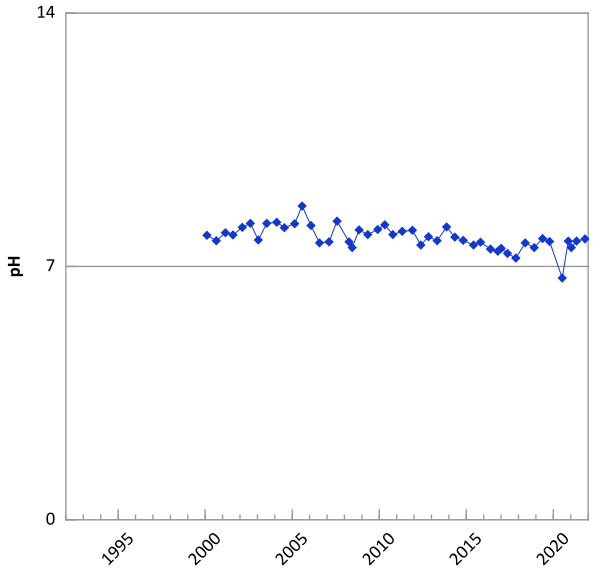
Well Location

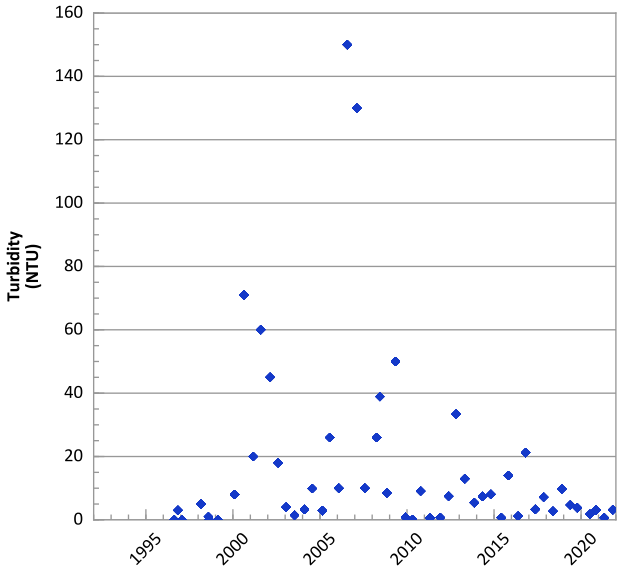


PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



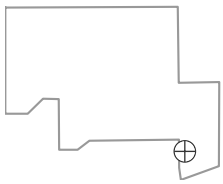






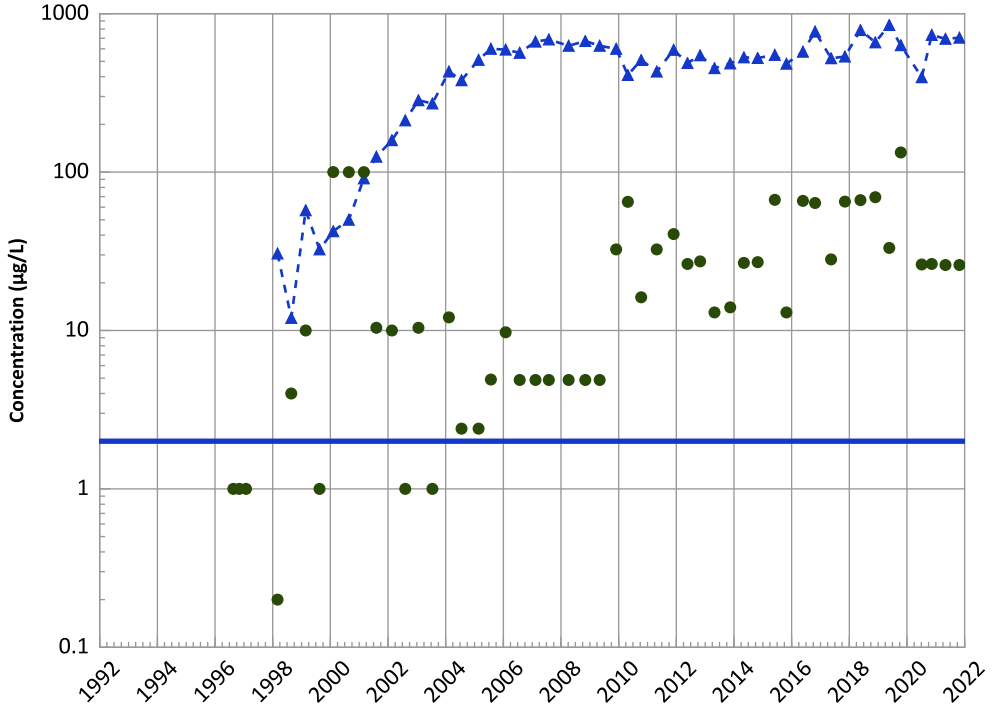
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

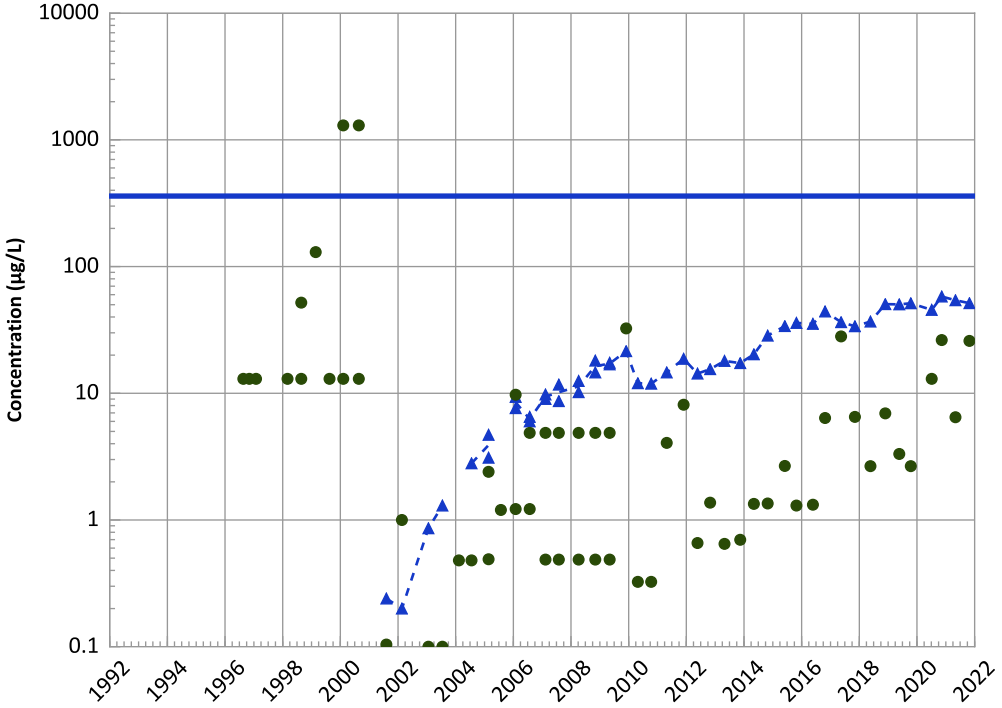


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

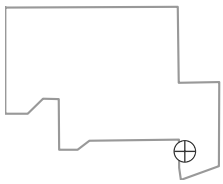
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

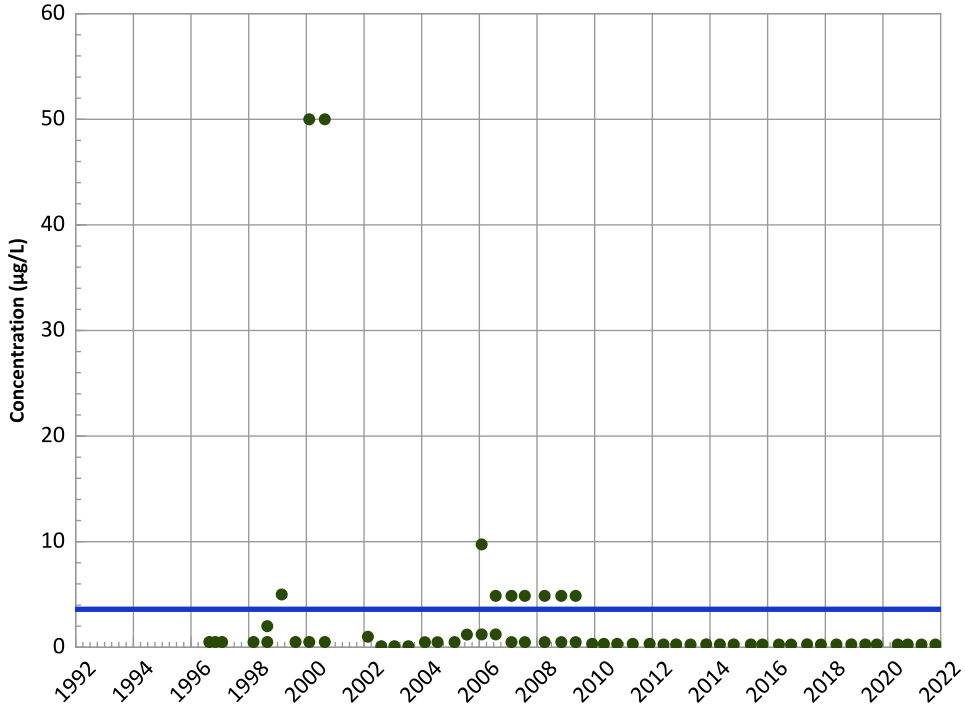
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

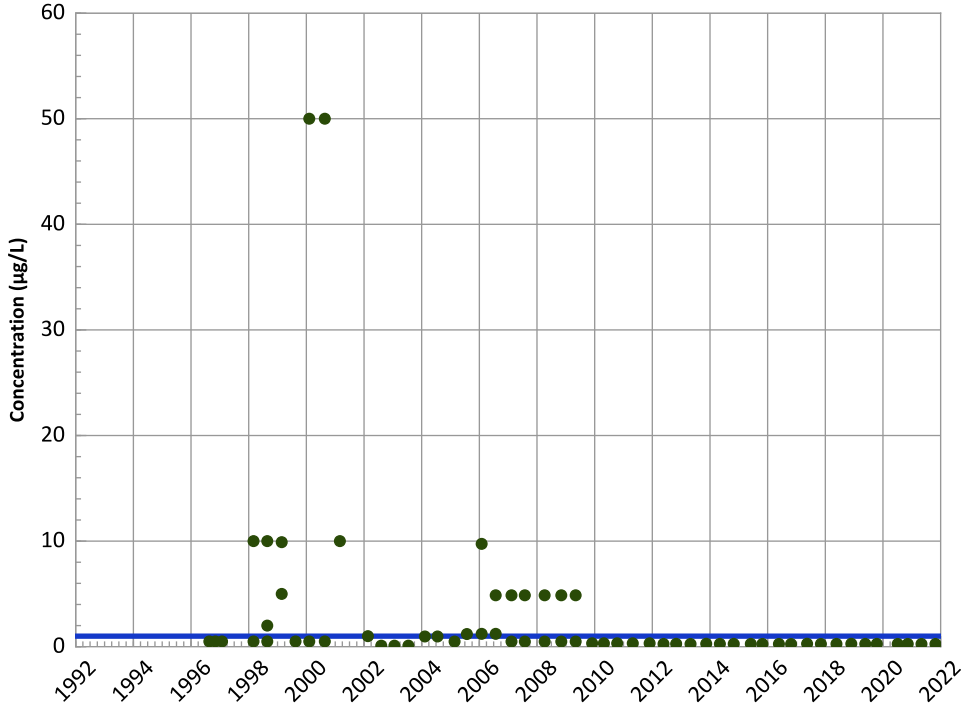


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

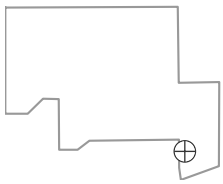
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

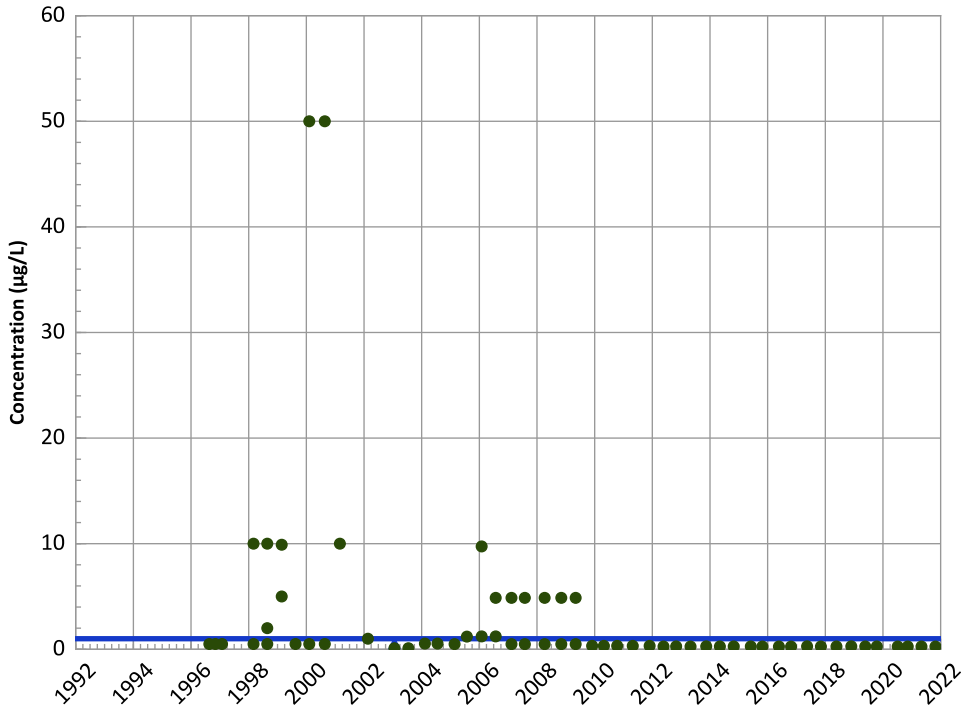
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

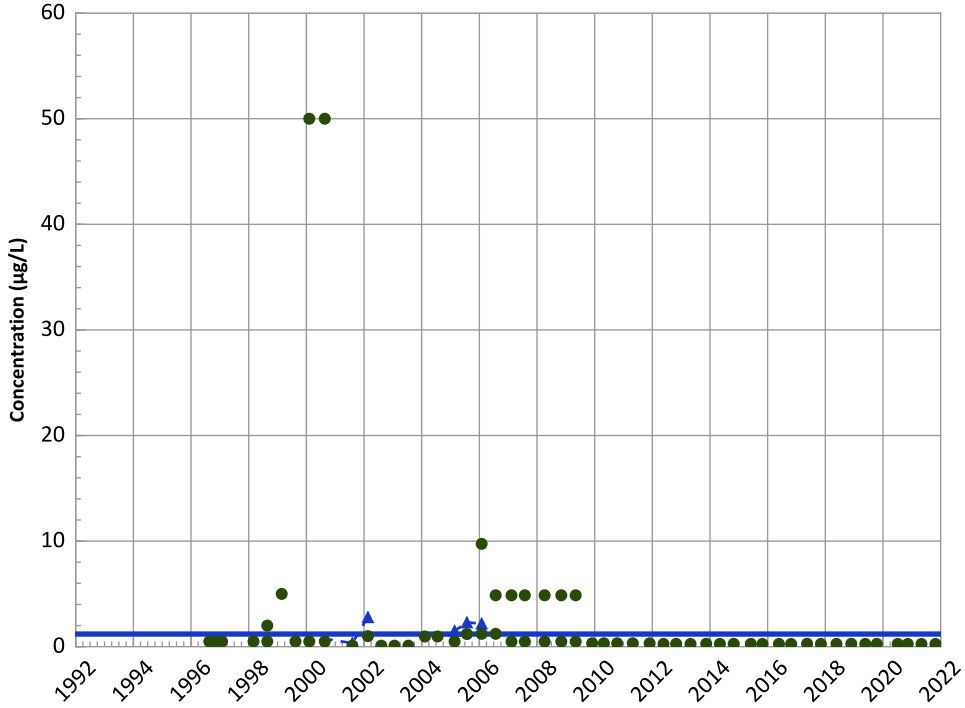


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

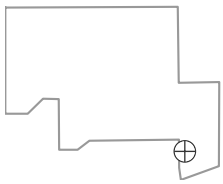
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

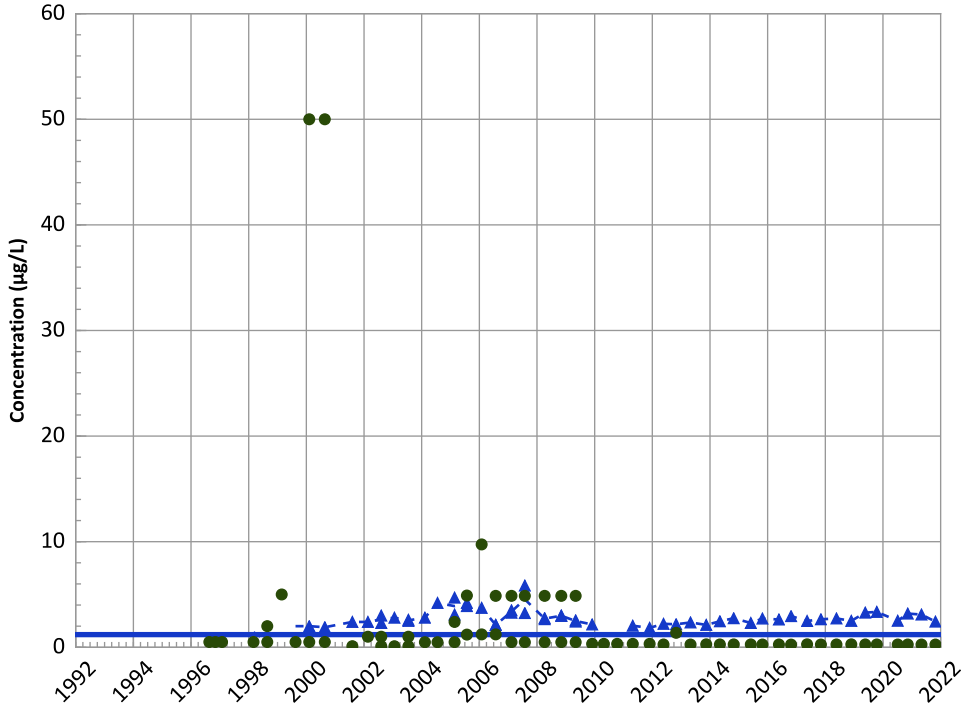
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

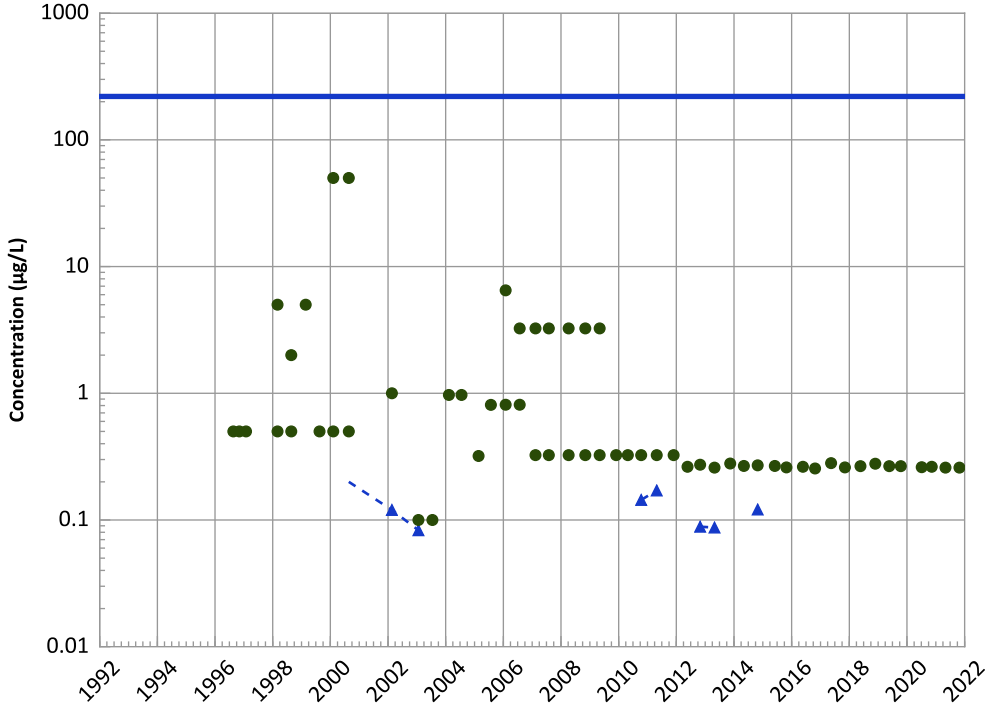


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

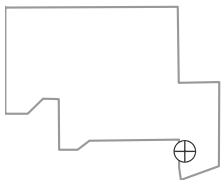
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

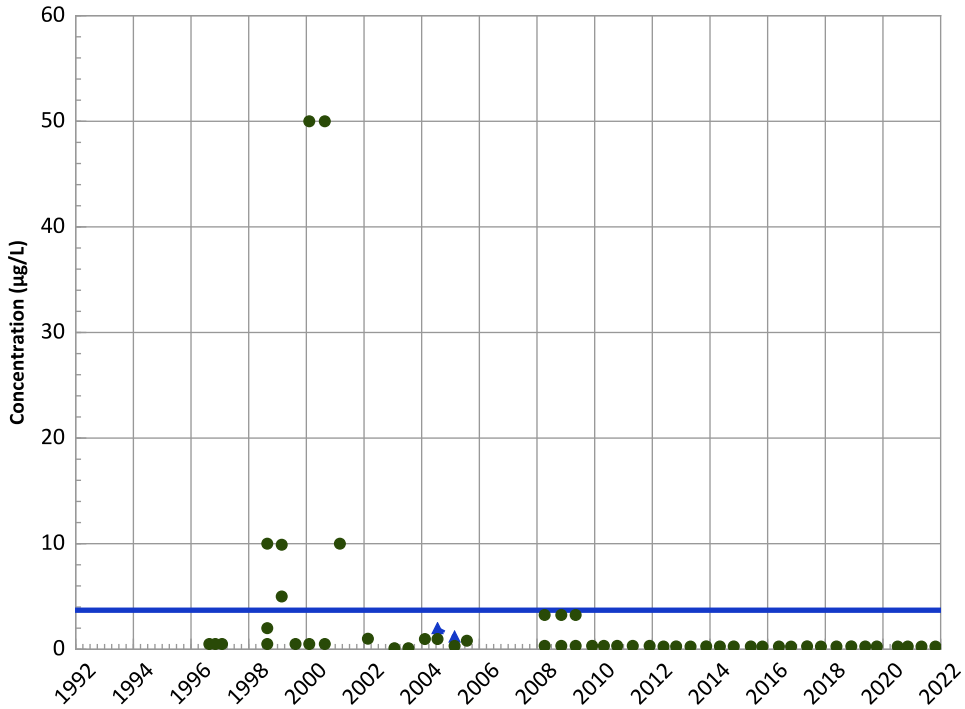
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

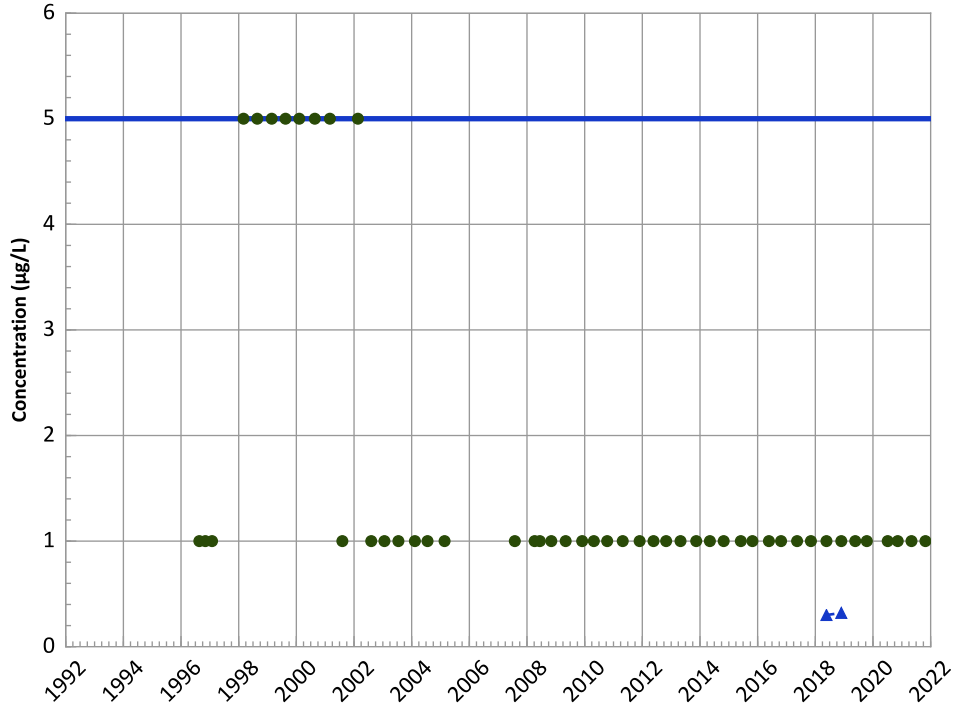


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

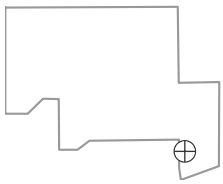
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

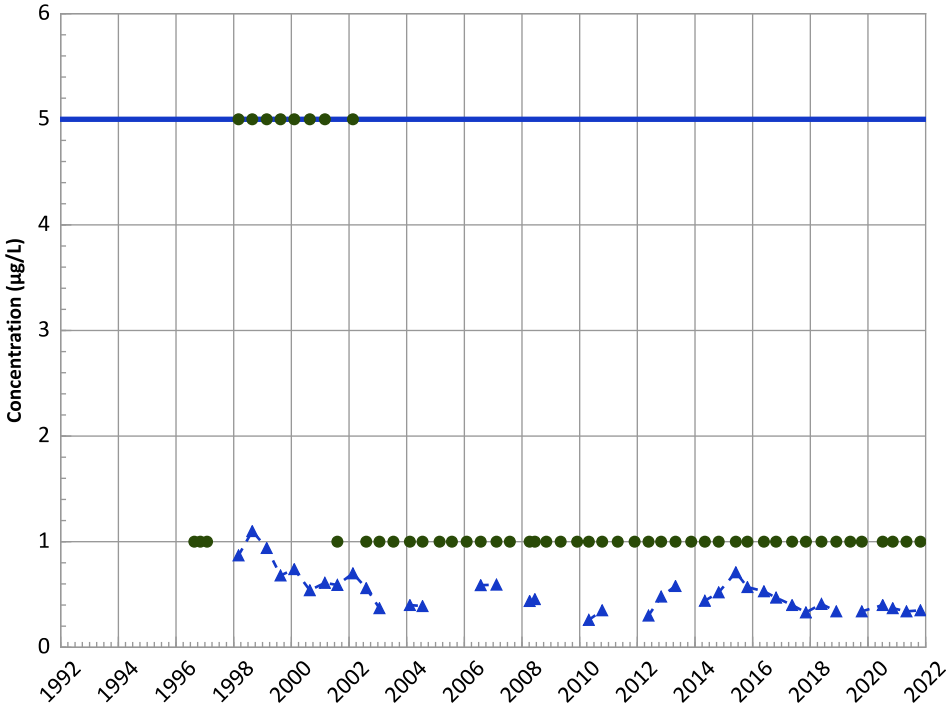
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

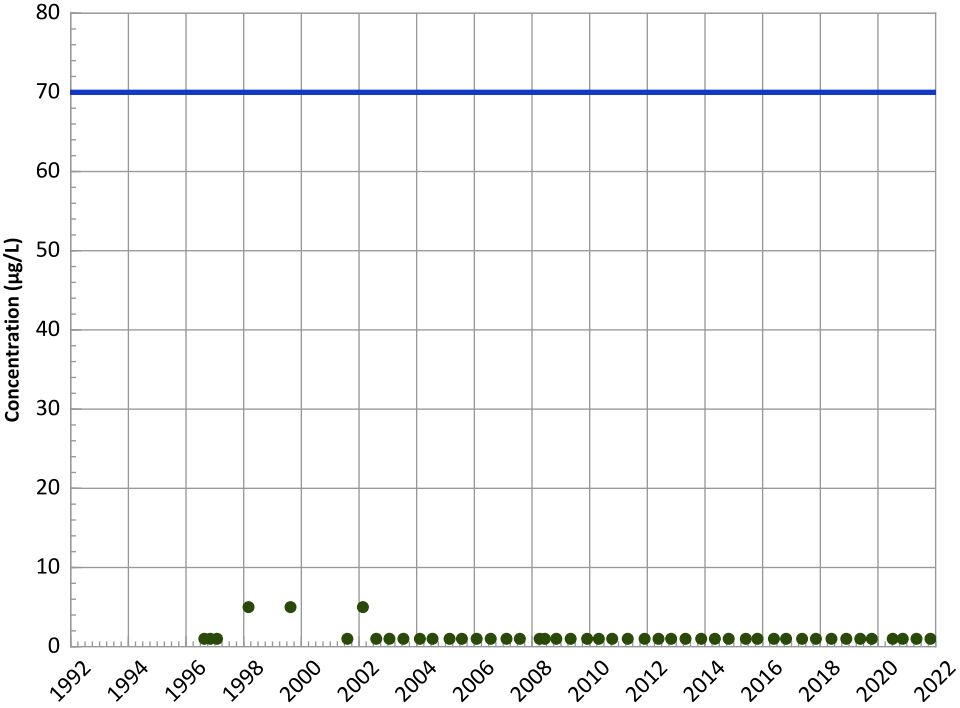


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

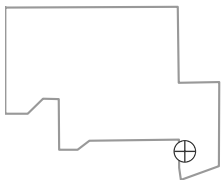
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

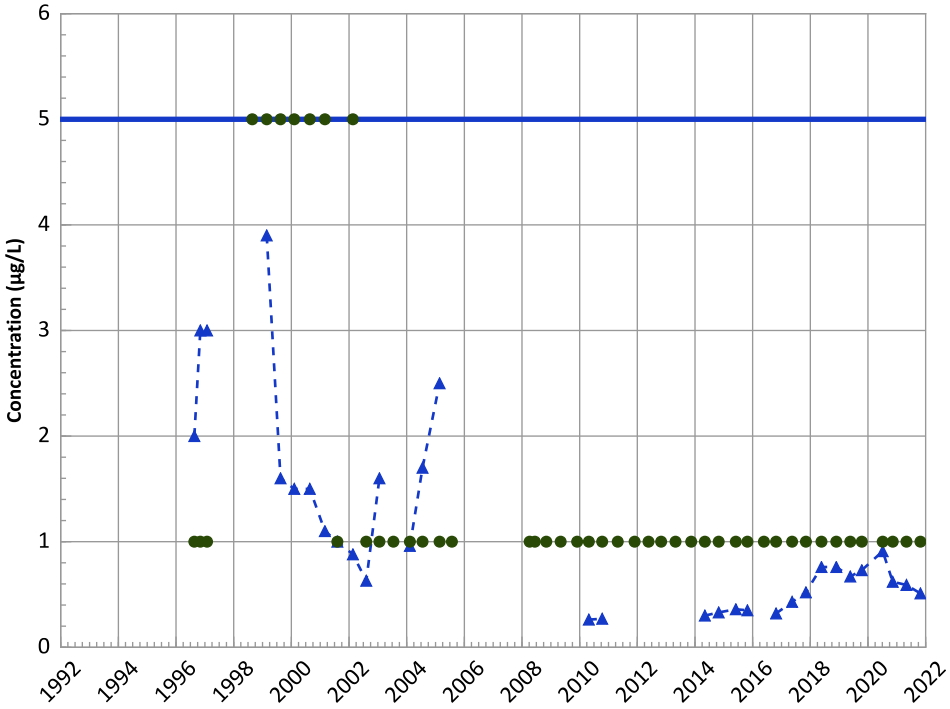
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

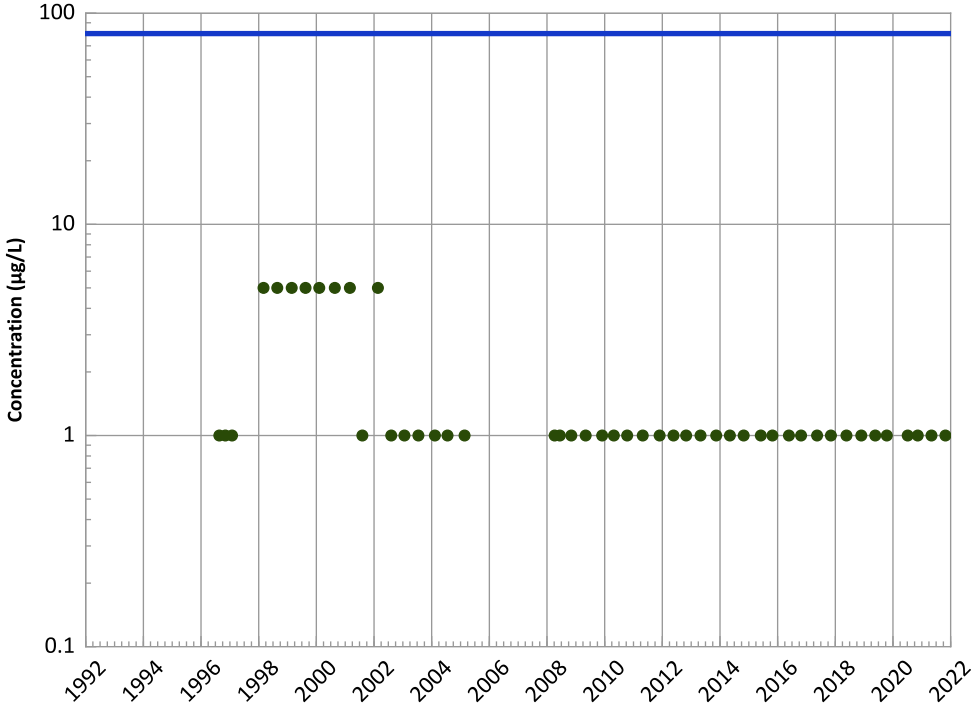


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chloroform Trend



Concentration Trend

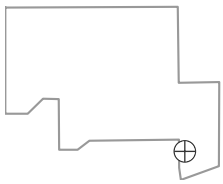
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

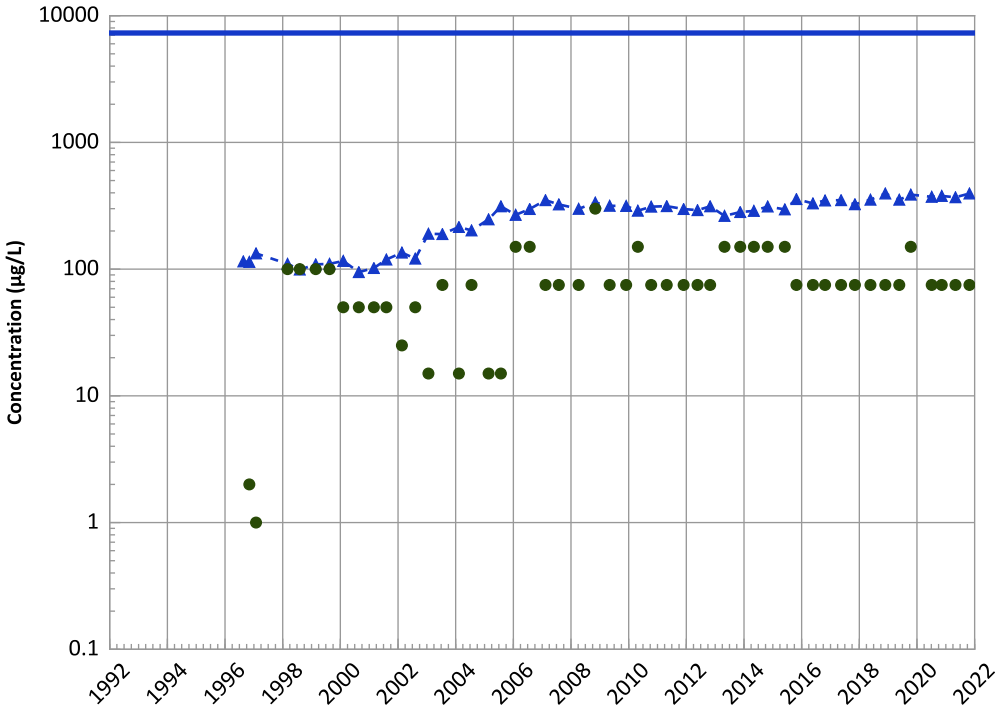
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

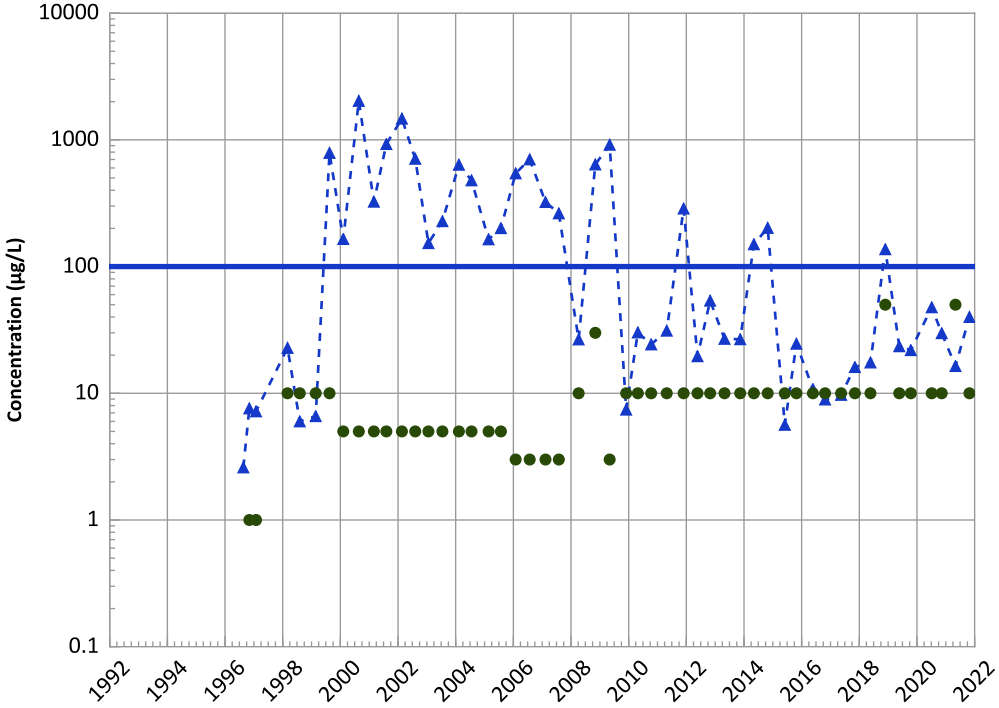


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

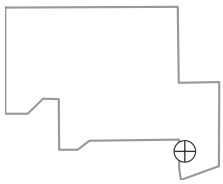
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

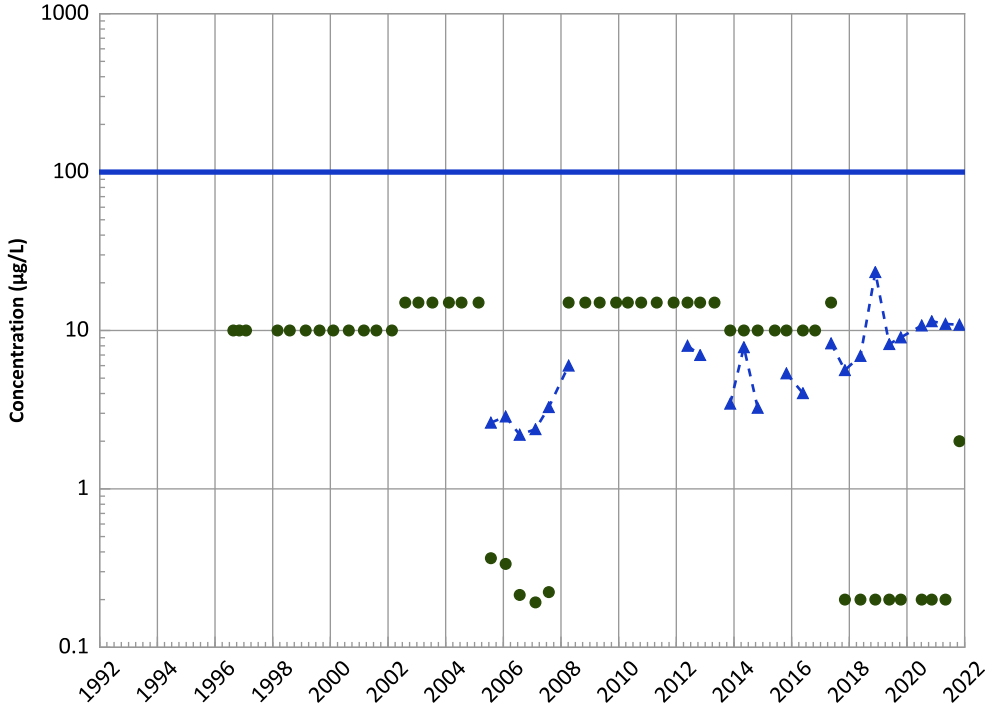
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

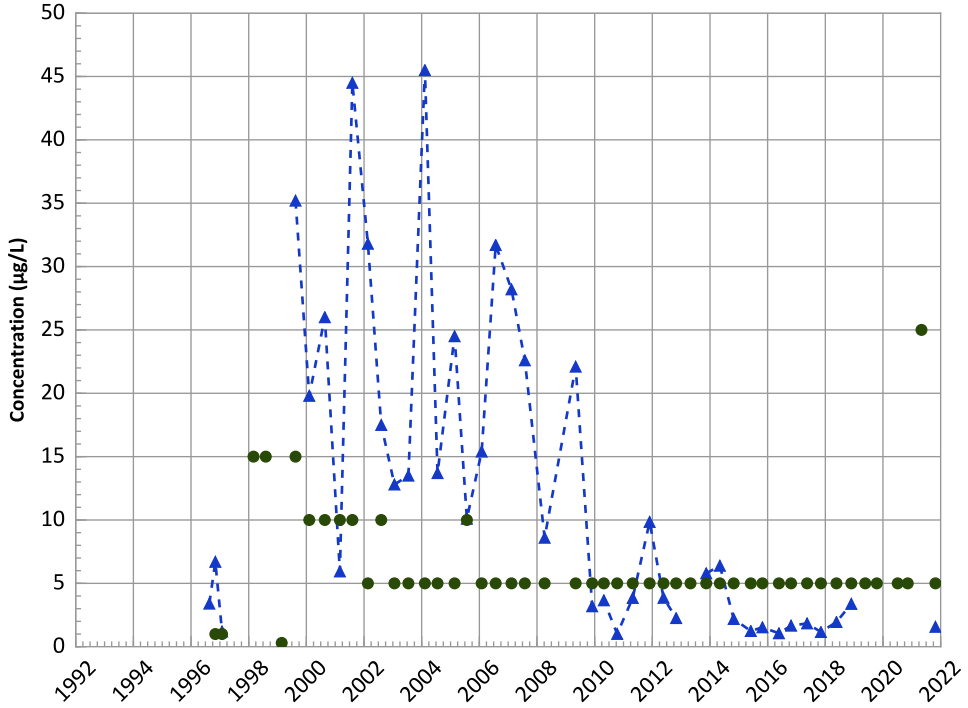


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Manganese Trend



Concentration Trend

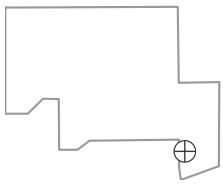
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

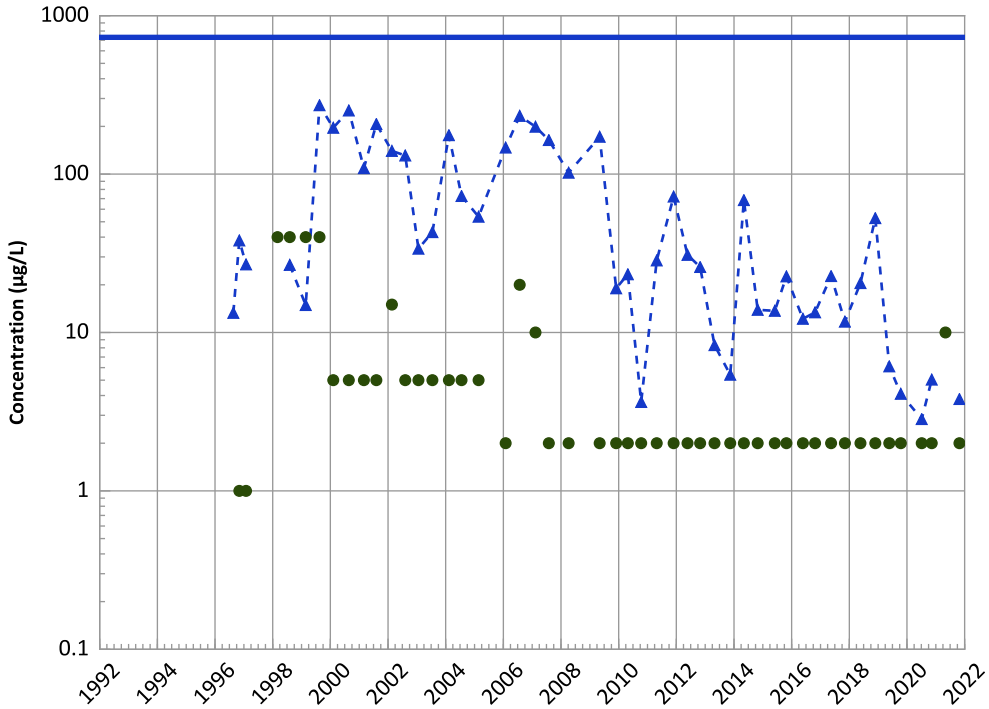
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

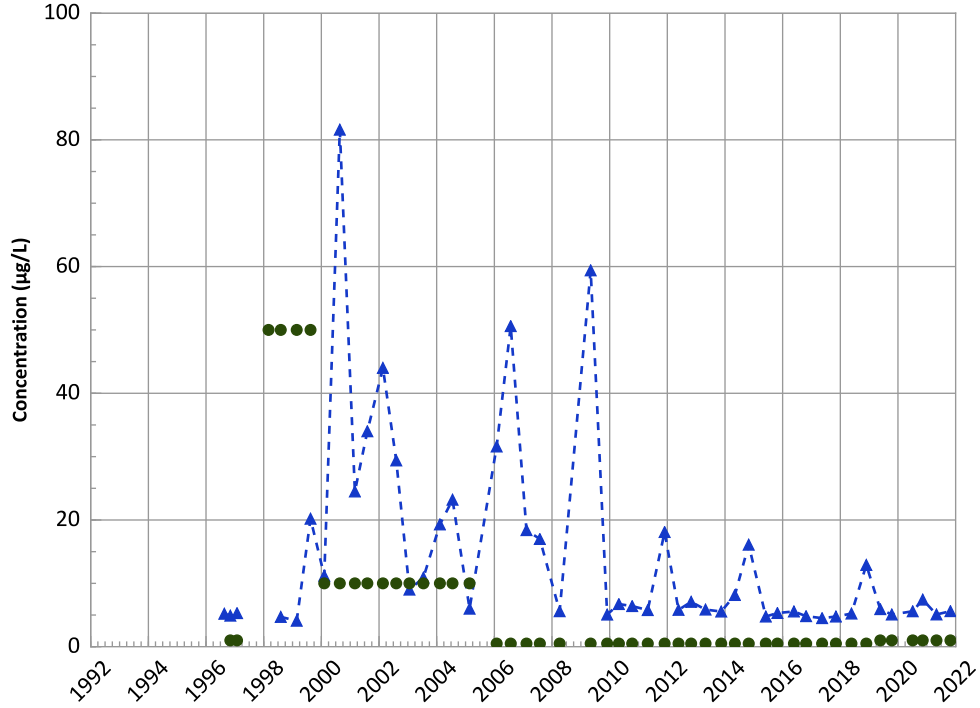


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

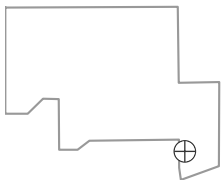
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

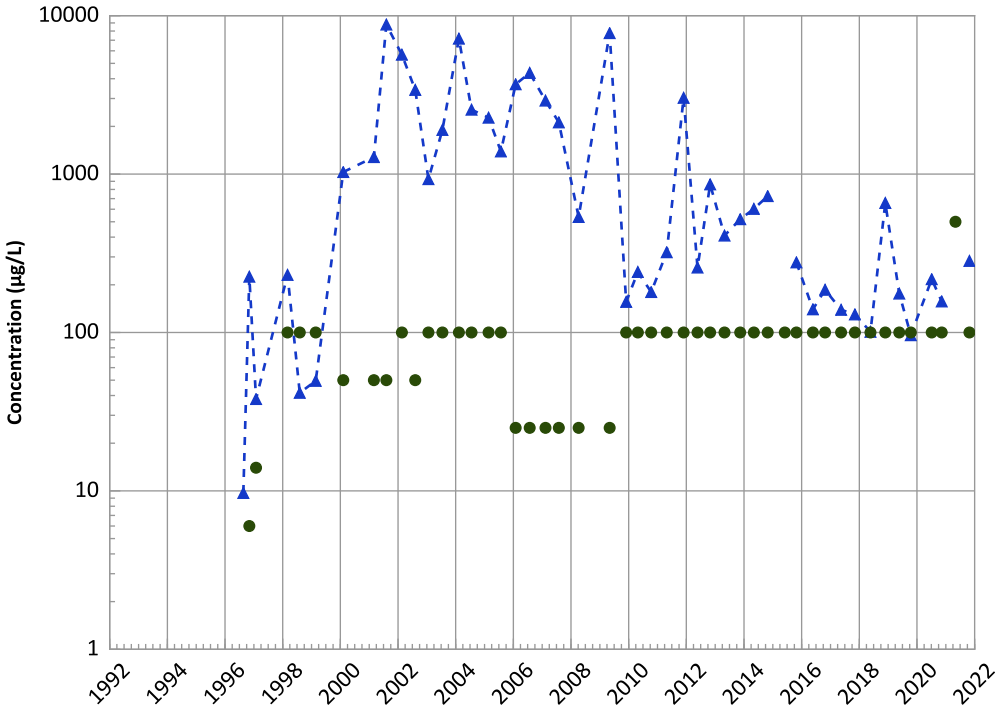
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1031 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

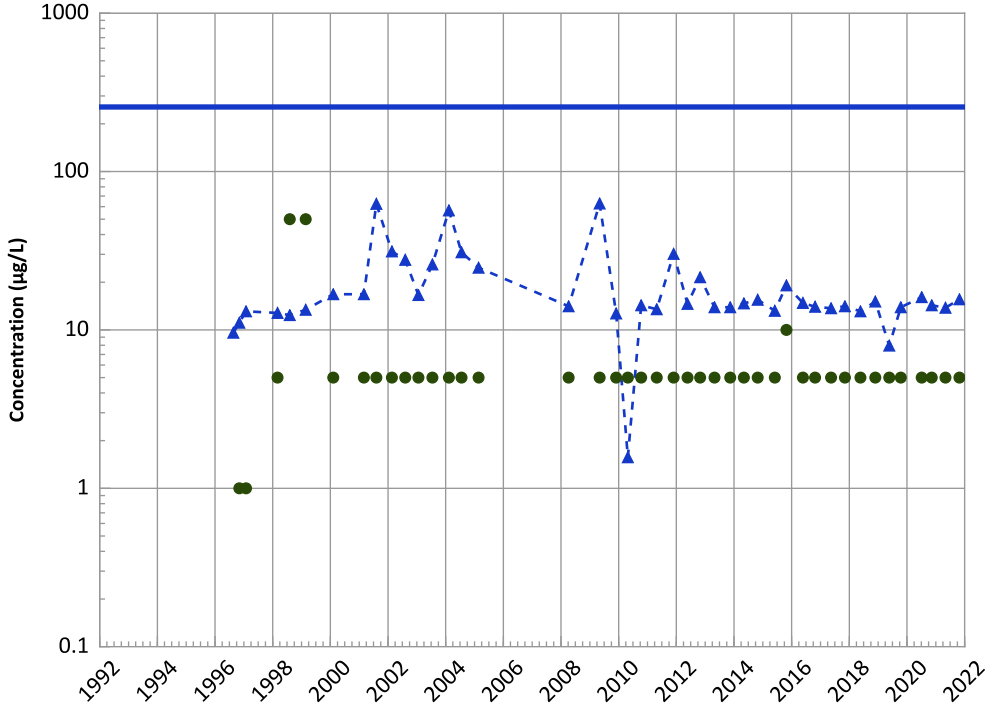


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Vanadium Trend



Concentration Trend

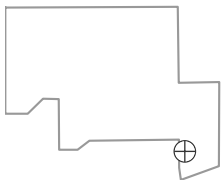
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

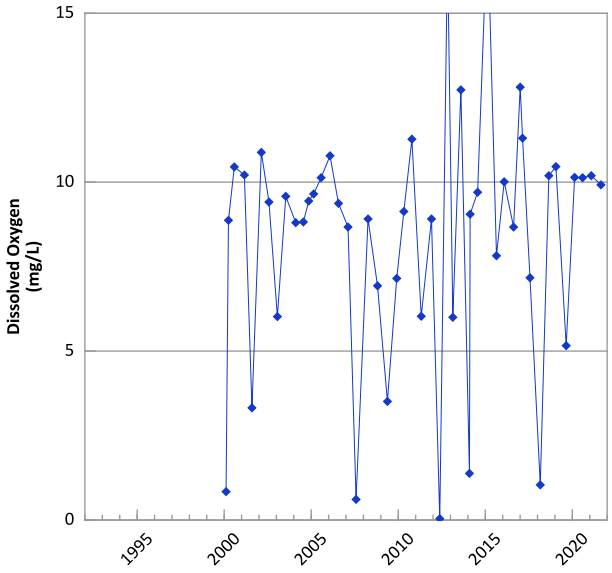
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/1996 to 10/27/2021
Analysis Date: 04/05/2022

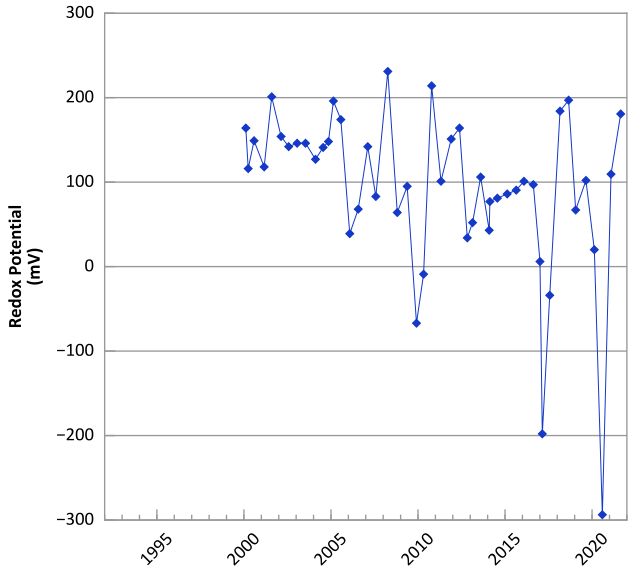
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

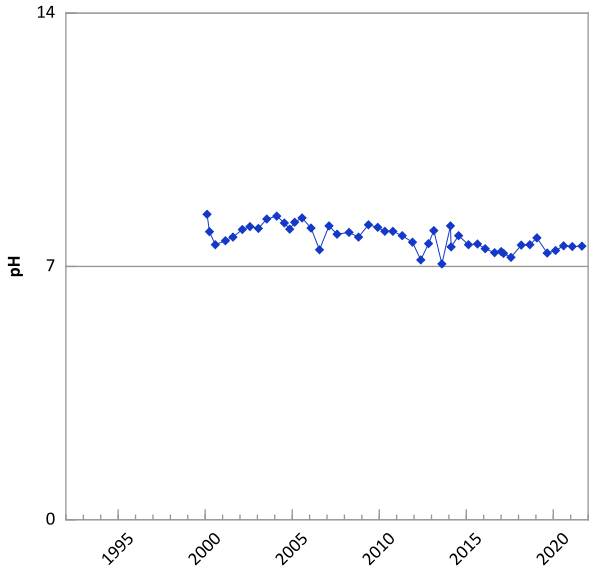
Well Location

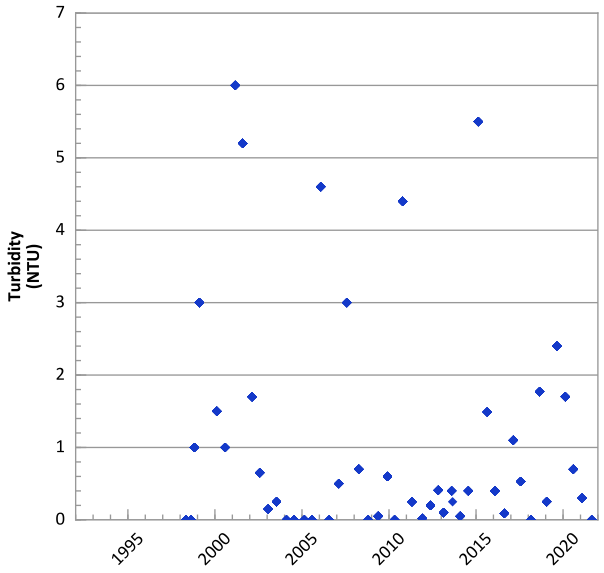


PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



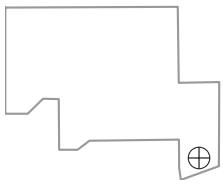






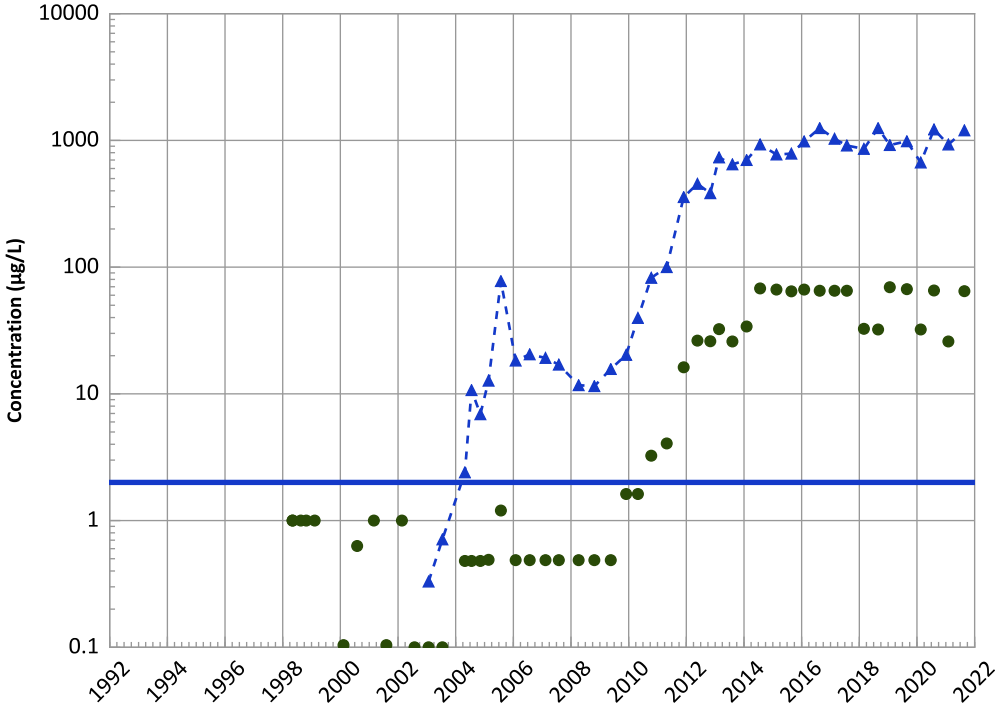
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

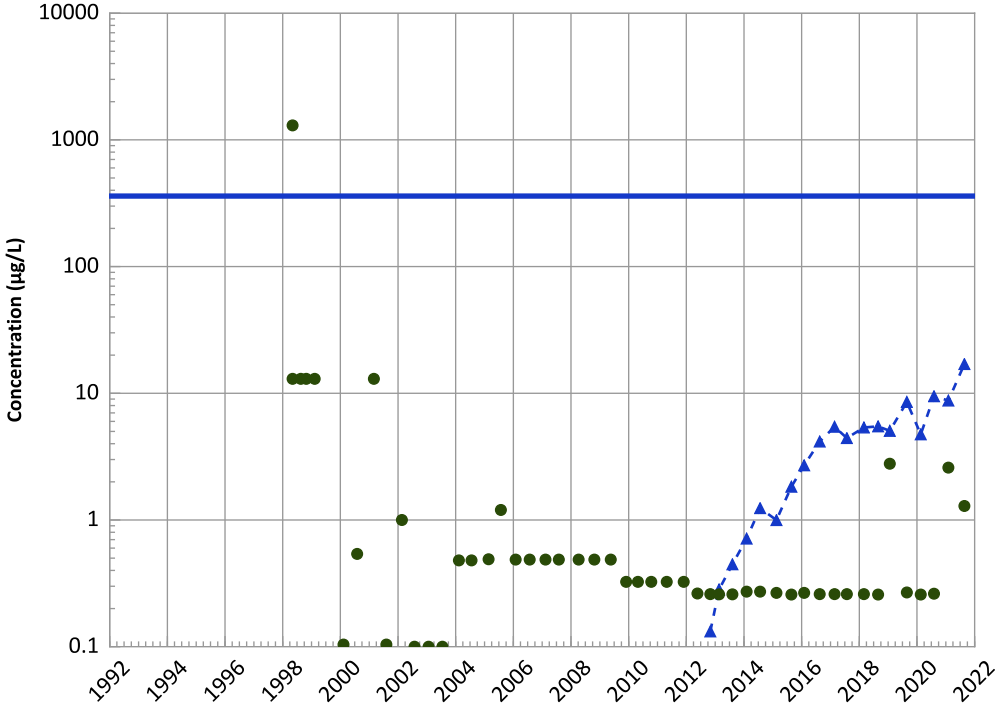


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

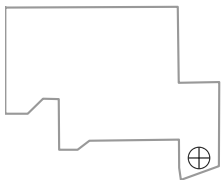
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

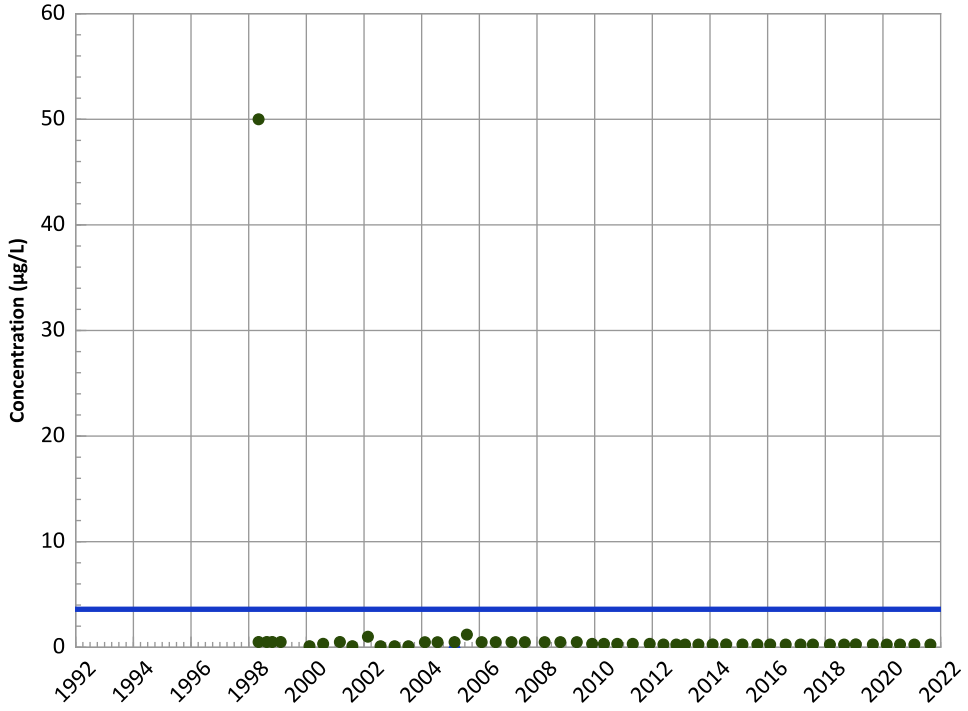
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

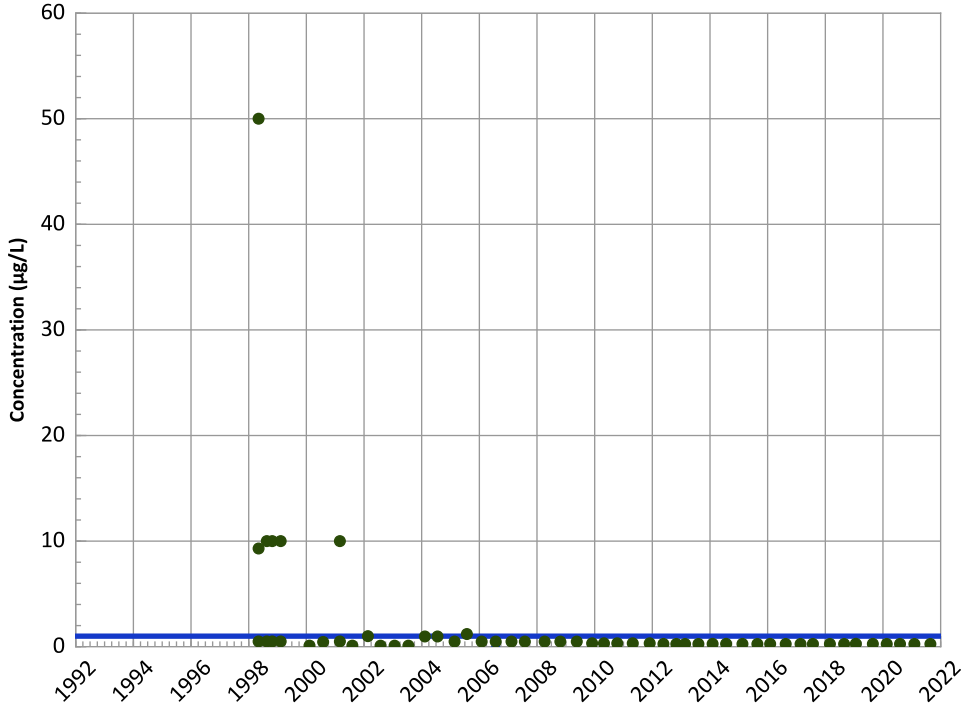


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

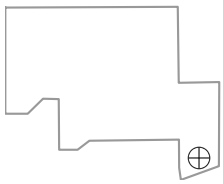
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

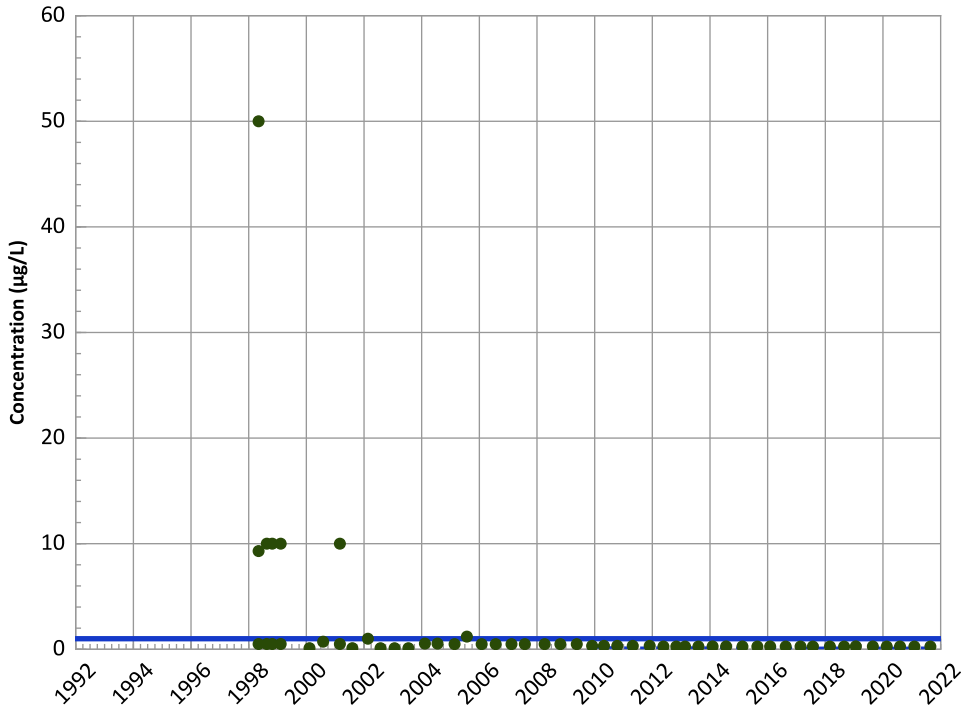
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

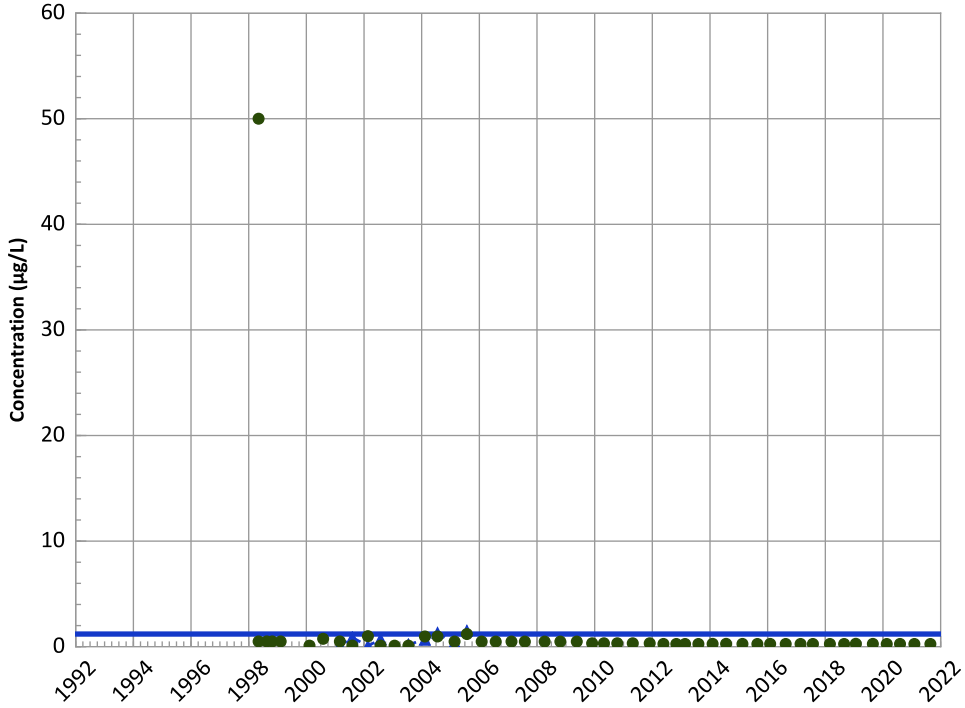


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

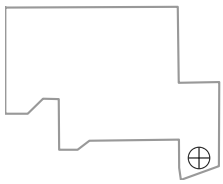
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

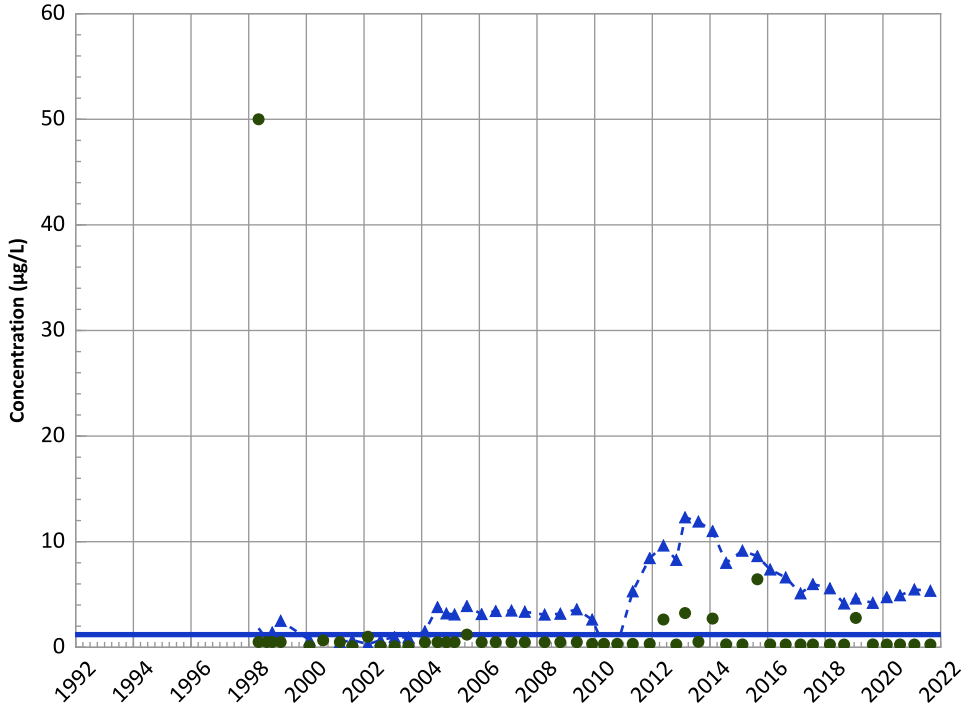
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

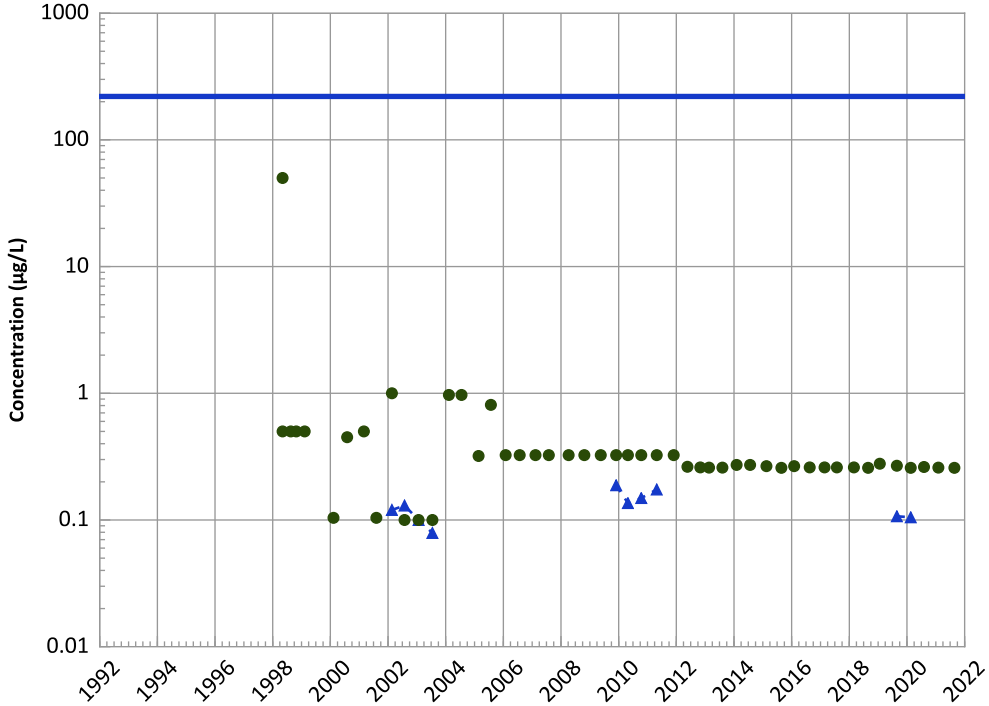


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

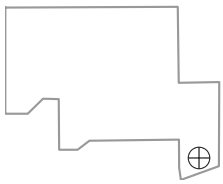
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

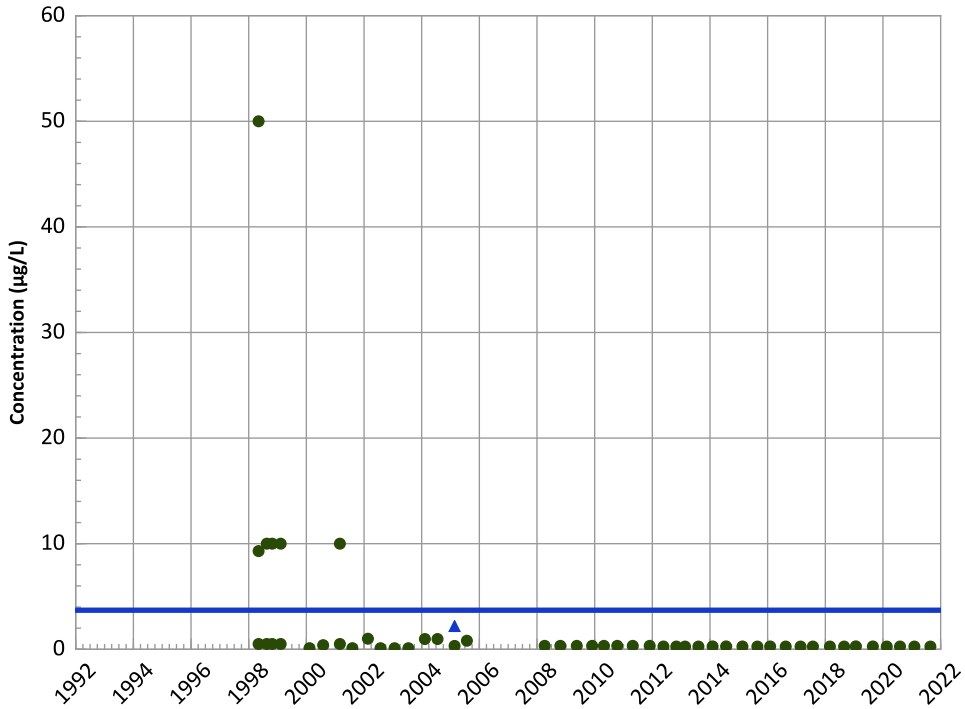
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

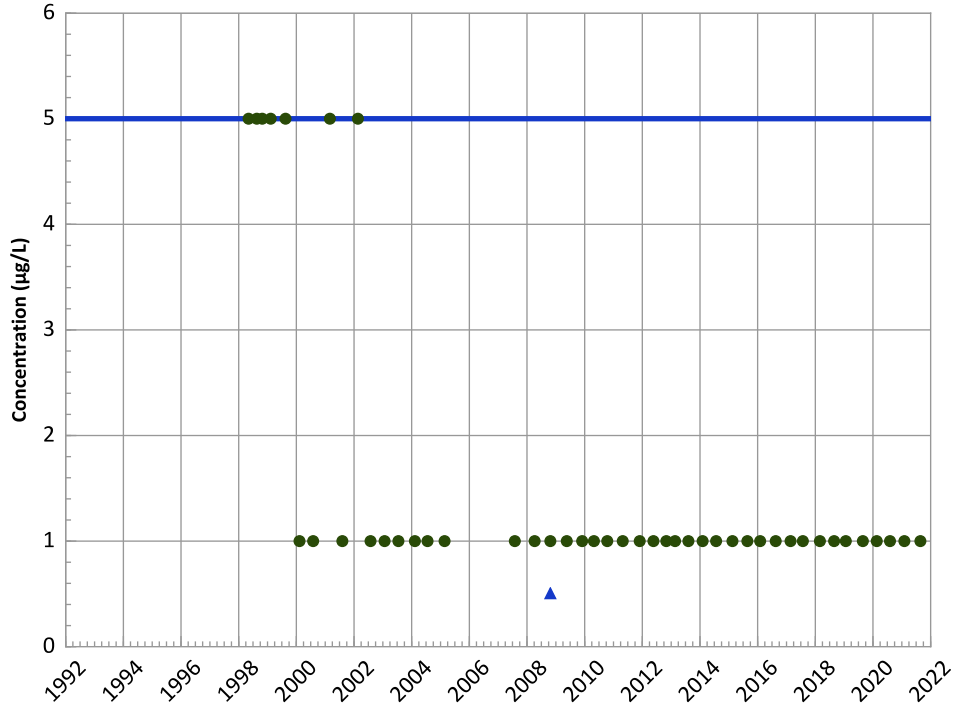


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

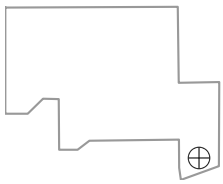
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

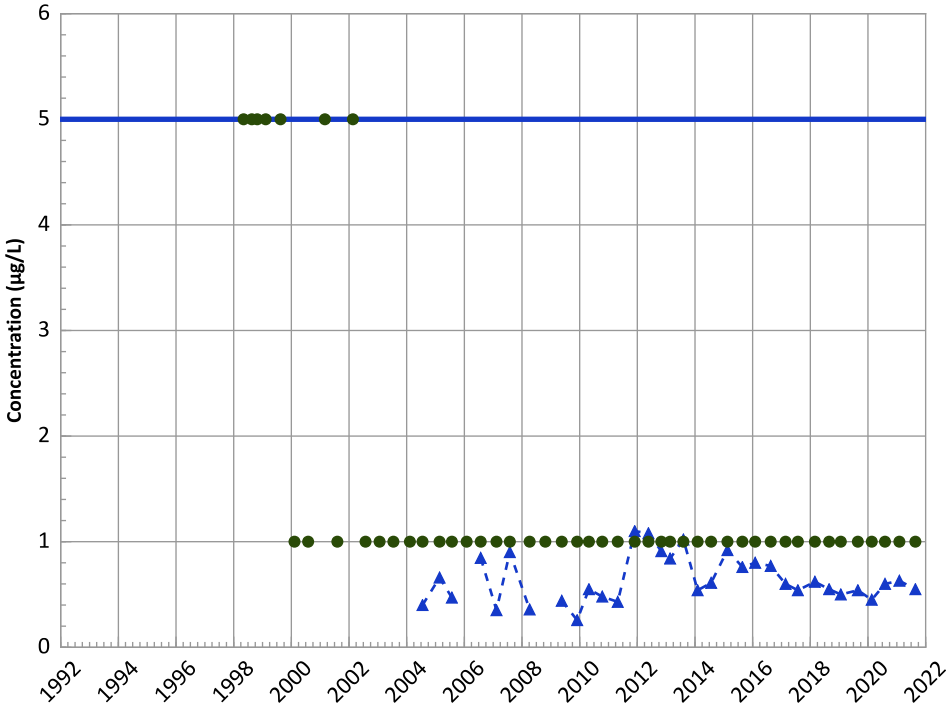
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

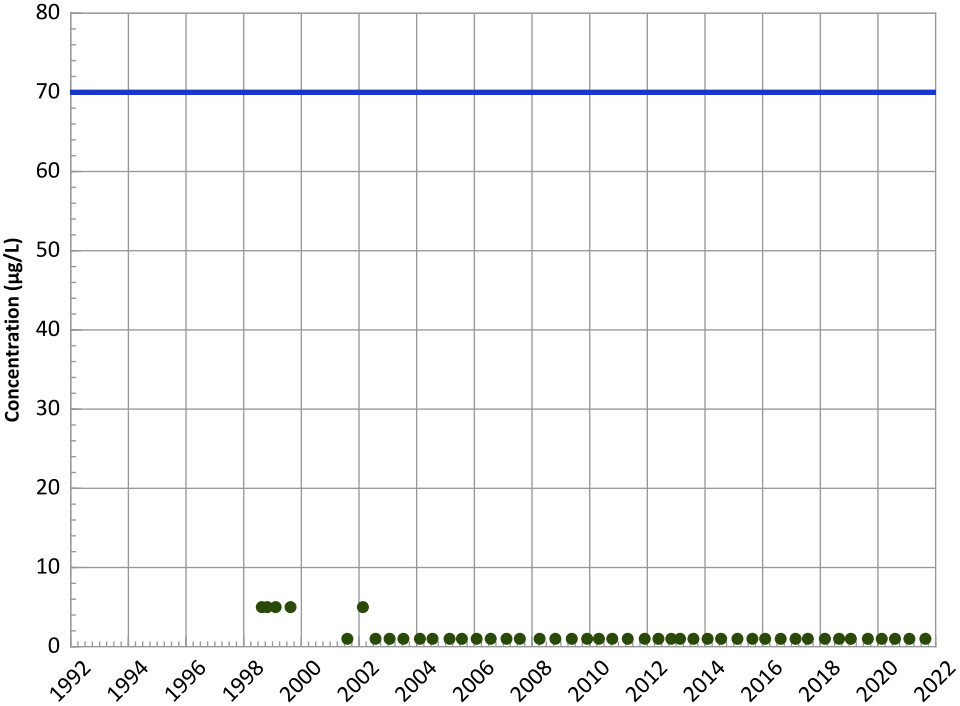


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

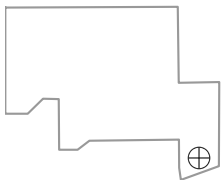
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

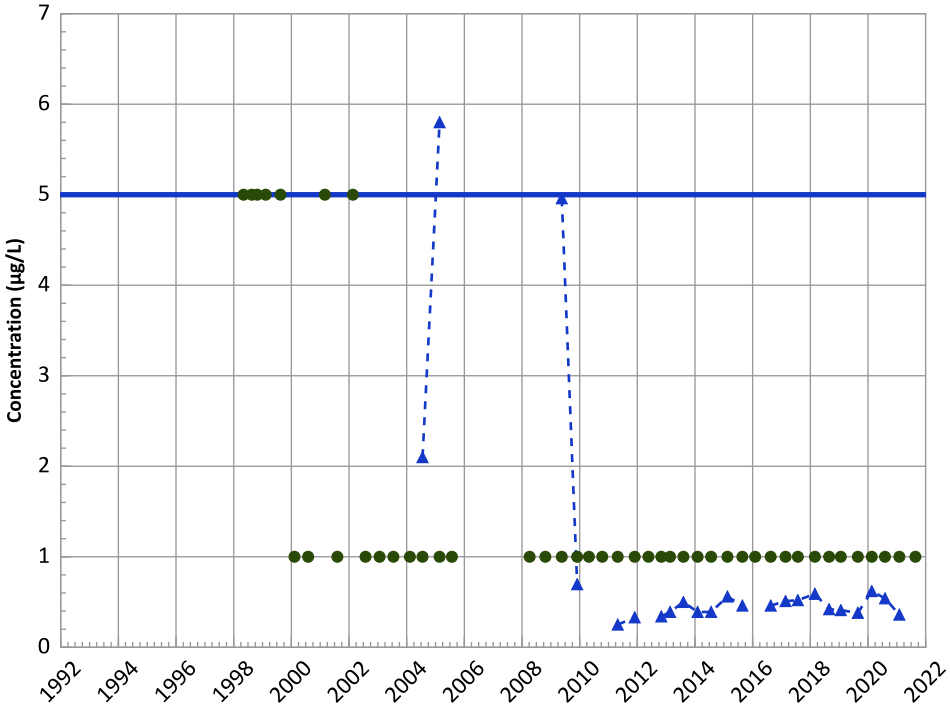
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

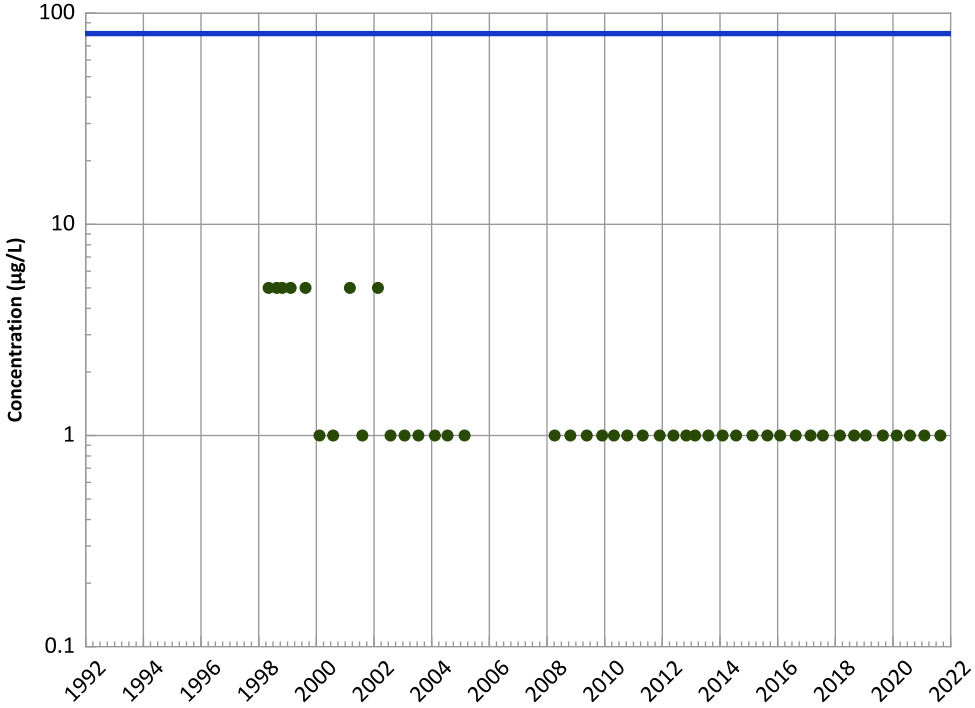


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chloroform Trend



Concentration Trend

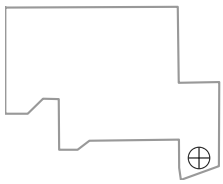
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

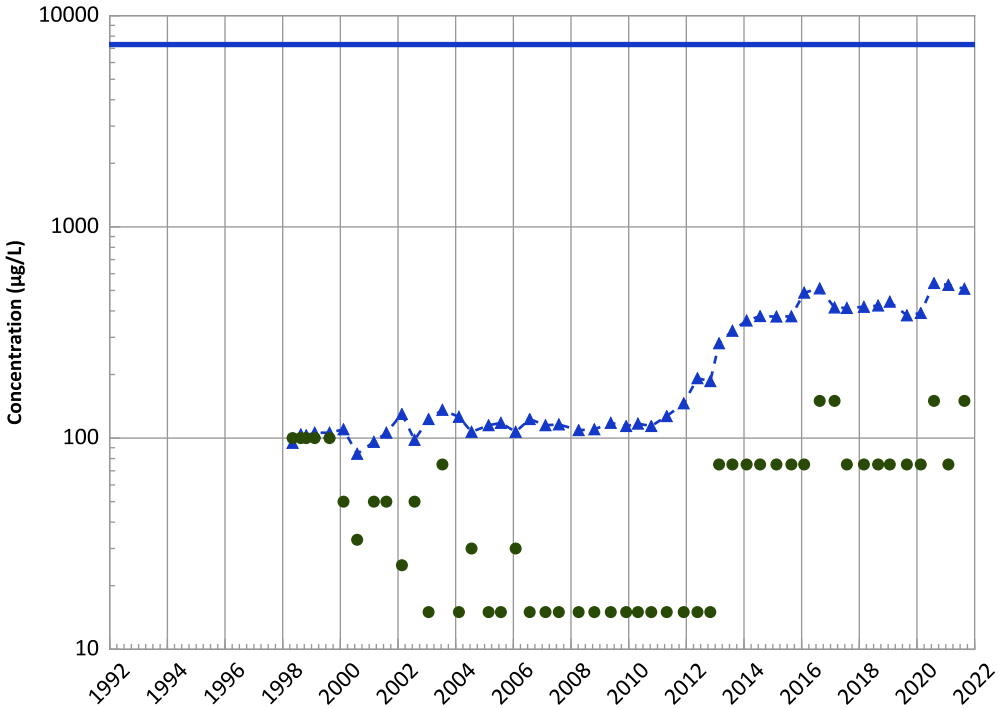
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

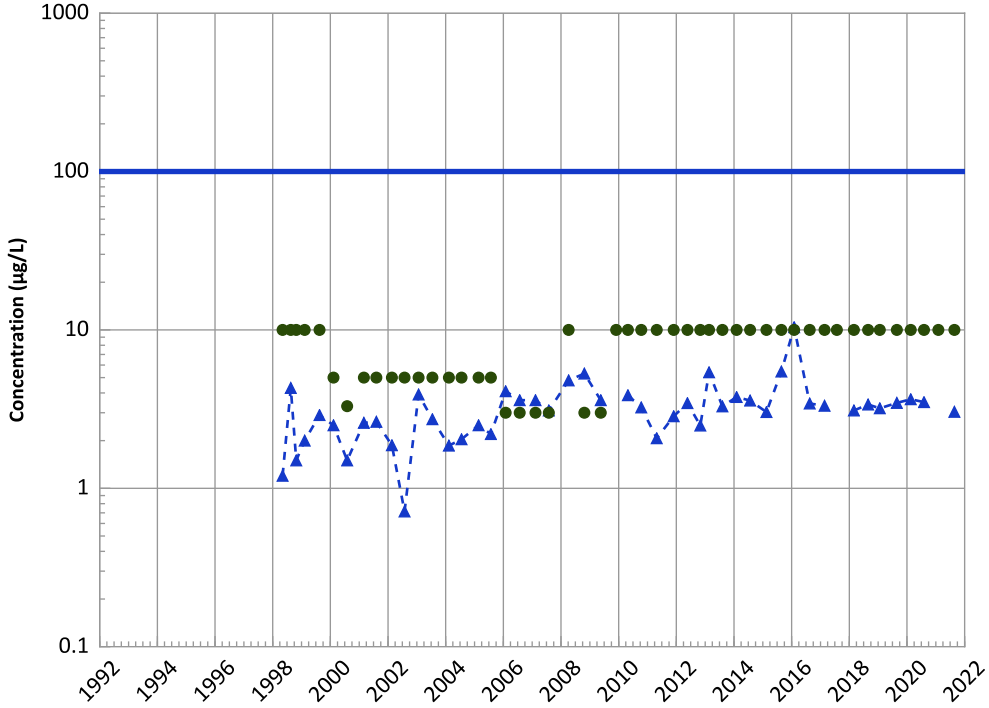


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

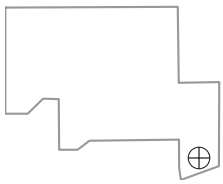
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

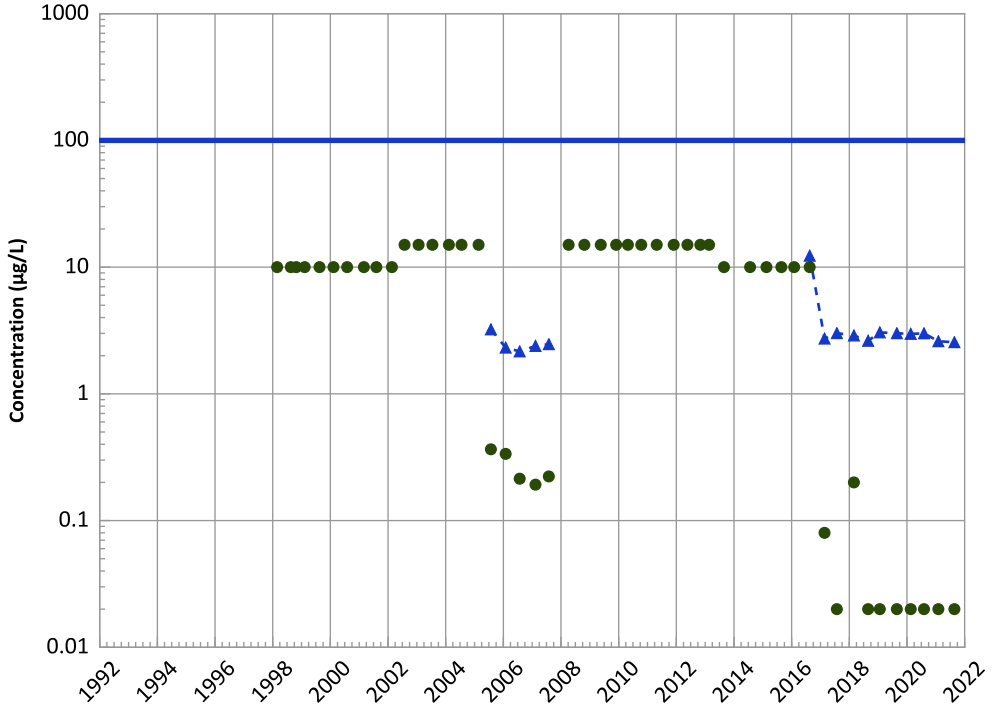
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1034 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

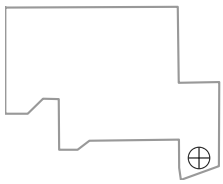
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

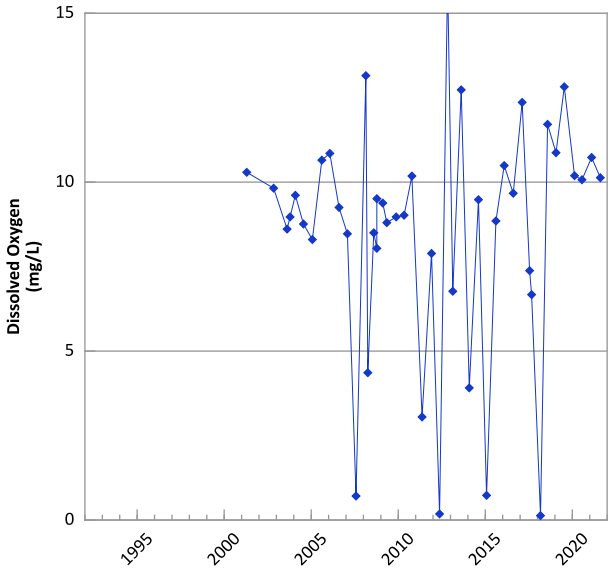
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/26/1998 to 08/24/2021
Analysis Date: 04/05/2022

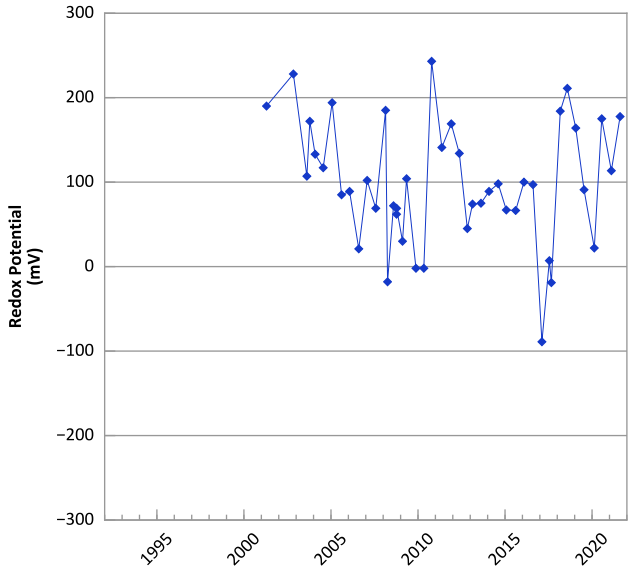
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

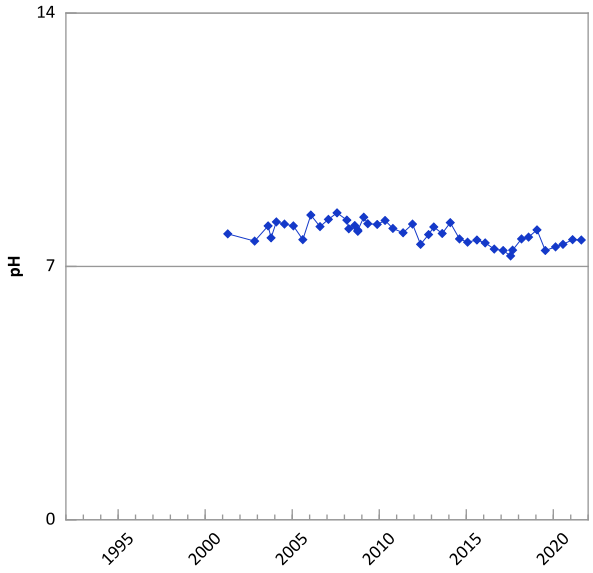
Well Location

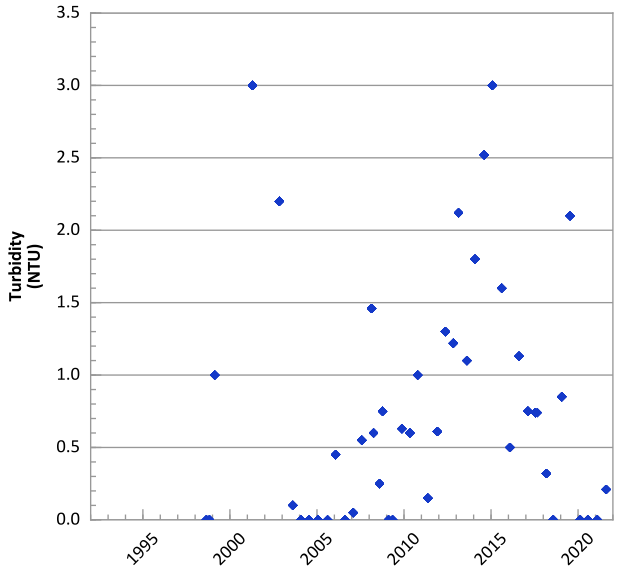


PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



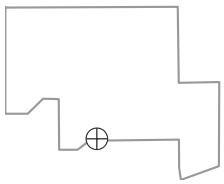






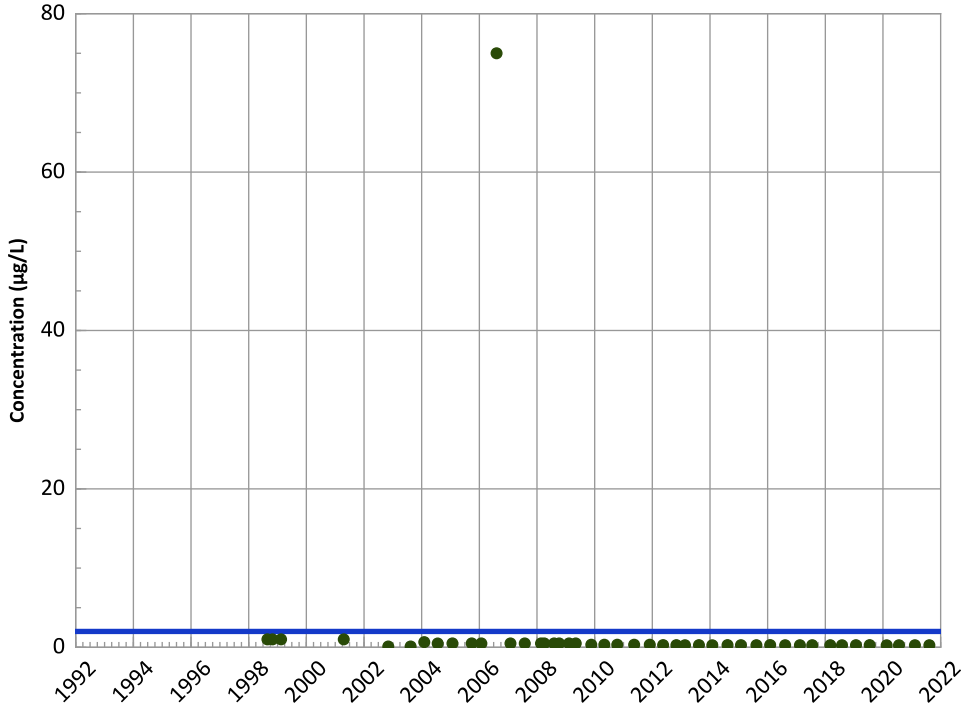
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

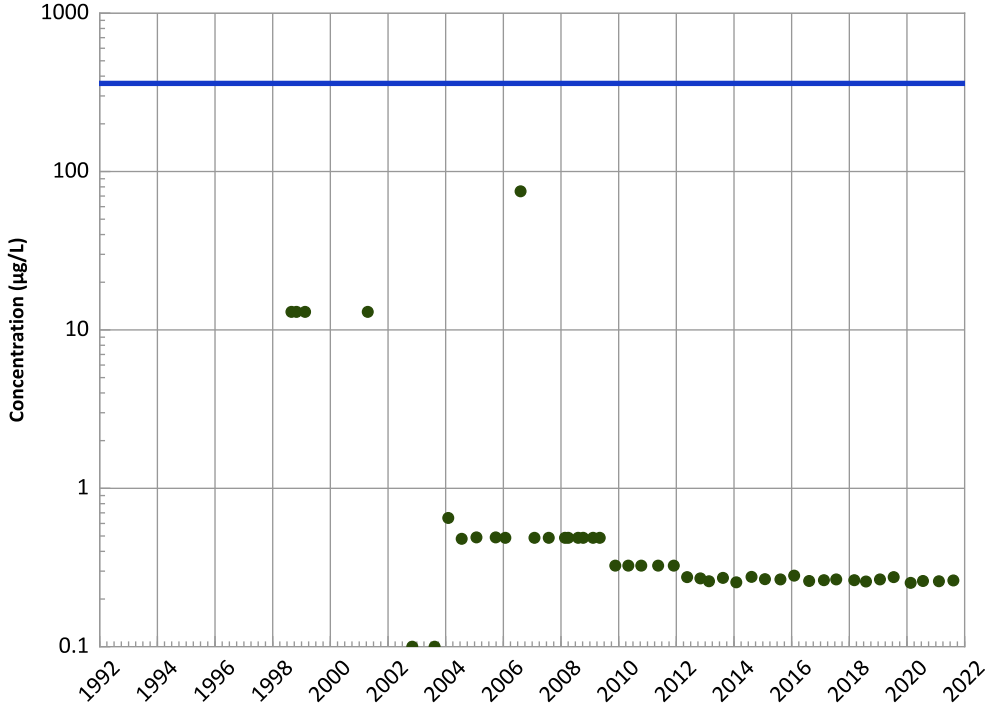


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

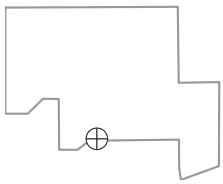
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

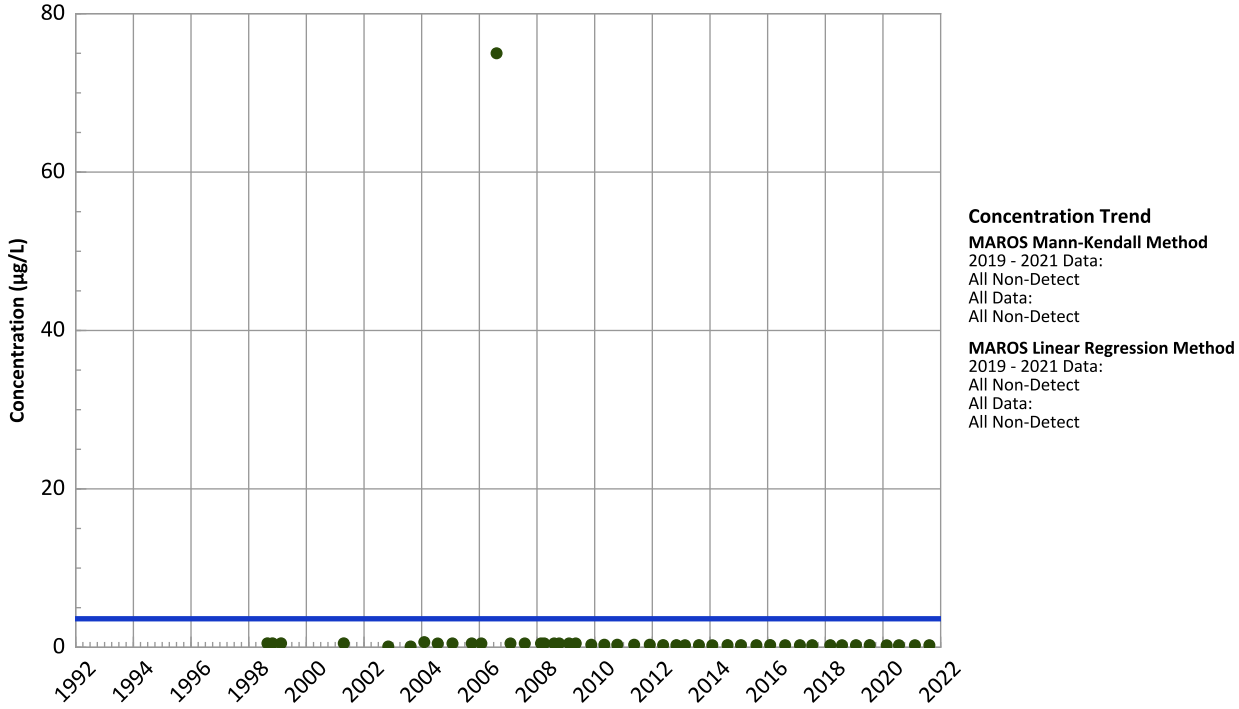
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

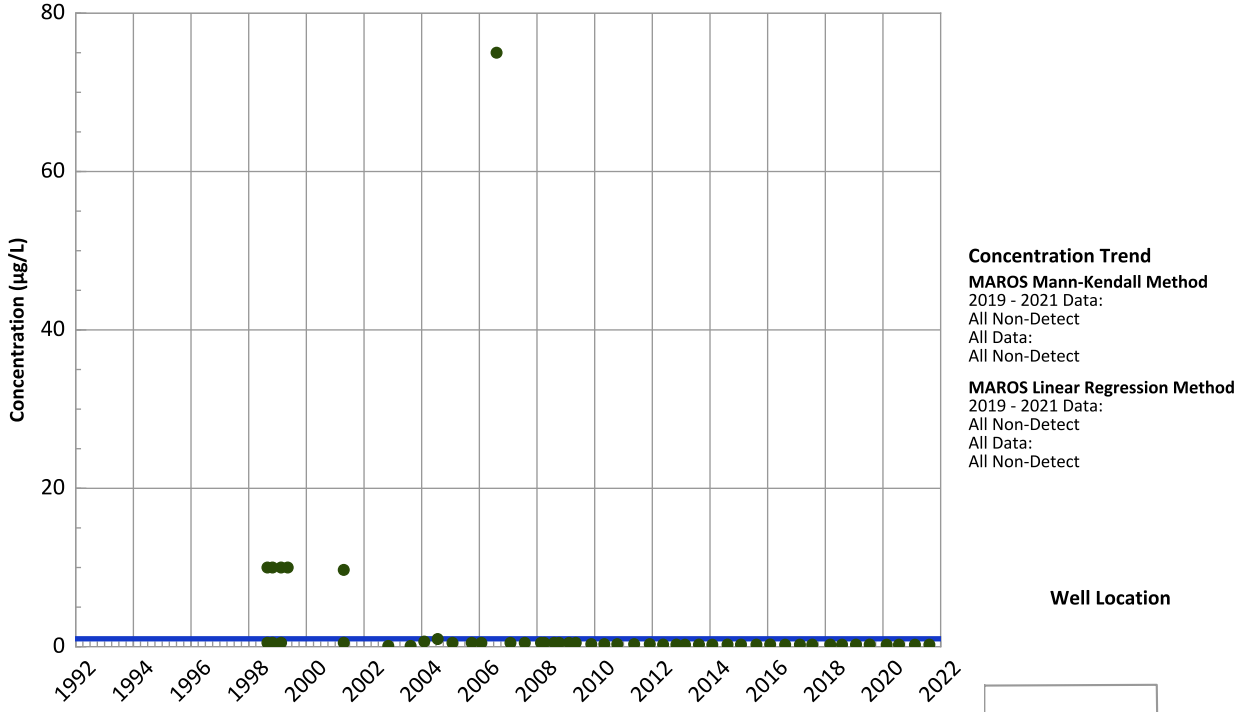


PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



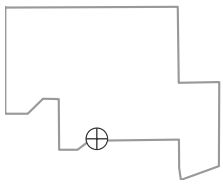
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

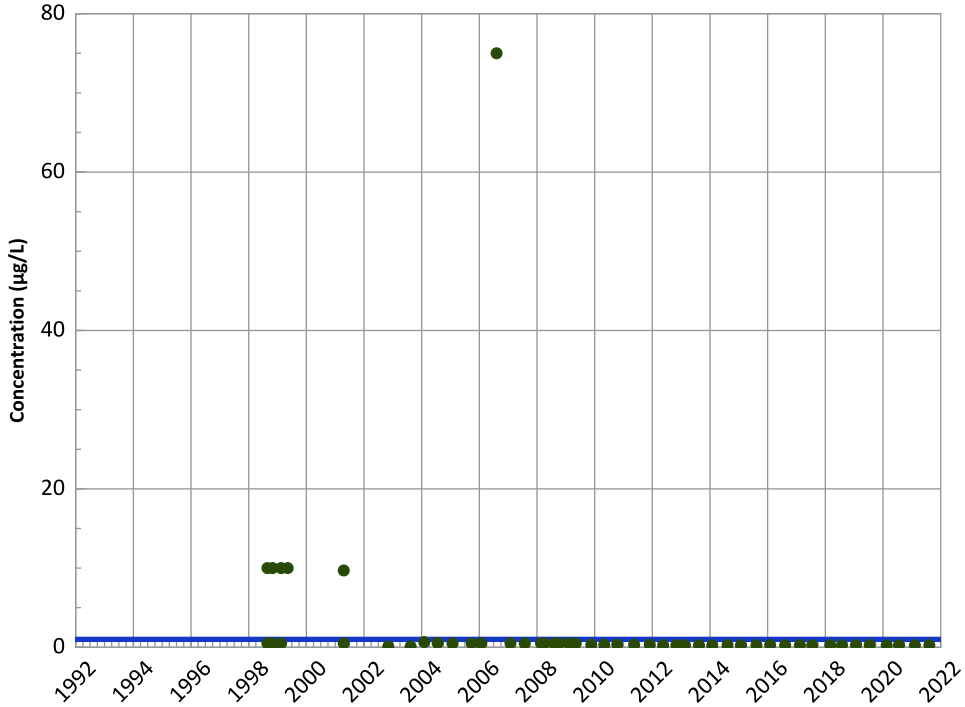
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

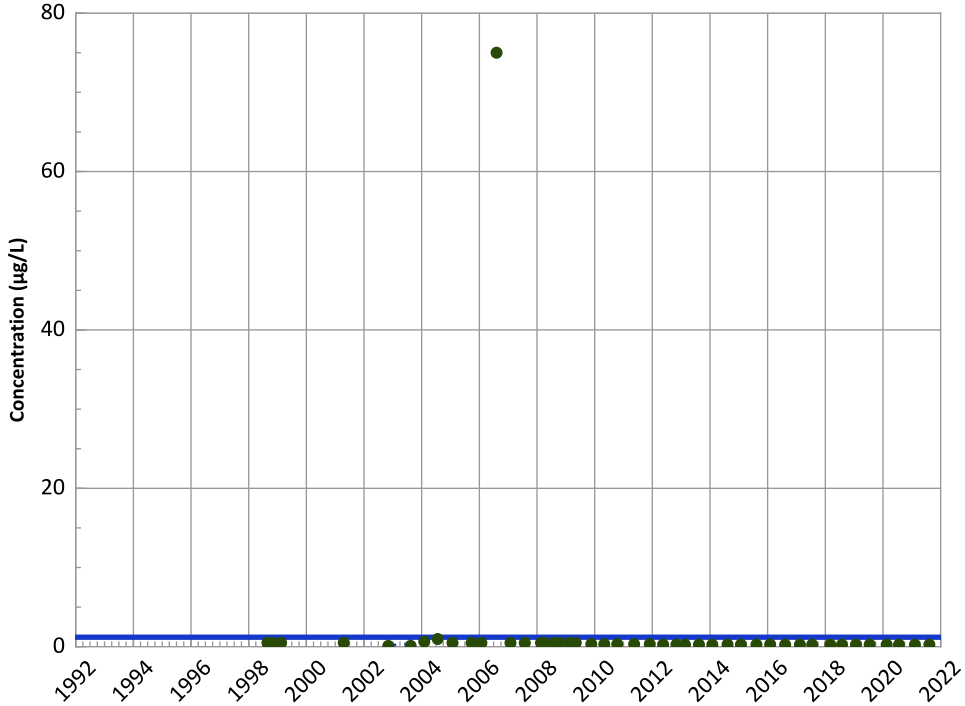


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

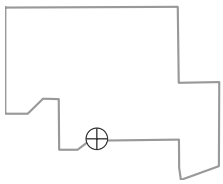
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

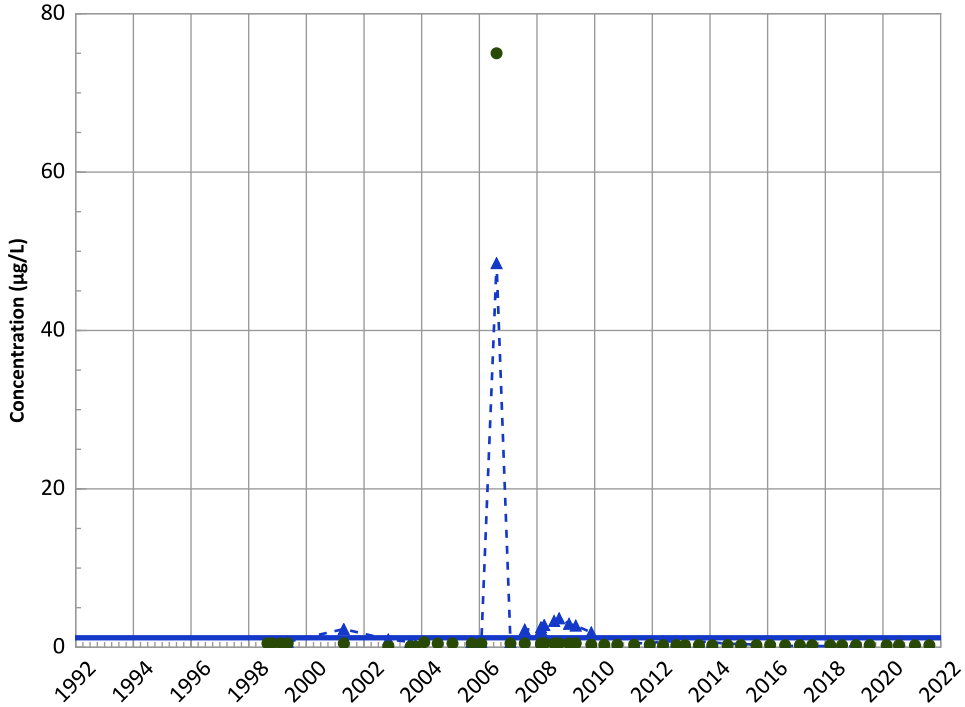
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

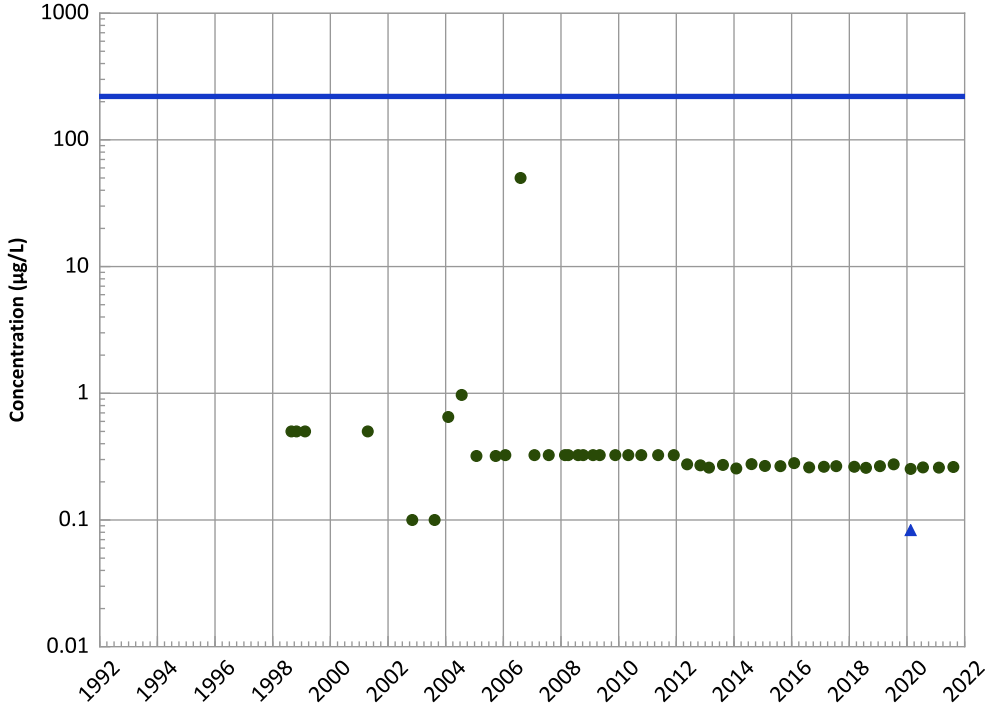


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

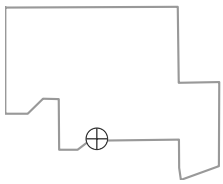
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

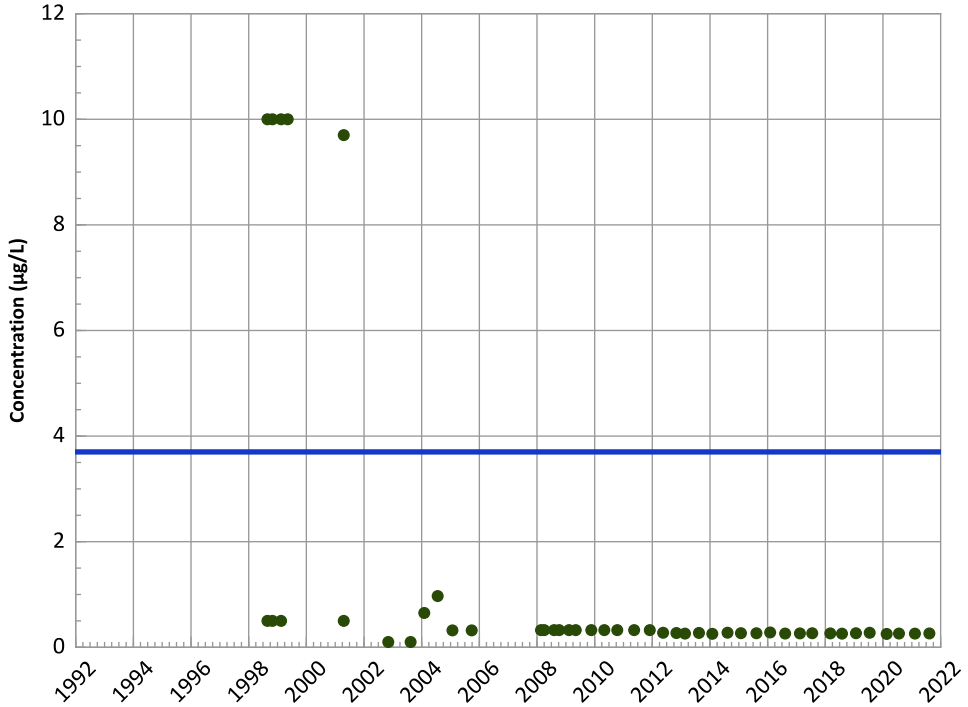
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

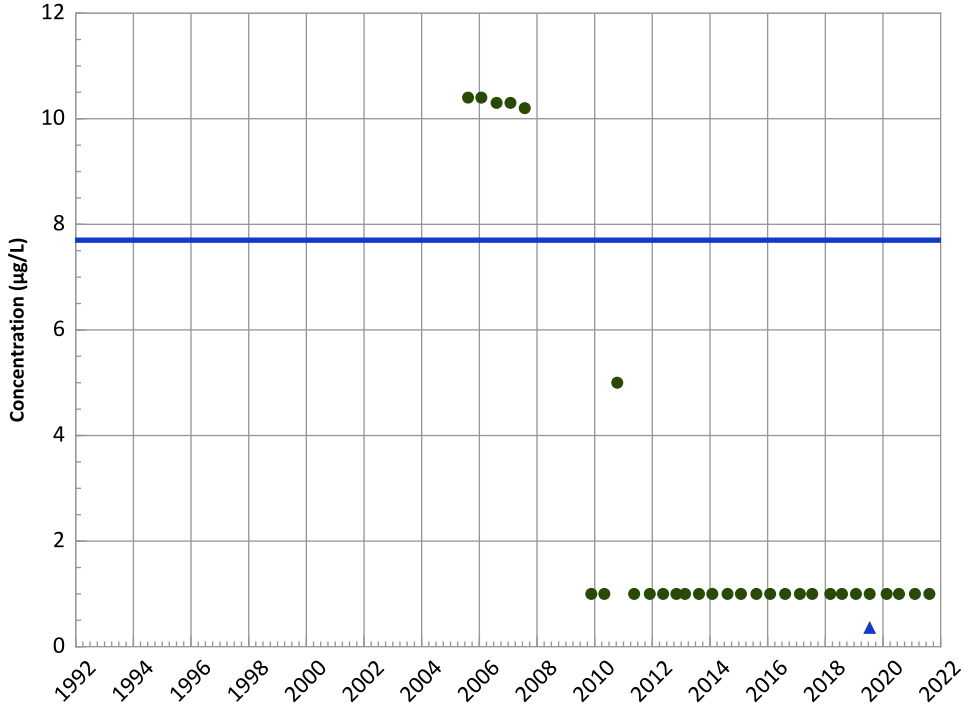


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

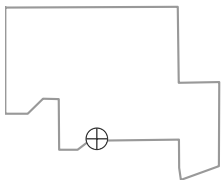
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

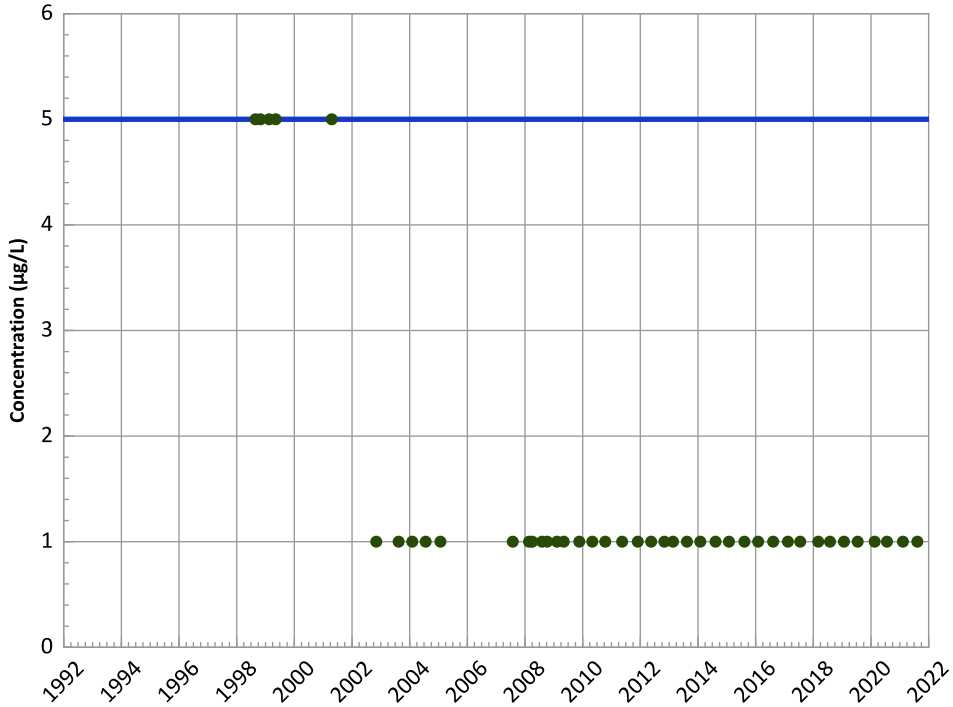
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

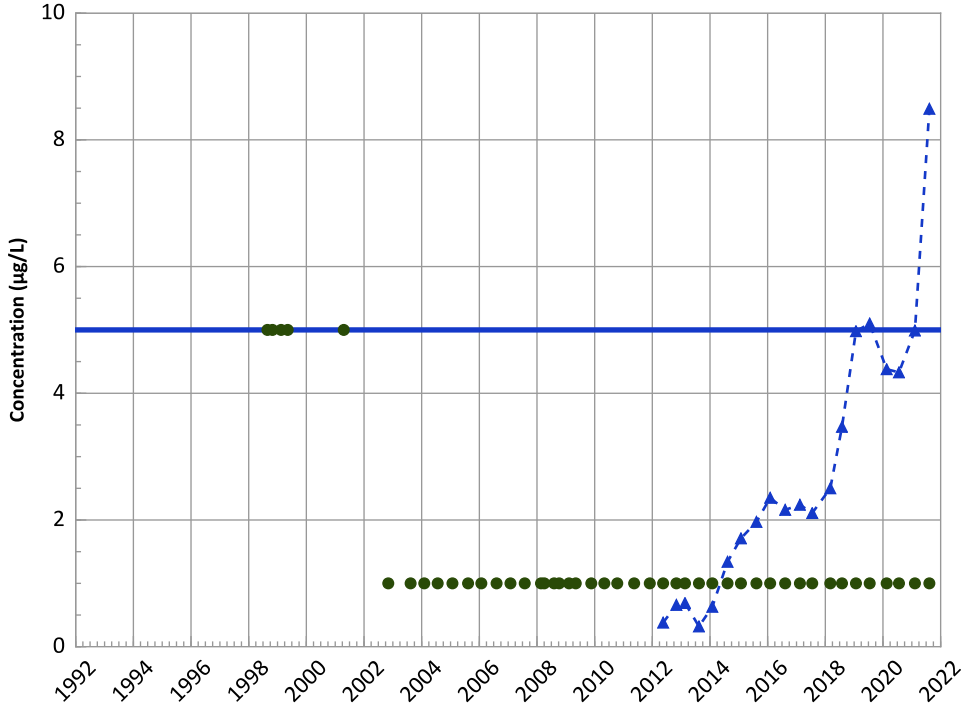


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

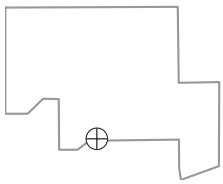
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

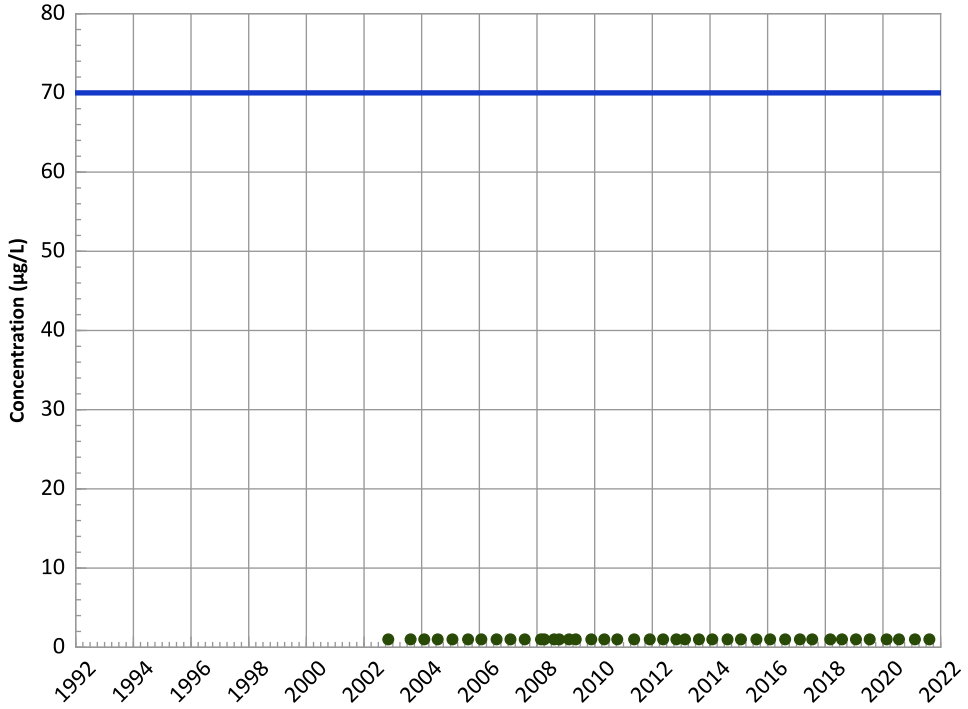
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

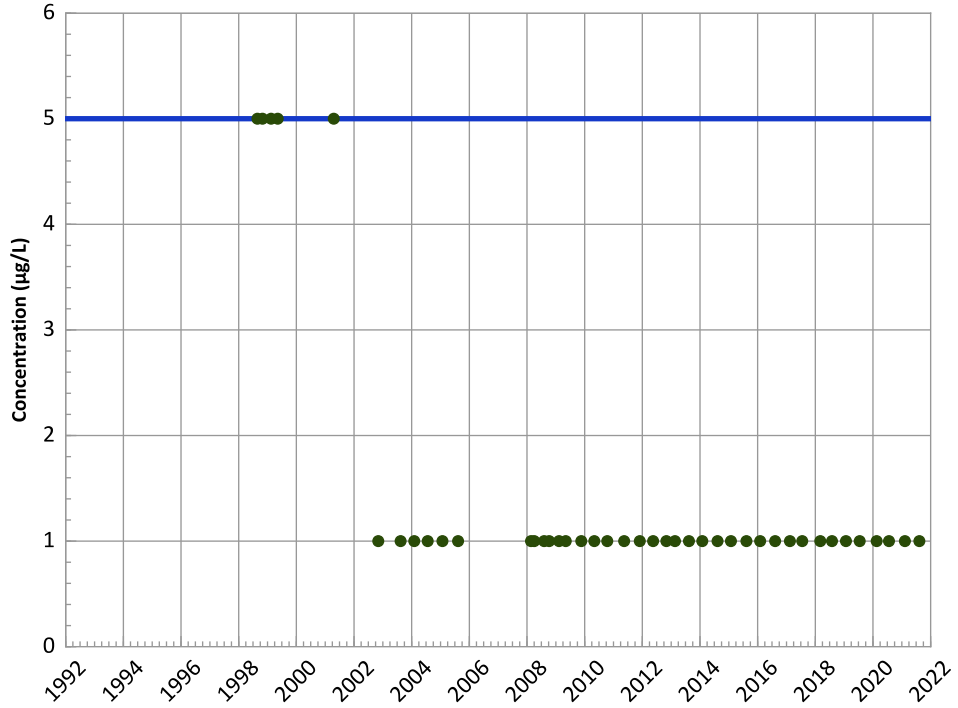


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

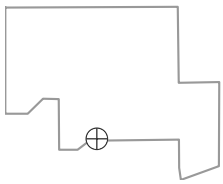
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

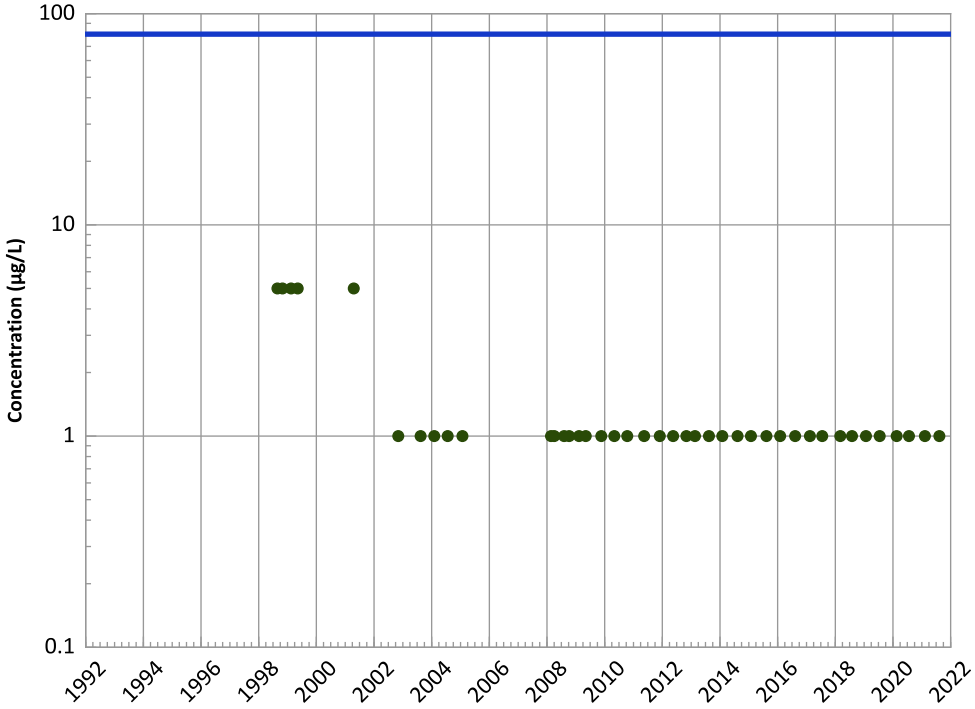
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

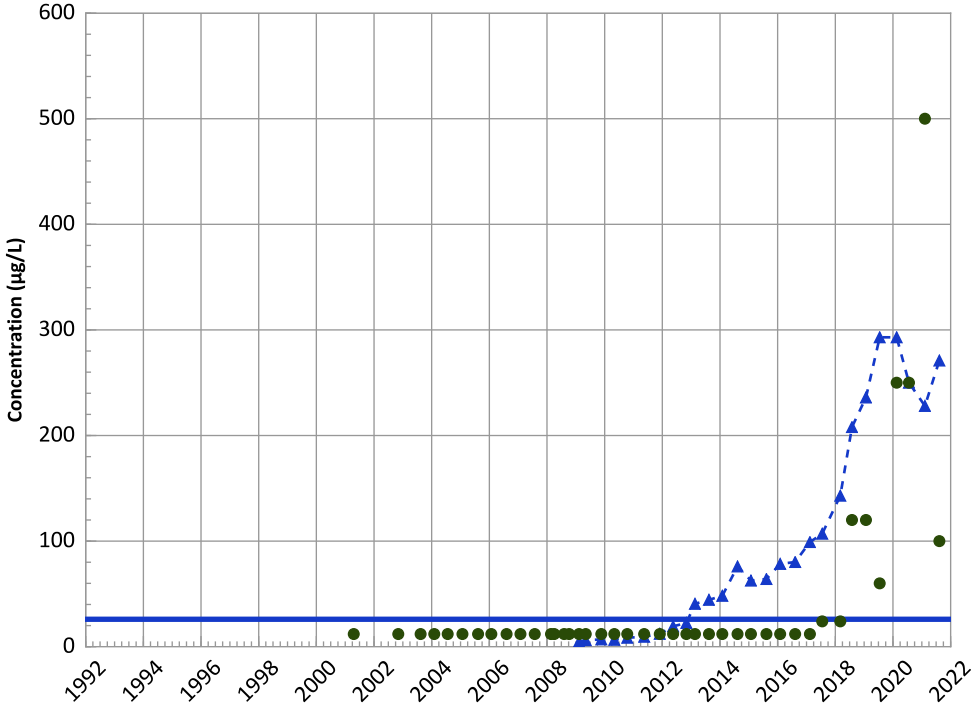


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

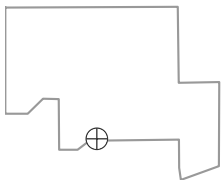
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

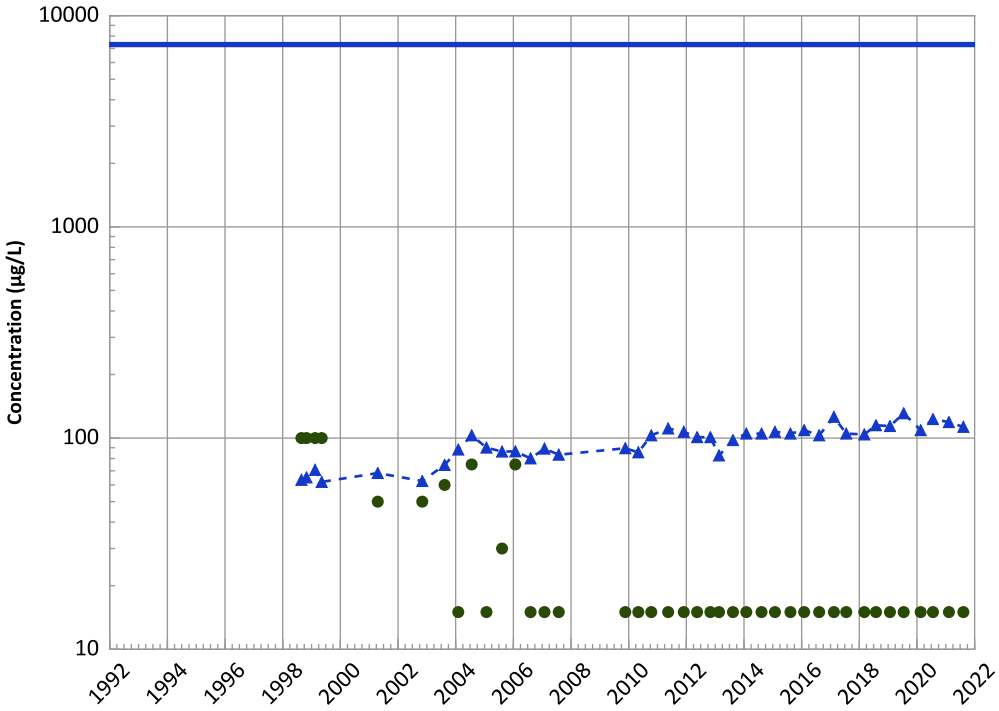
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

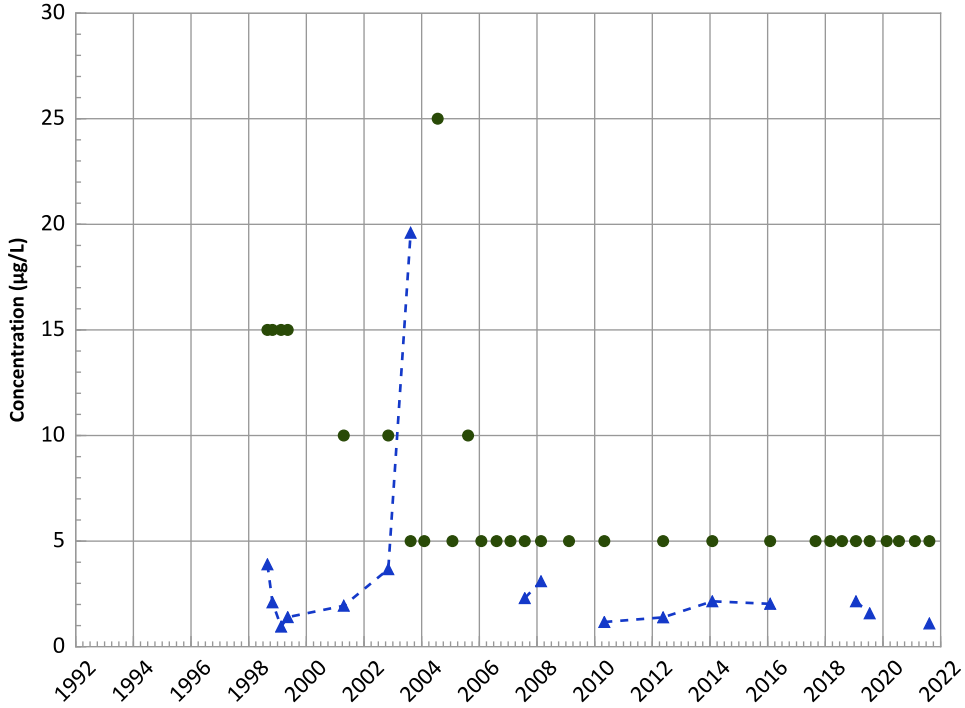


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Manganese Trend



Concentration Trend

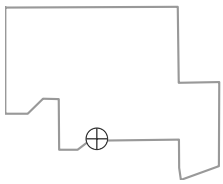
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

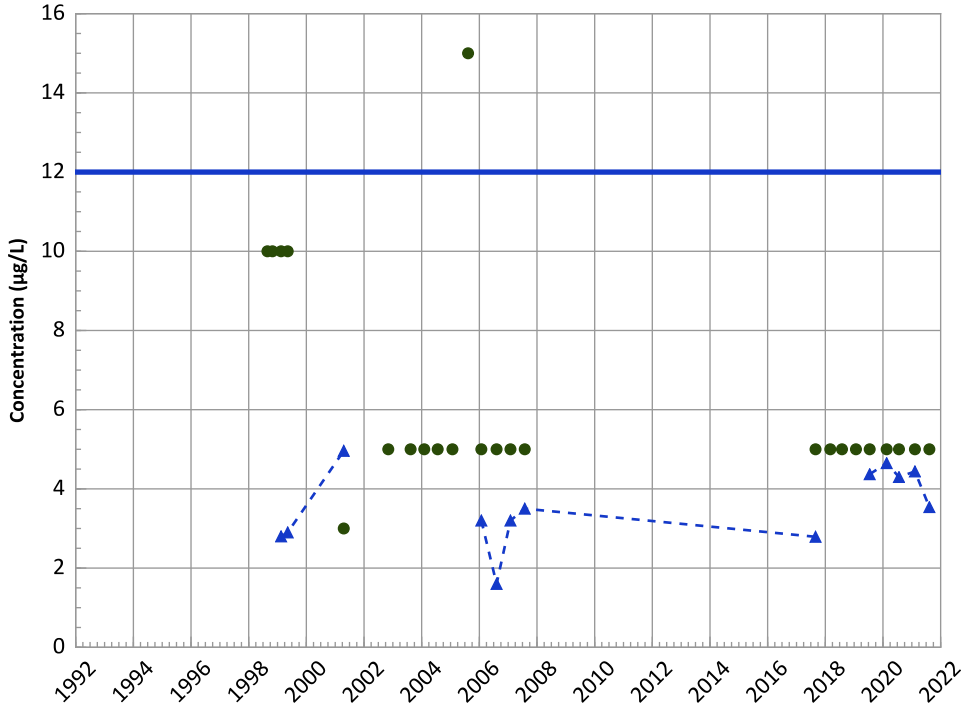
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1035 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

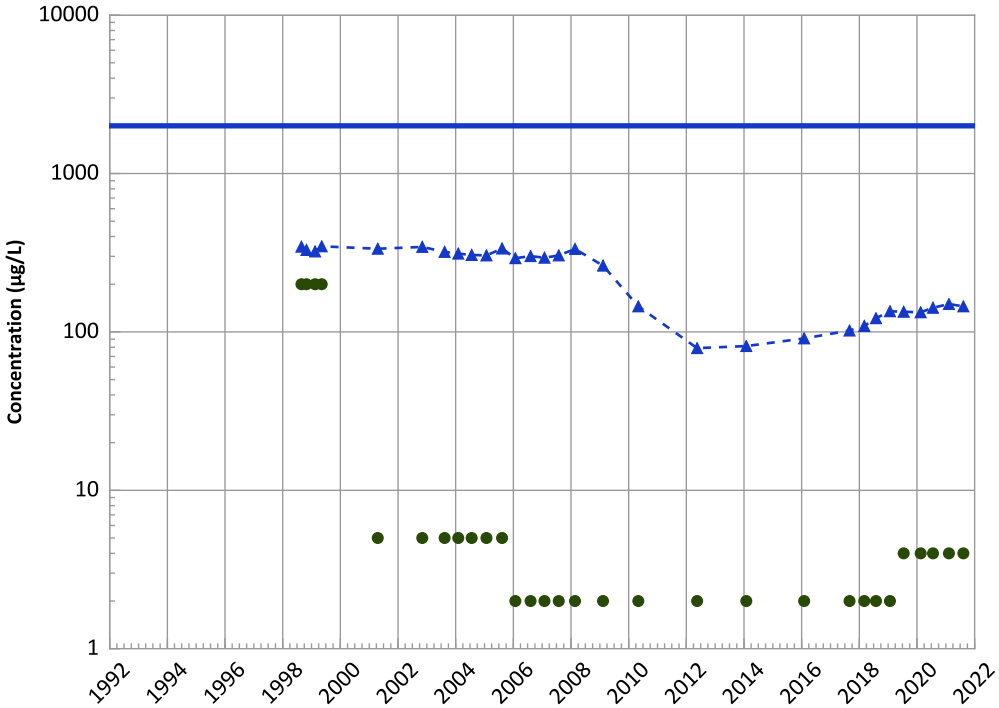


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Increasing

Barium Trend



Concentration Trend

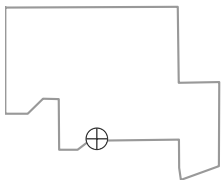
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

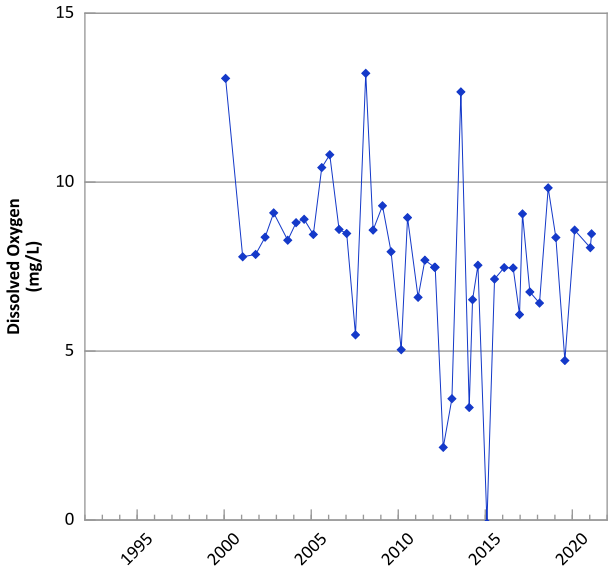
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/1998 to 08/11/2021
Analysis Date: 04/05/2022

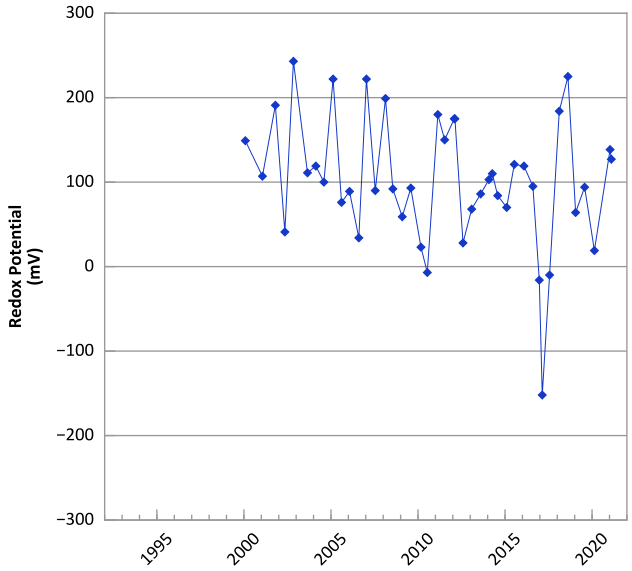
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

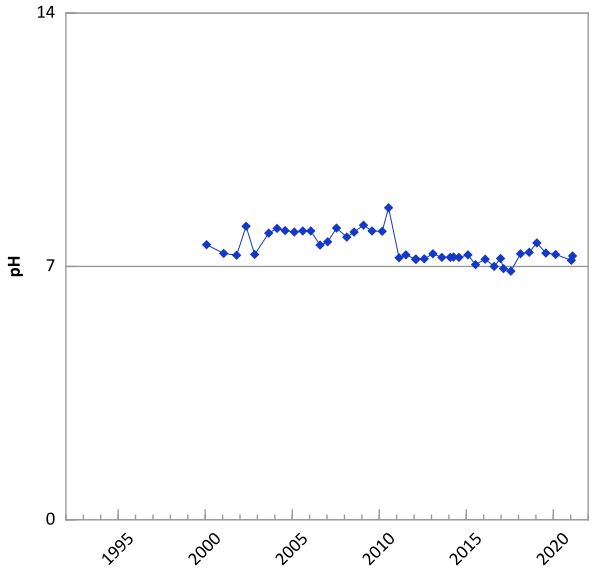
Well Location

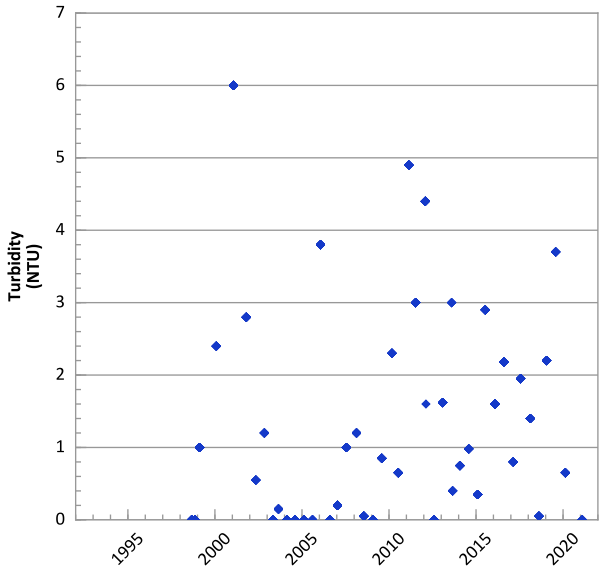


PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



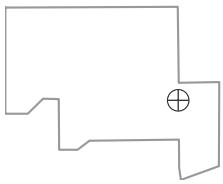






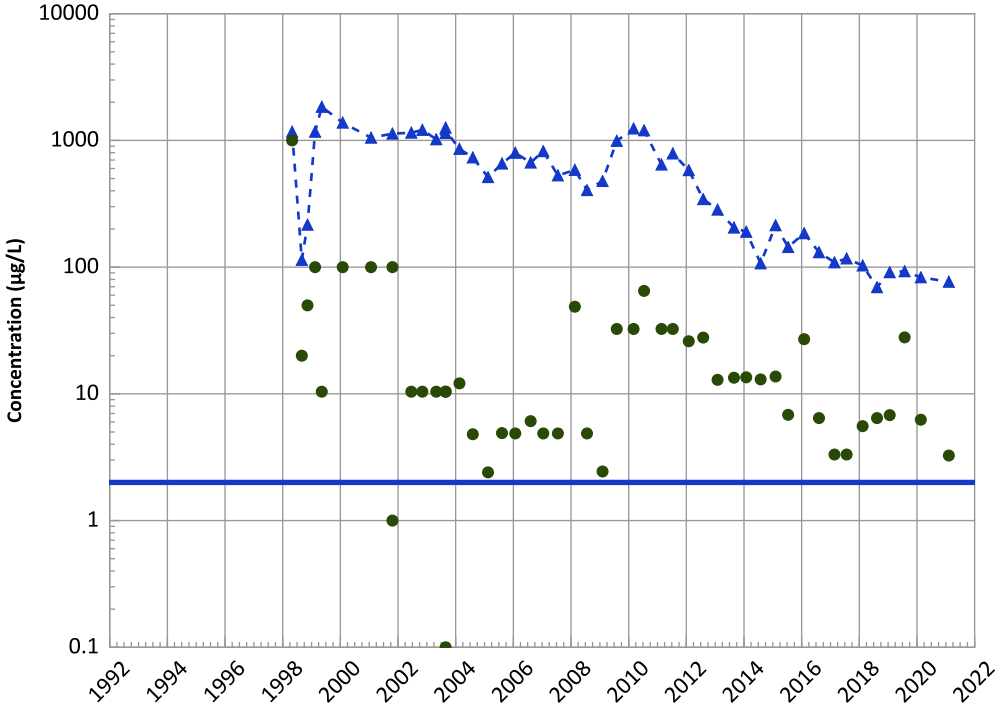
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

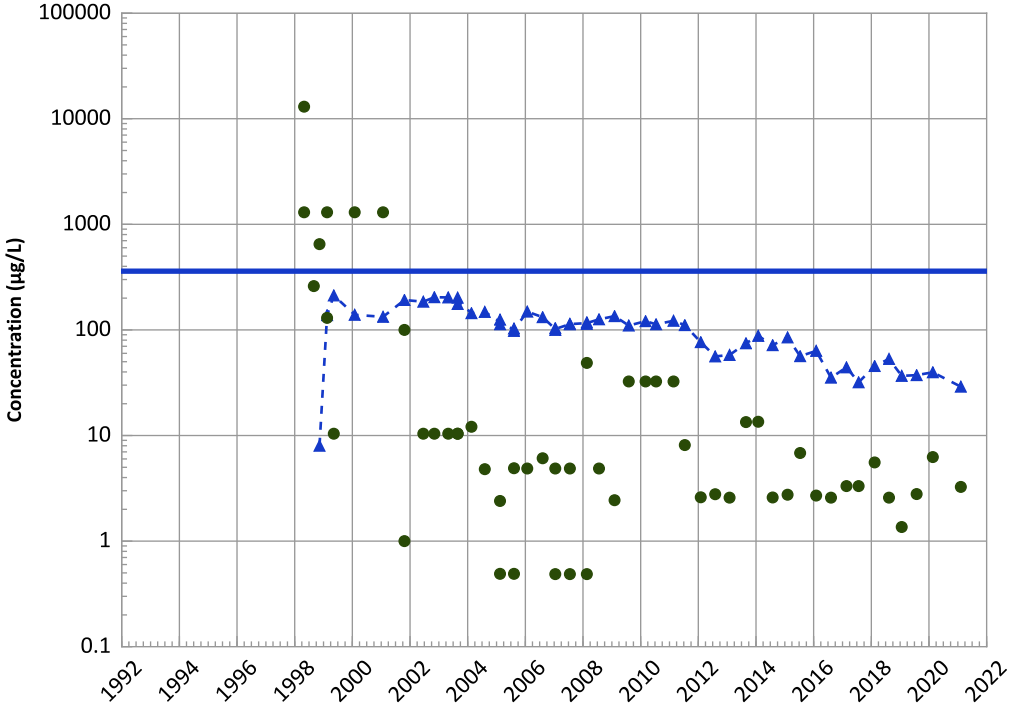


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

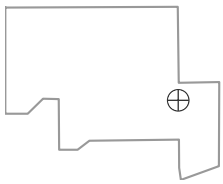
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

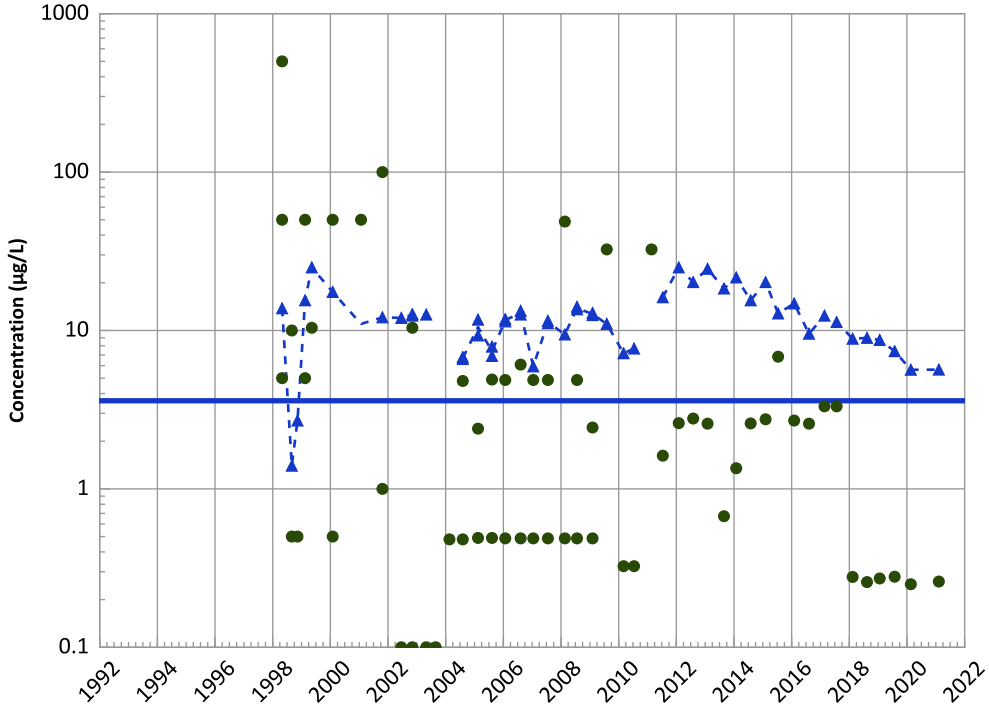
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

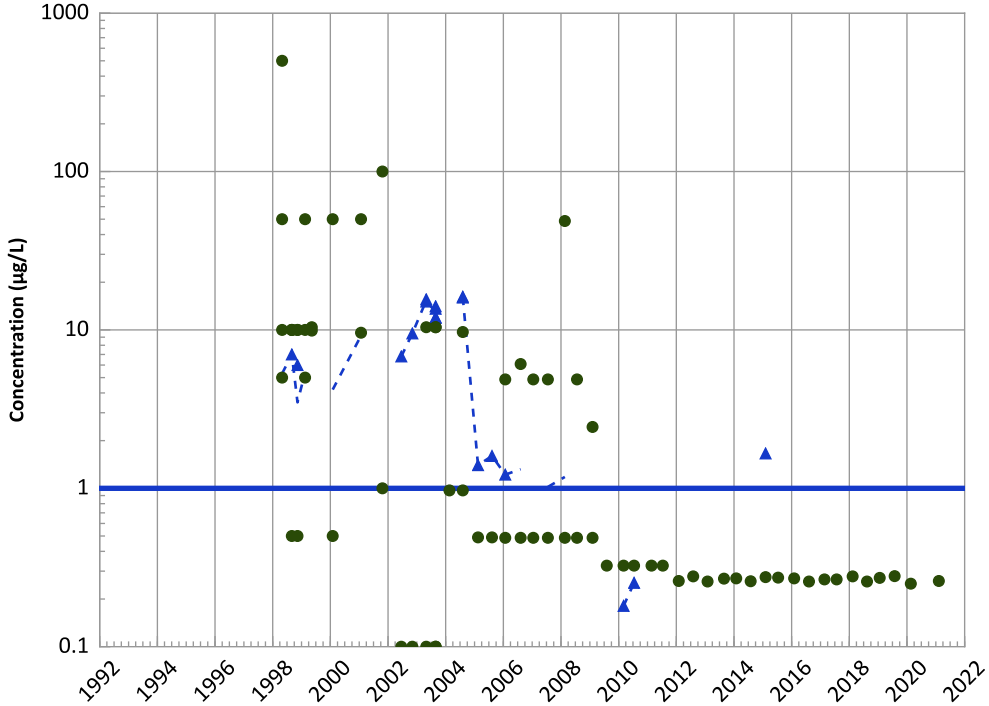


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

2,4-Dinitrotoluene Trend



Concentration Trend

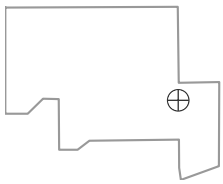
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

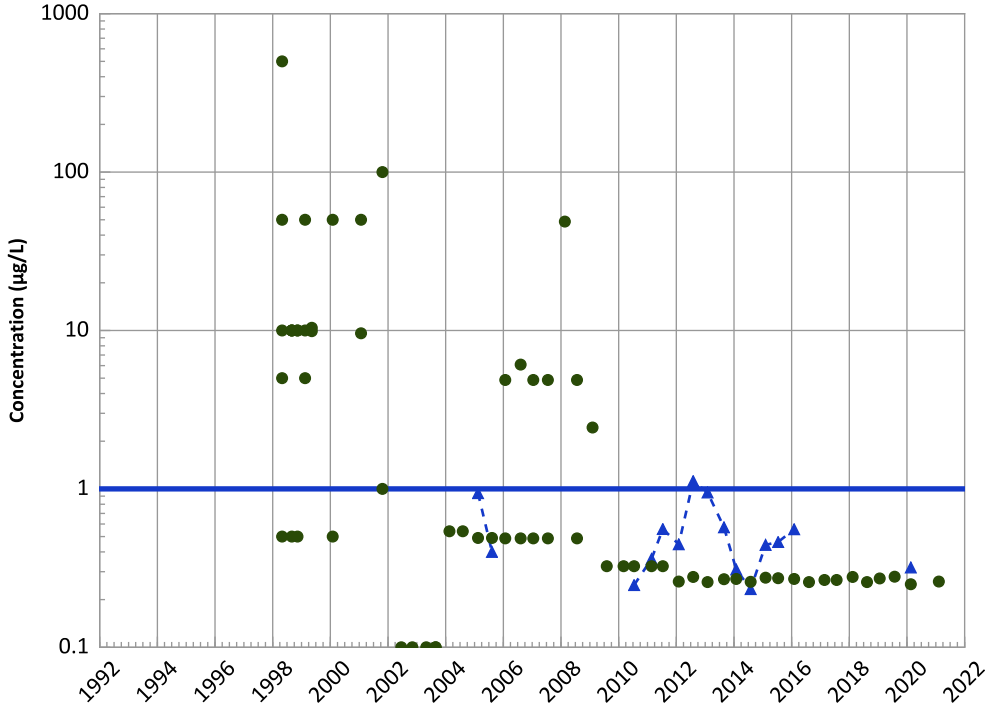
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

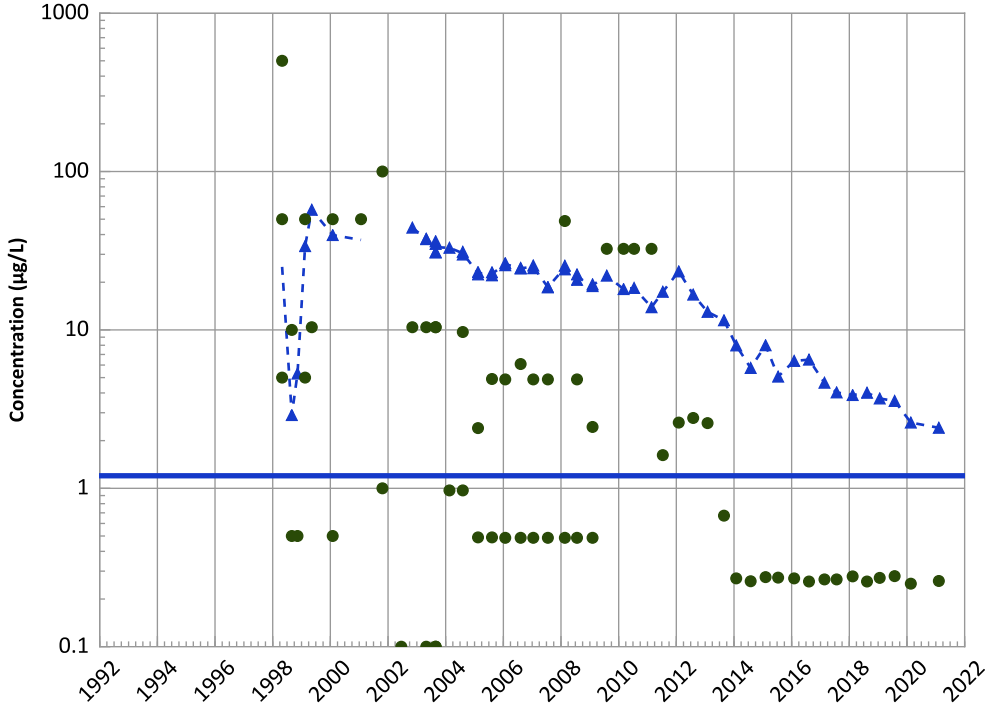


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

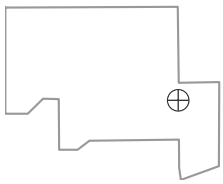
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

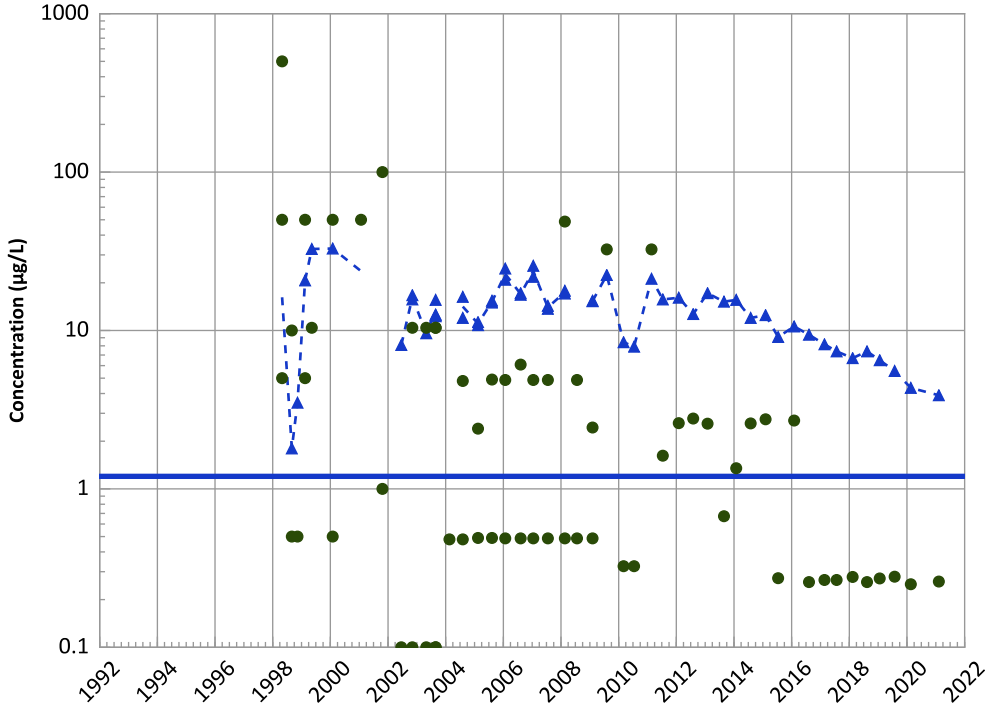
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

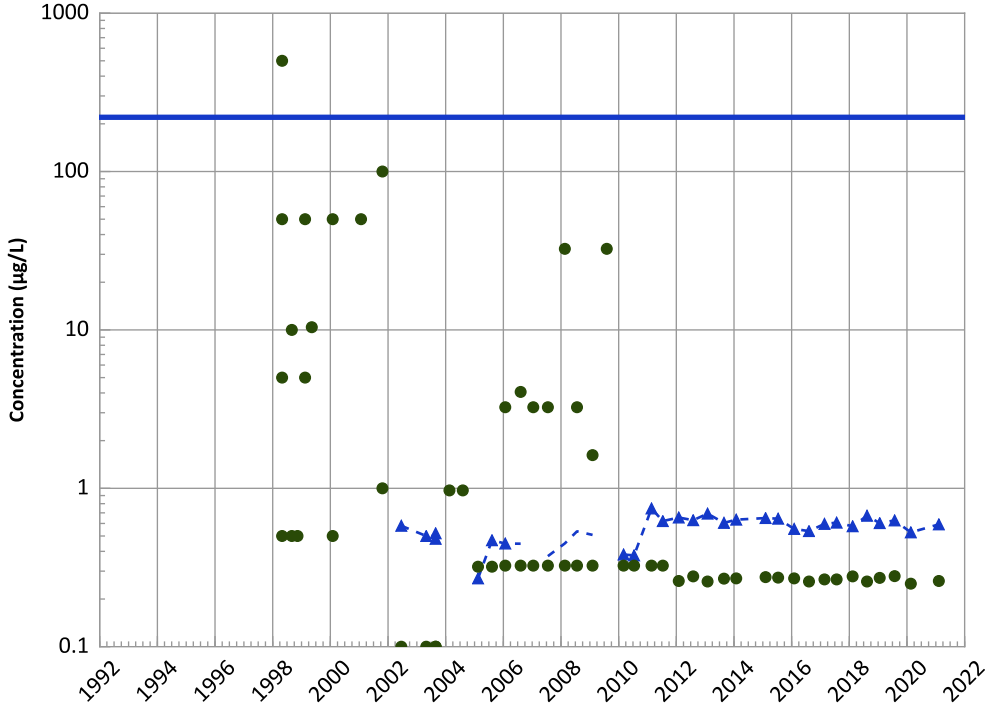


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

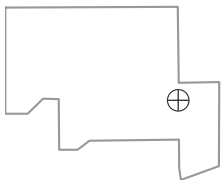
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

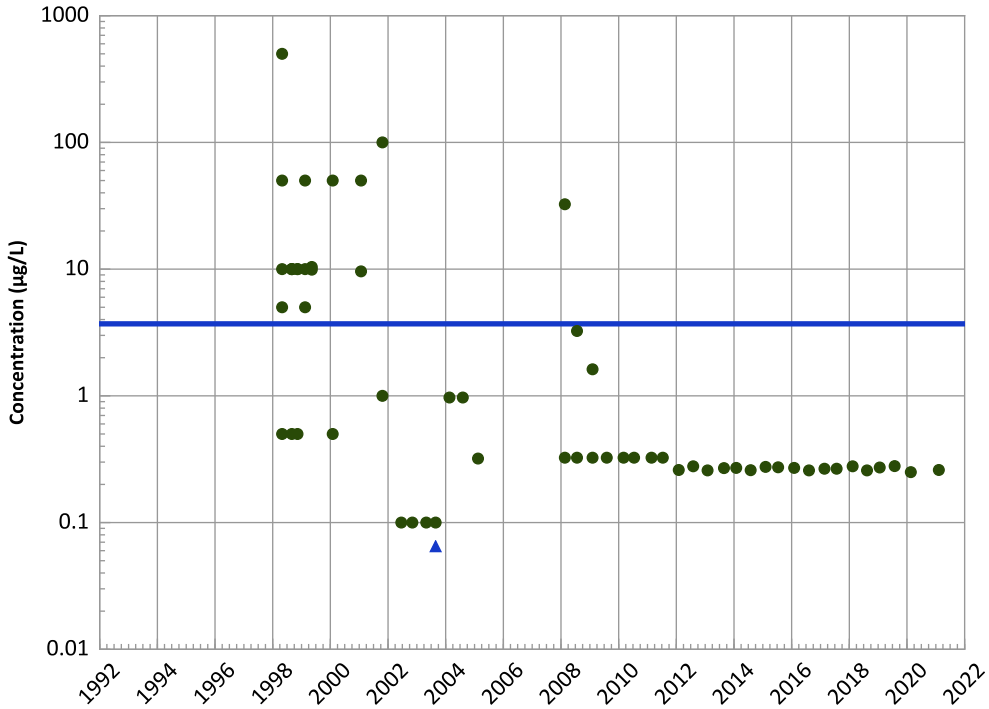
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

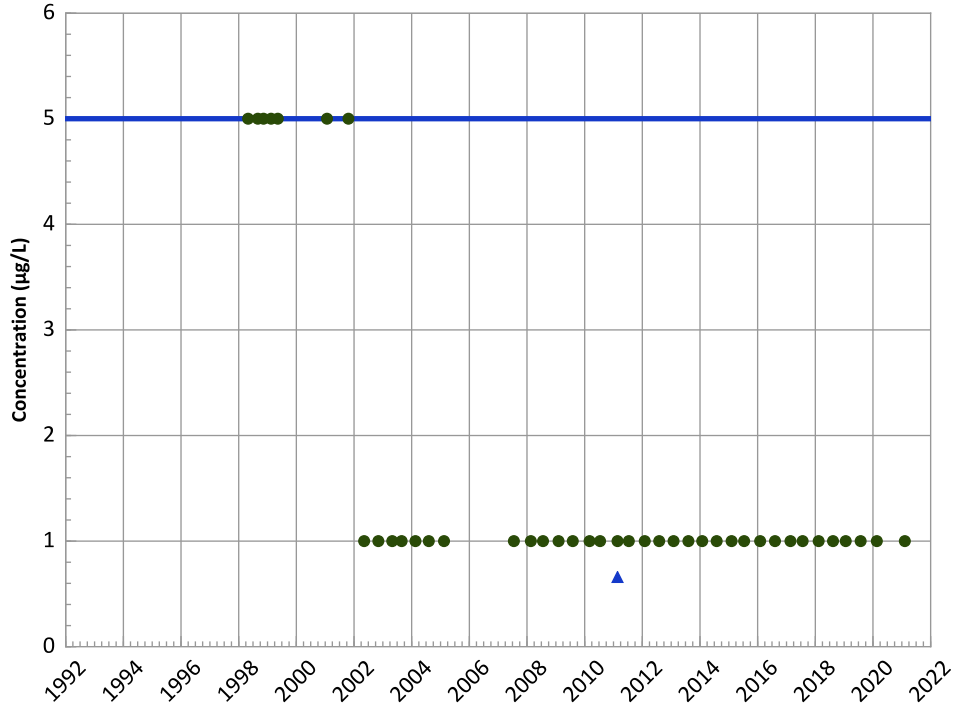


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

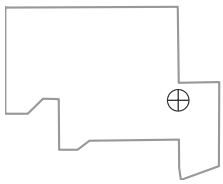
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

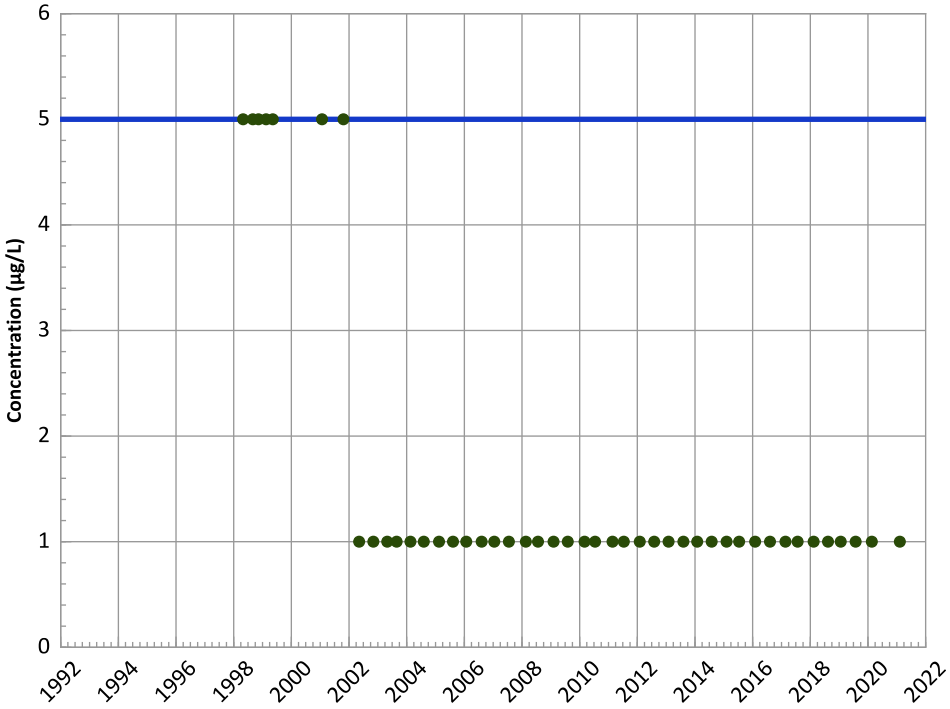
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

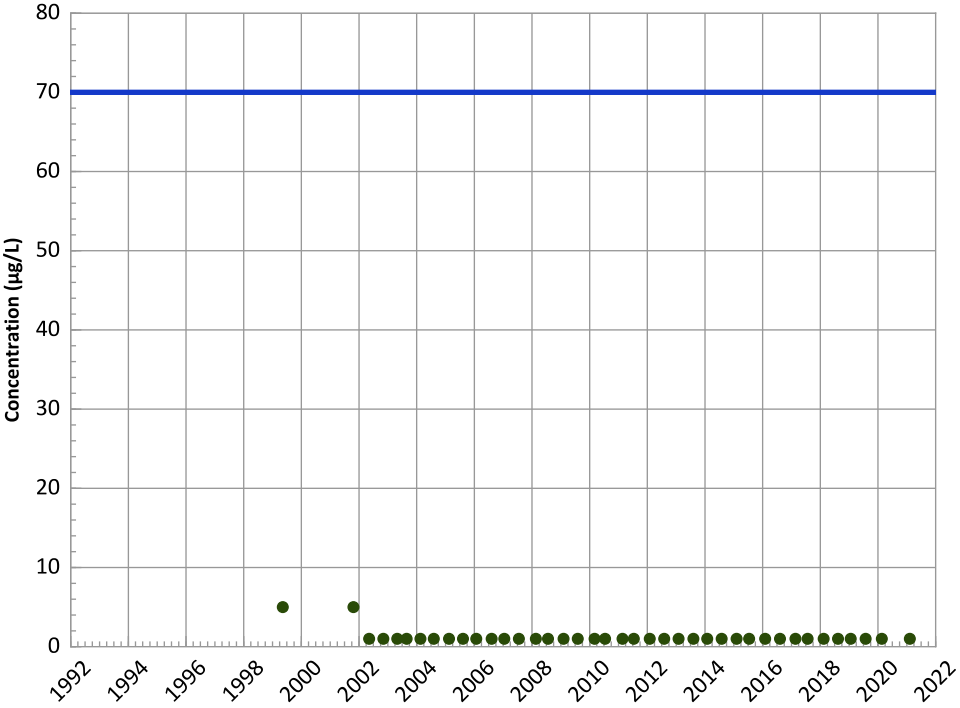


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

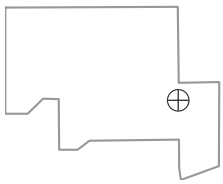
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

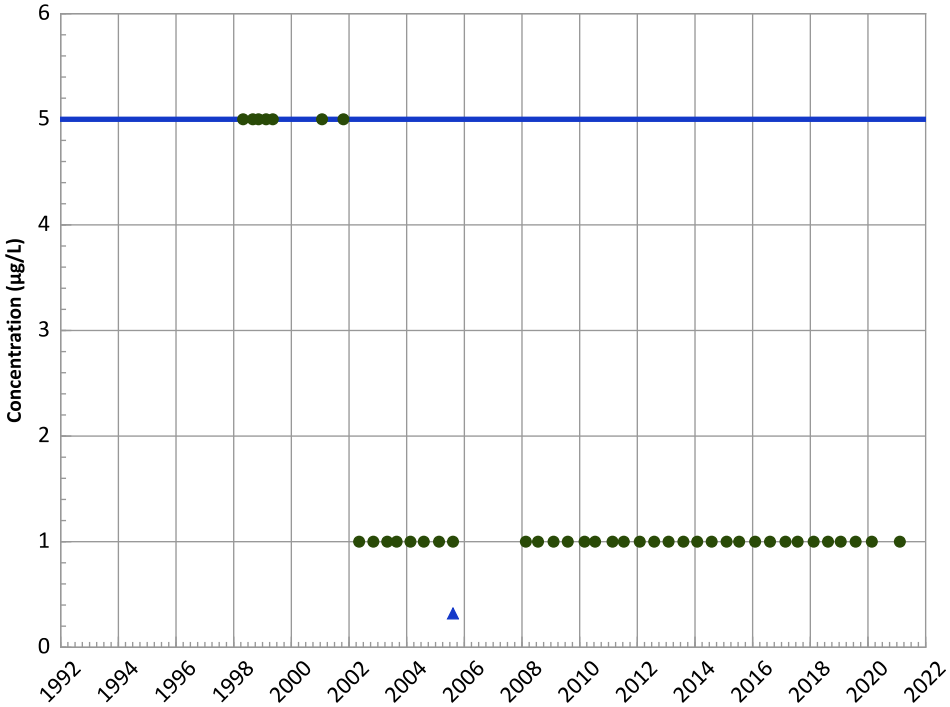
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

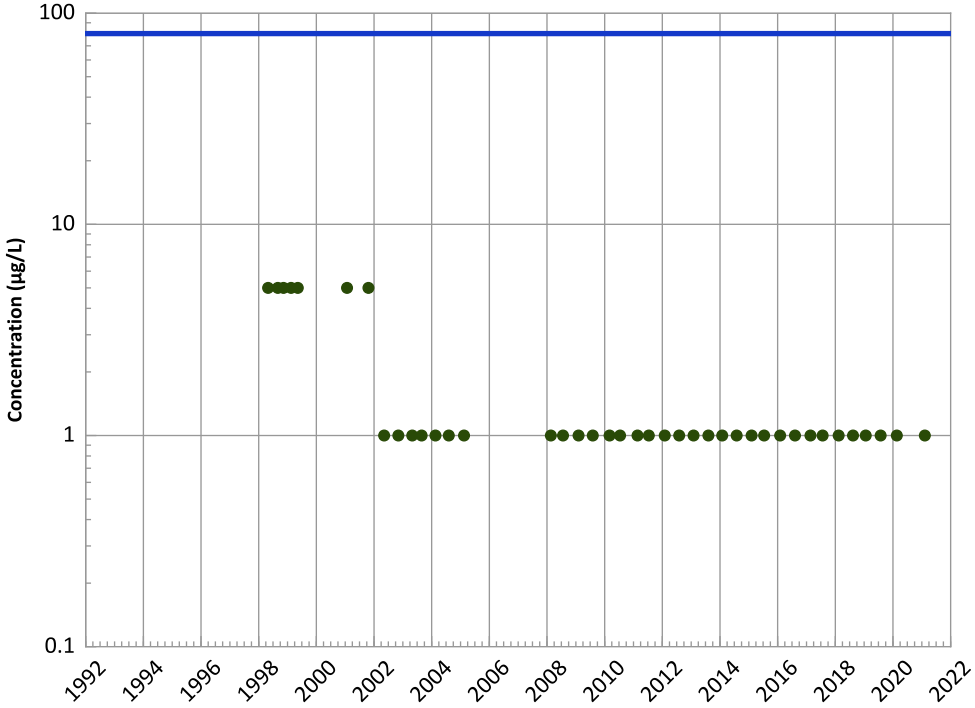


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

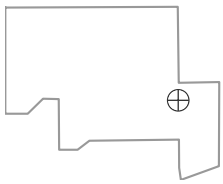
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

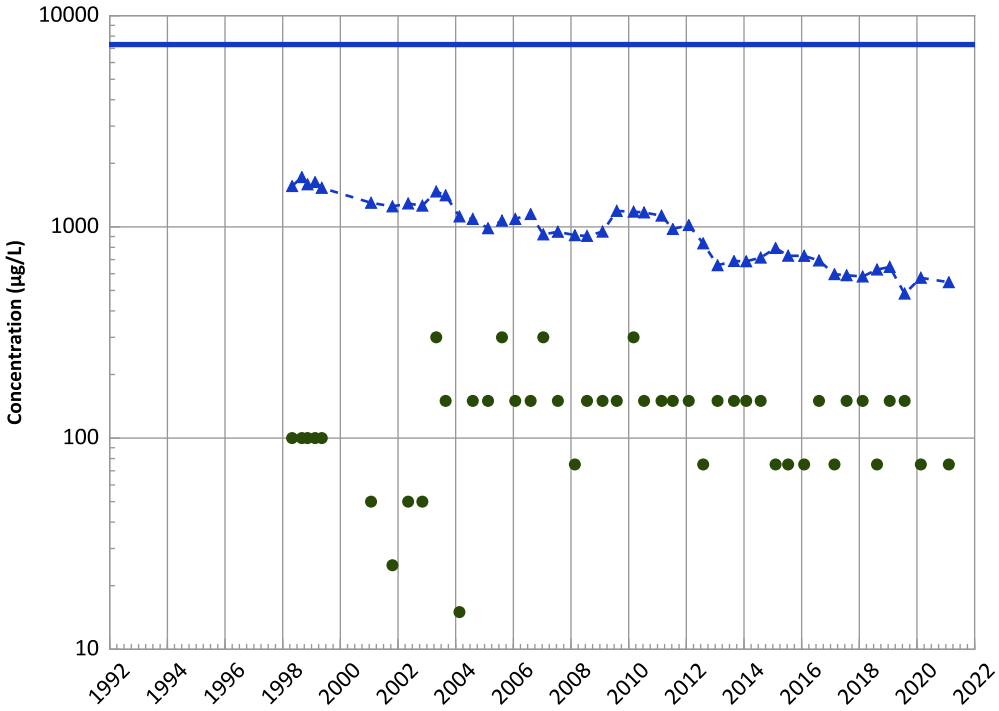
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

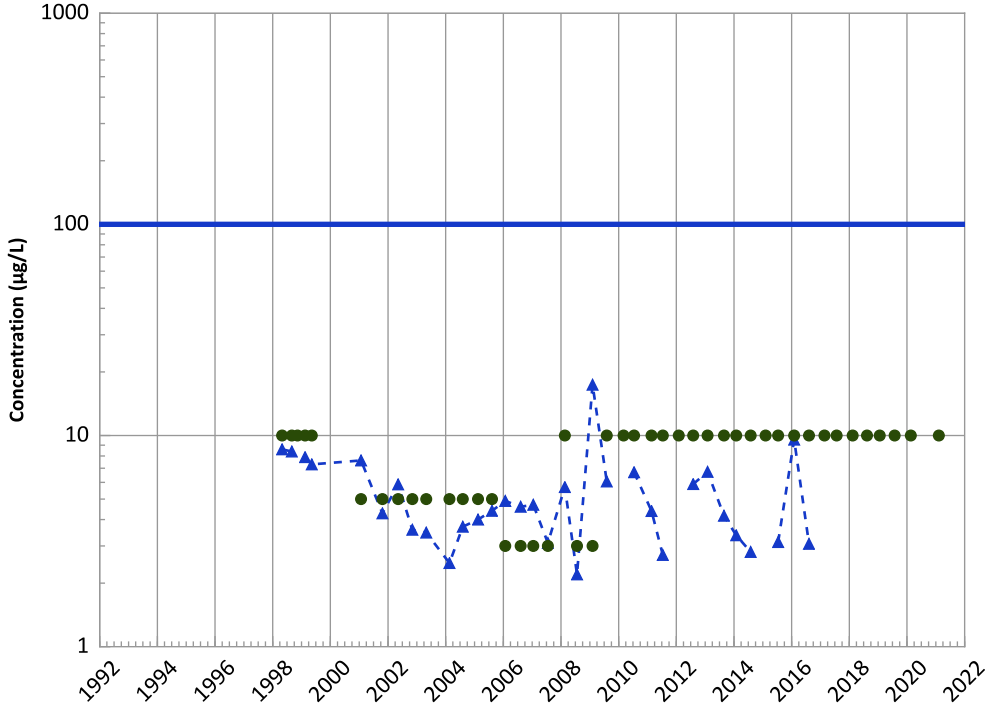


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

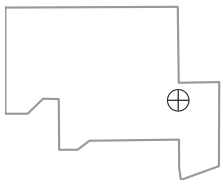
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

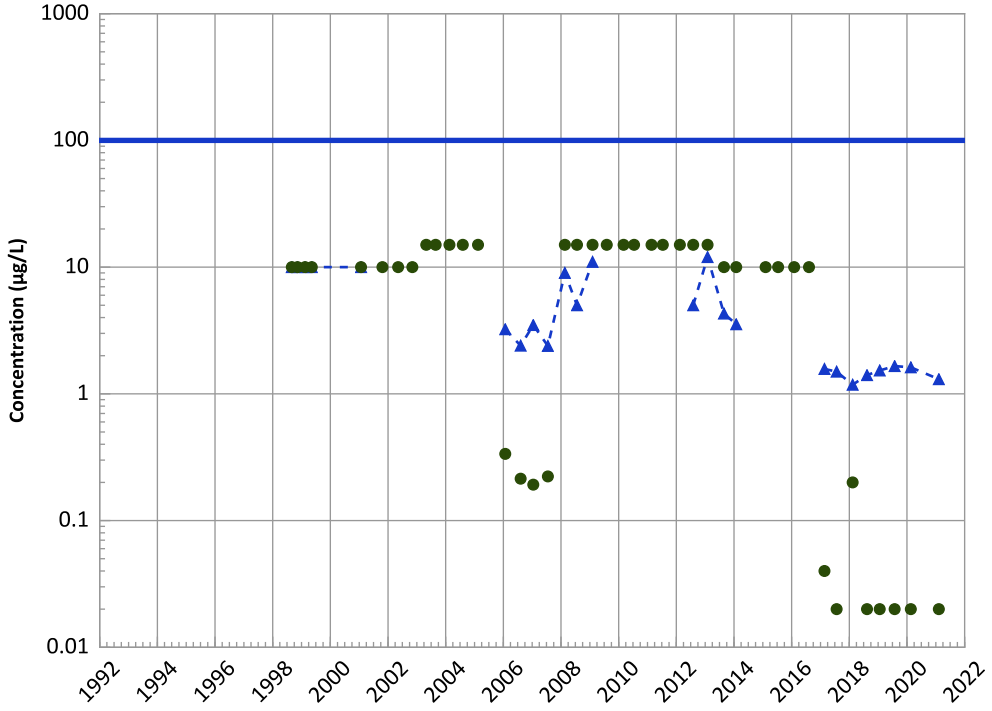
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

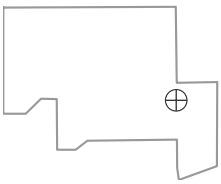
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

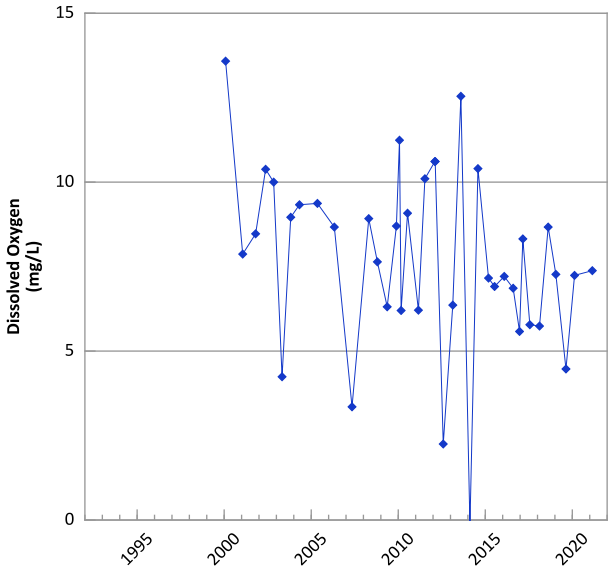
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/30/1998 to 02/08/2021
Analysis Date: 04/05/2022

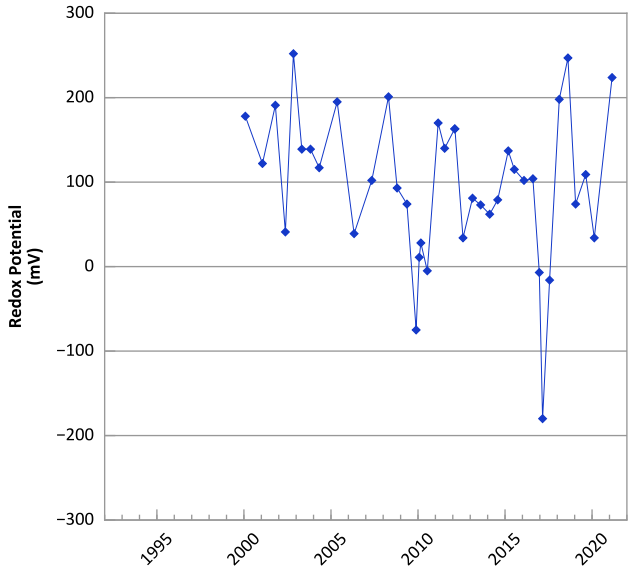
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

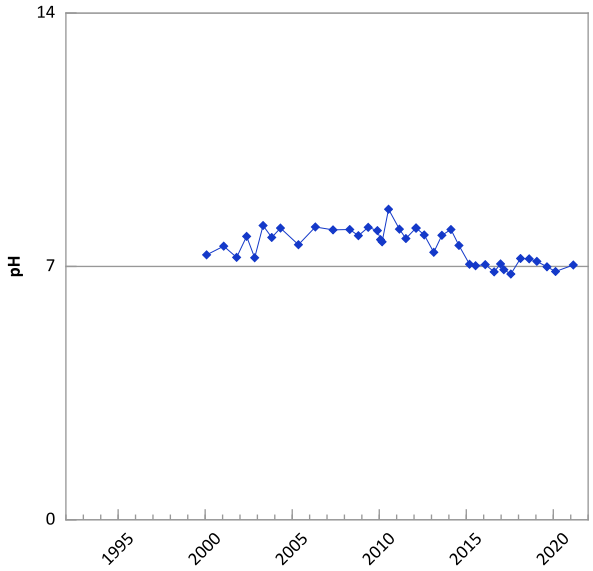
Well Location

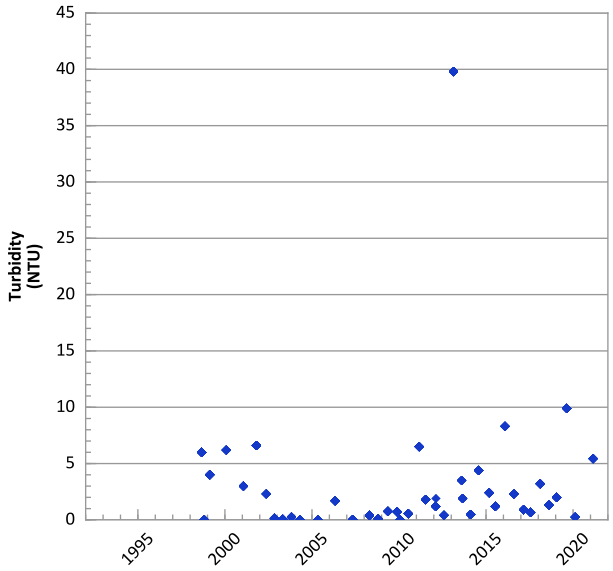


PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



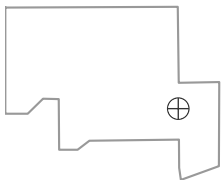






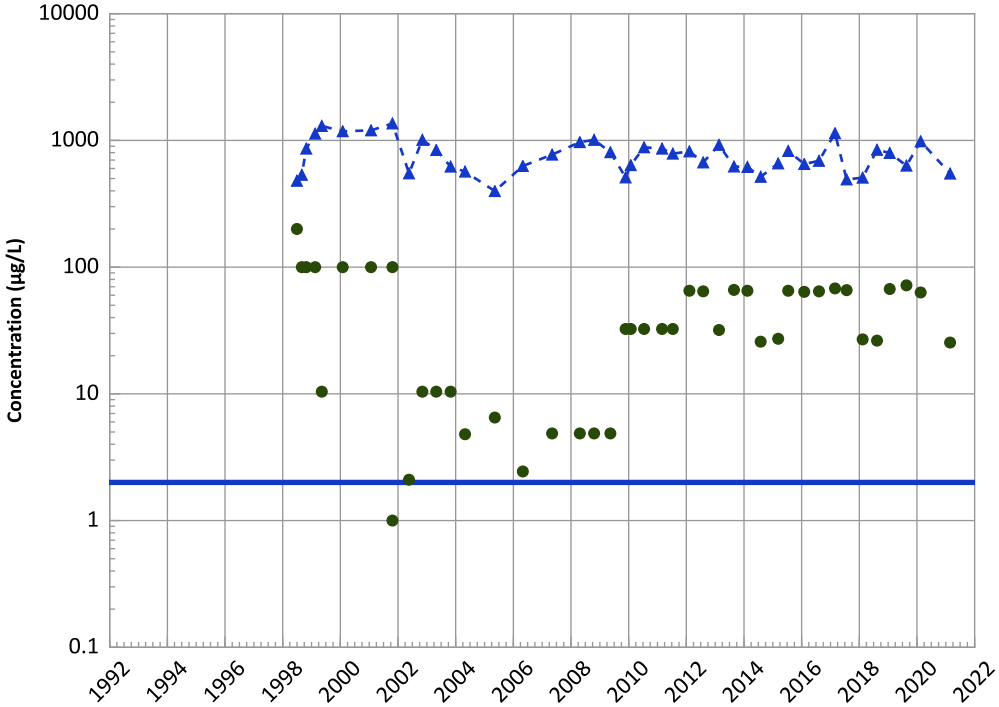
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

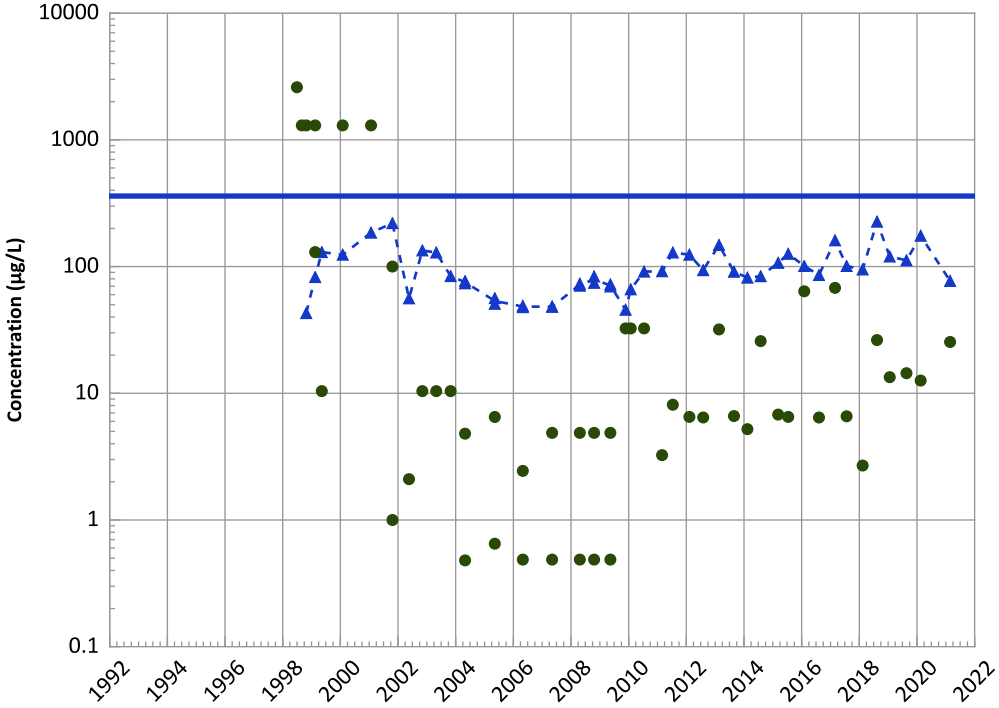


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

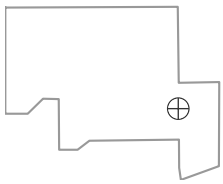
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

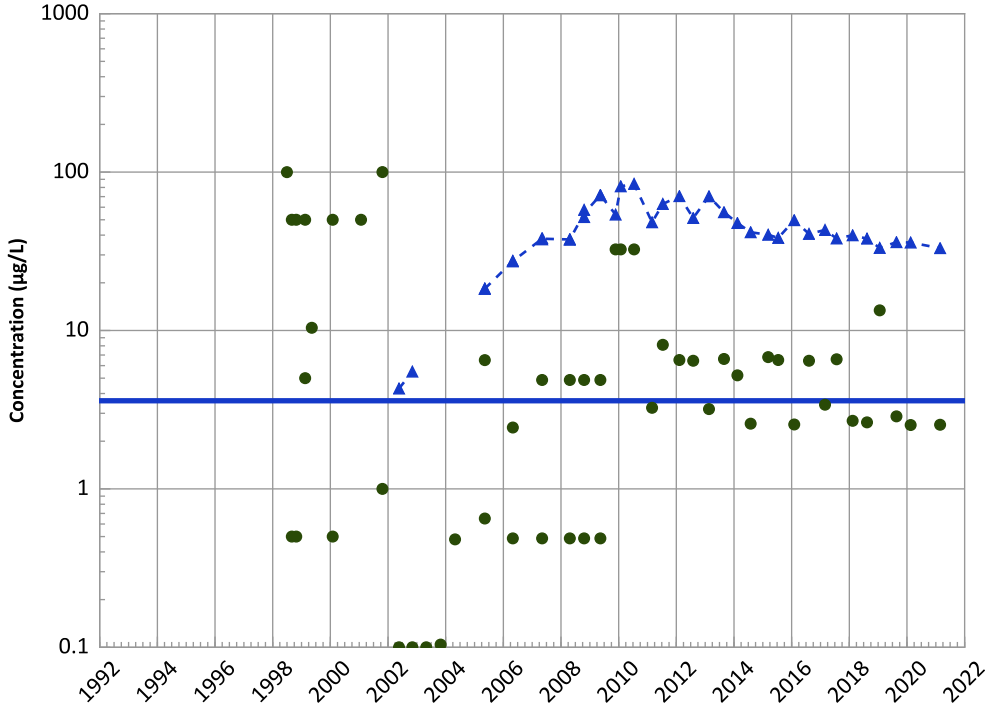
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

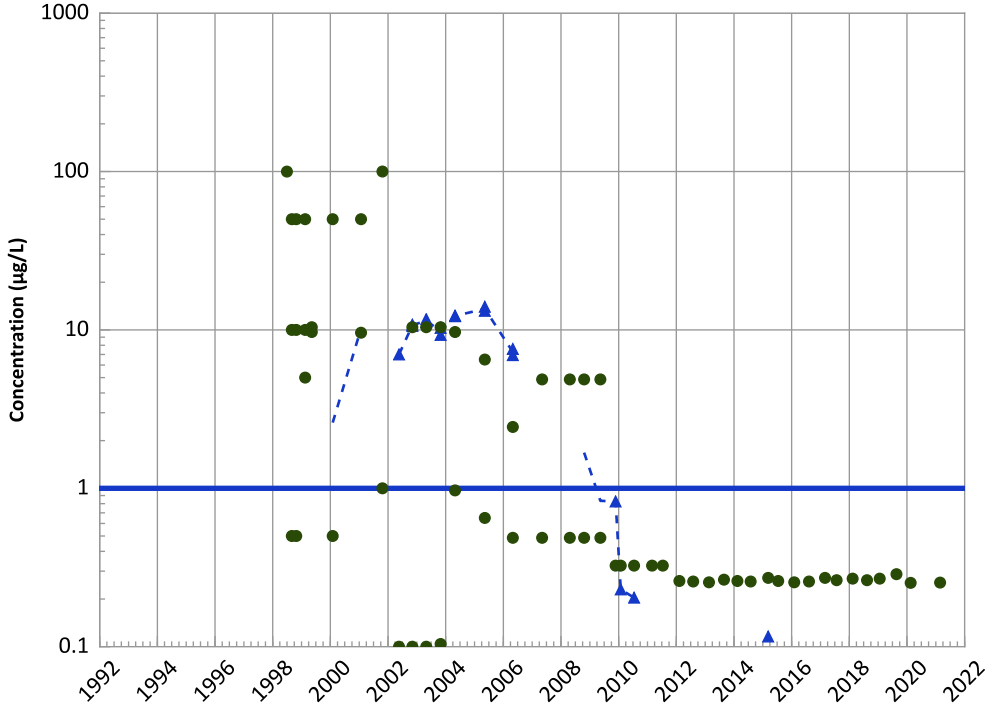


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

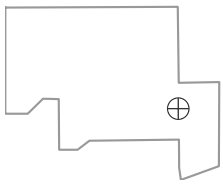
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

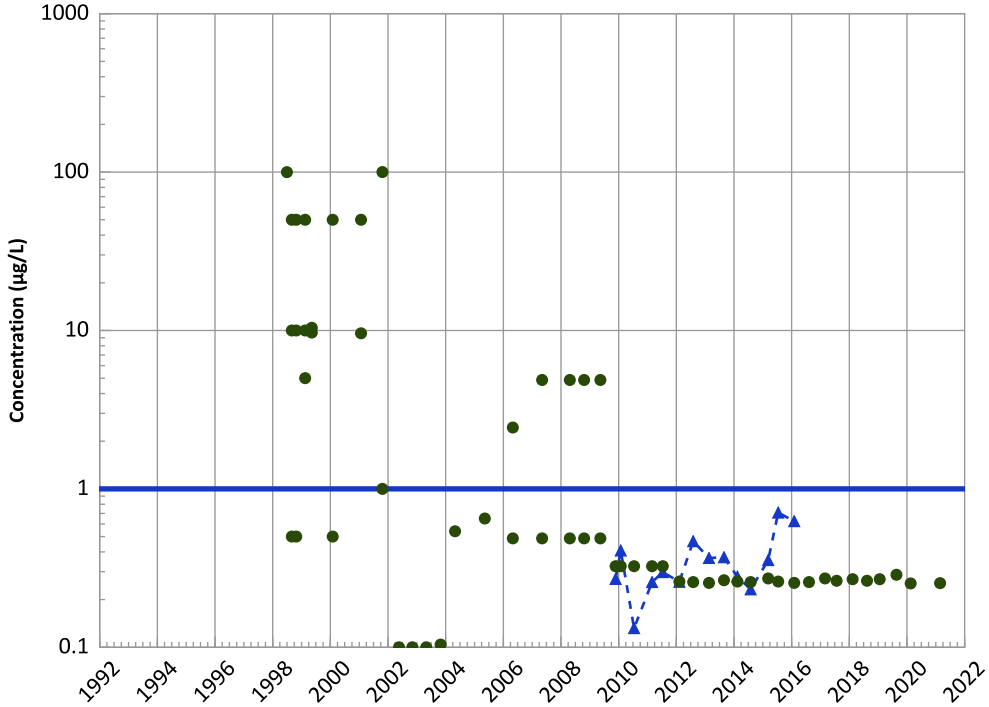
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

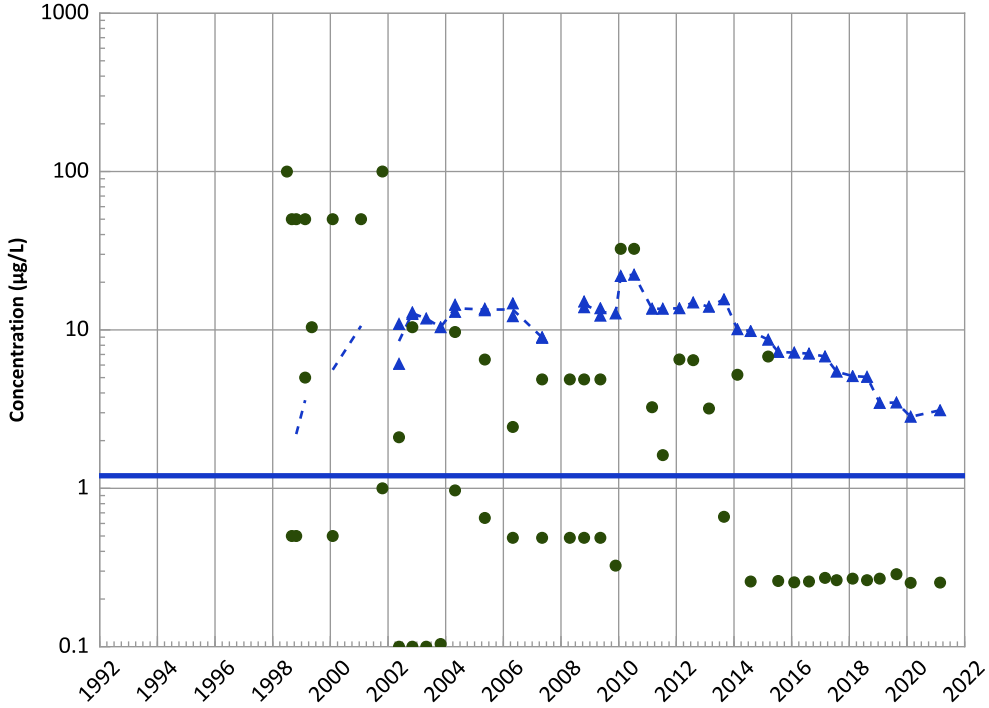


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

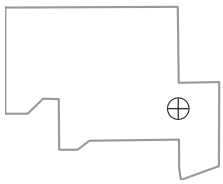
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

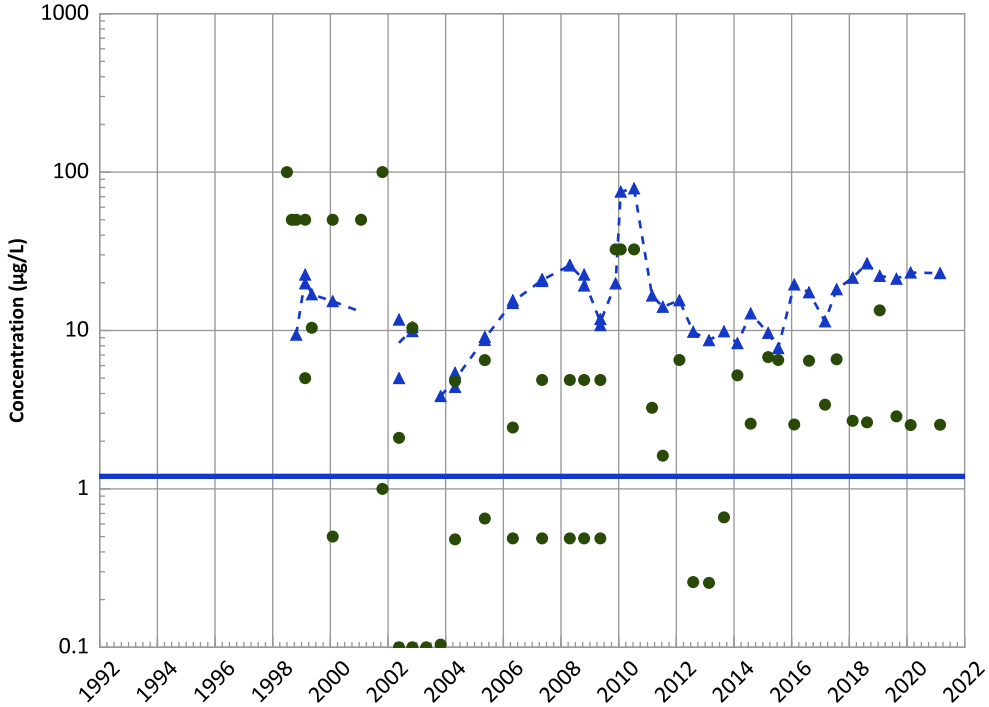
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

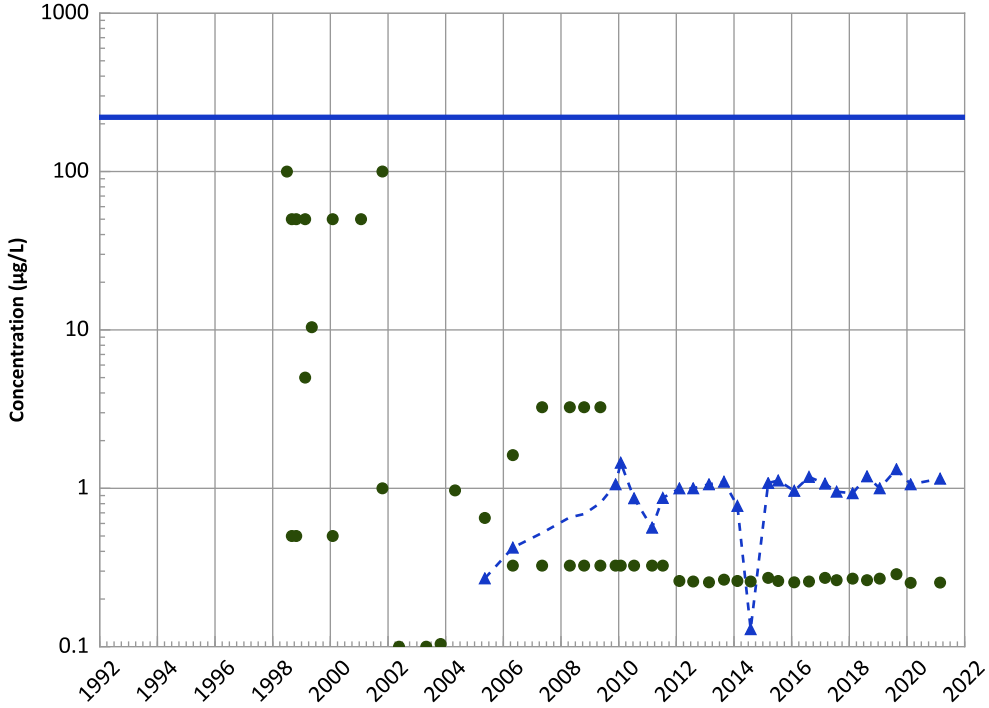


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

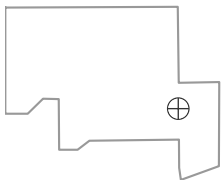
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

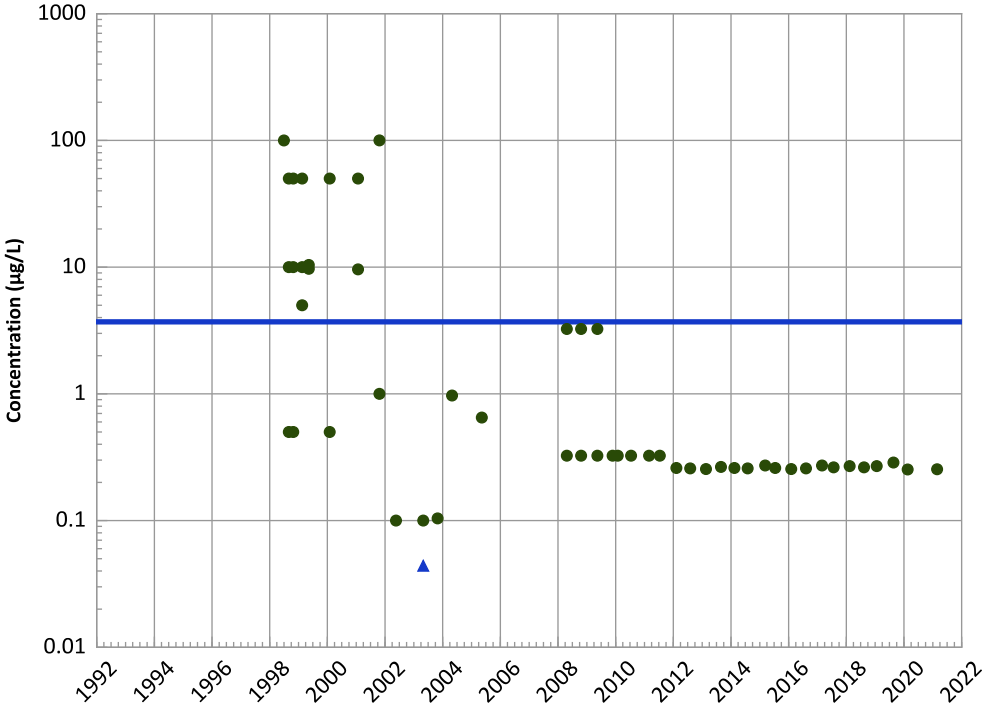
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

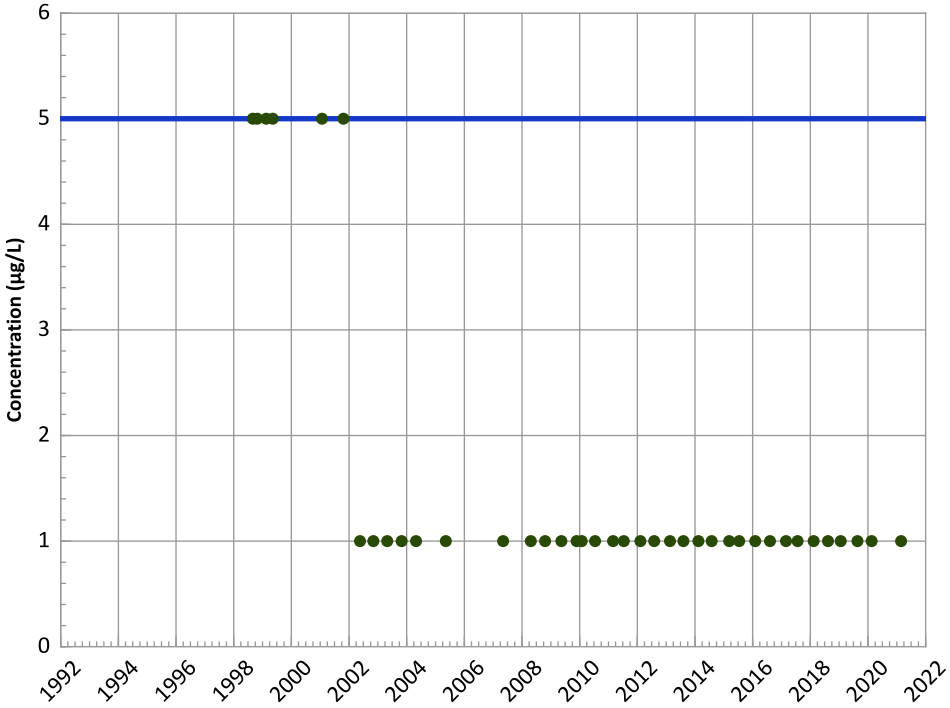


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

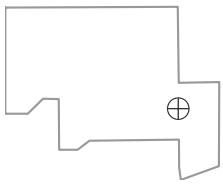
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

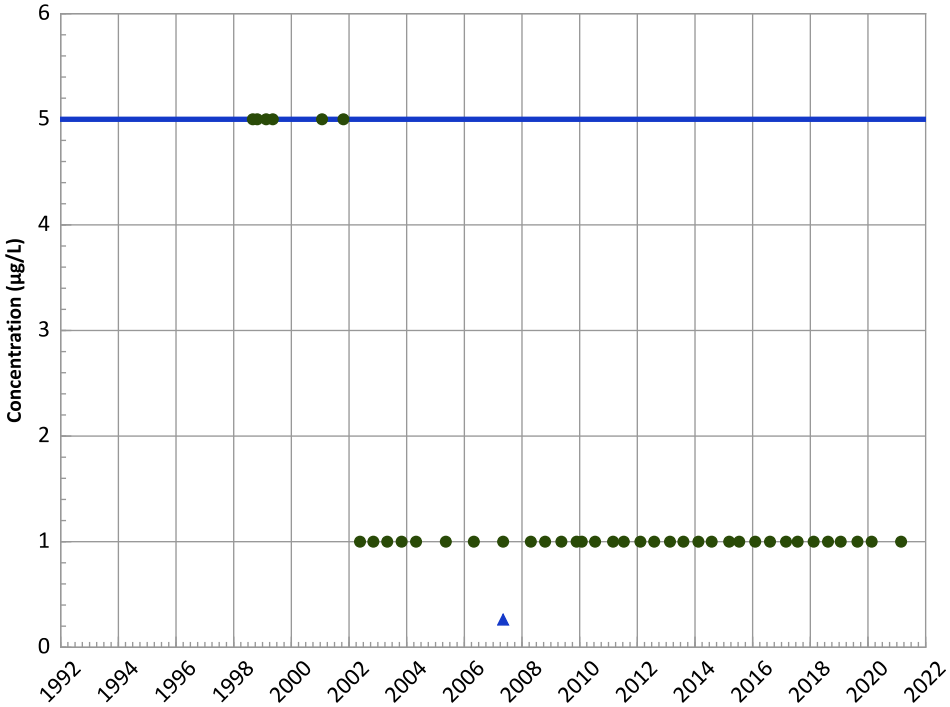
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

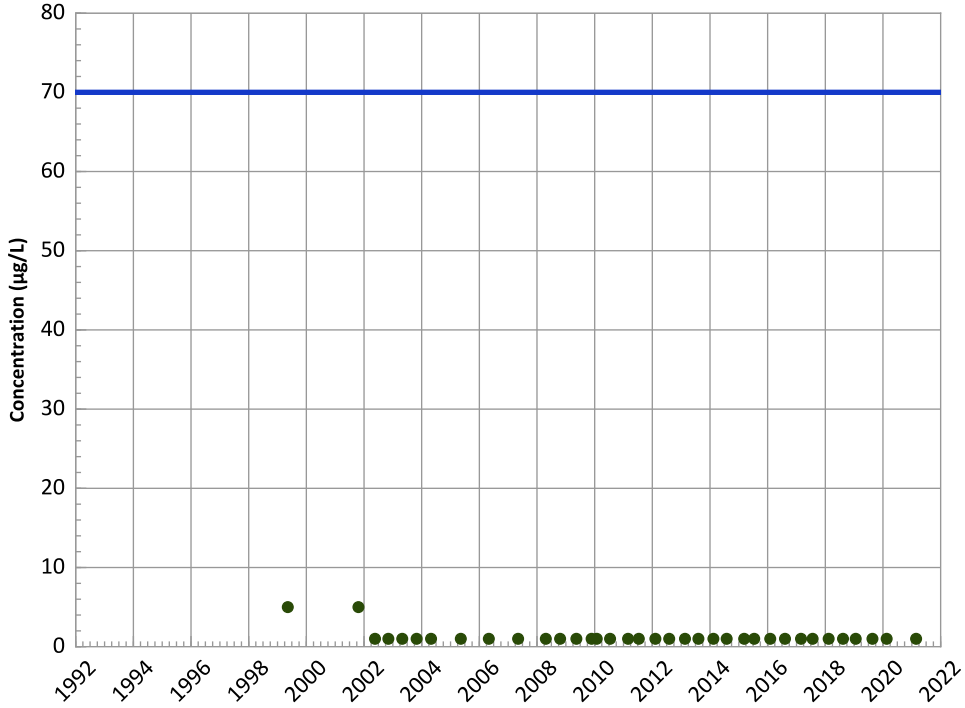


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

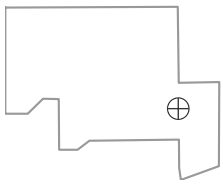
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

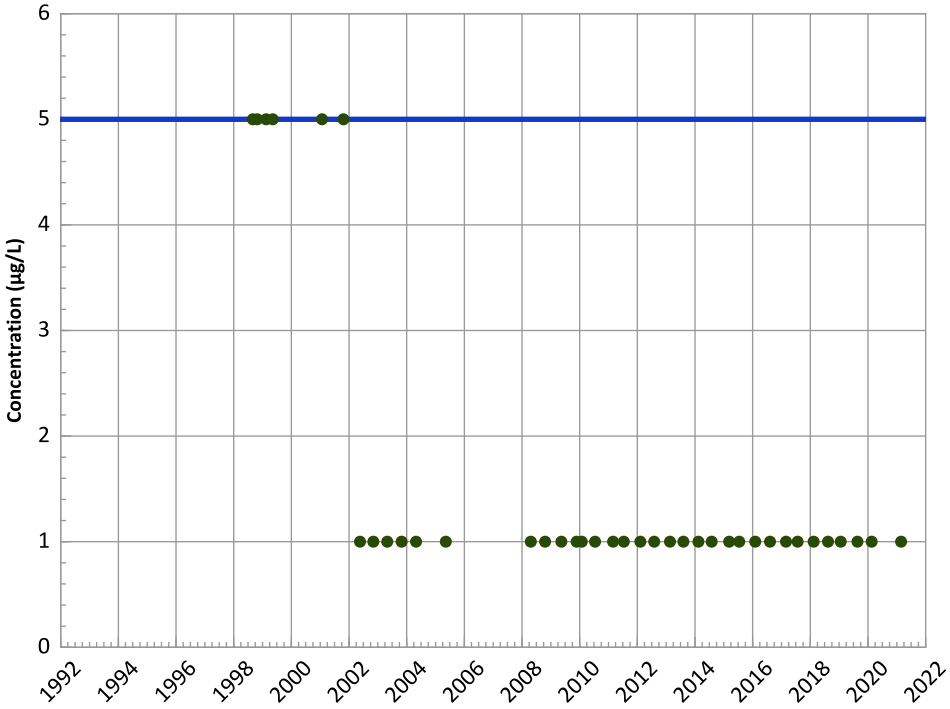
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

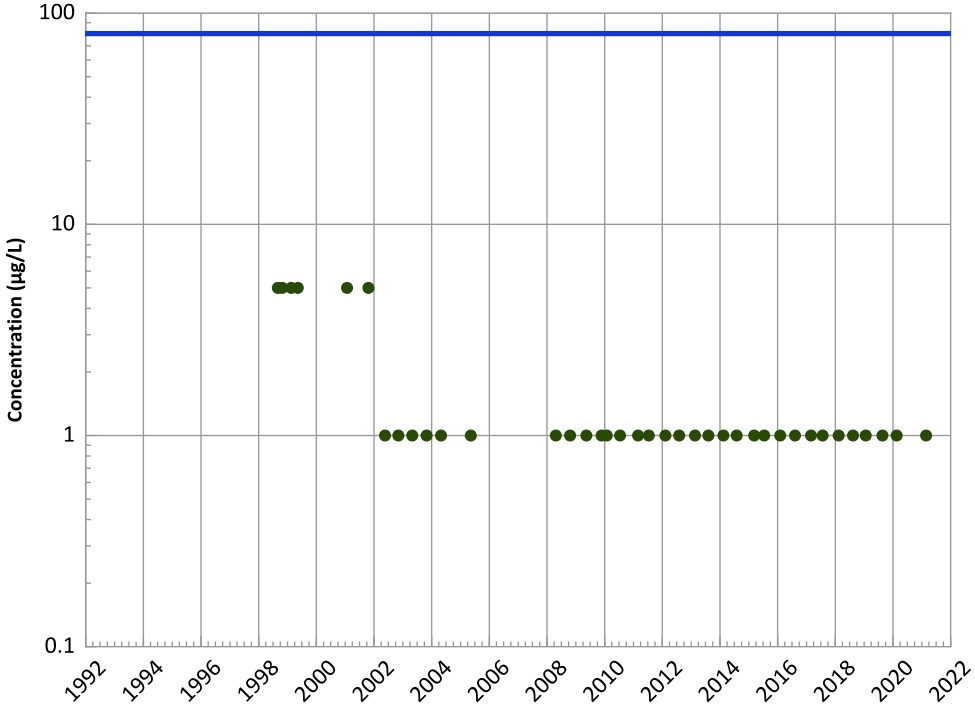


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

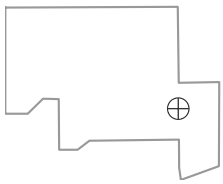
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

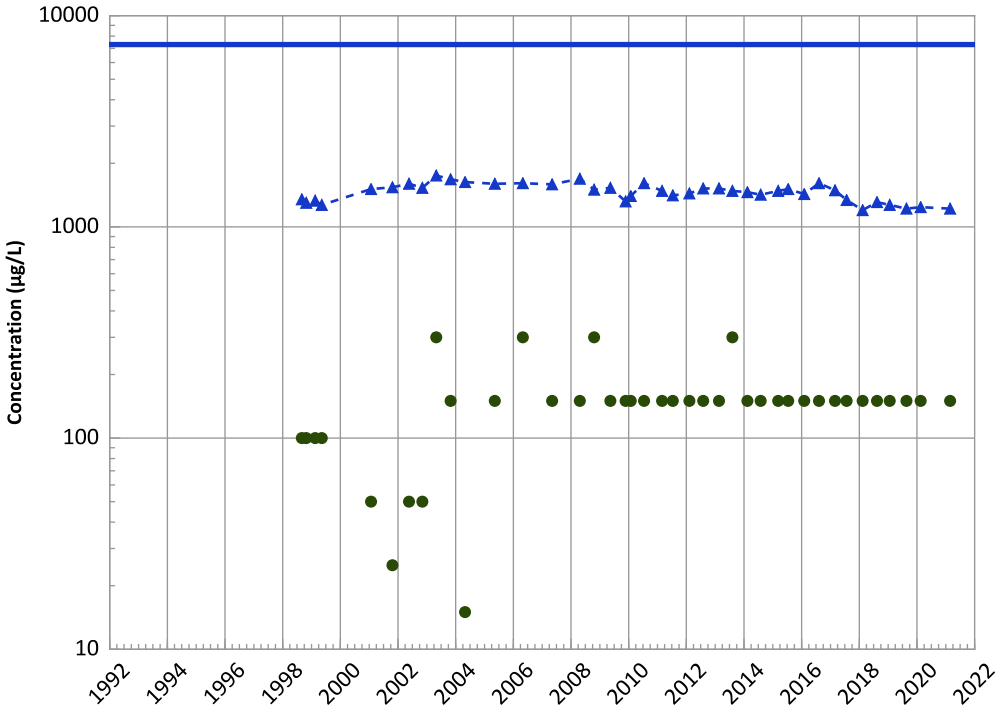
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

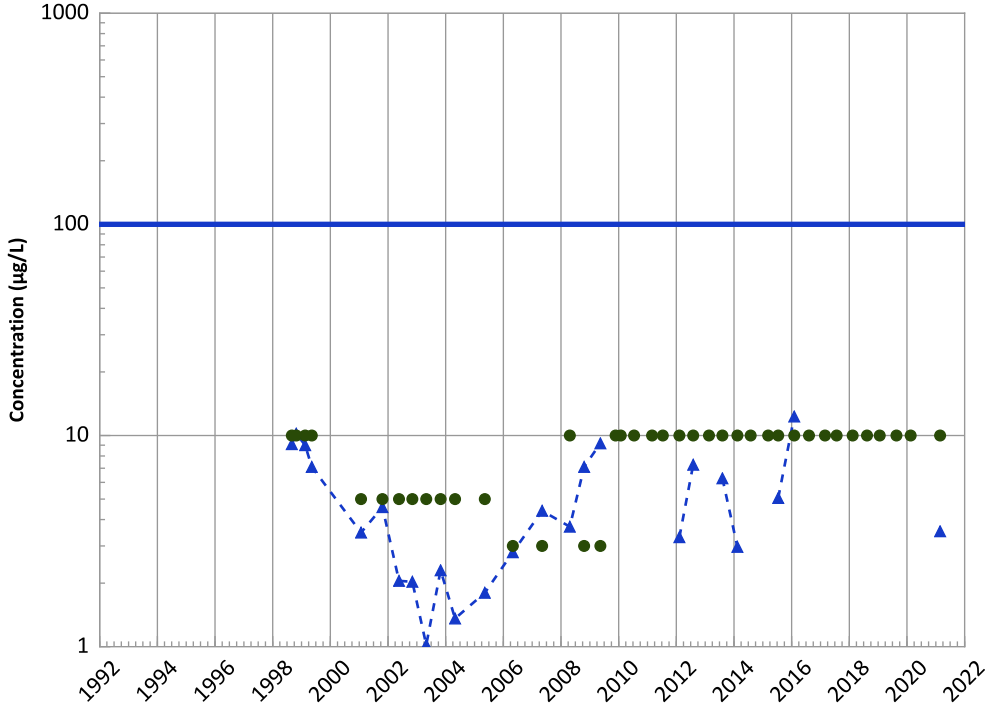


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

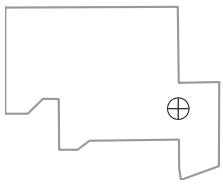
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

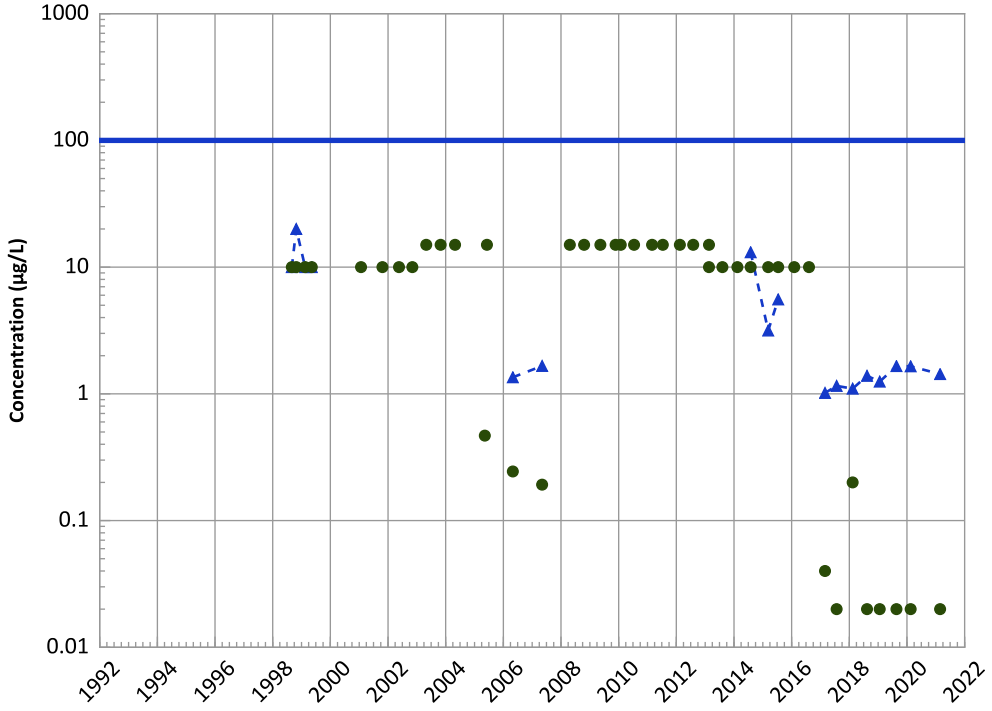
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1039A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

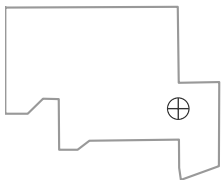
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

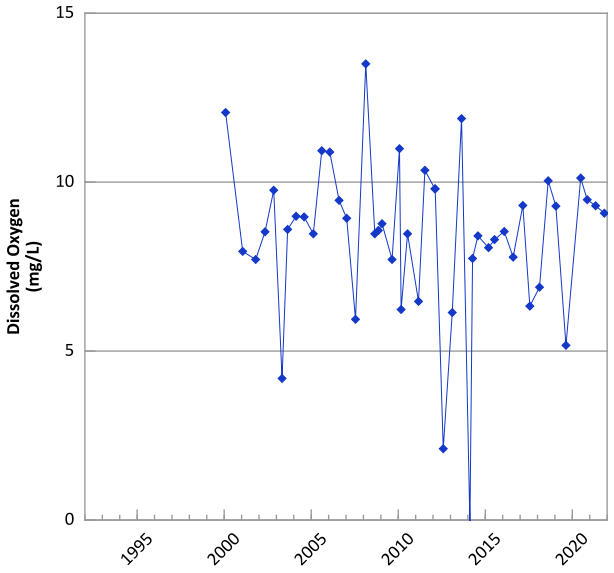
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 02/24/2021
Analysis Date: 04/05/2022

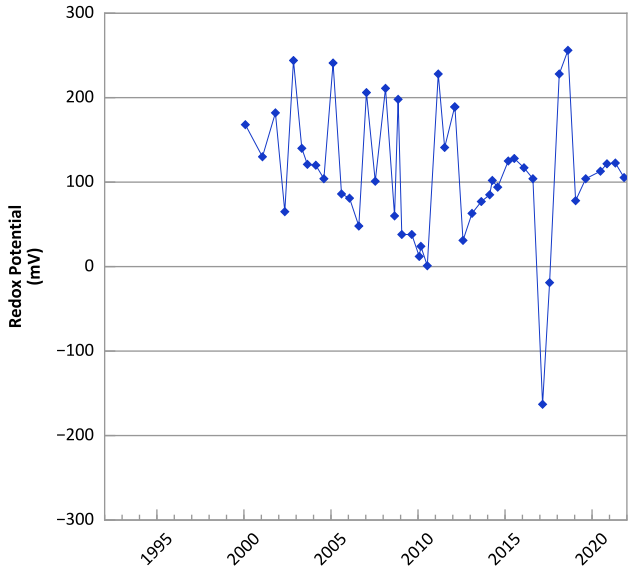
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

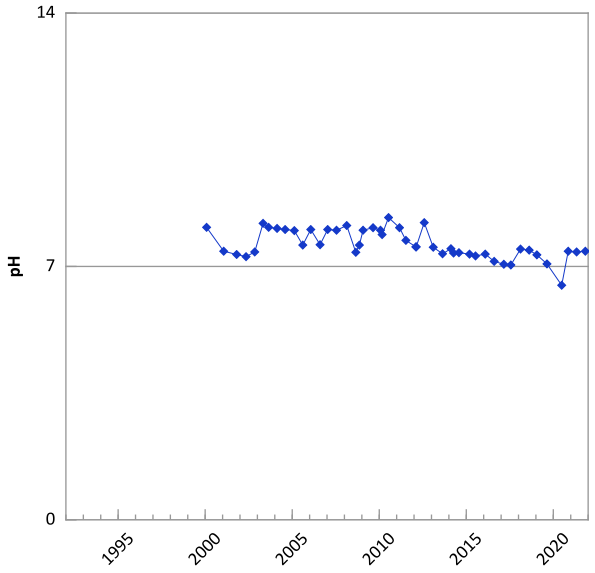
Well Location

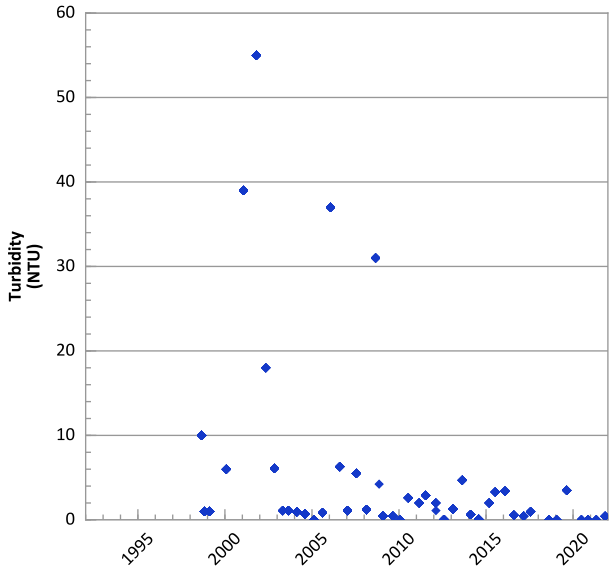


PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



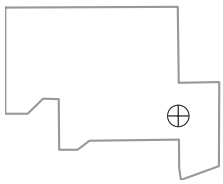






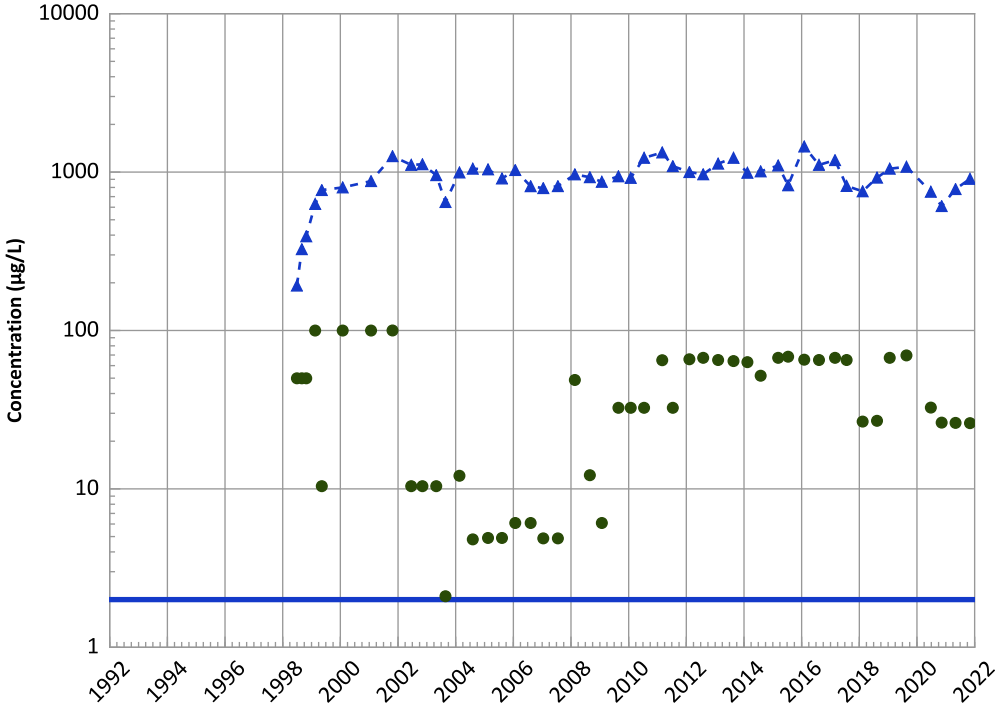
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

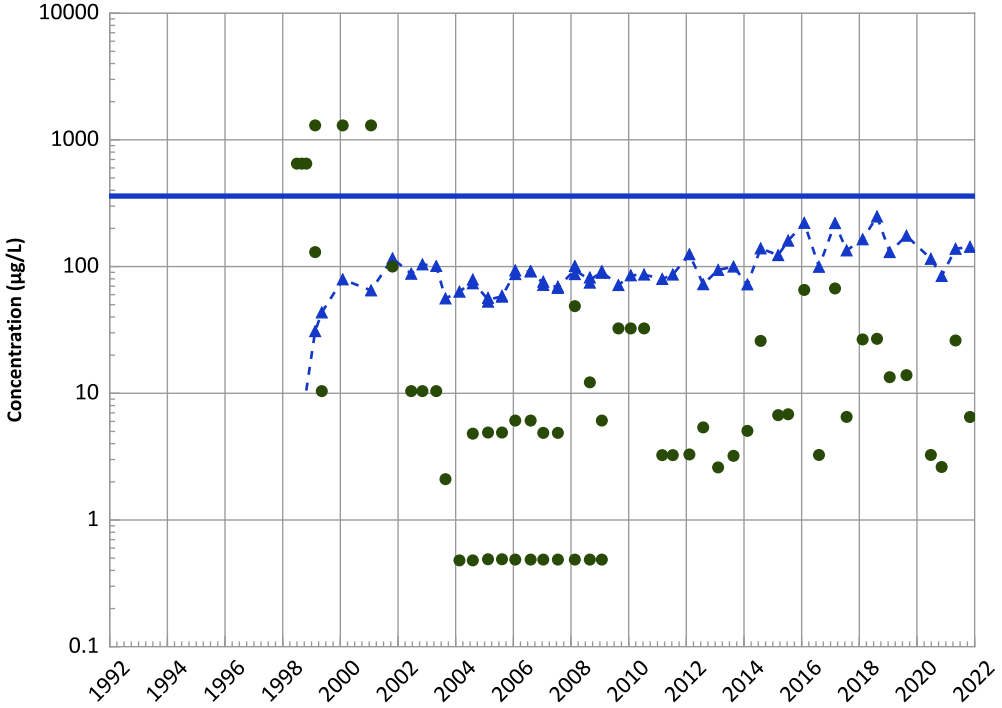


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

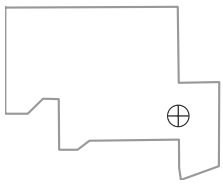
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

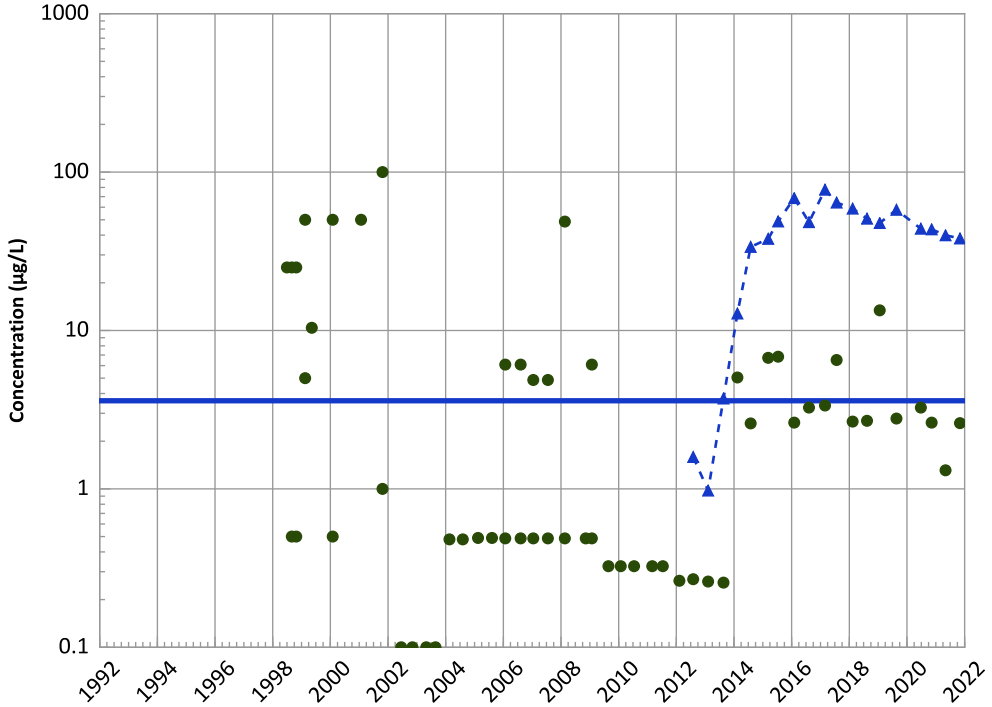
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

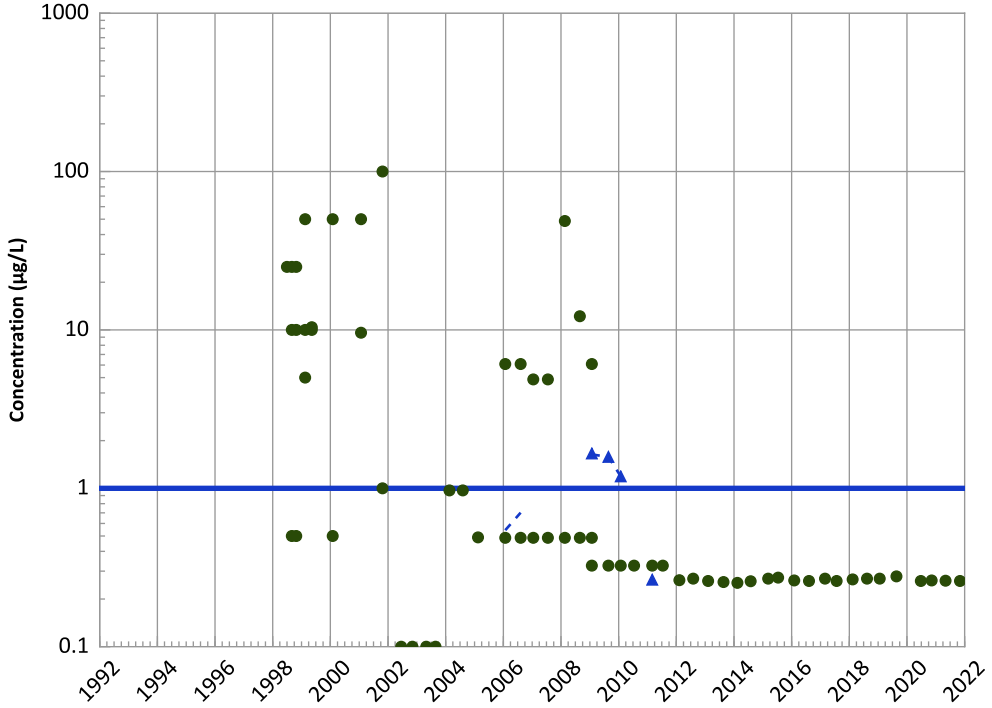


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

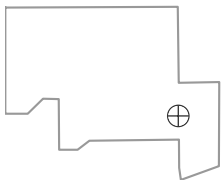
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

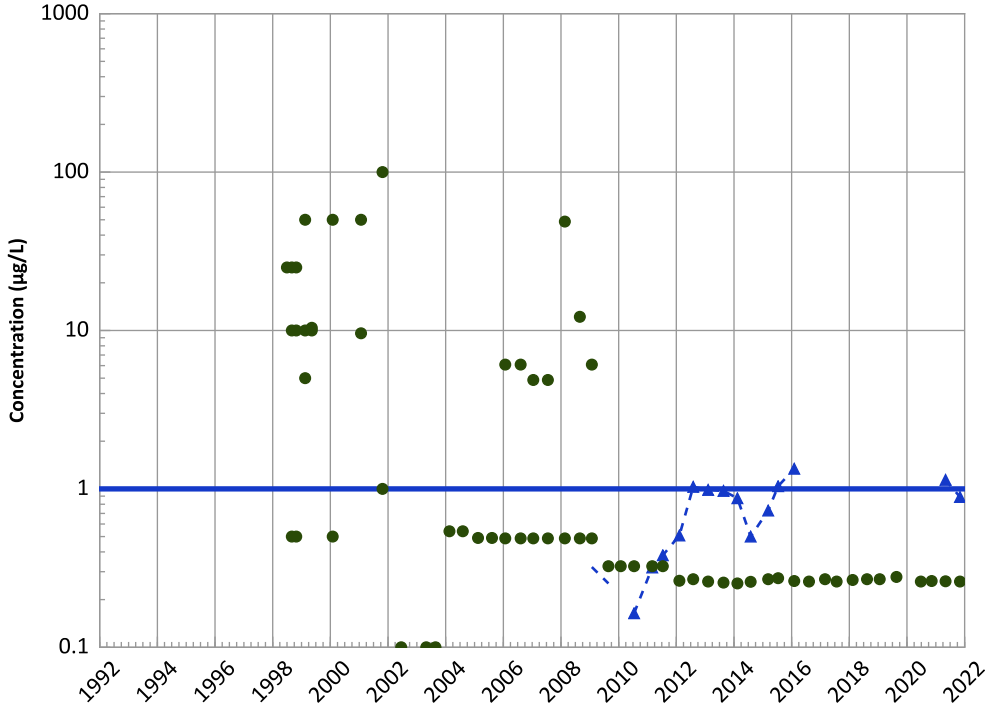
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

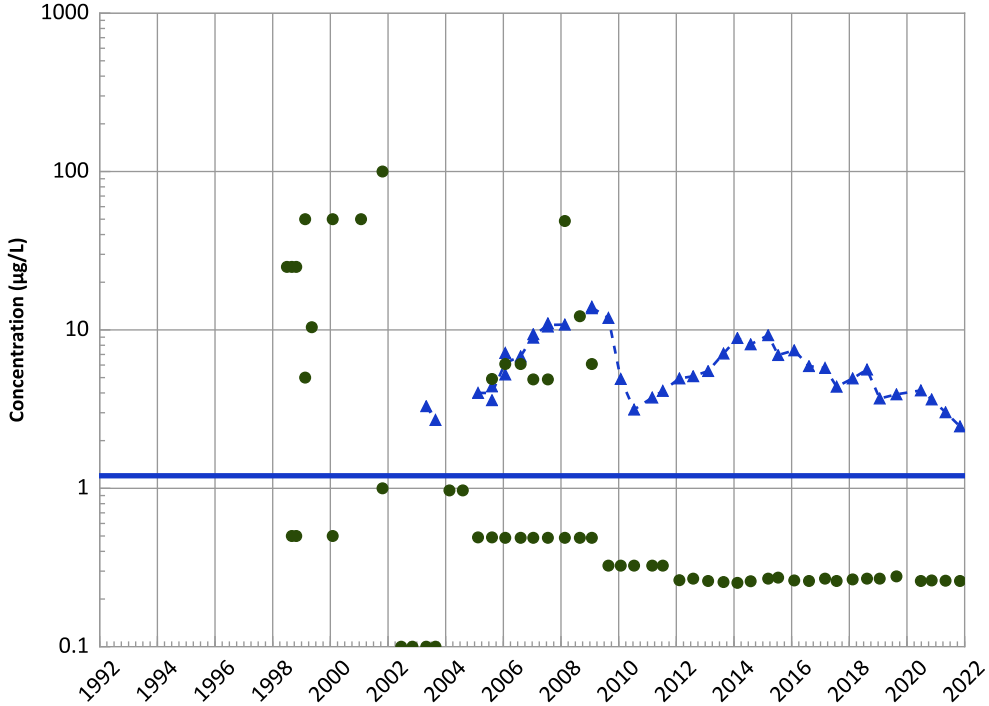


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

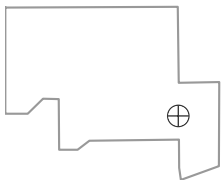
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

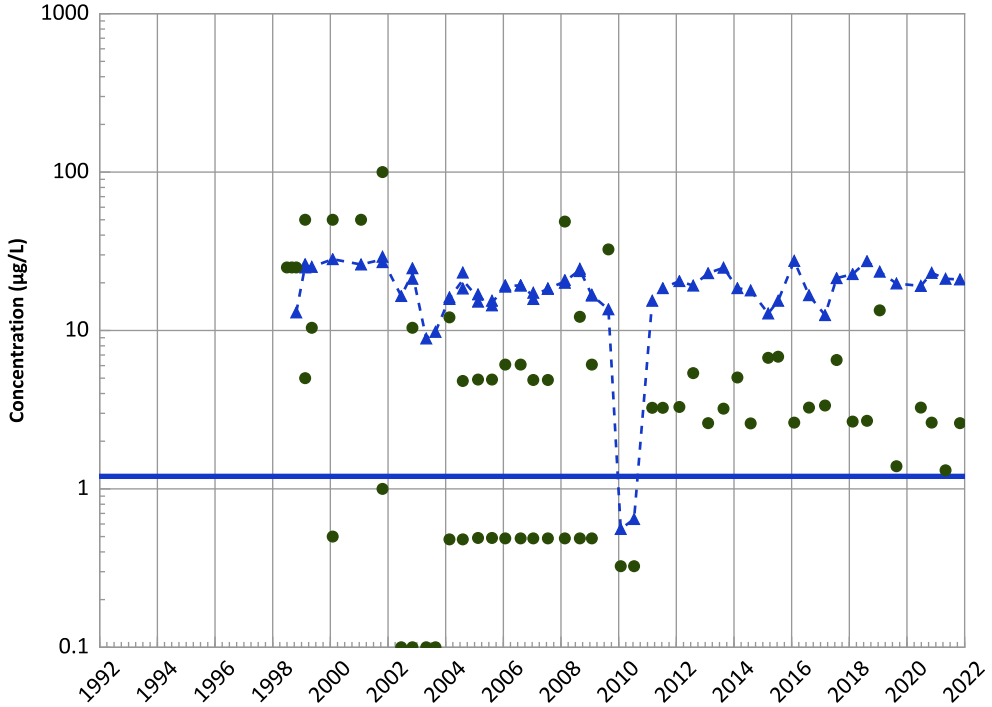
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

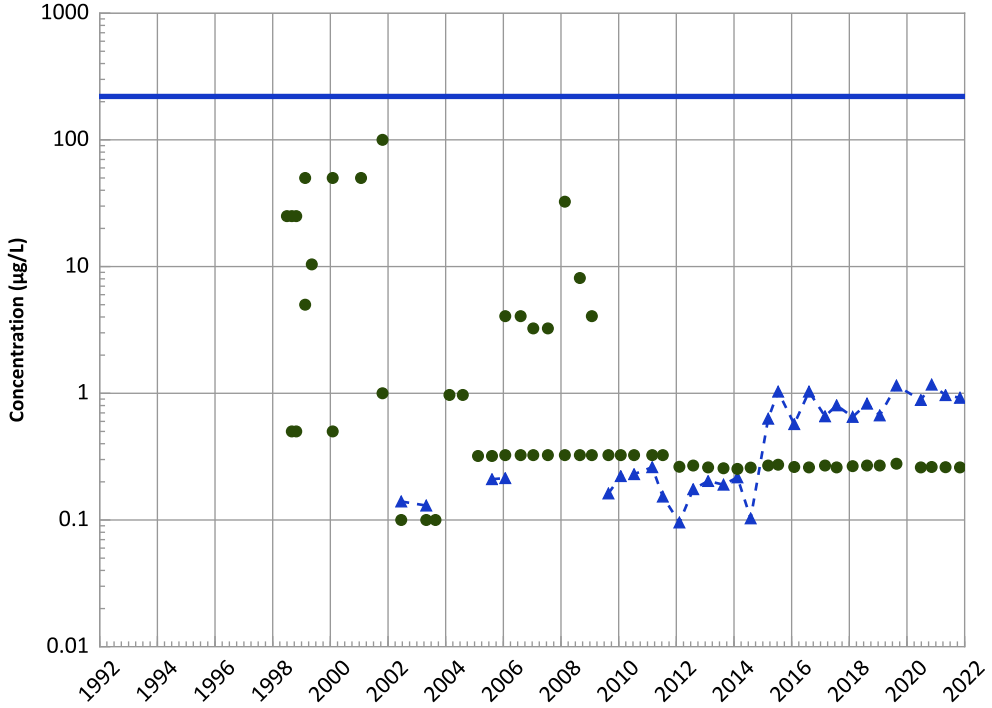


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

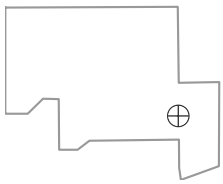
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

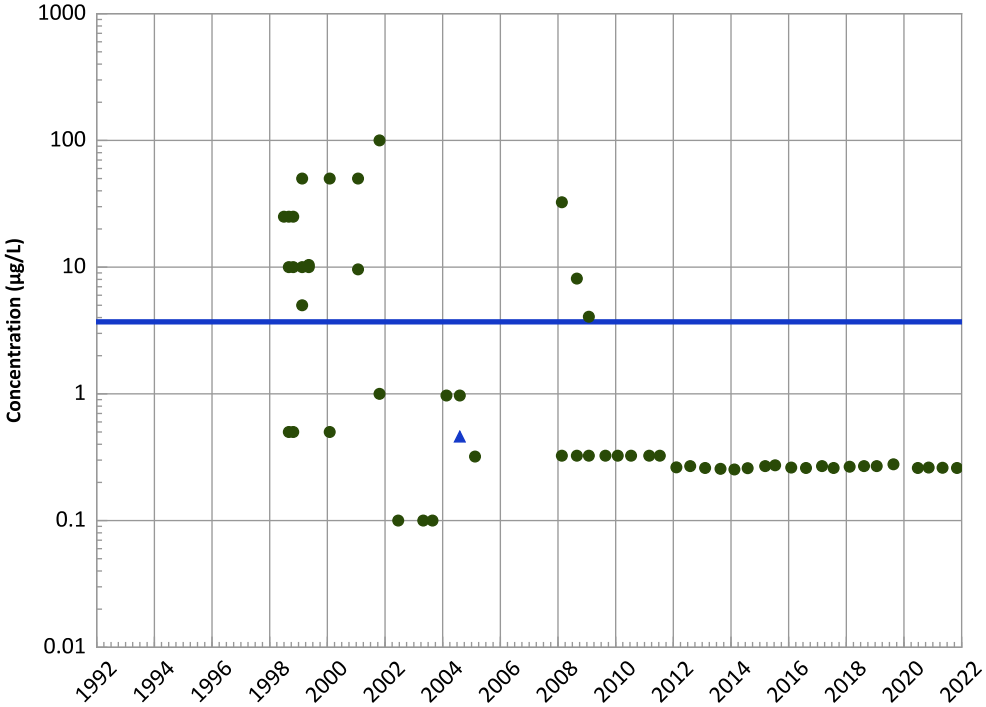
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

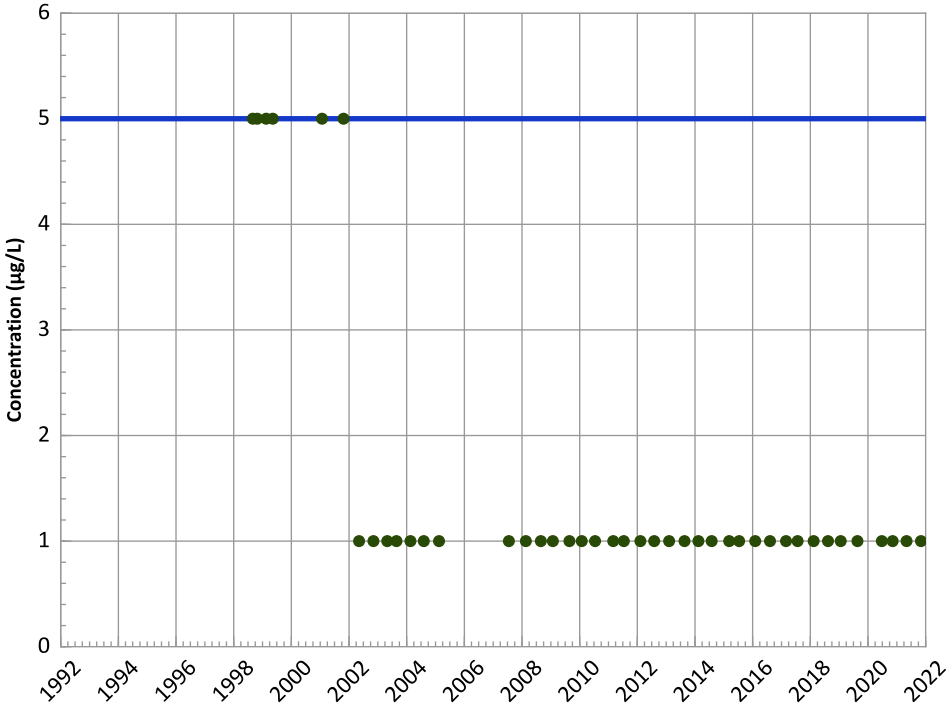


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

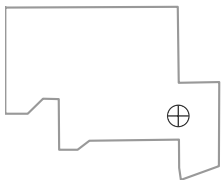
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

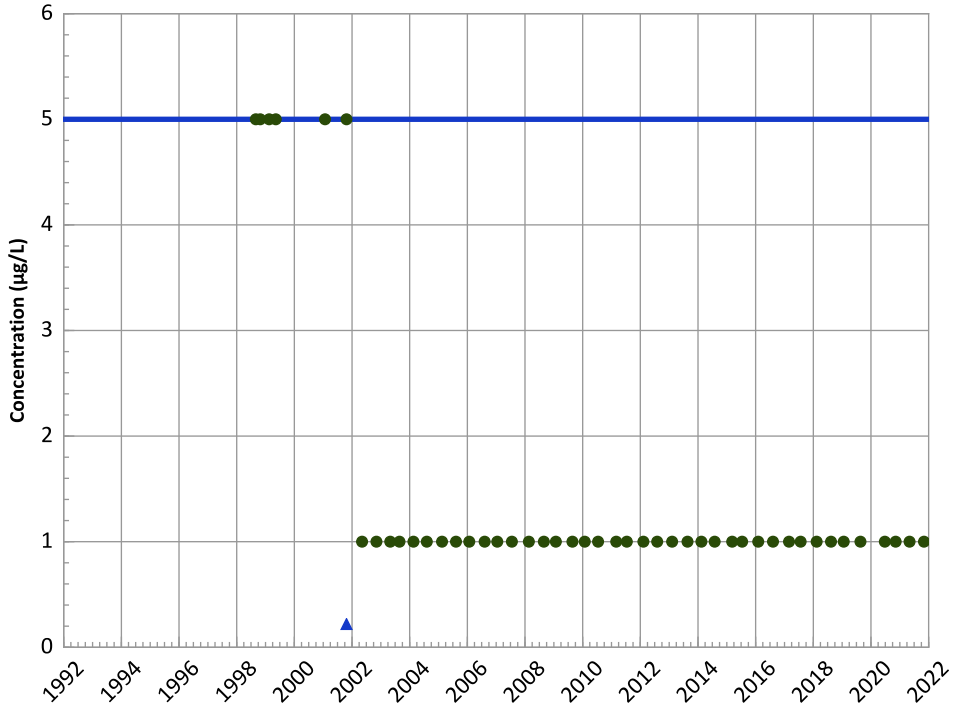
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

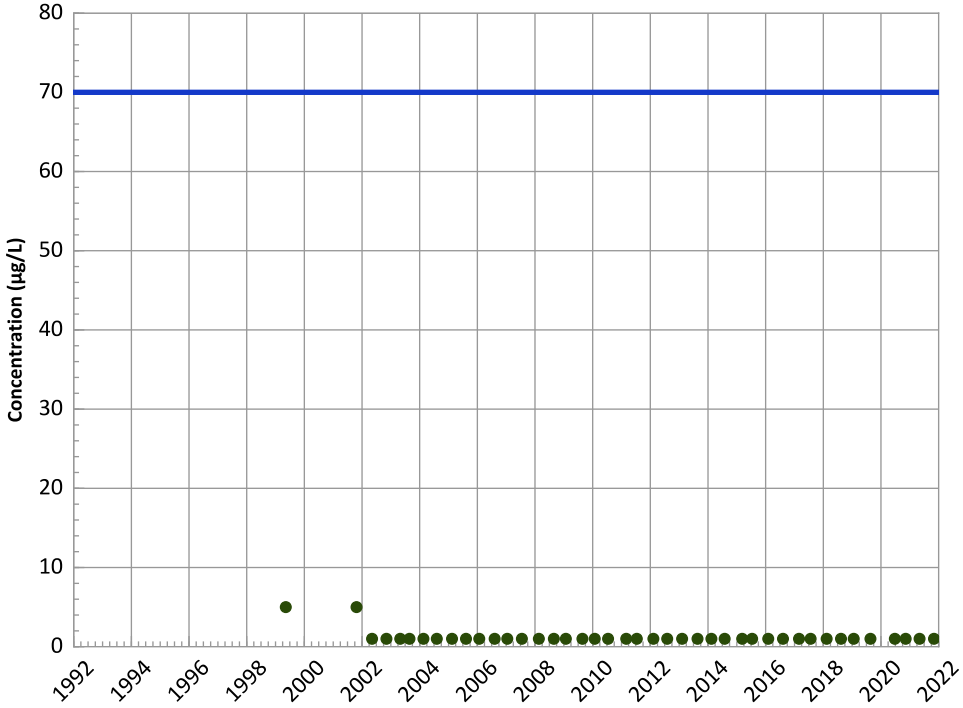


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

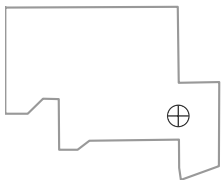
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

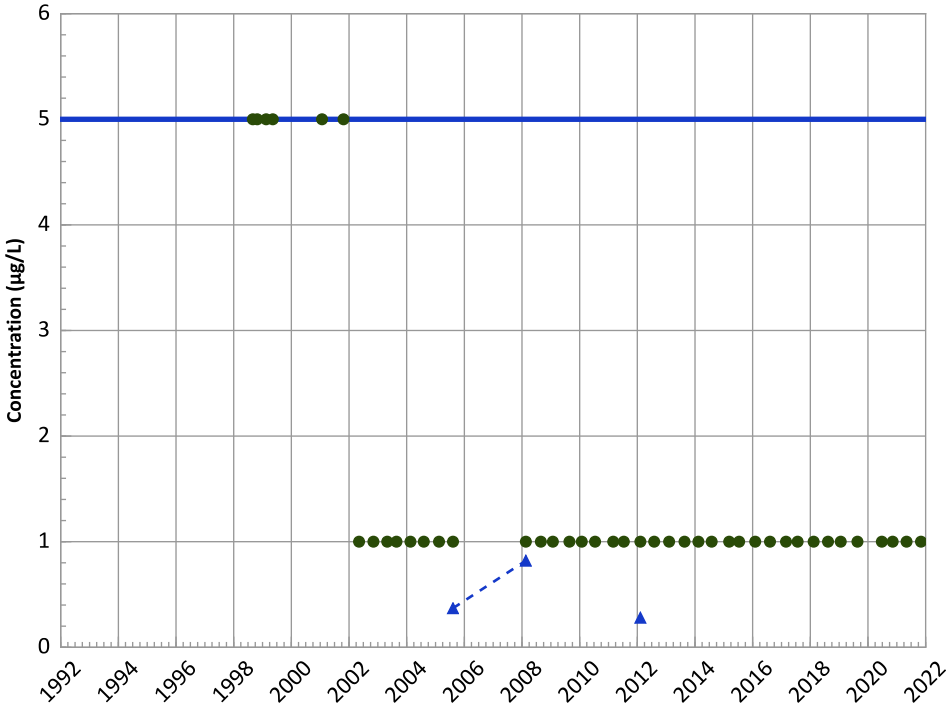
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

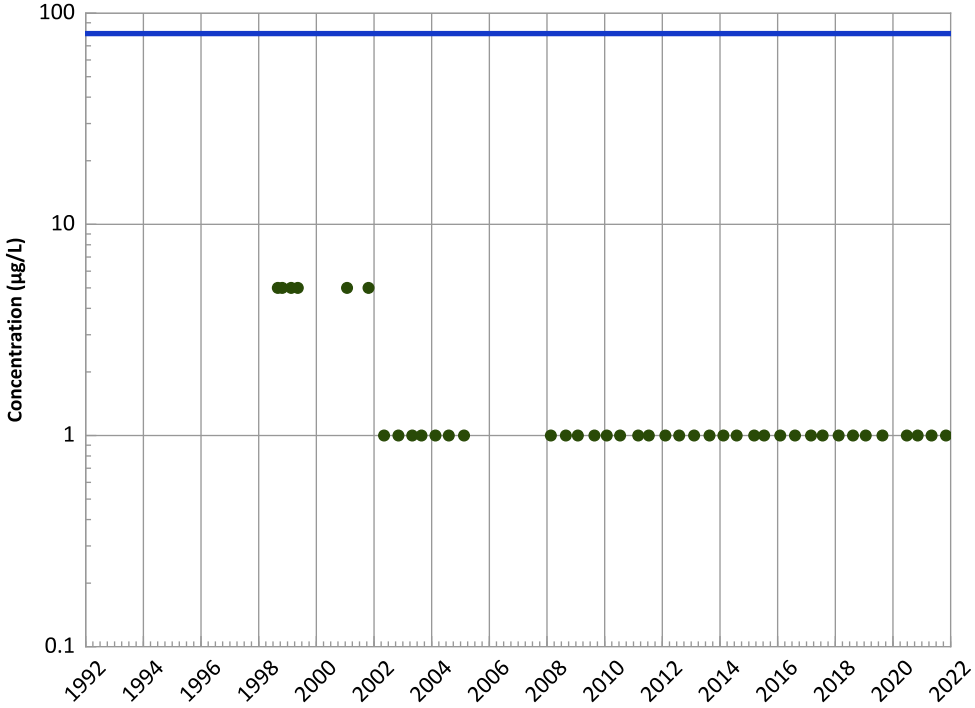


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chloroform Trend



Concentration Trend

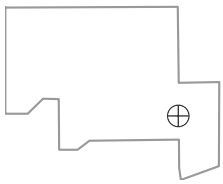
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

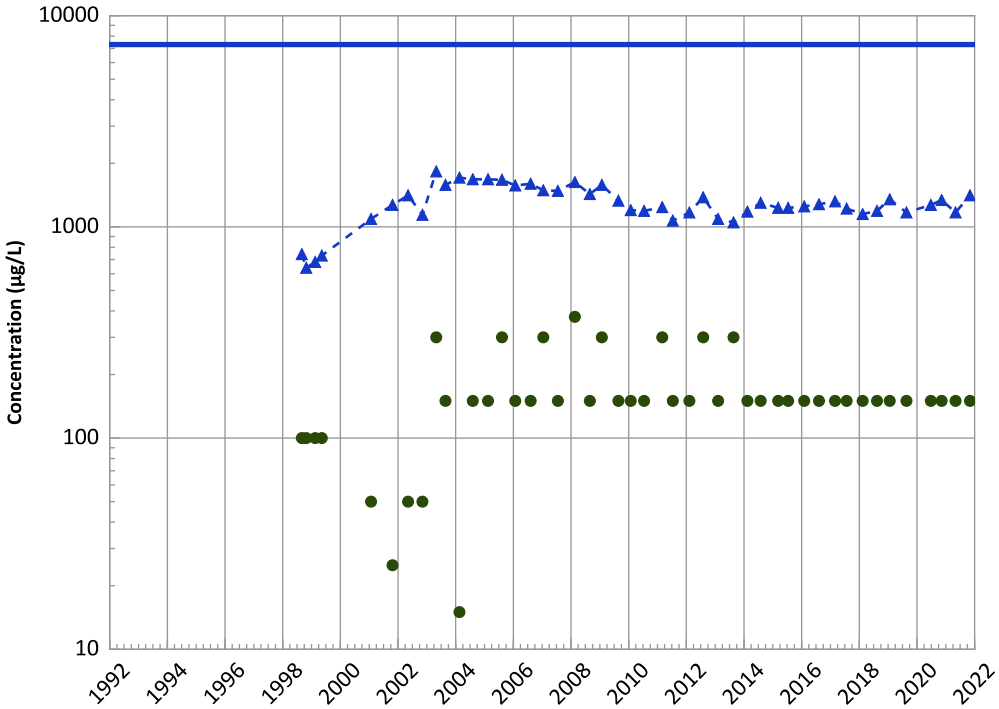
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

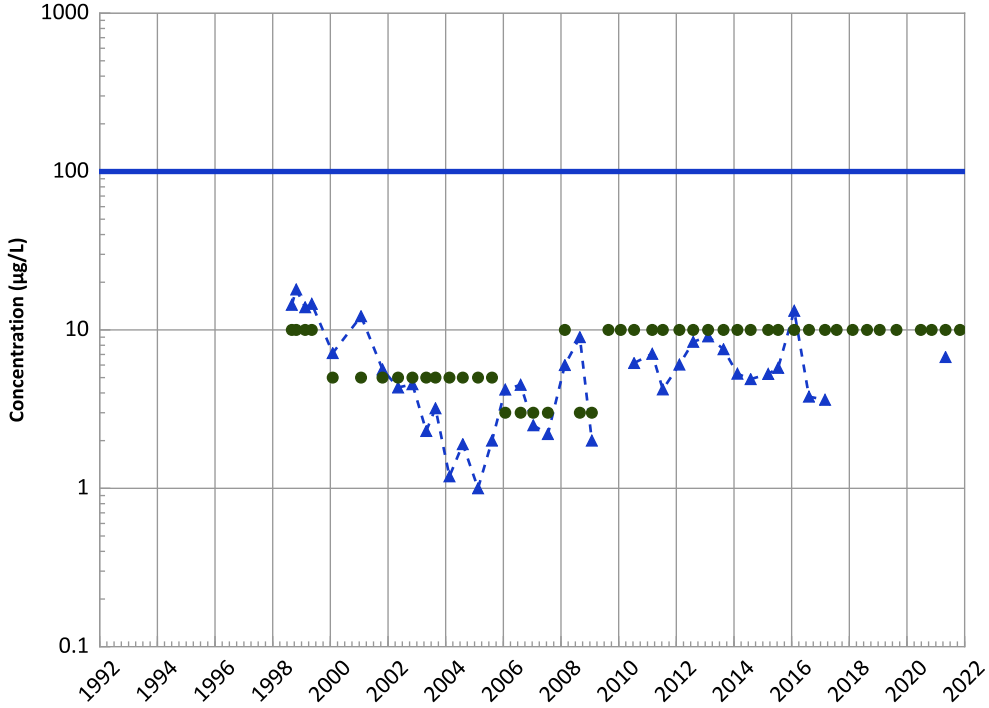


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

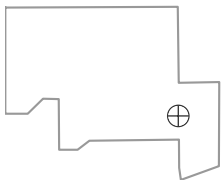
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

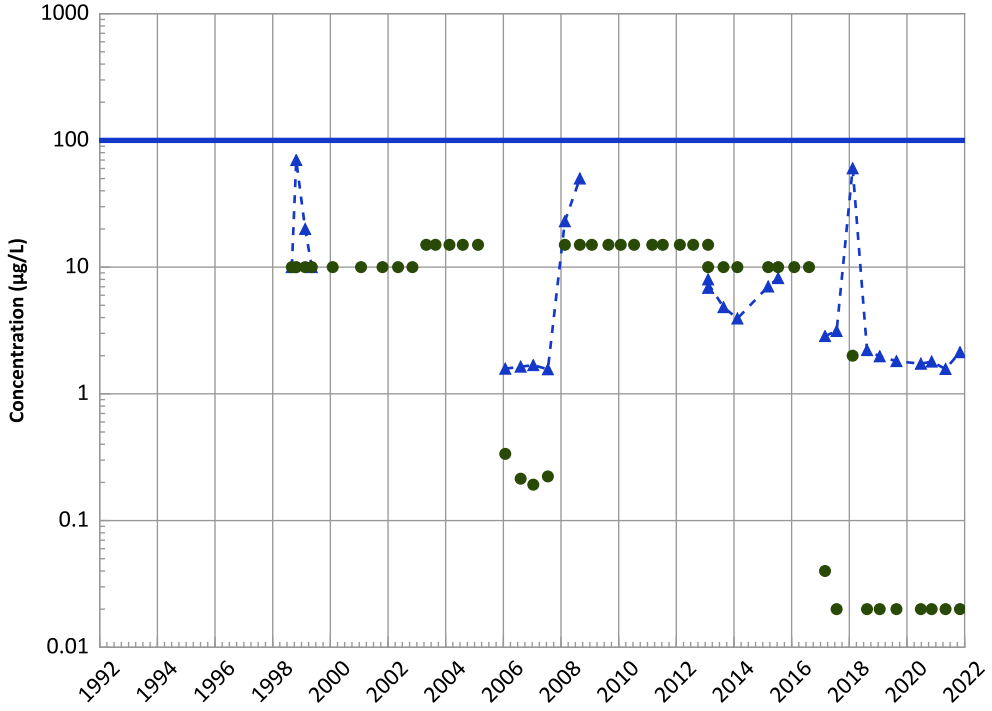
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1040 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

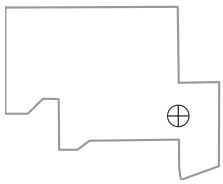
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

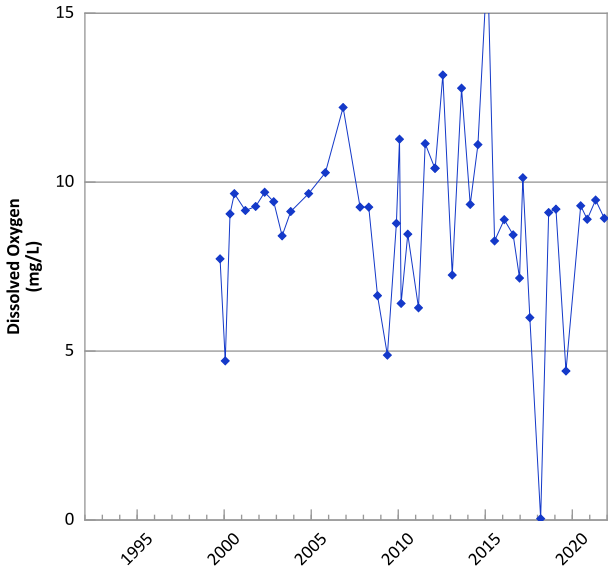
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/30/1998 to 11/03/2021
Analysis Date: 04/05/2022

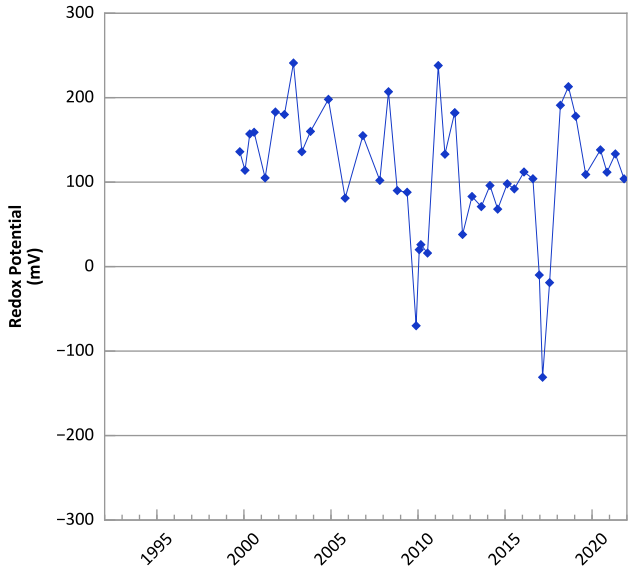
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

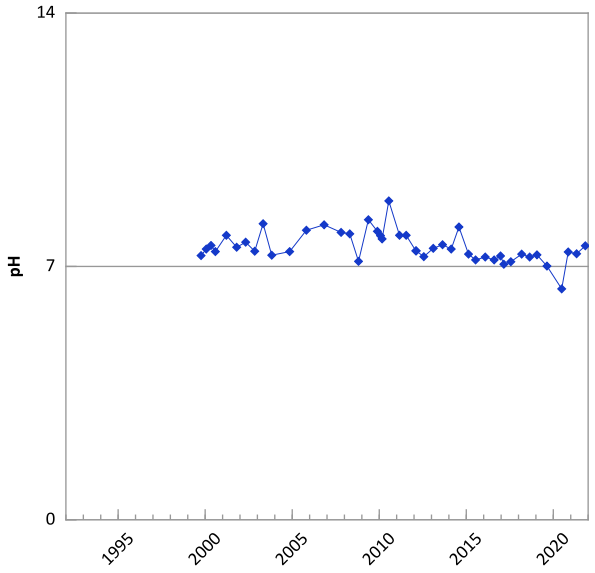
Well Location

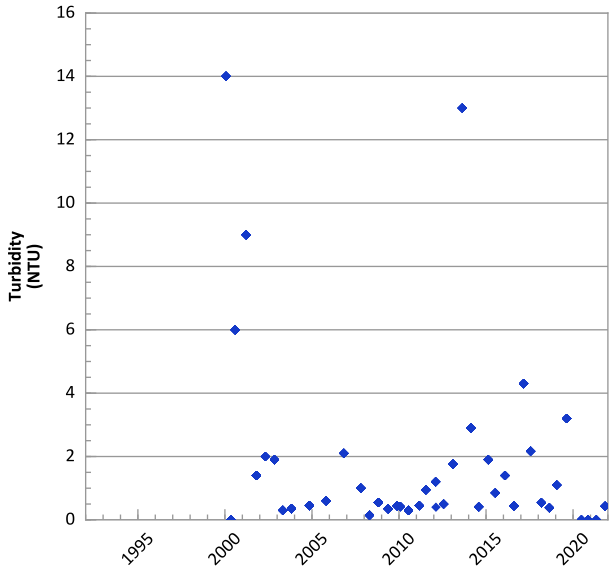


PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



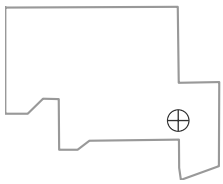






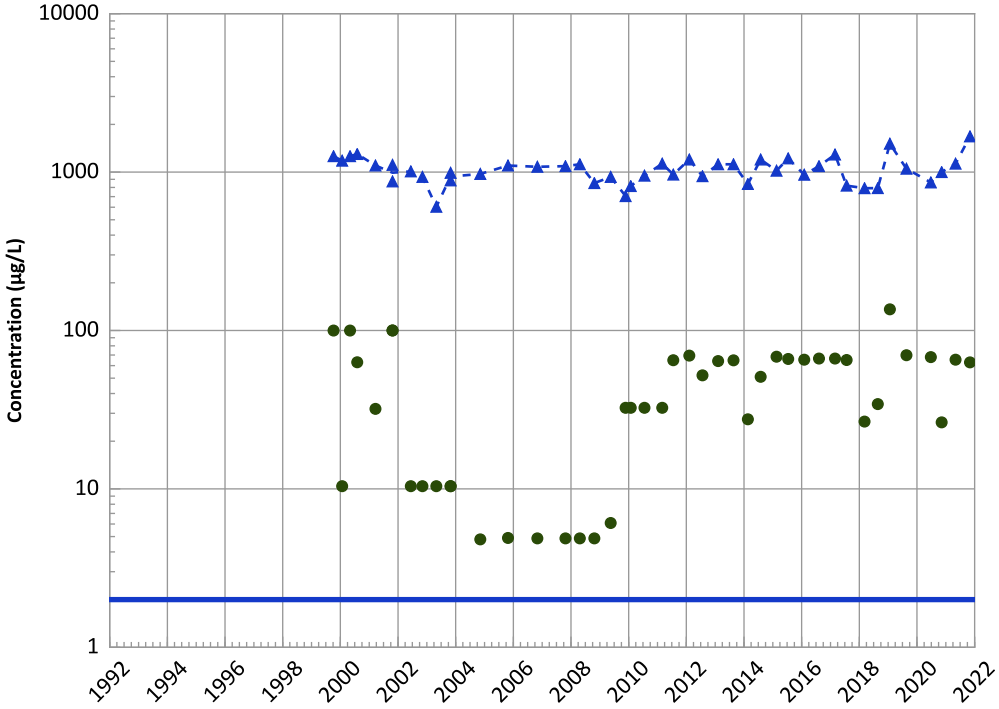
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

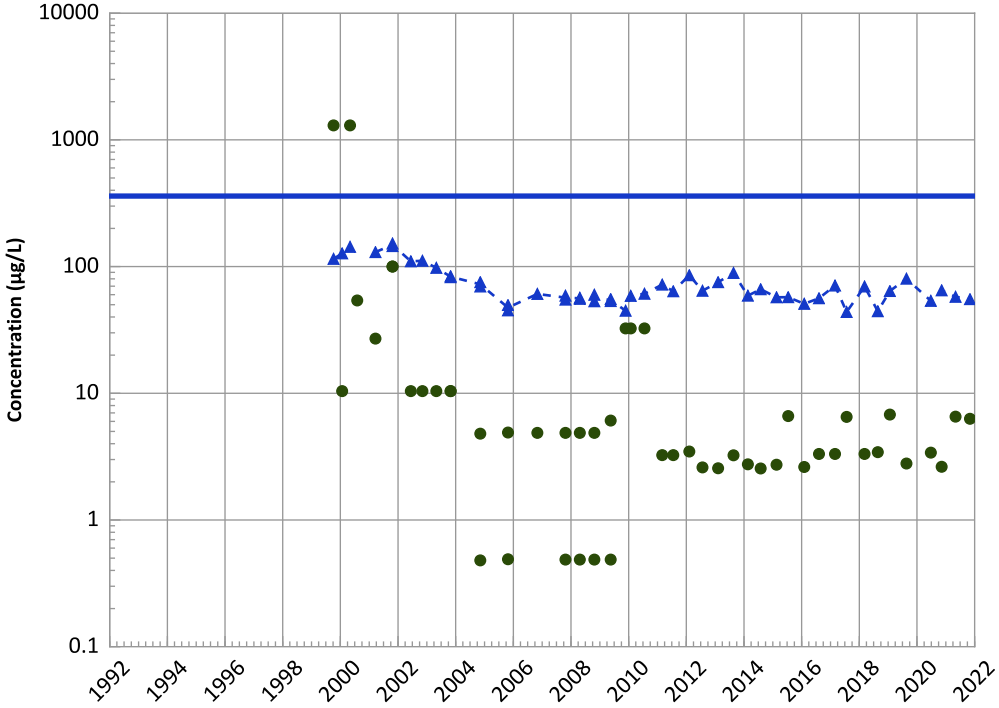


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

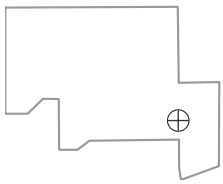
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

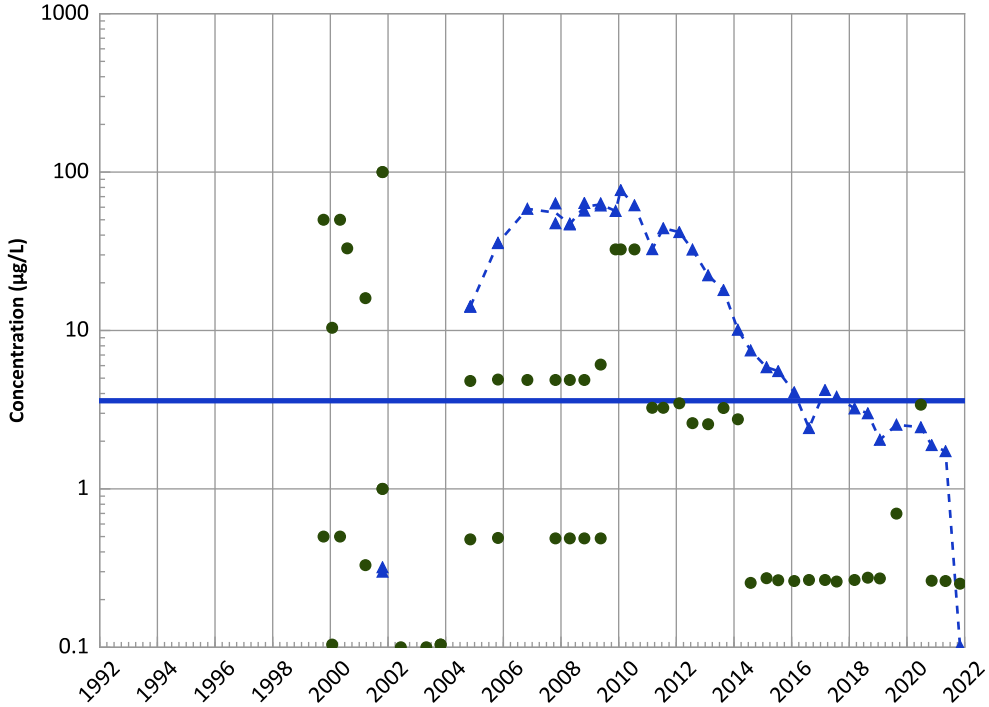
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

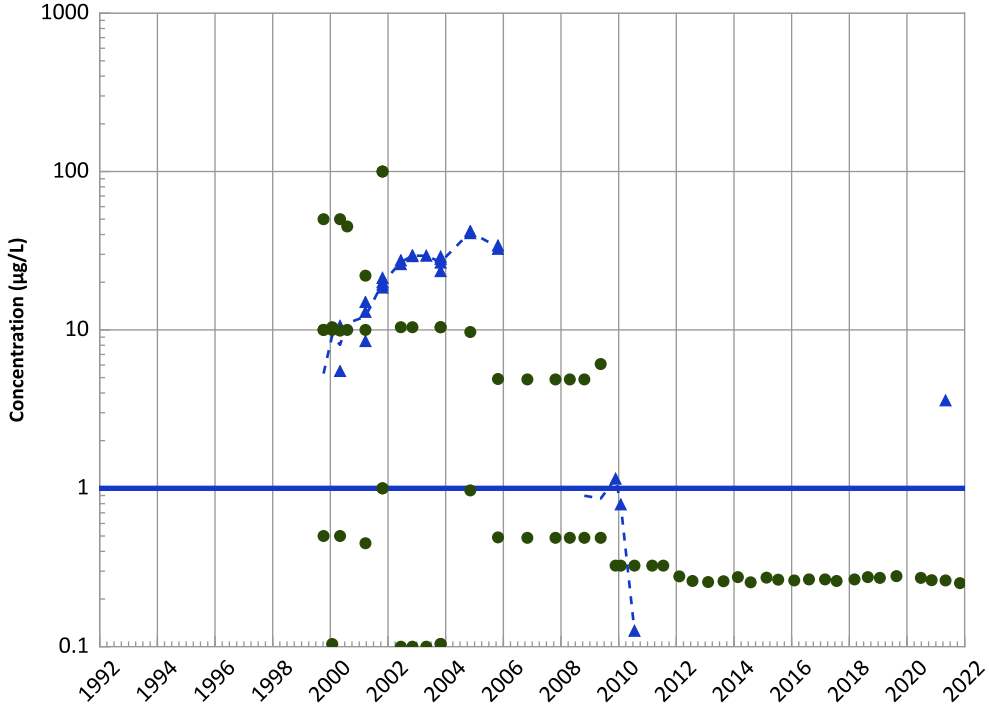


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

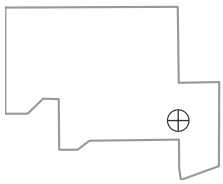
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

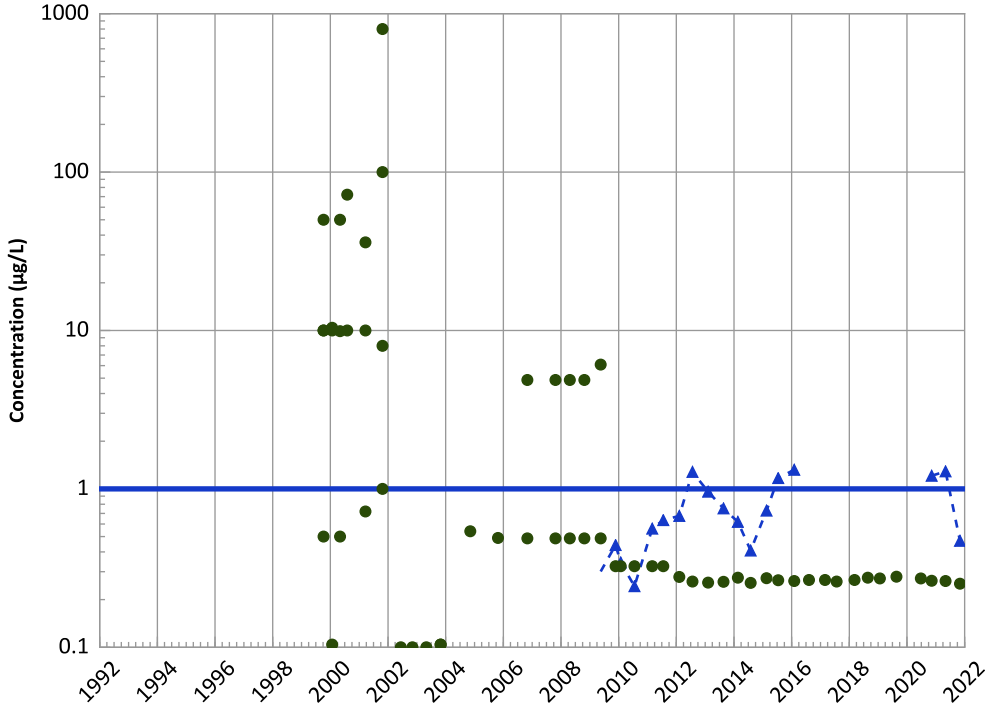
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

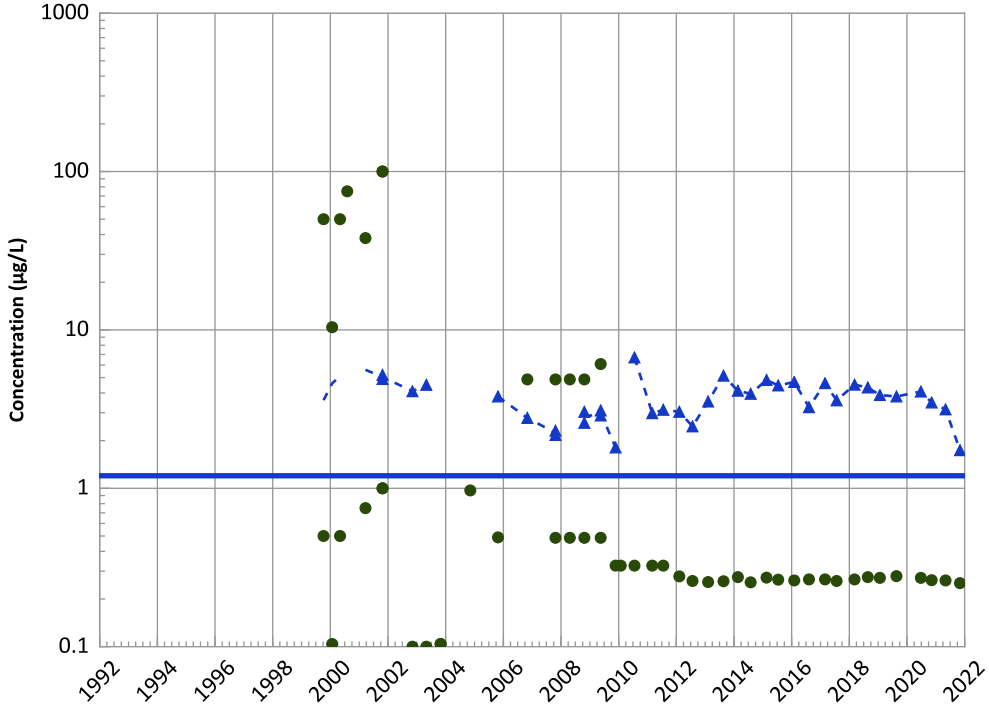


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

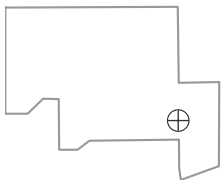
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

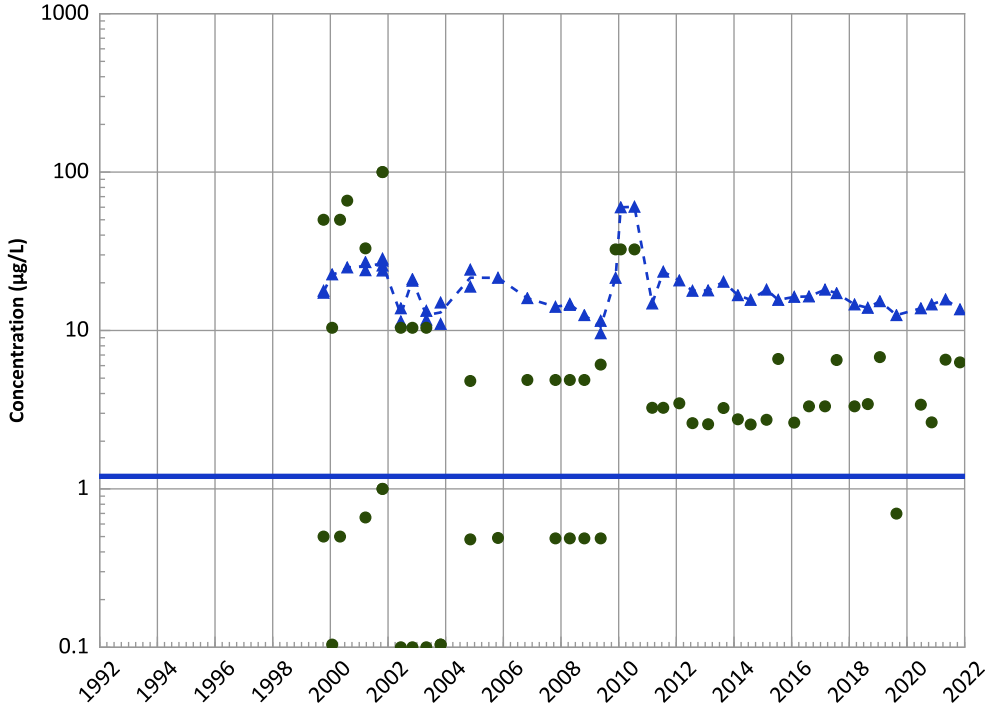
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

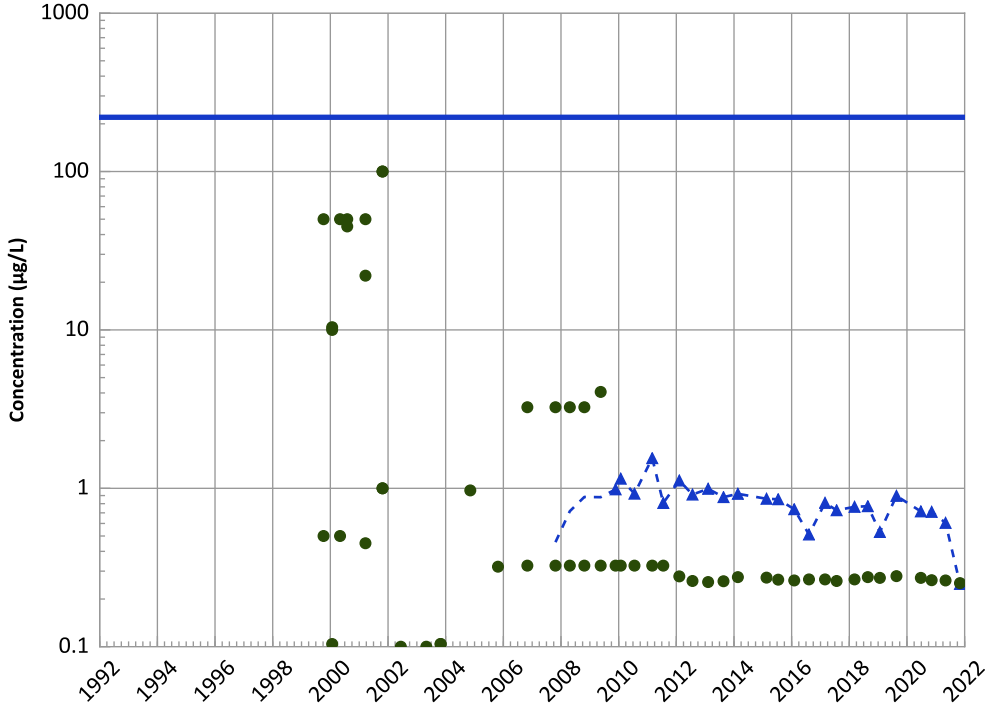


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

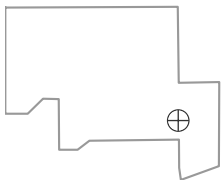
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

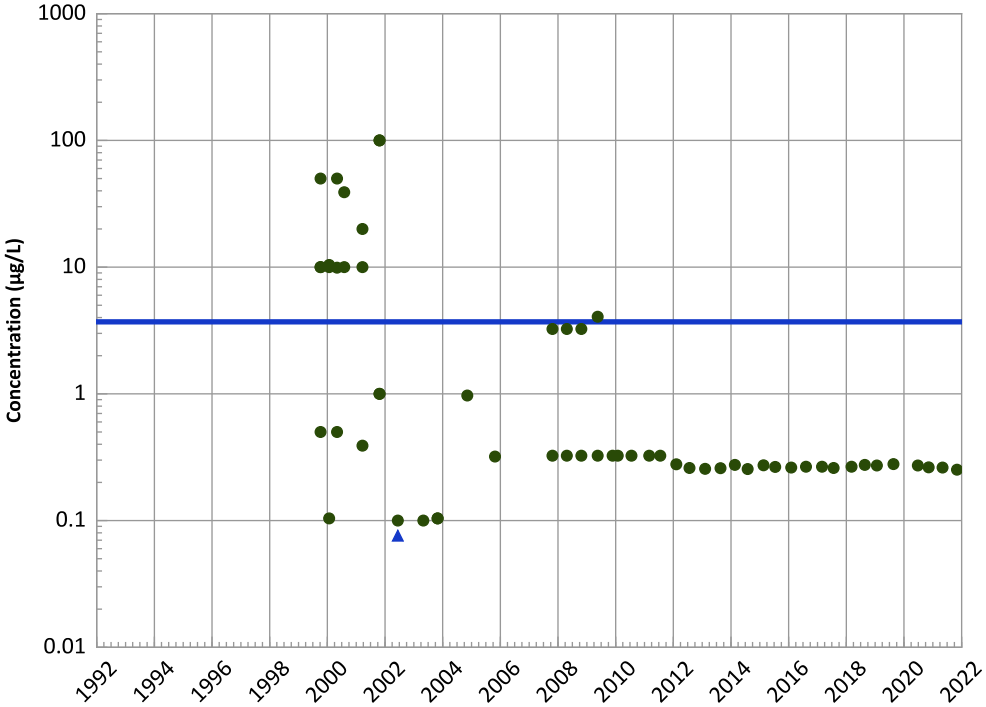
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

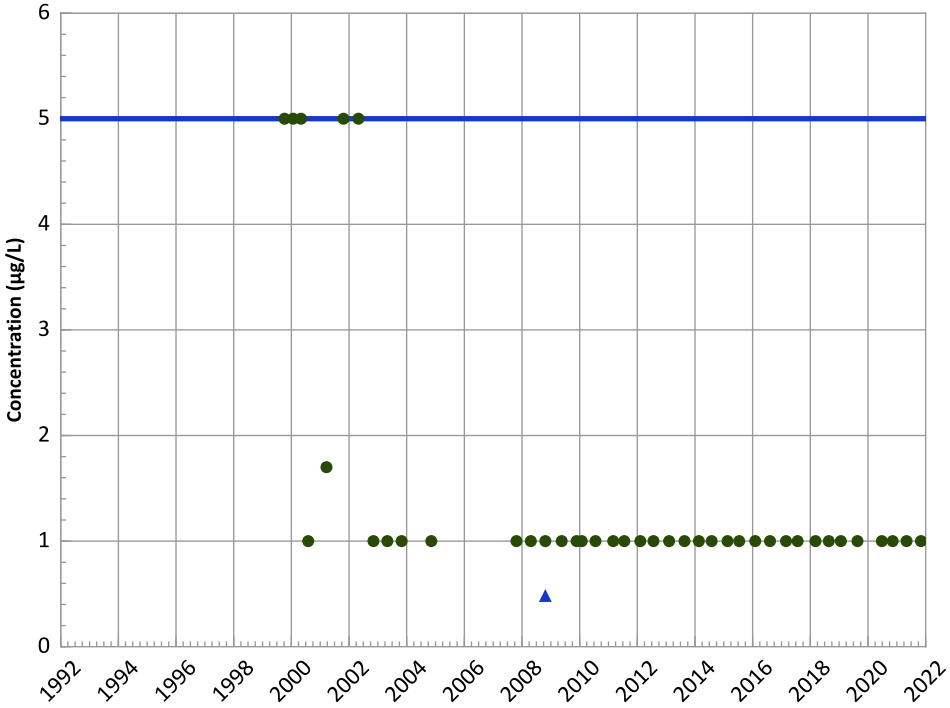


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

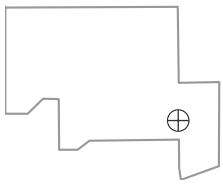
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

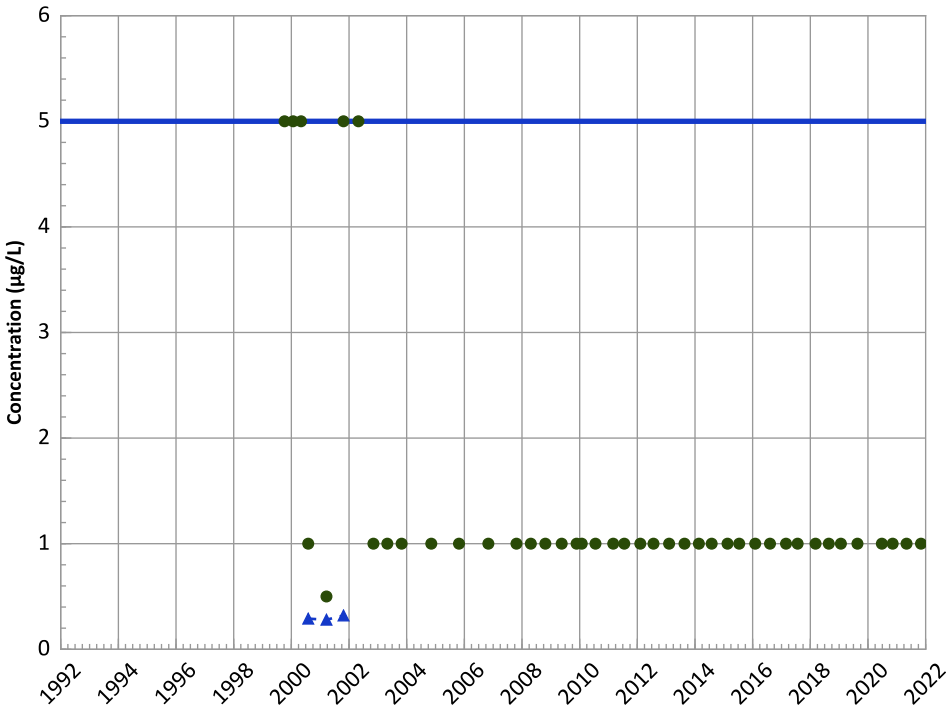
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

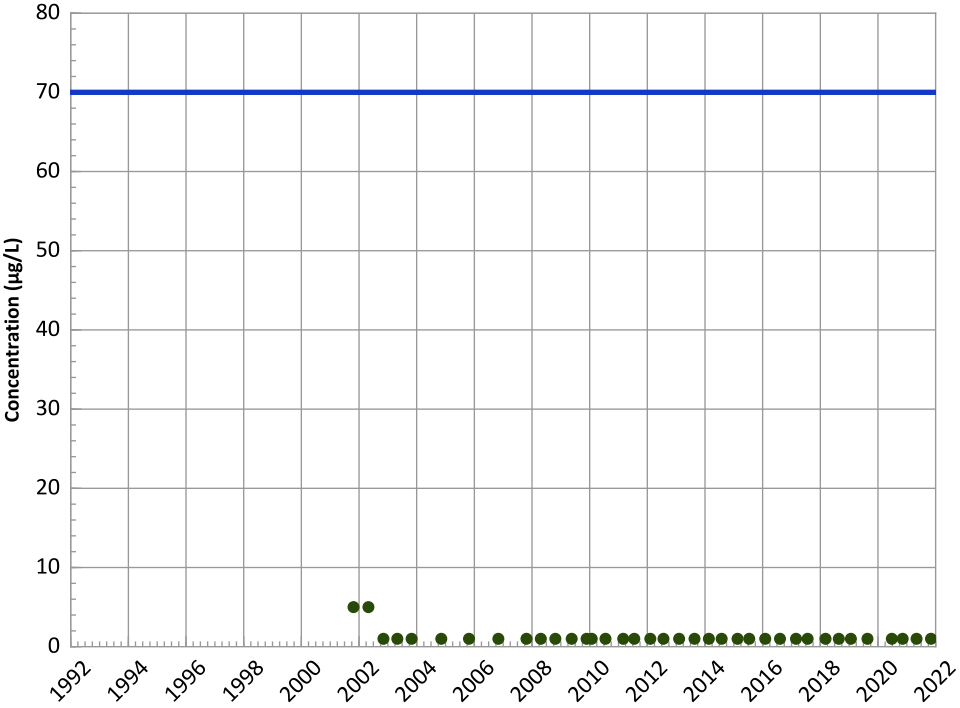


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

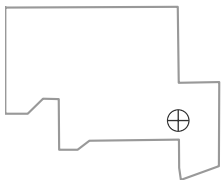
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

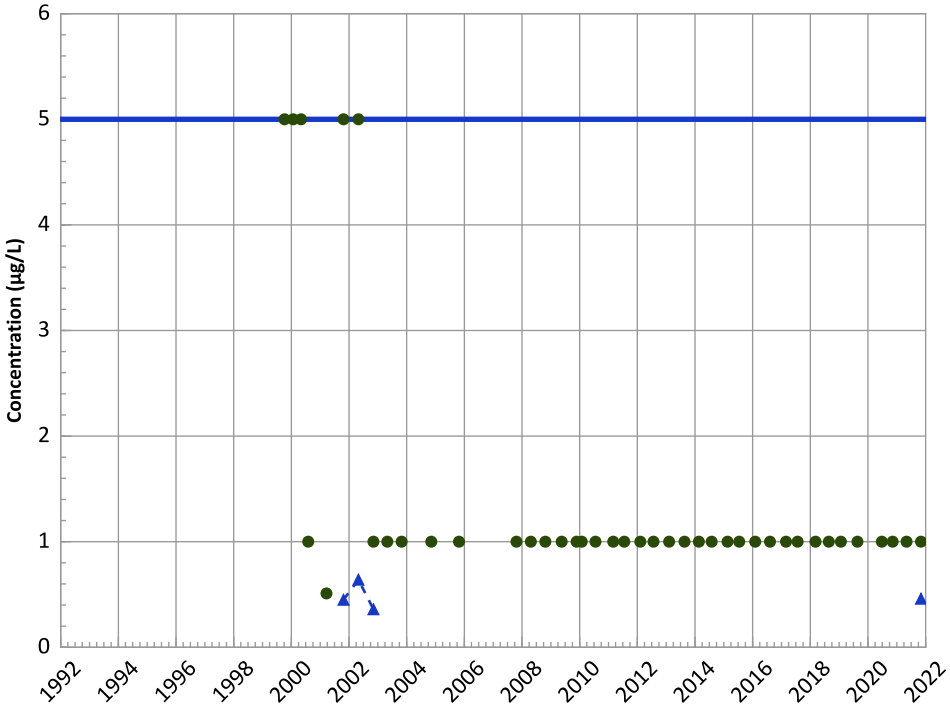
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

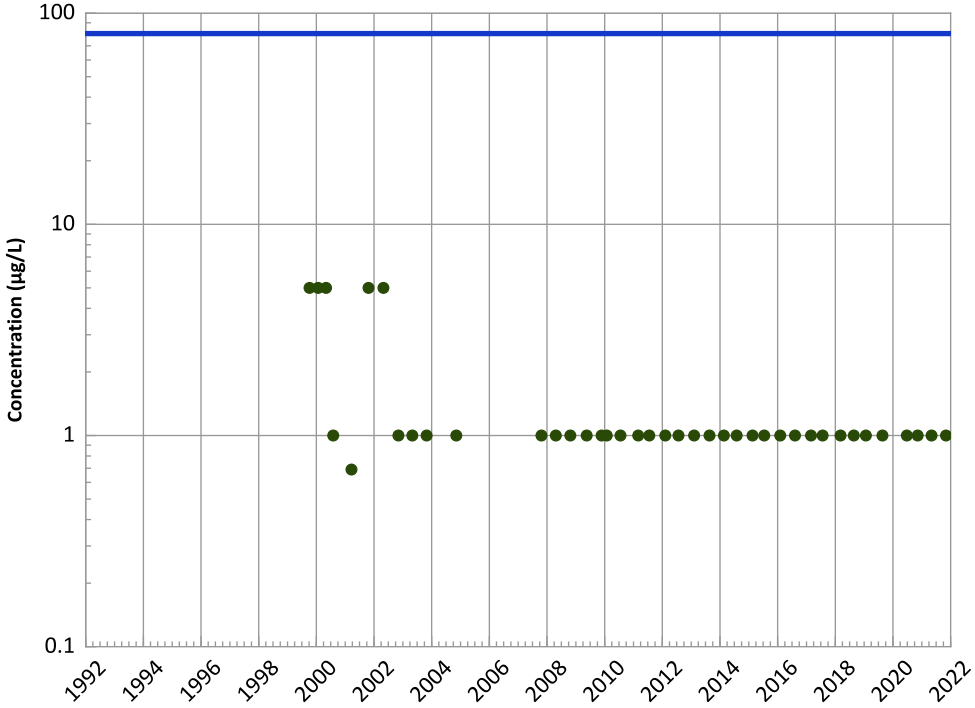


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chloroform Trend



Concentration Trend

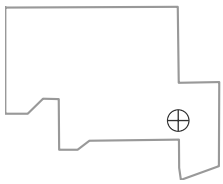
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

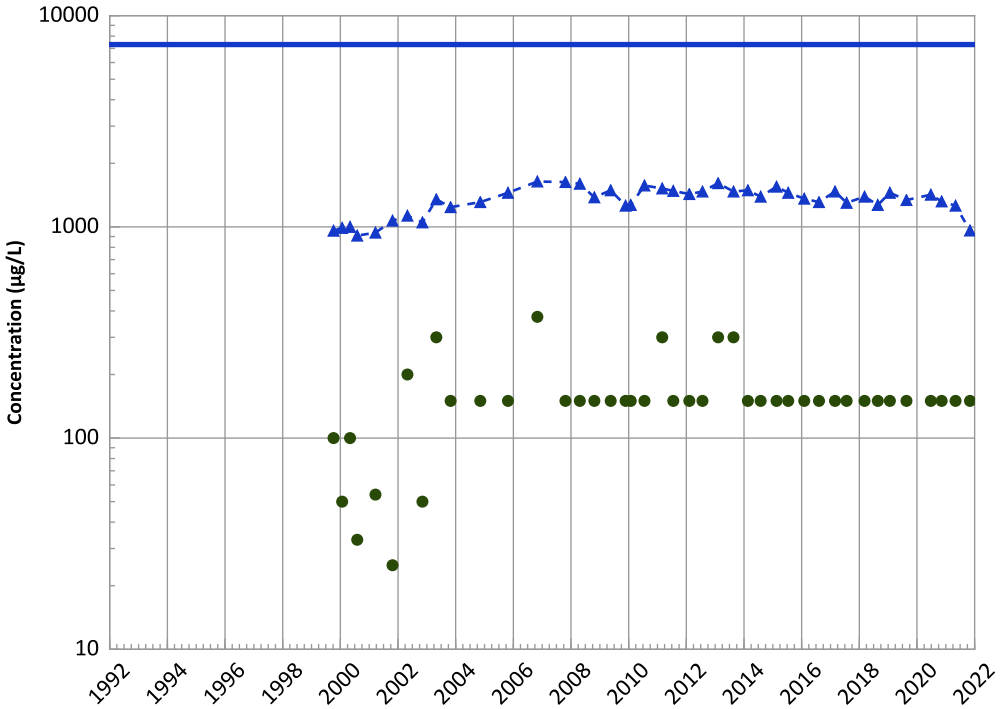
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

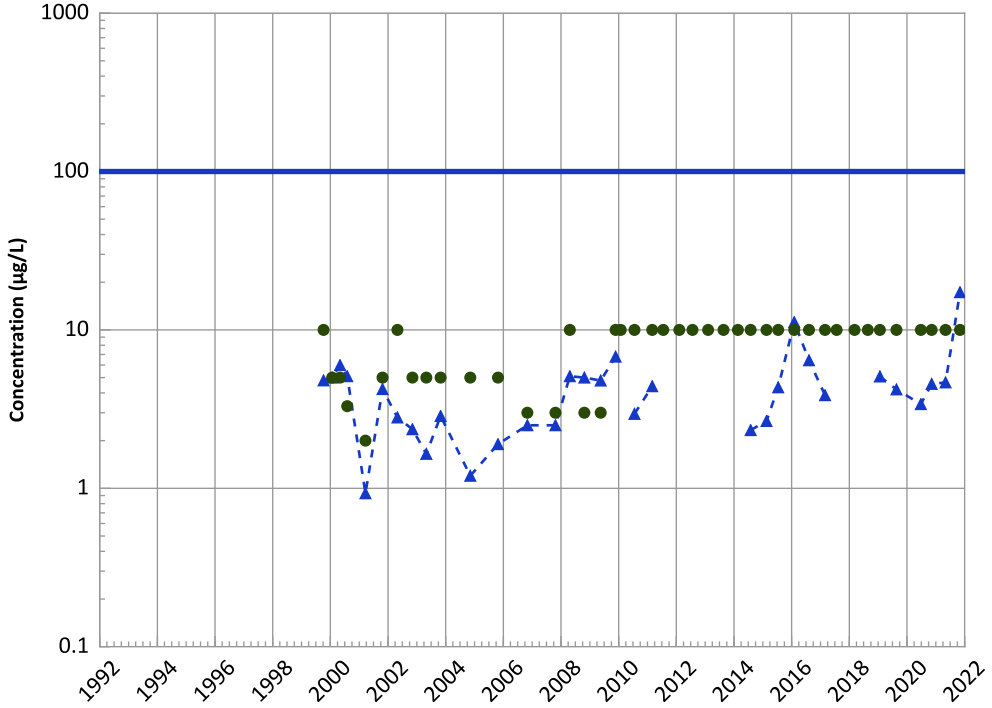


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

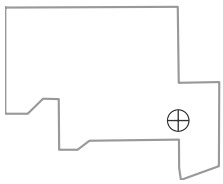
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

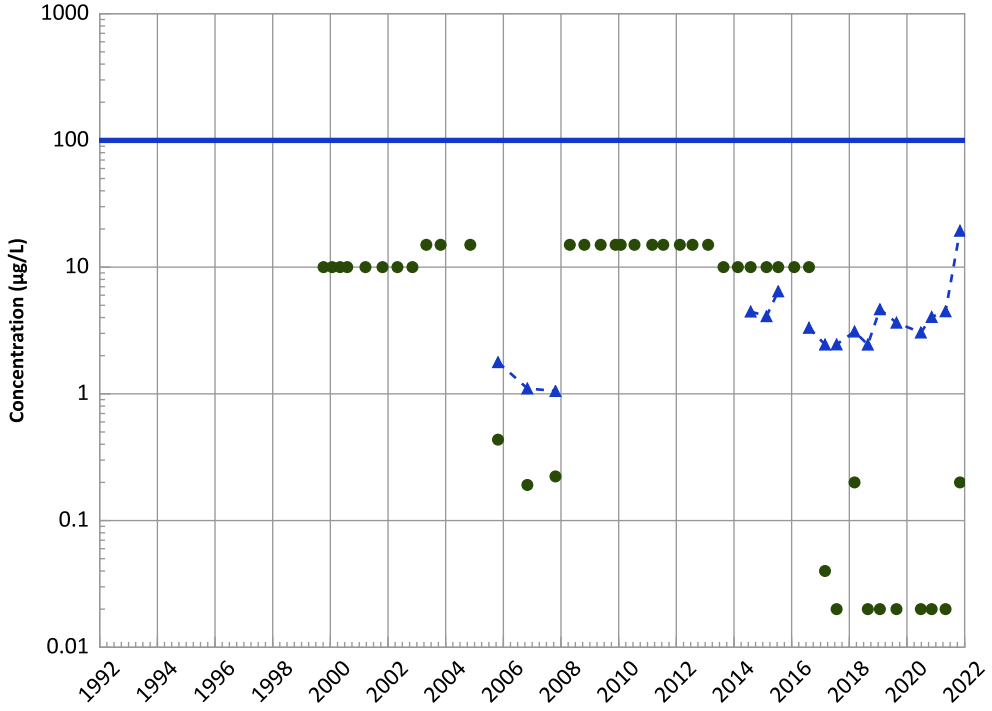
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1041 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

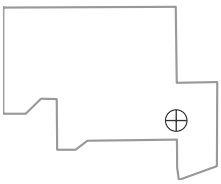
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Stable

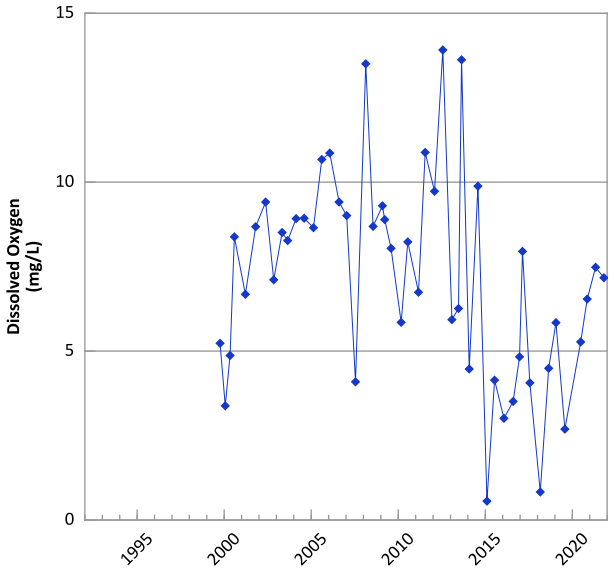
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 11/03/2021
Analysis Date: 04/05/2022

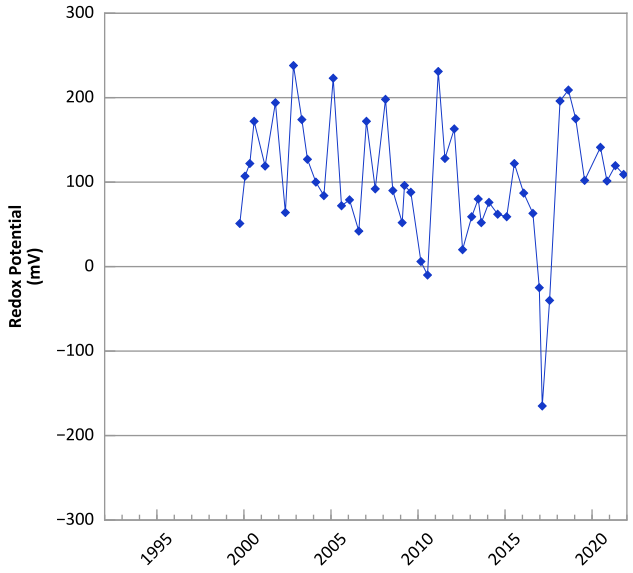
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

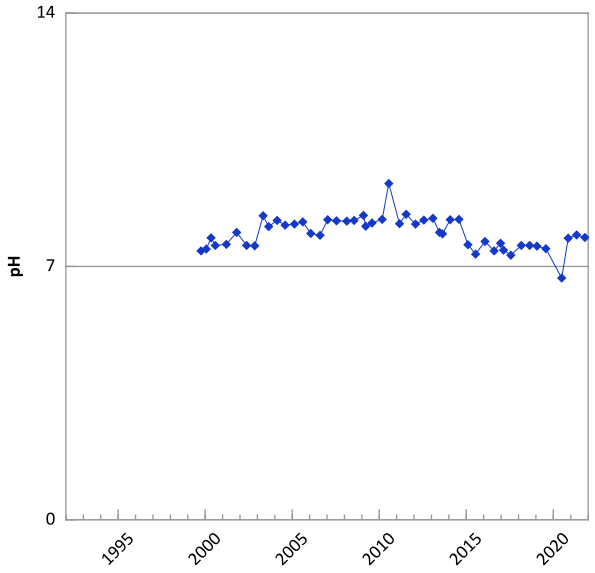
Well Location

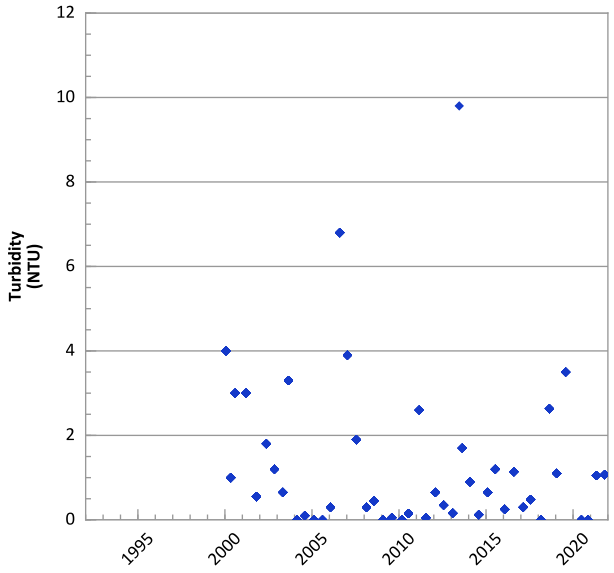


PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



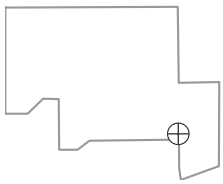






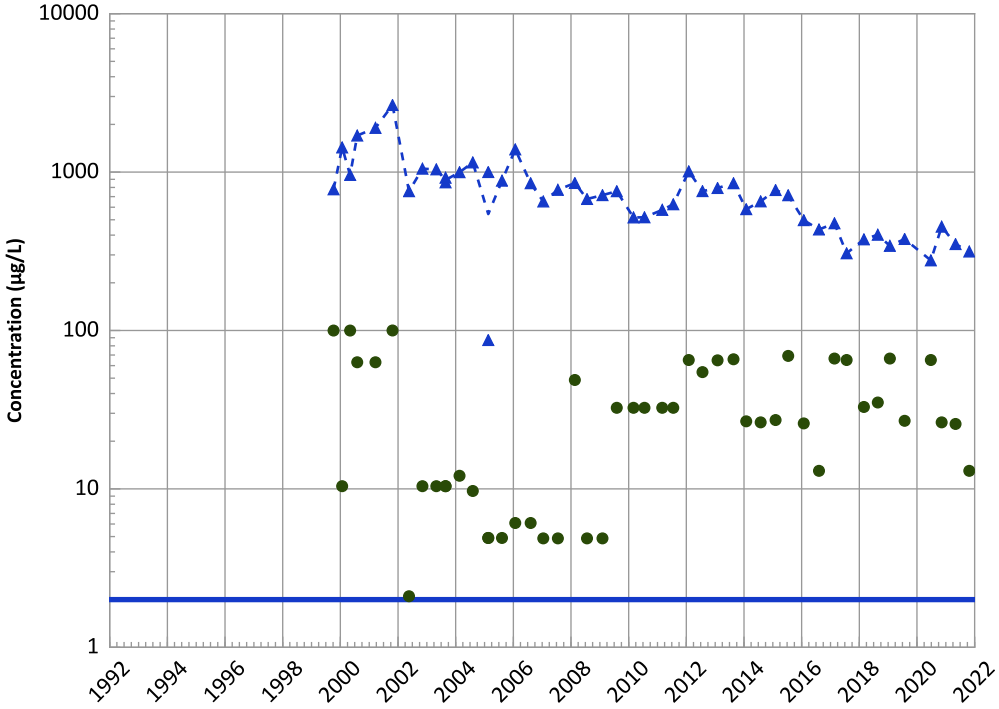
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

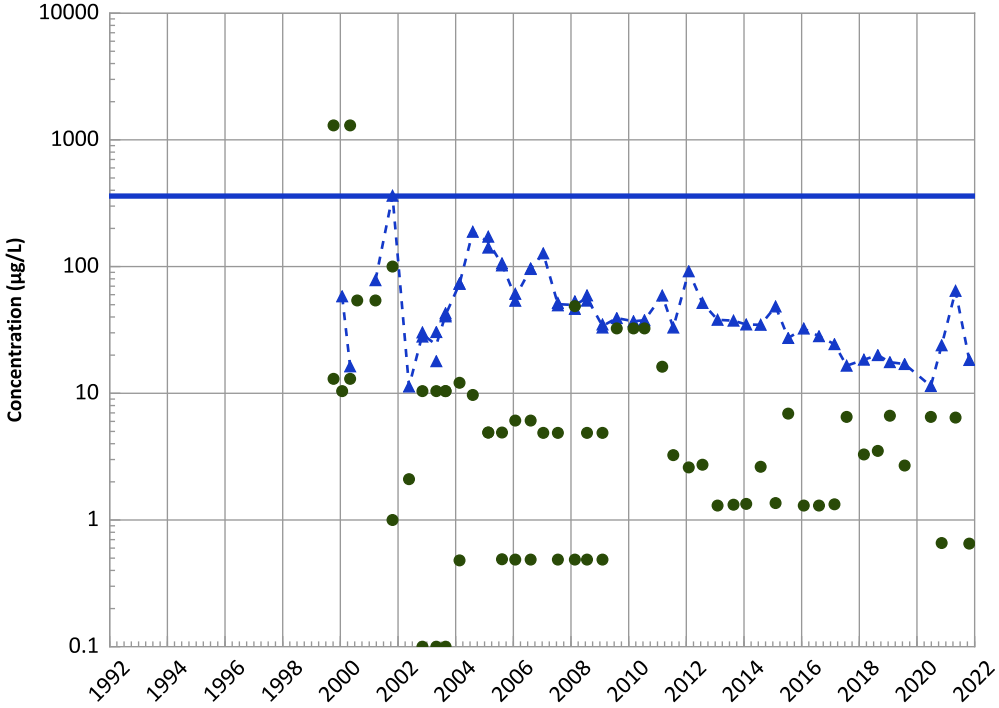


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

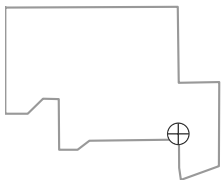
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

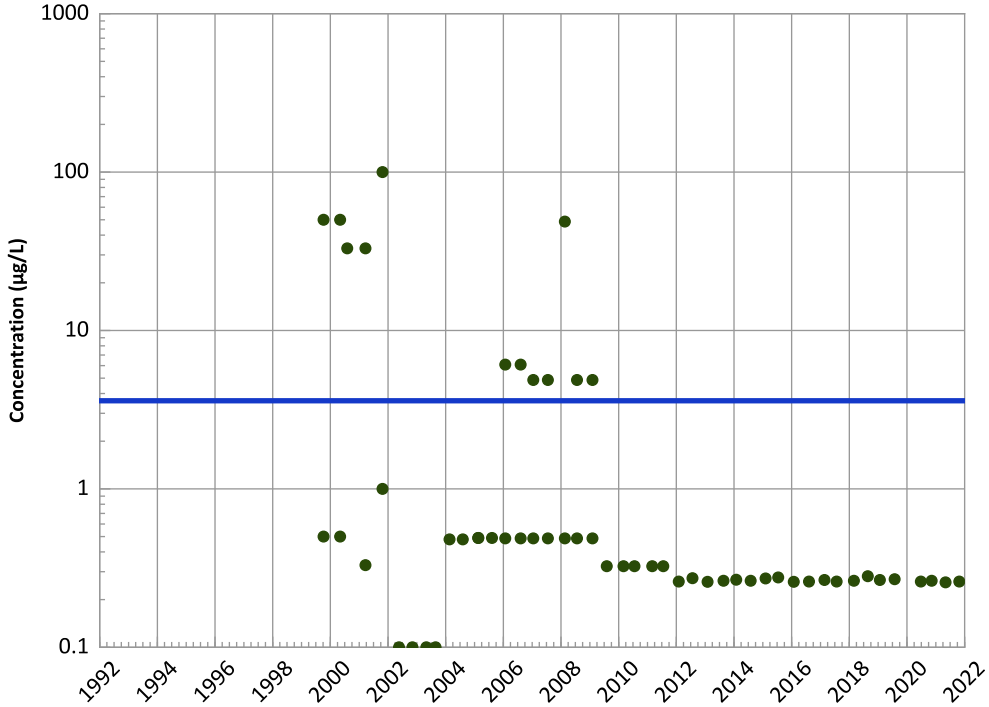
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

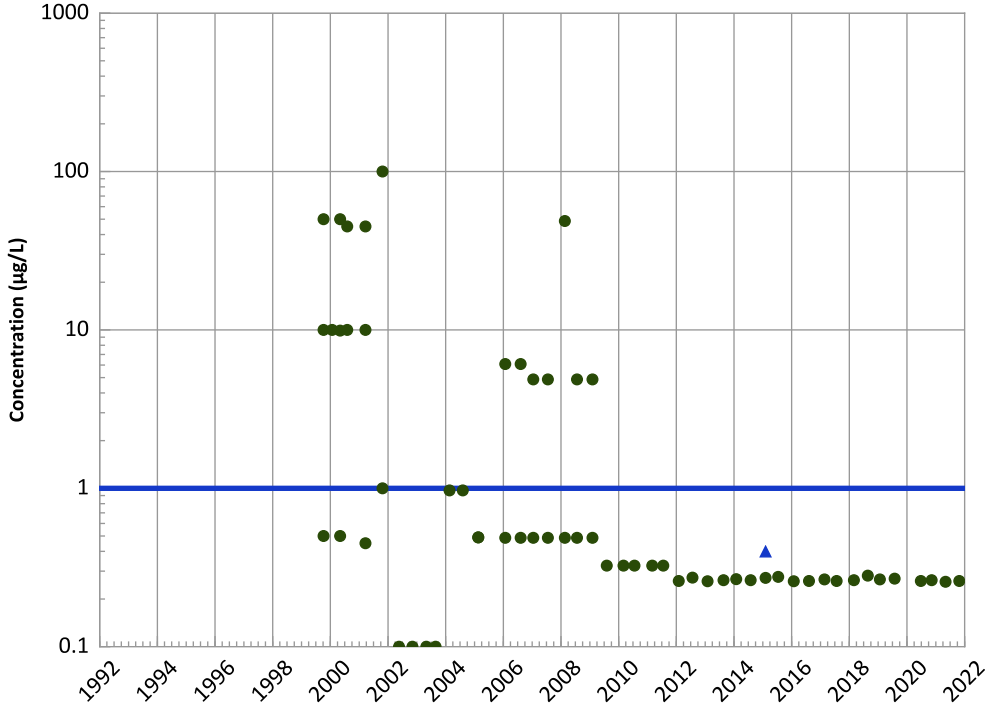


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

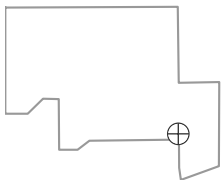
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

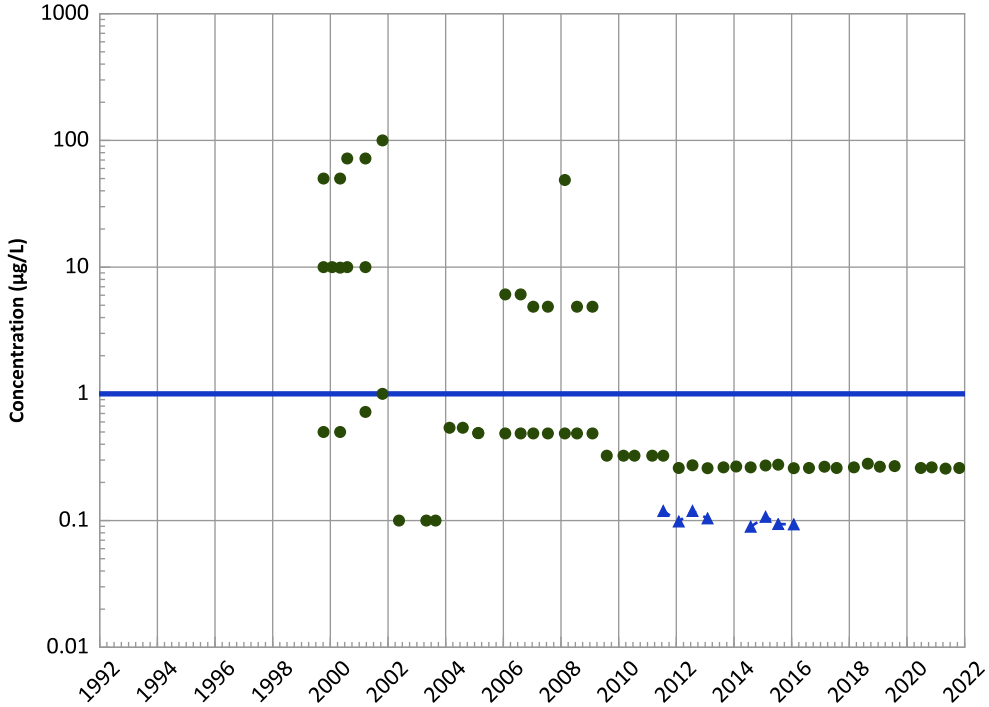
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

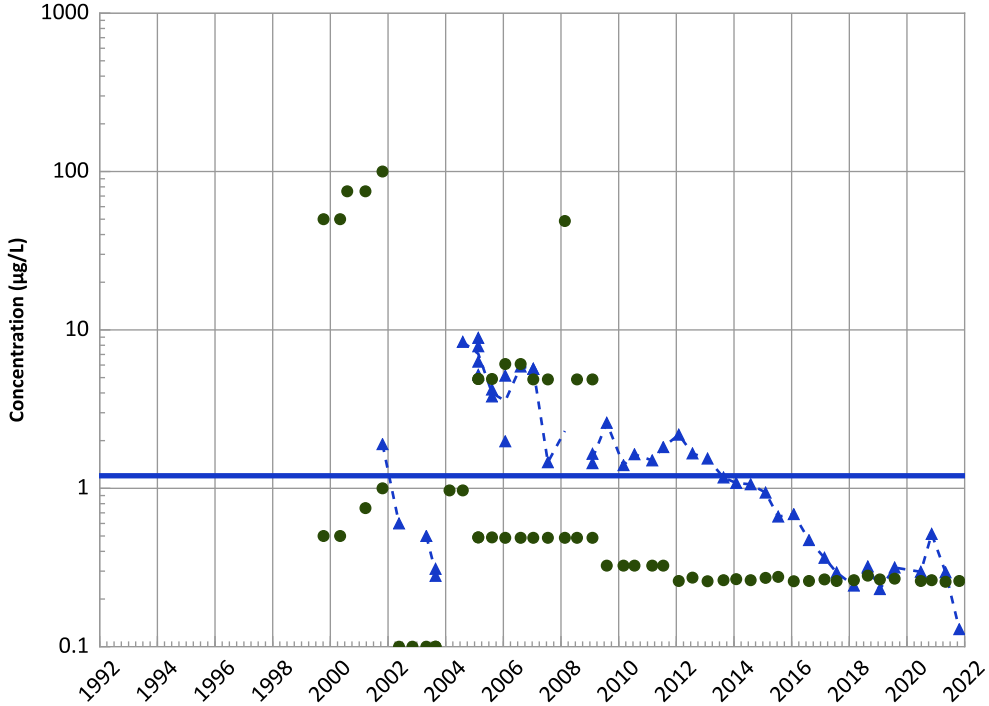


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

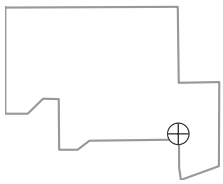
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

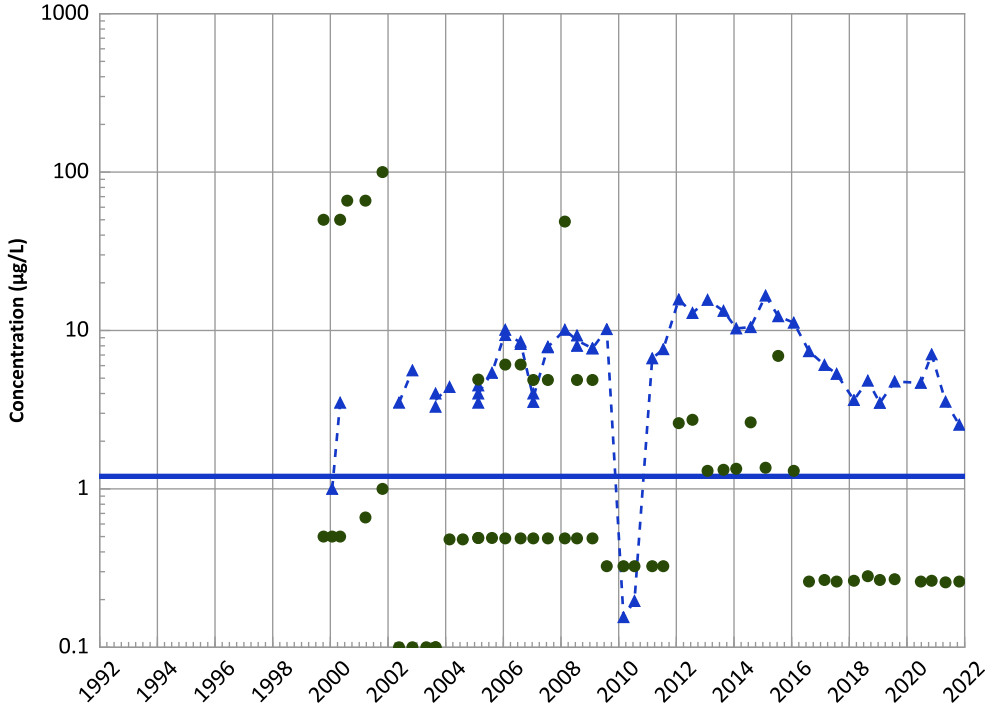
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

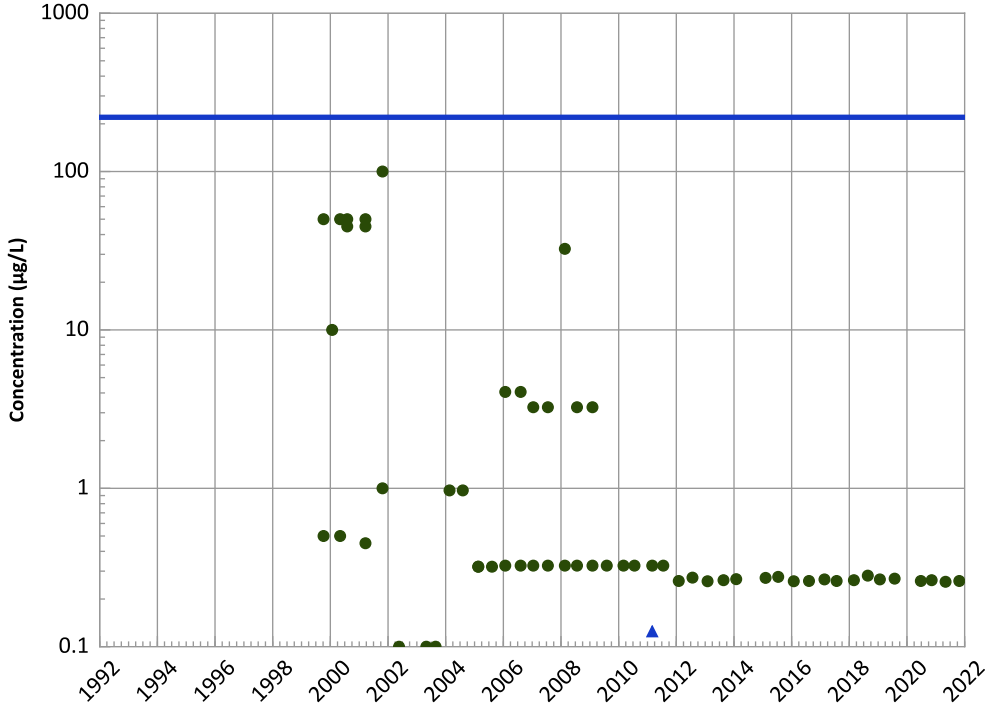


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

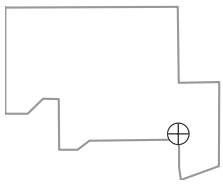
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

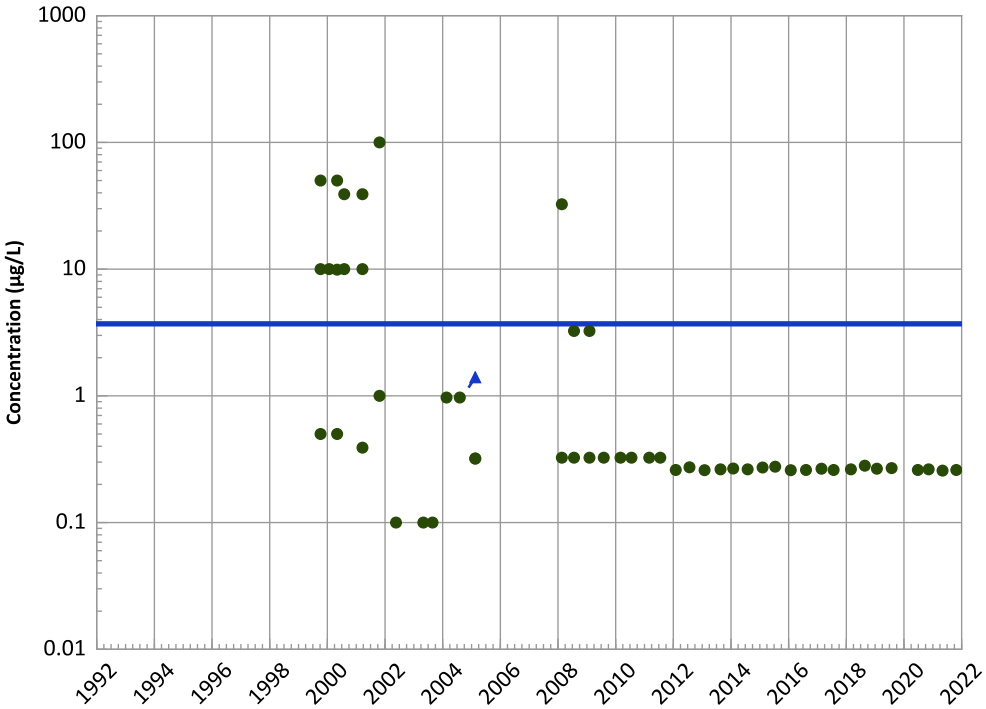
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

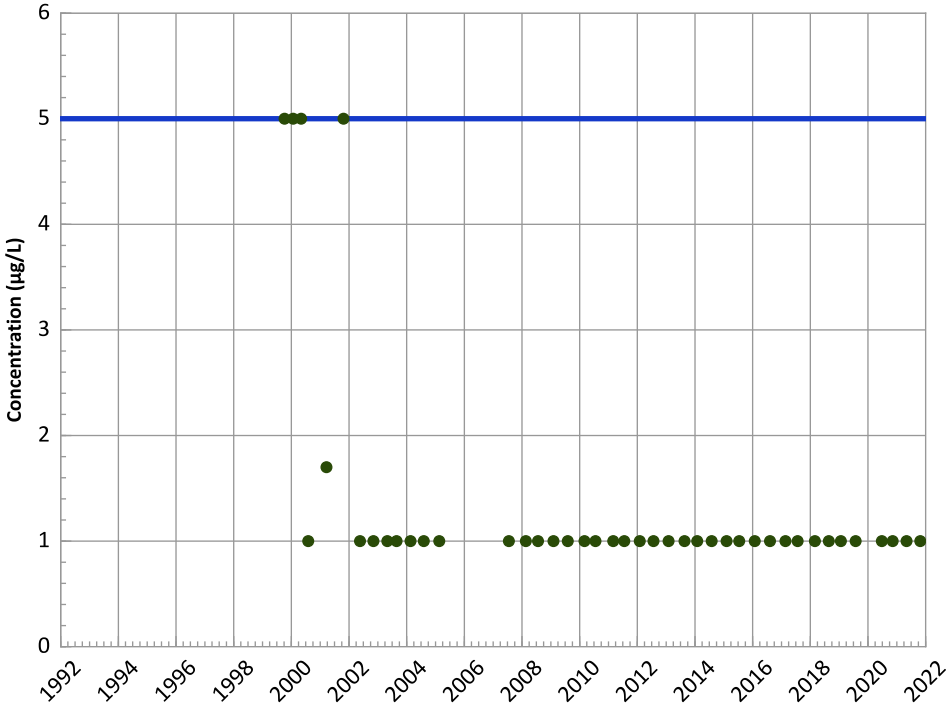


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

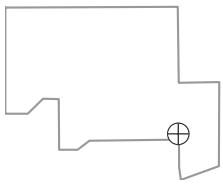
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

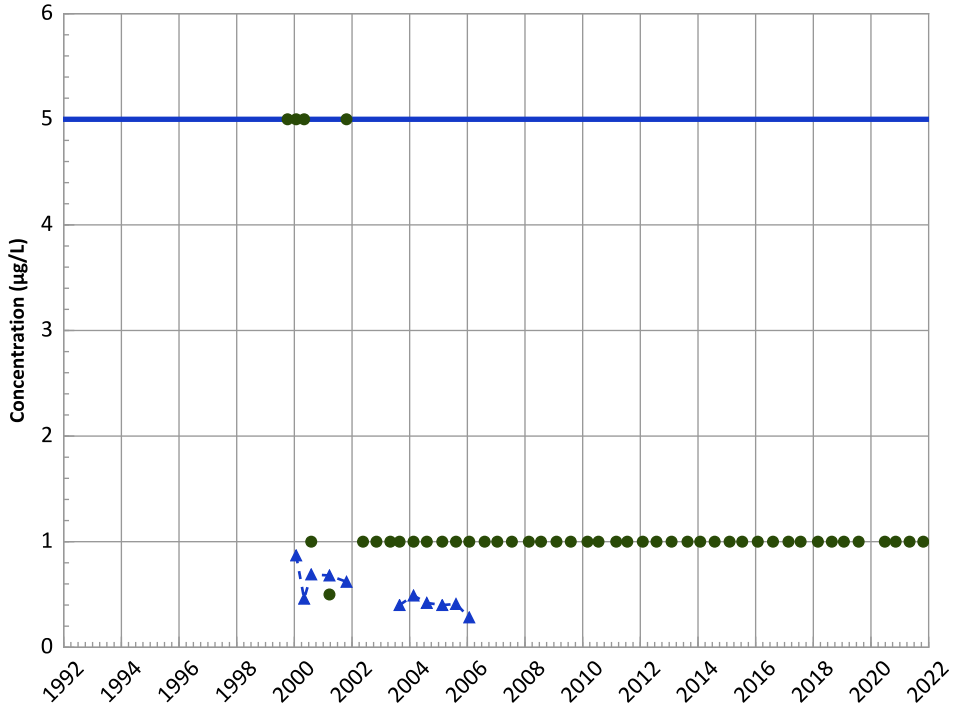
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

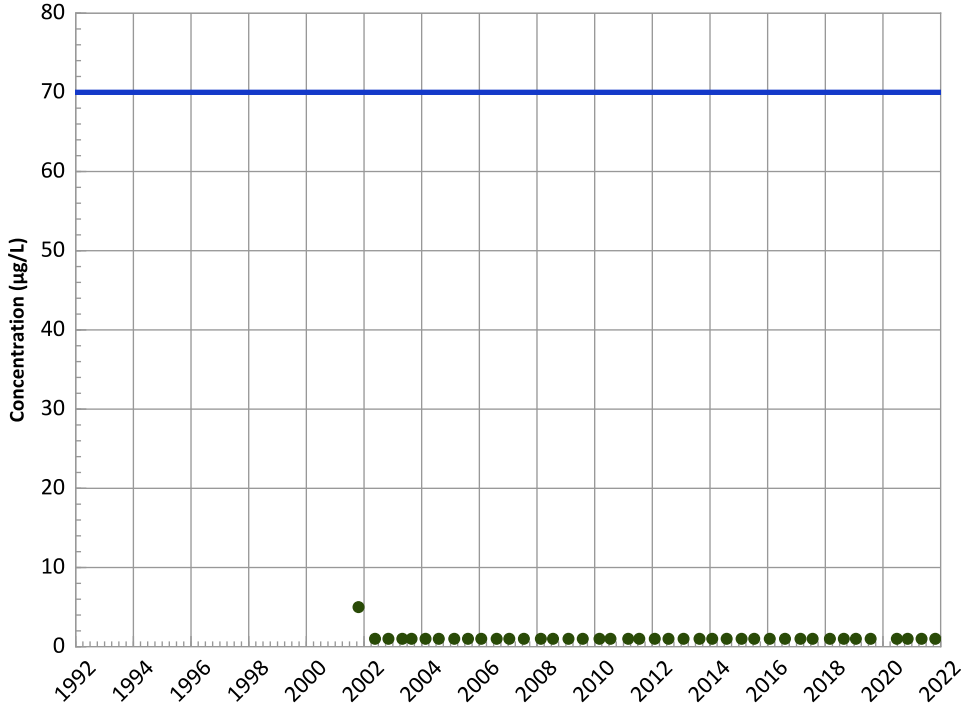


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

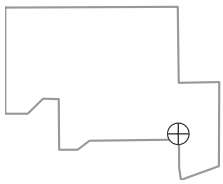
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

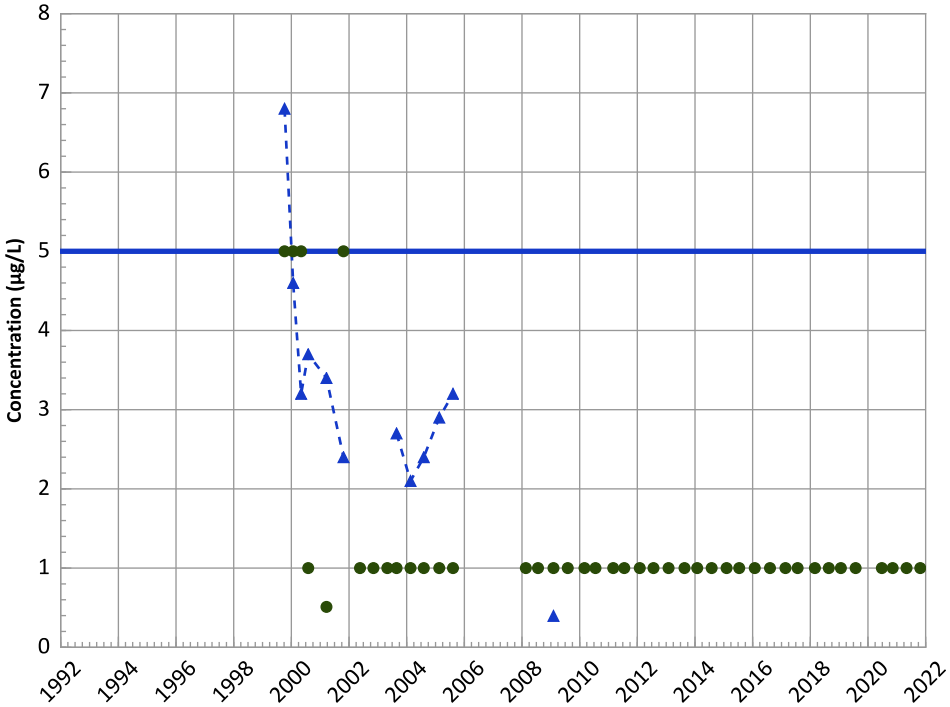
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

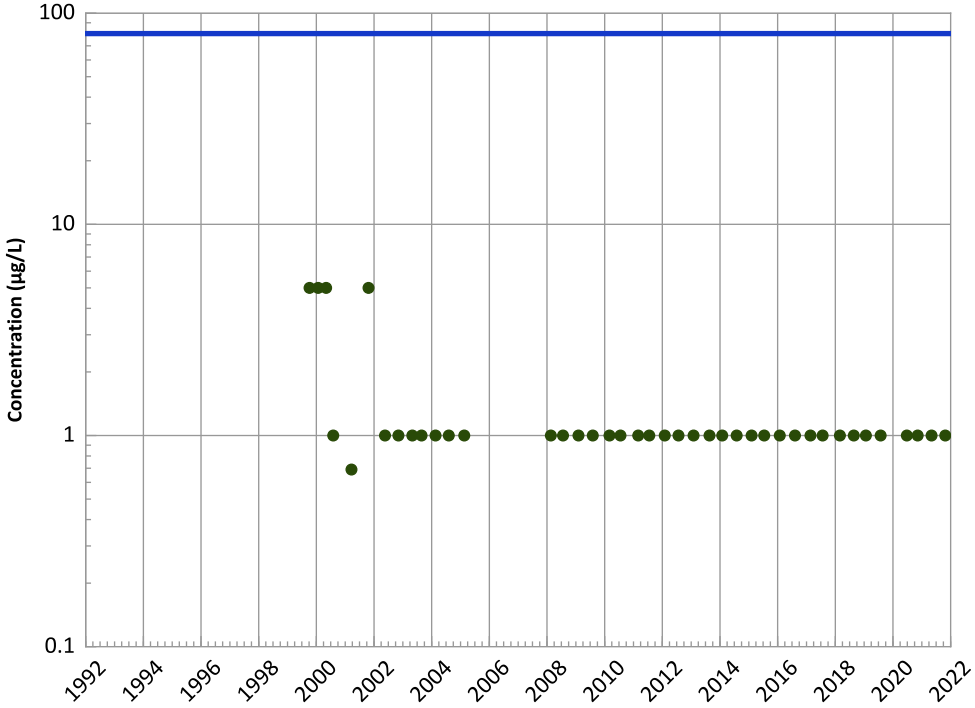


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chloroform Trend



Concentration Trend

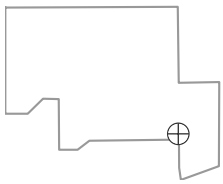
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

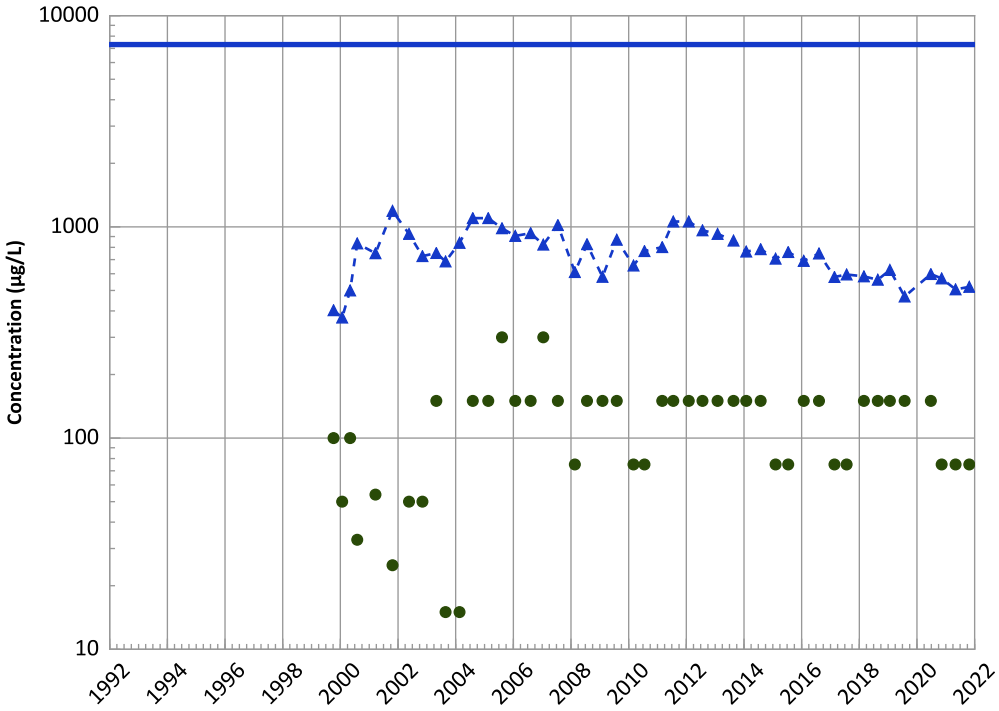
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

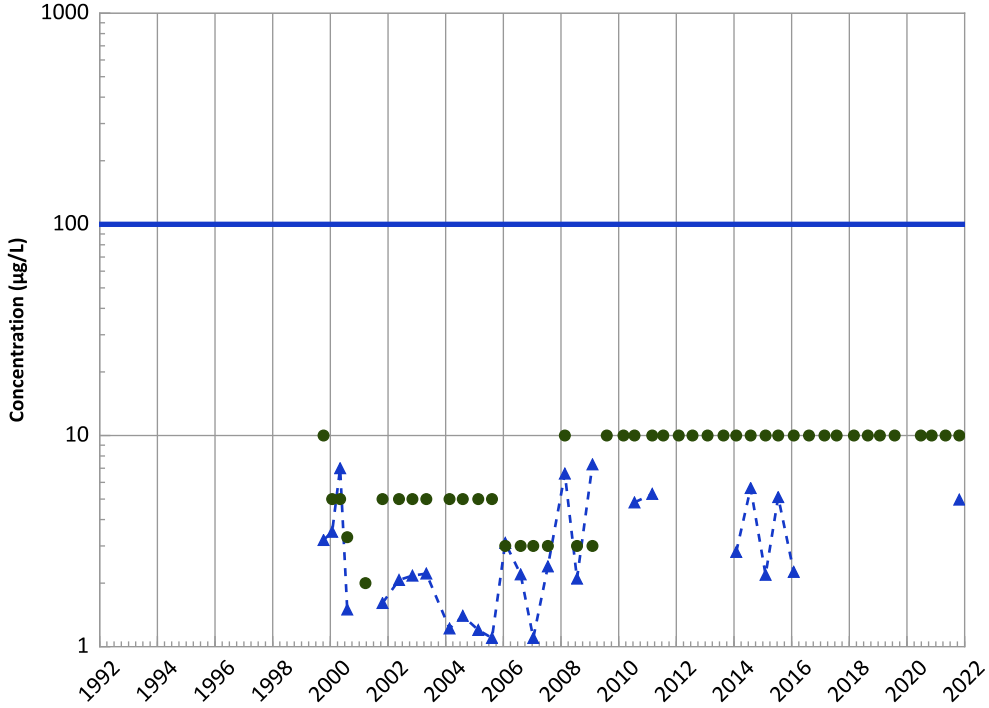


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

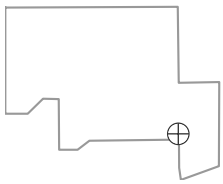
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

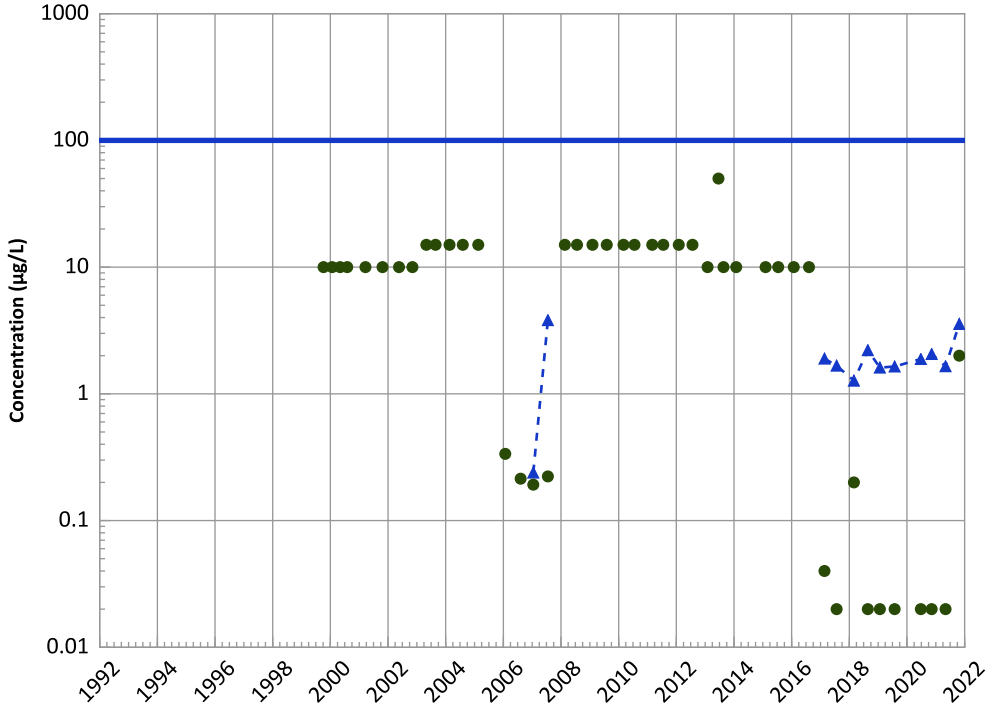
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1042 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

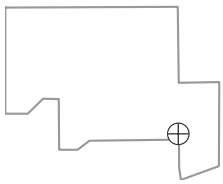
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

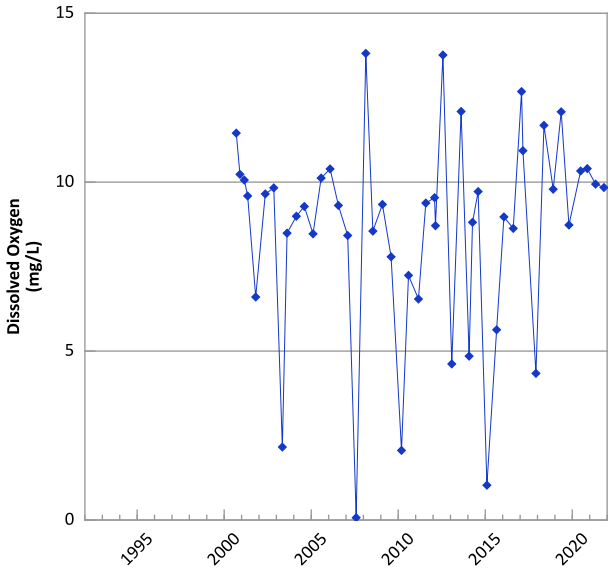
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/07/1999 to 10/25/2021
Analysis Date: 04/05/2022

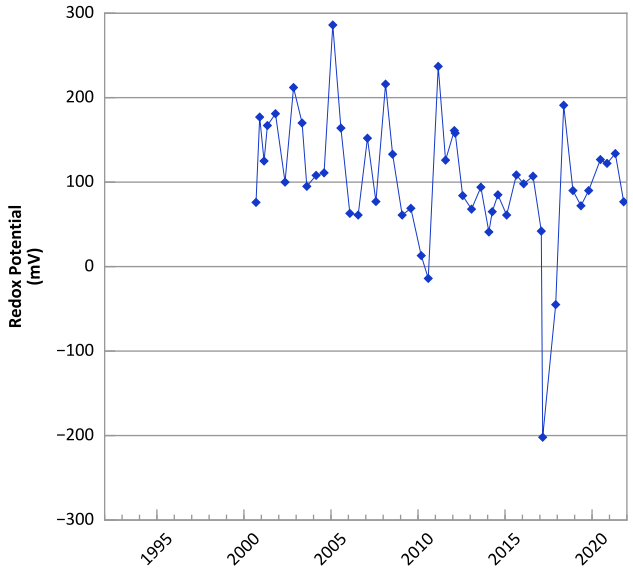
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

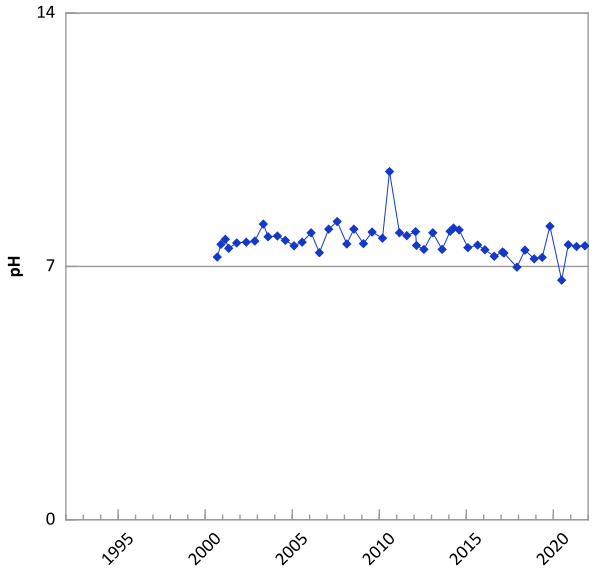
Well Location

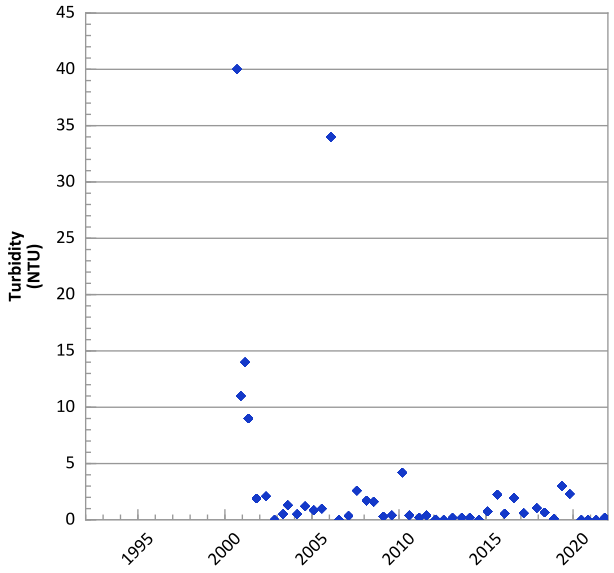


PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



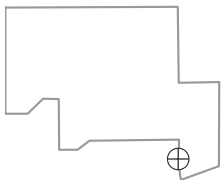






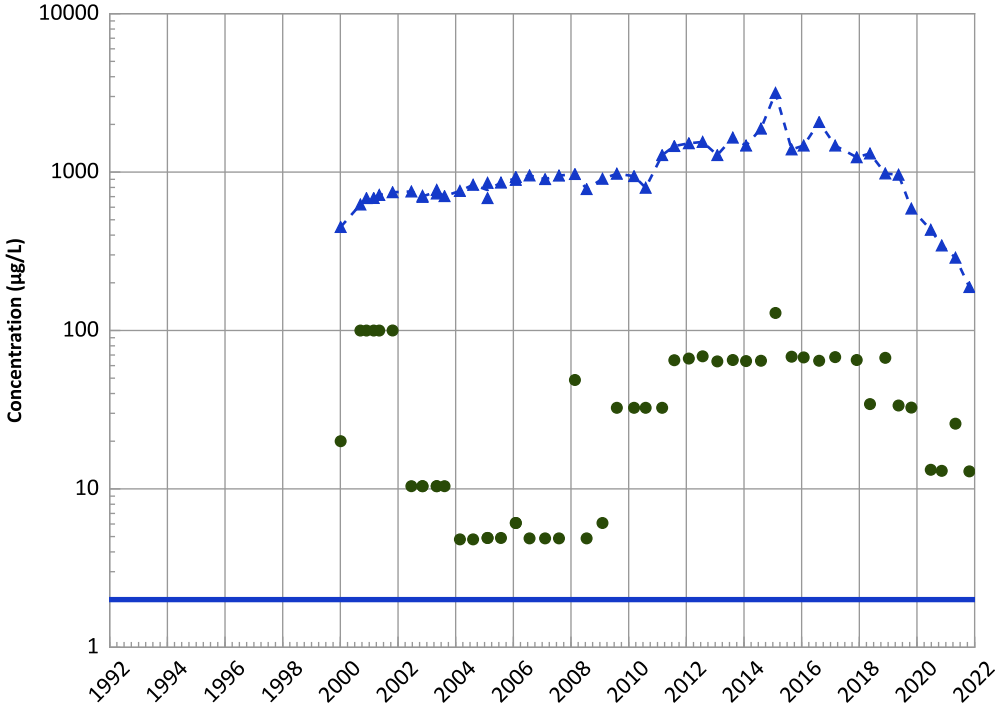
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

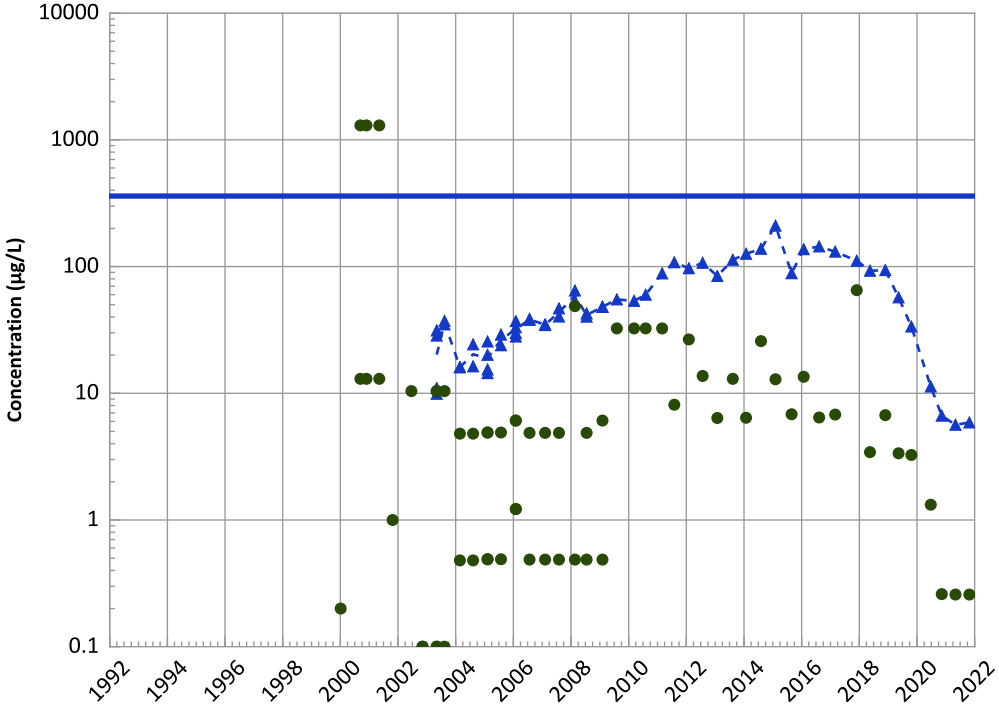


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

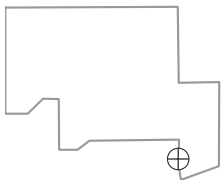
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

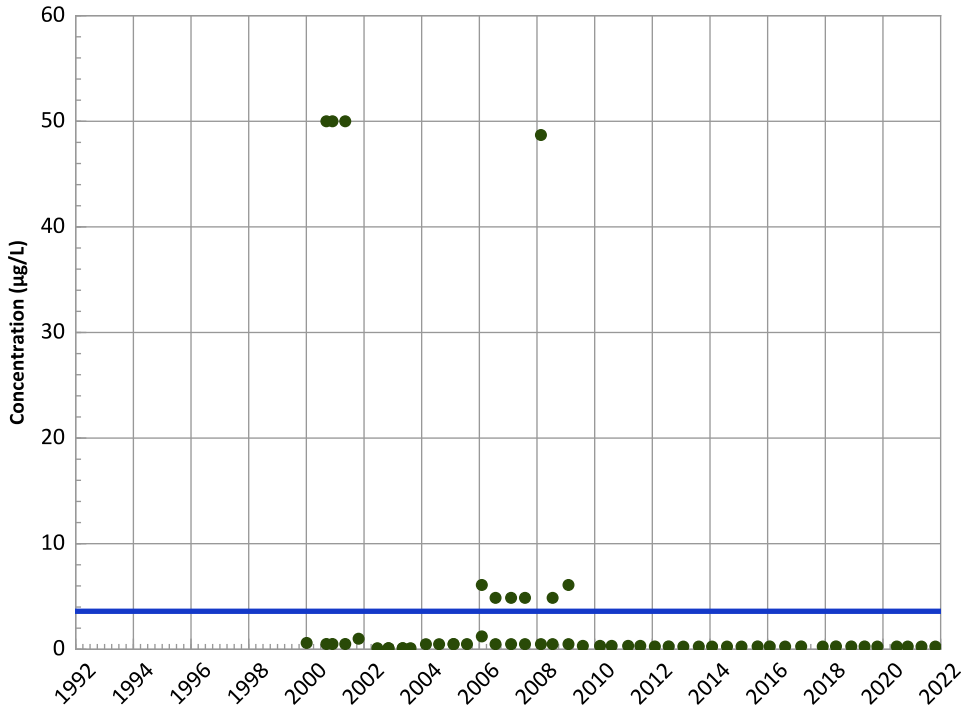
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

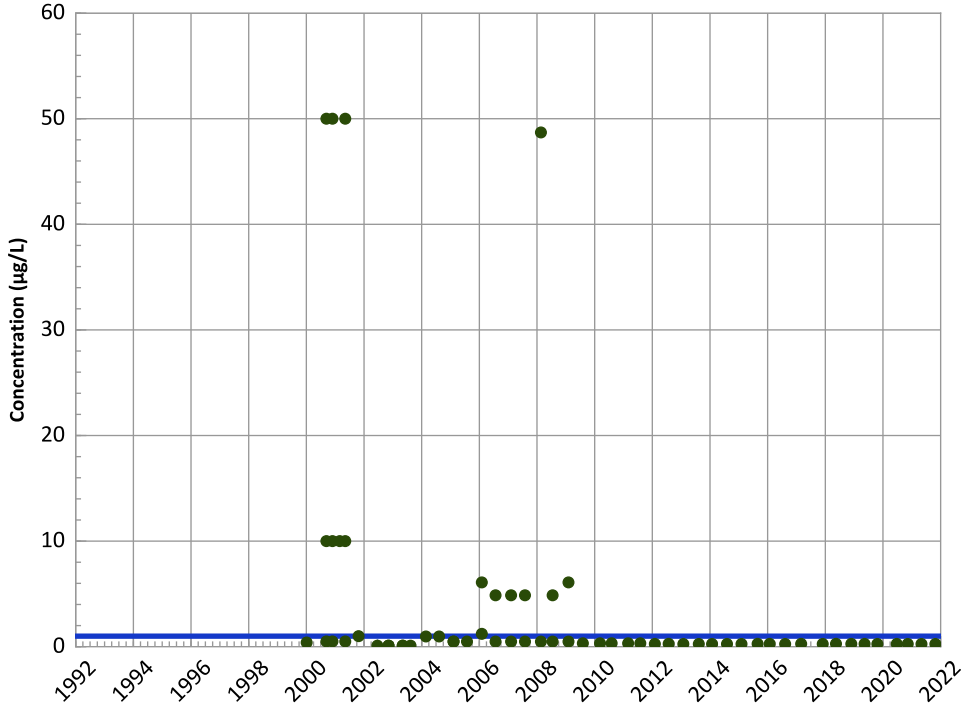


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

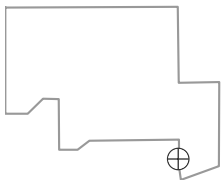
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

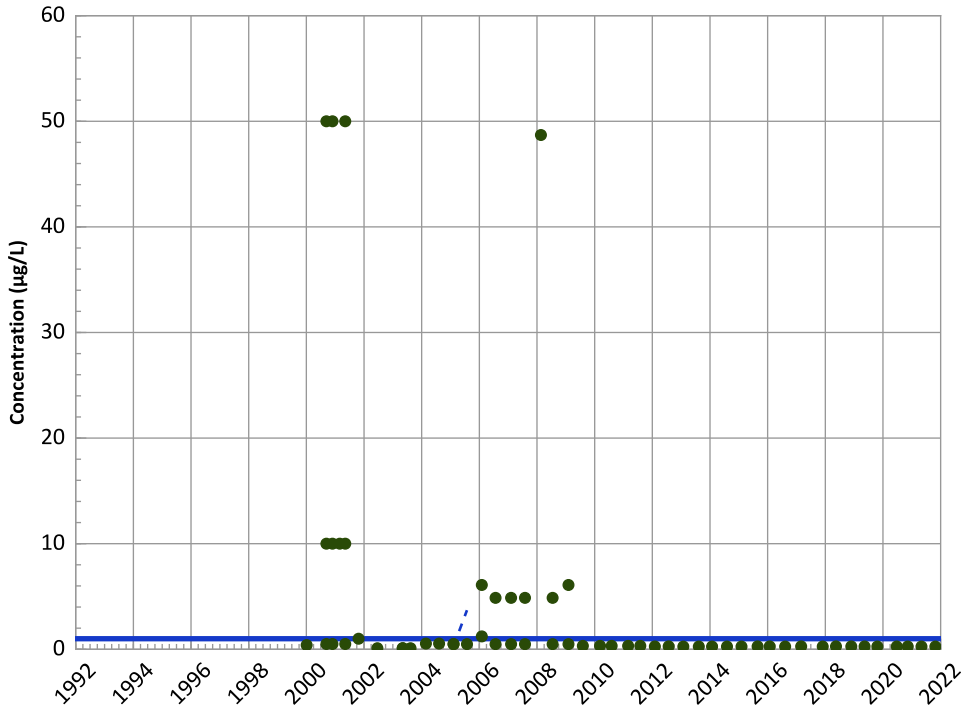
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

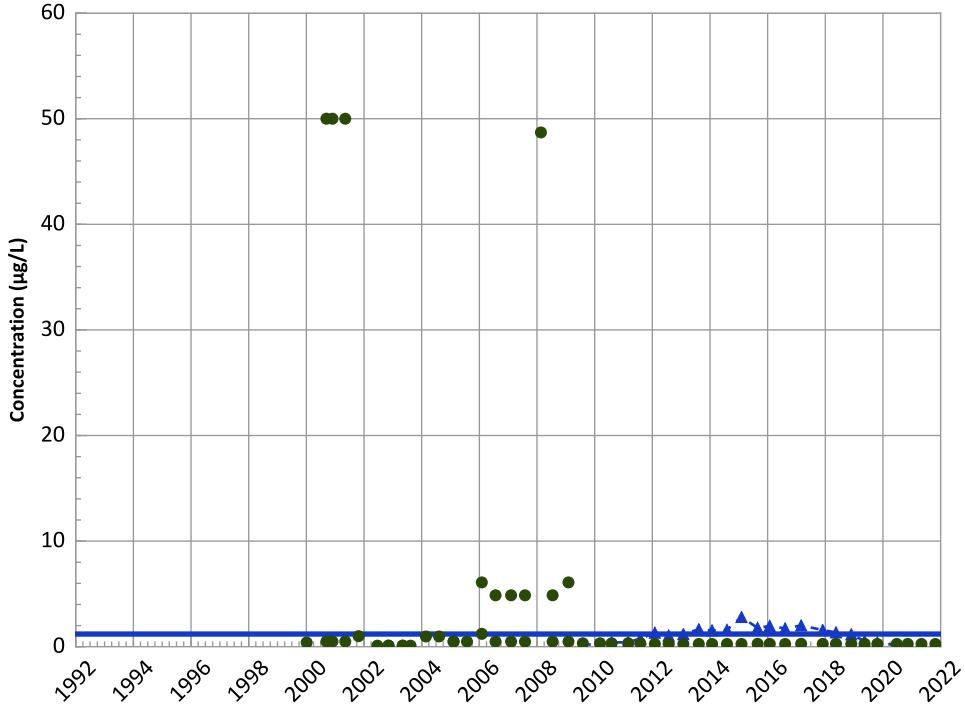


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

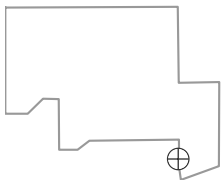
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

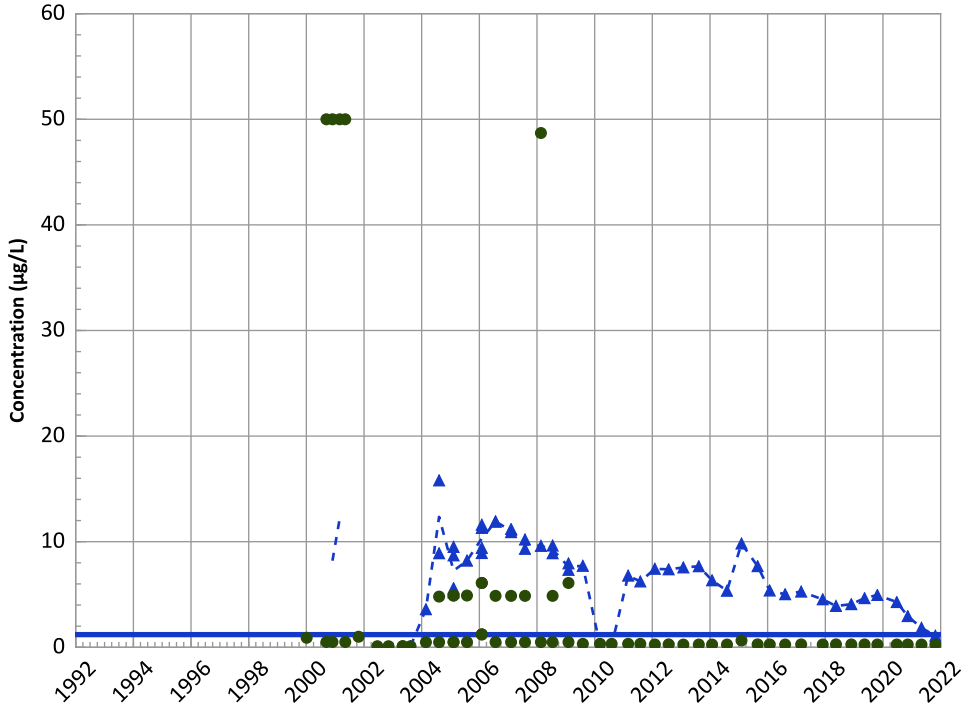
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

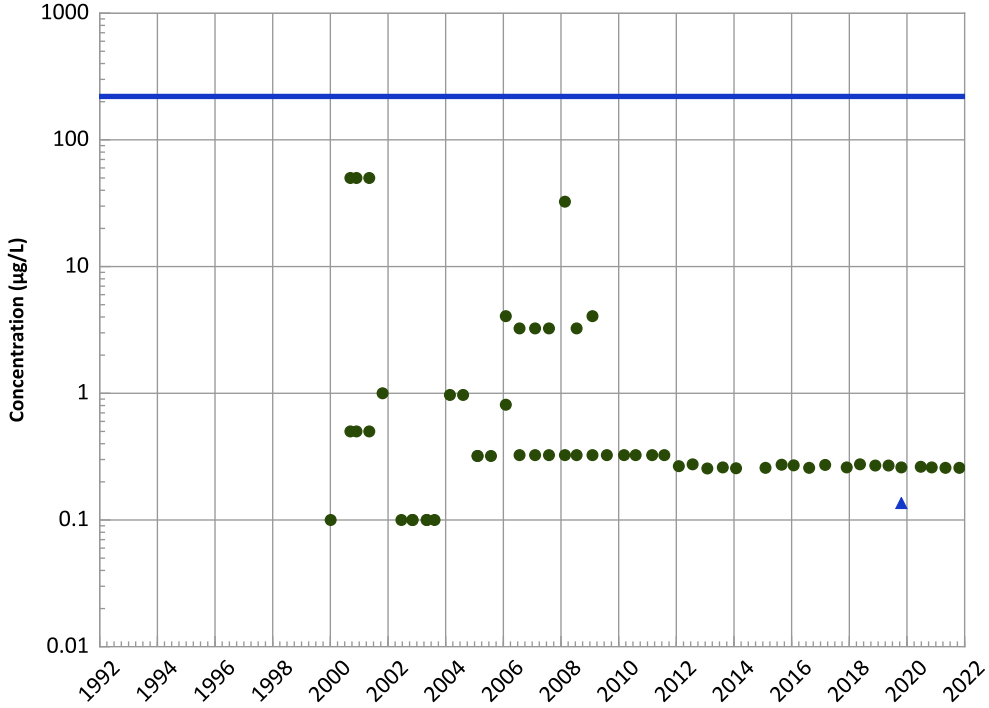


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

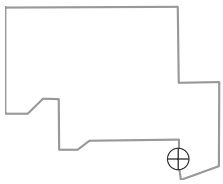
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

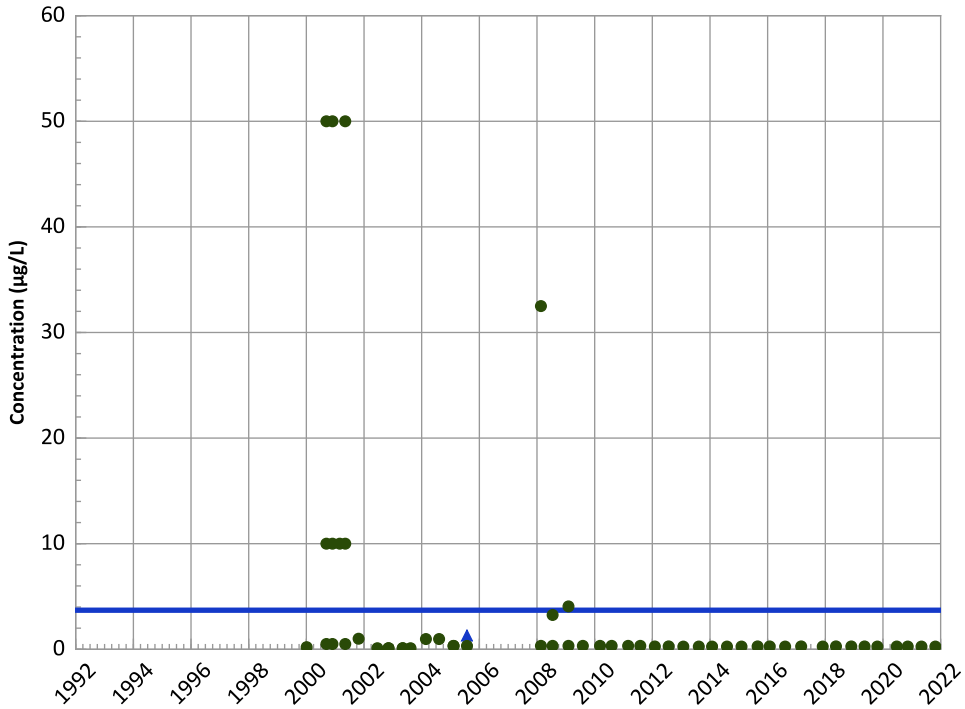
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

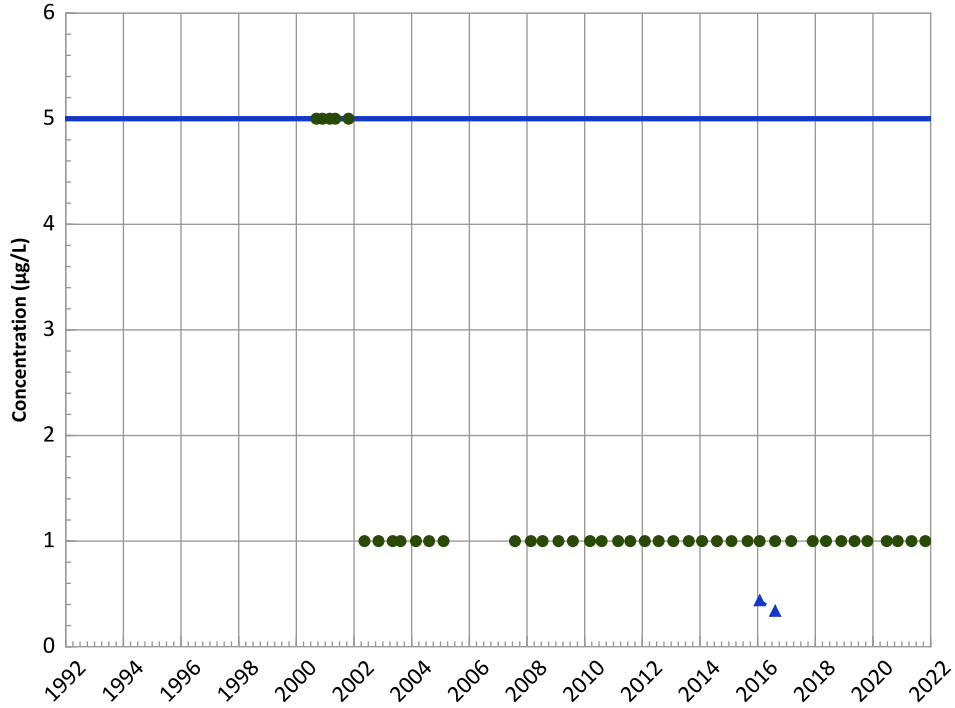


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

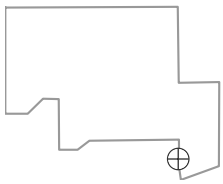
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

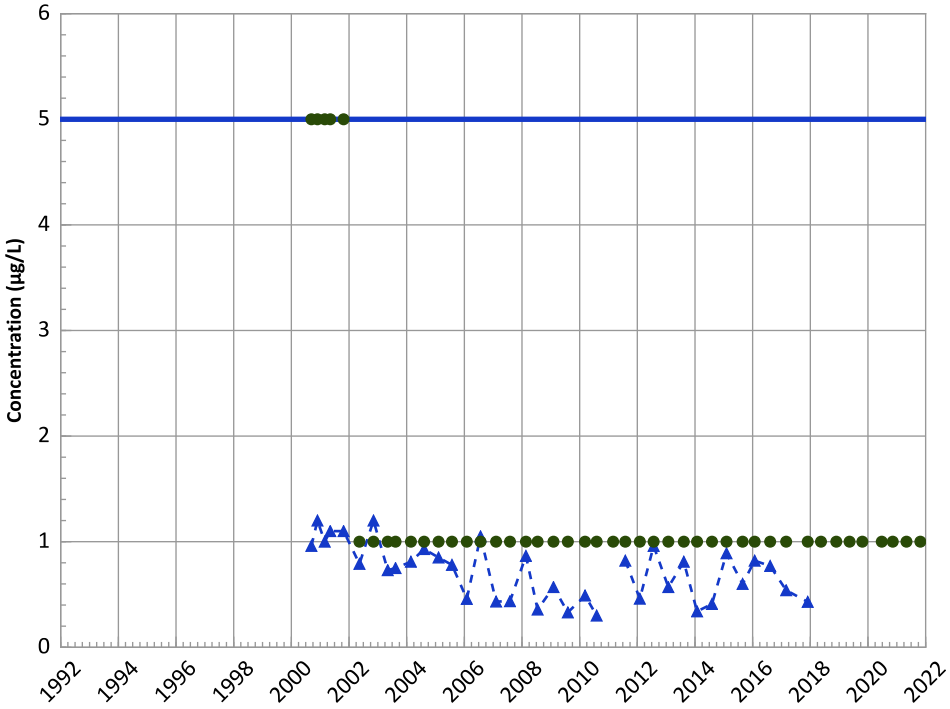
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

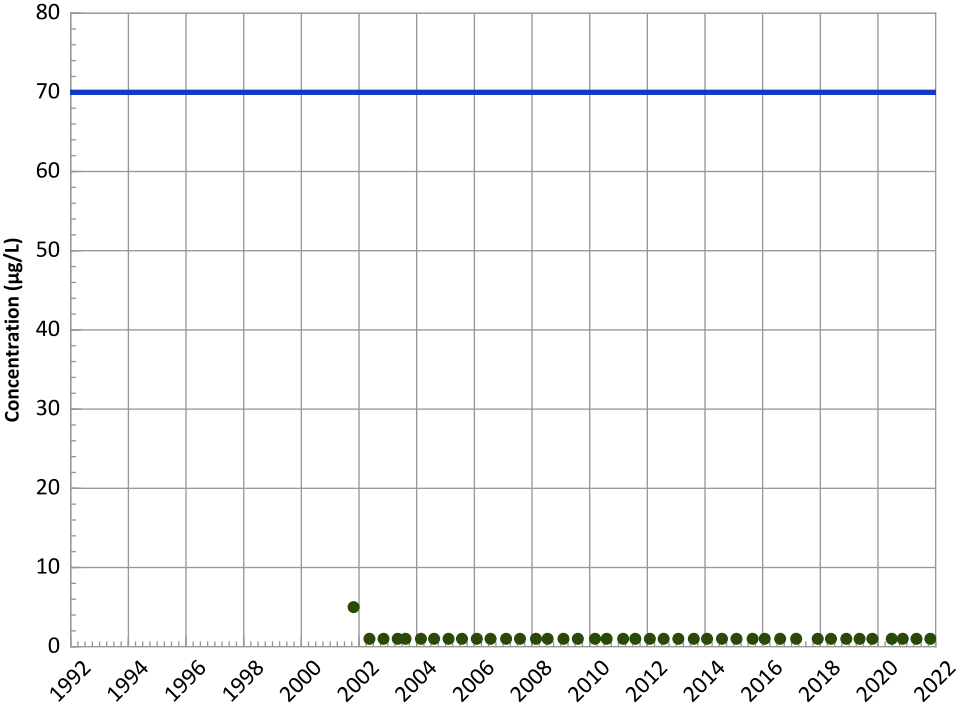


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

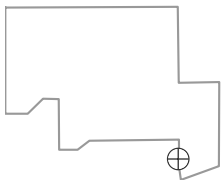
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

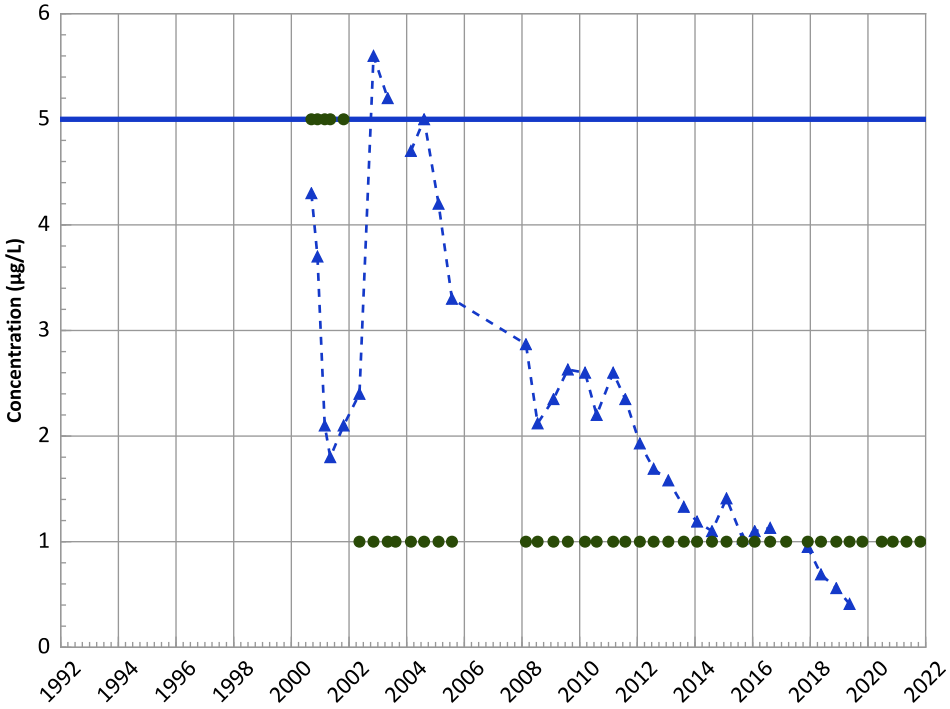
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

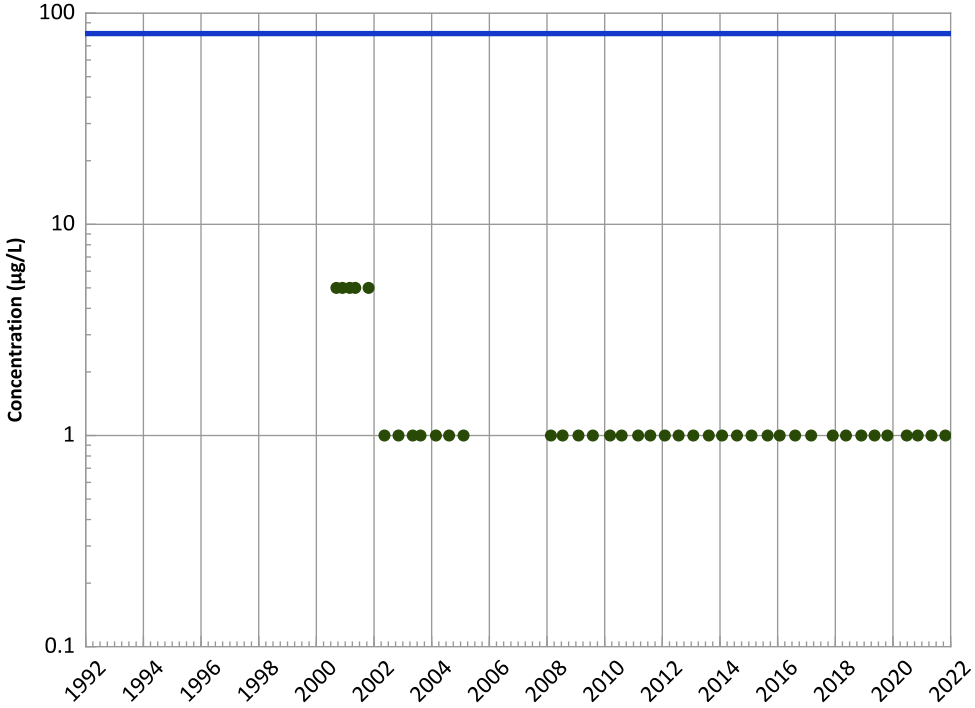


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

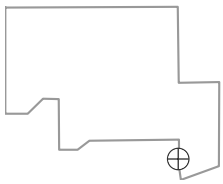
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

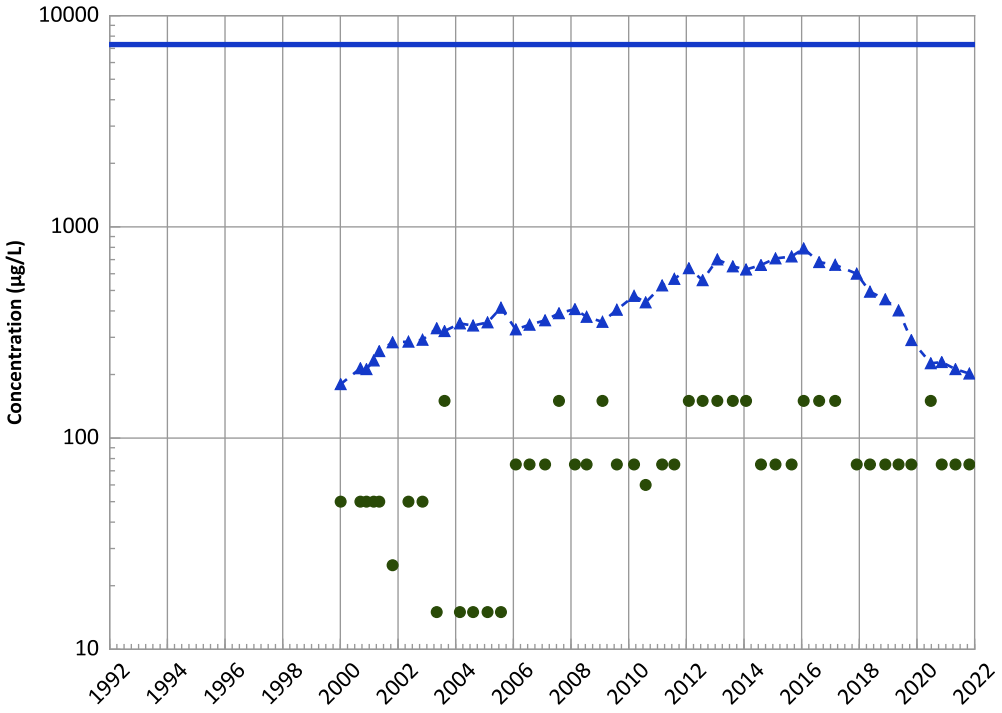
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

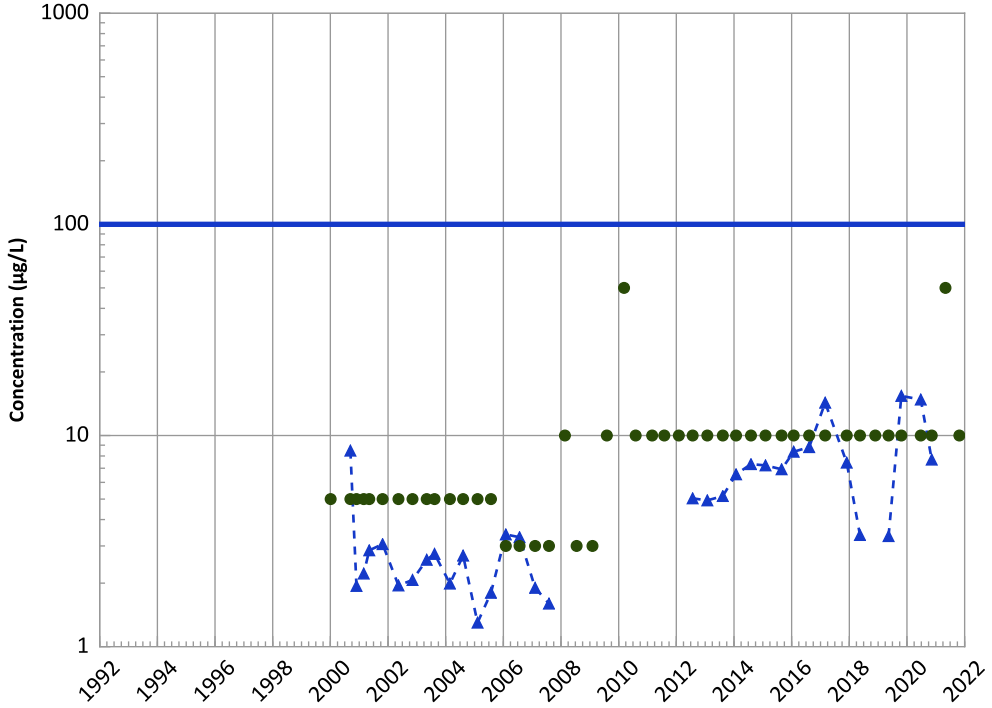


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

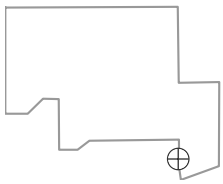
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

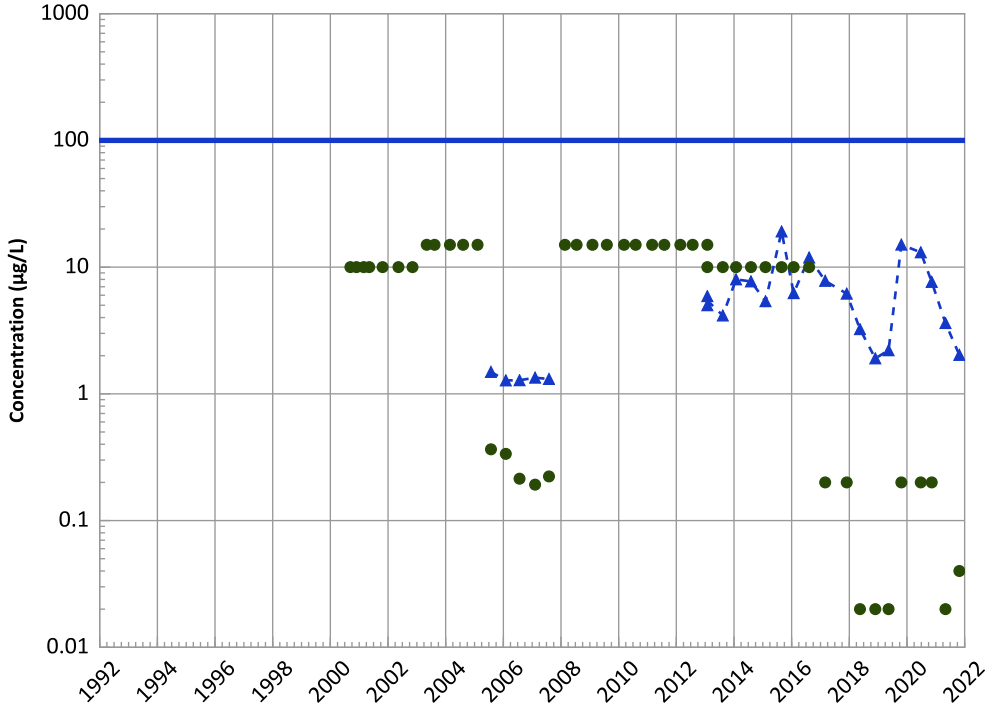
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

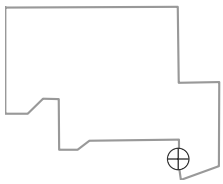
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

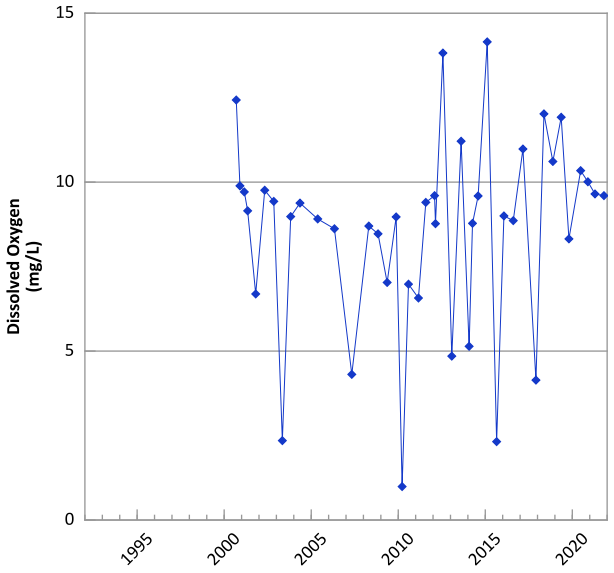
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/05/2000 to 10/26/2021
Analysis Date: 04/05/2022

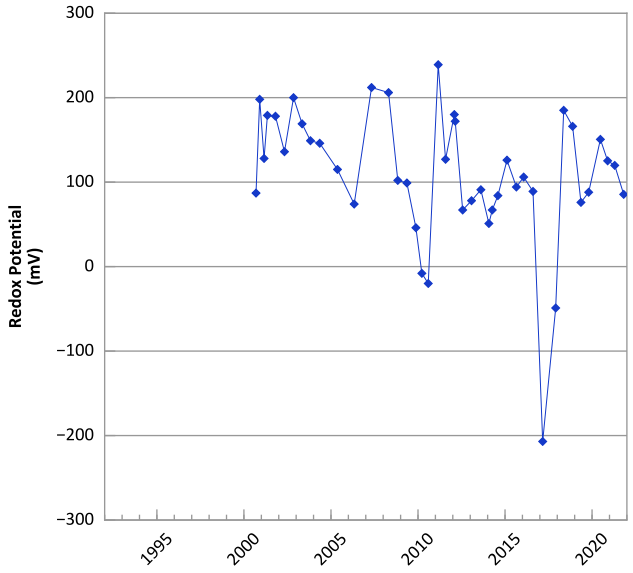
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

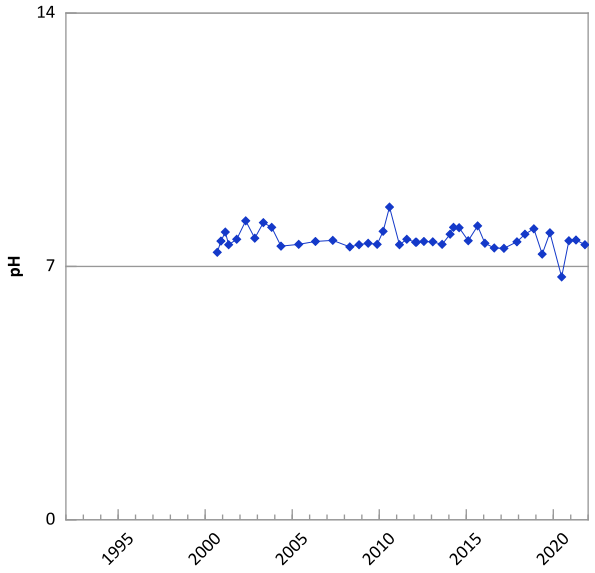
Well Location

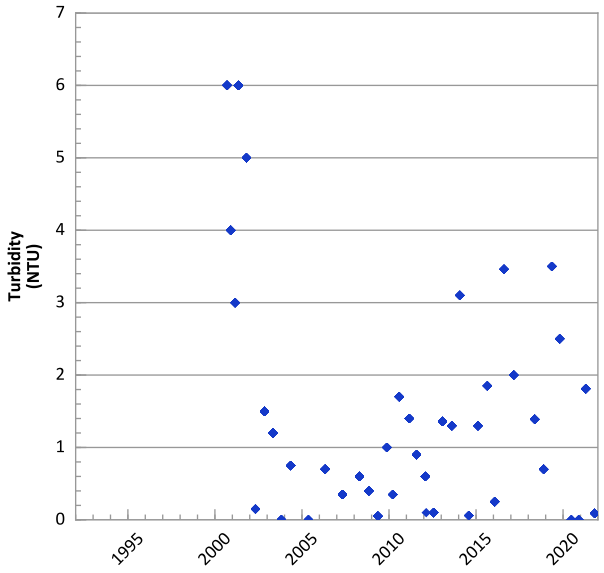


PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



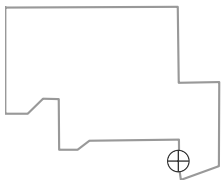






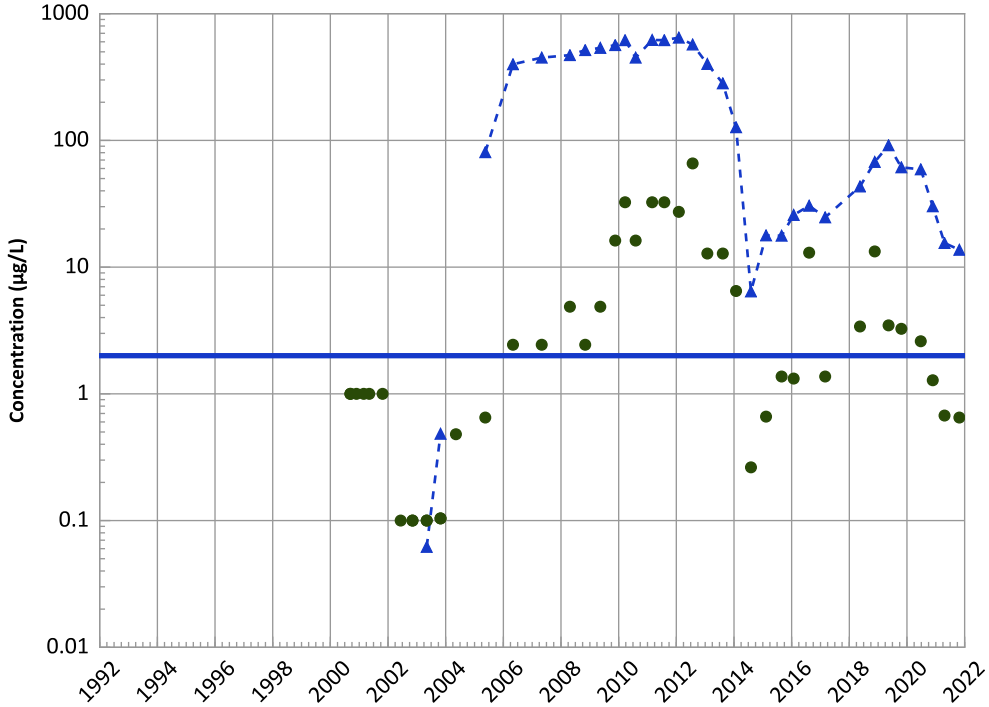
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

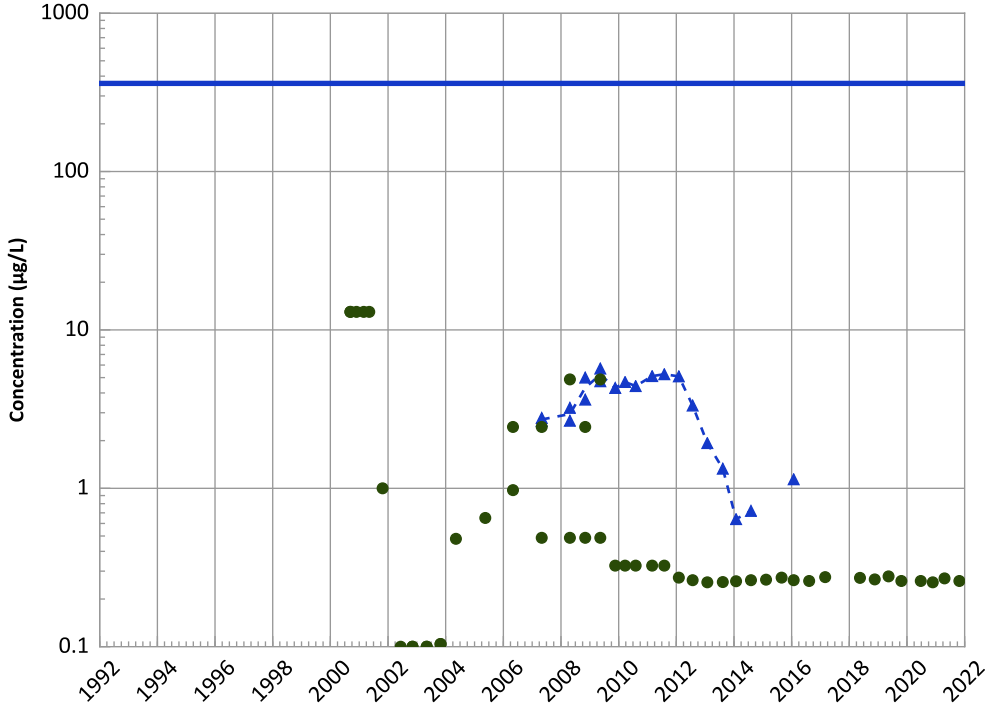


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

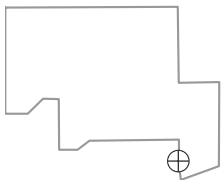
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

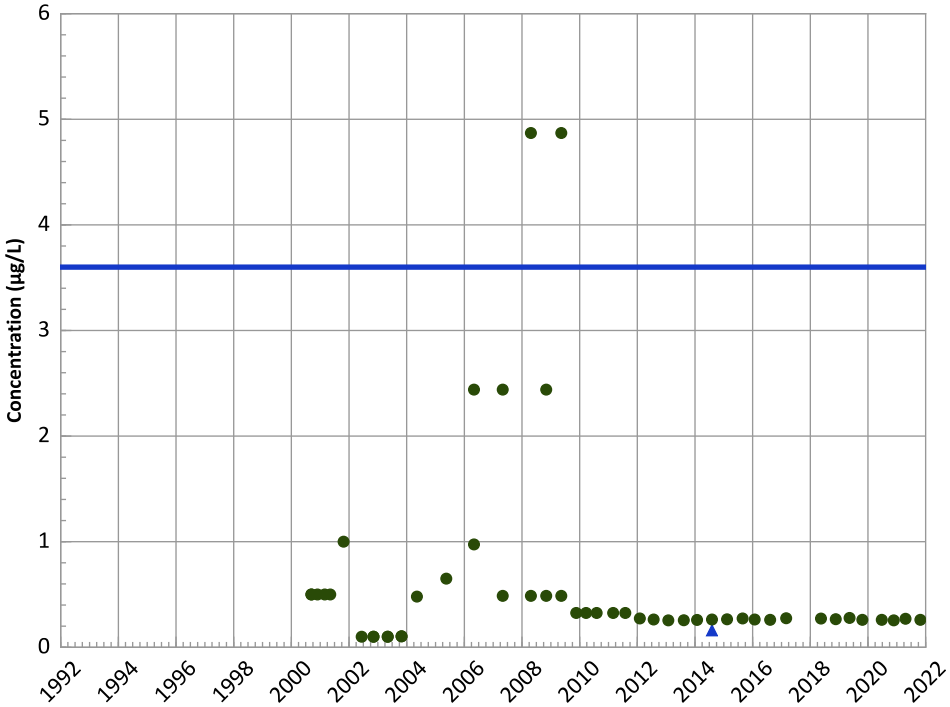
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

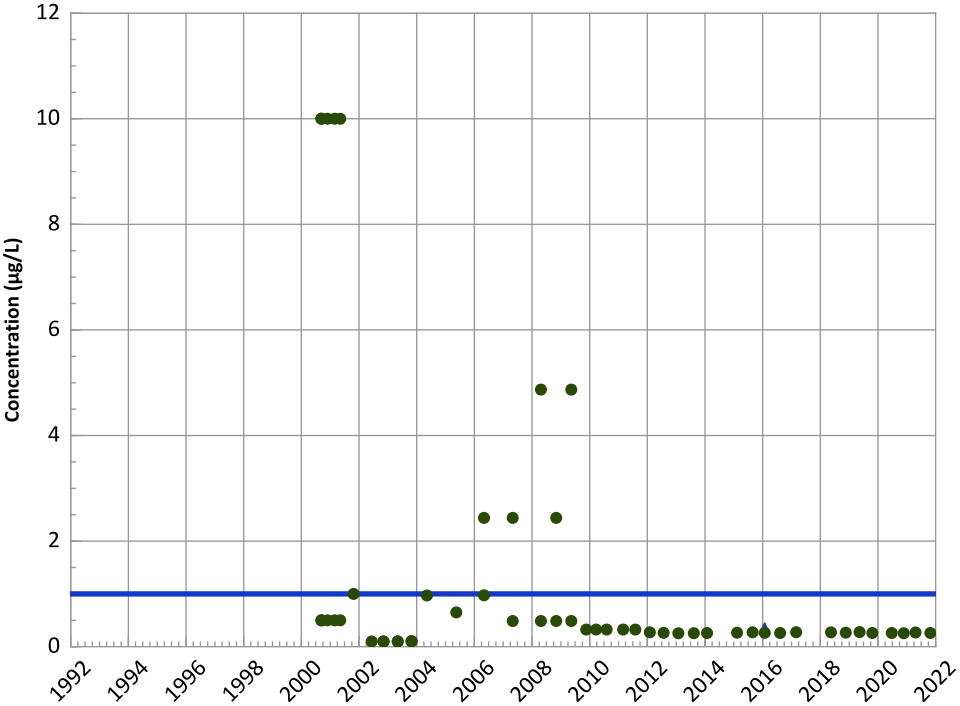


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

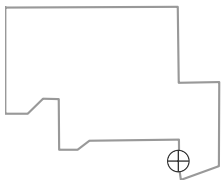
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

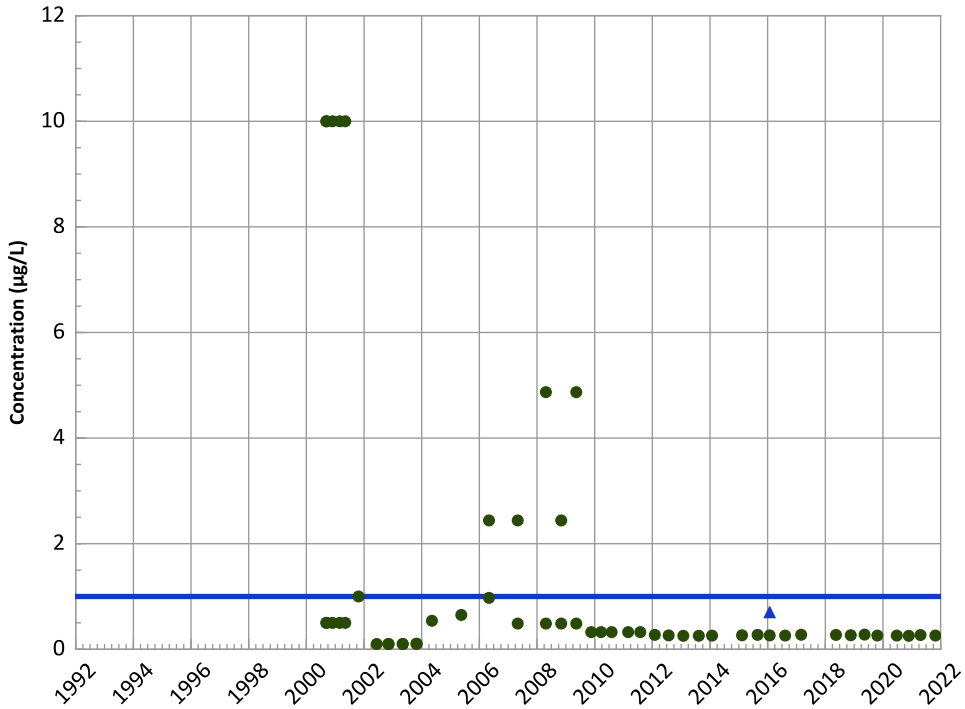
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

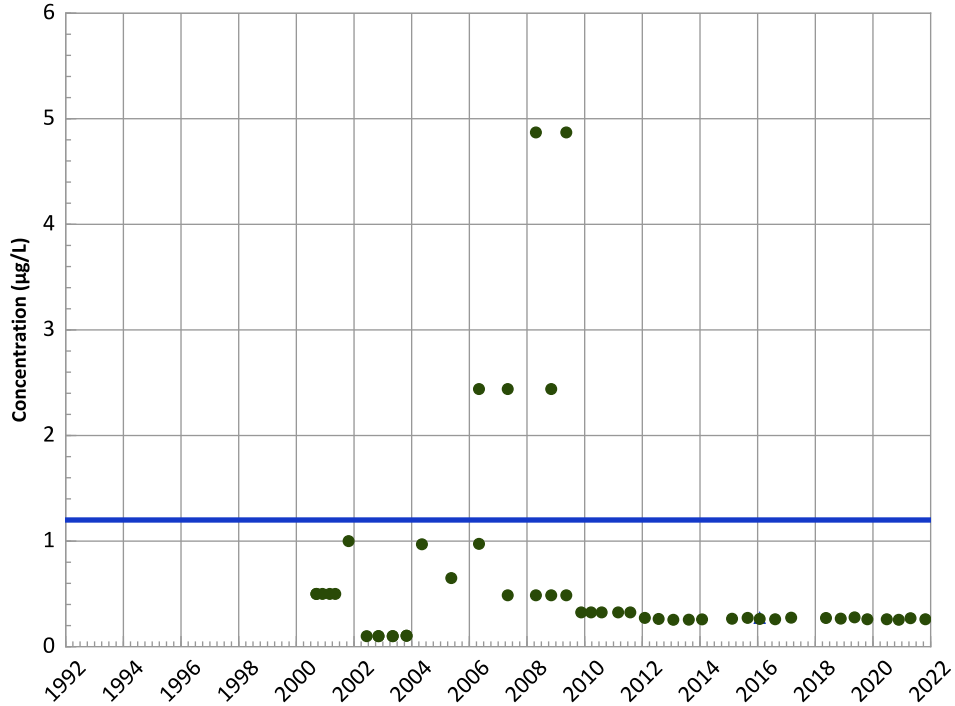


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

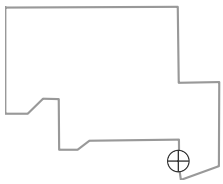
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

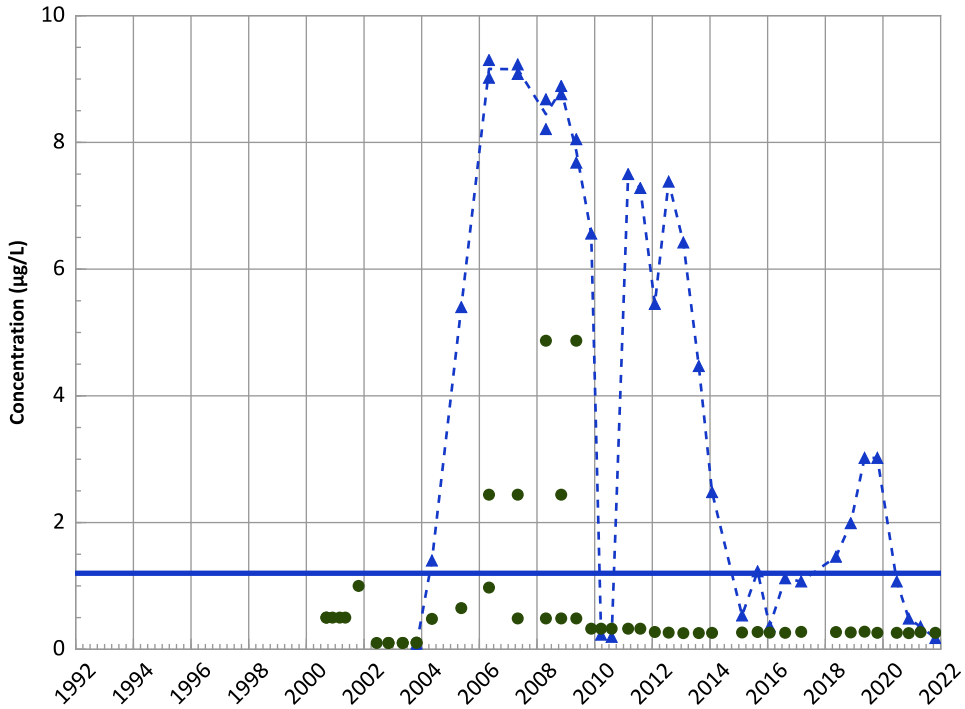
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

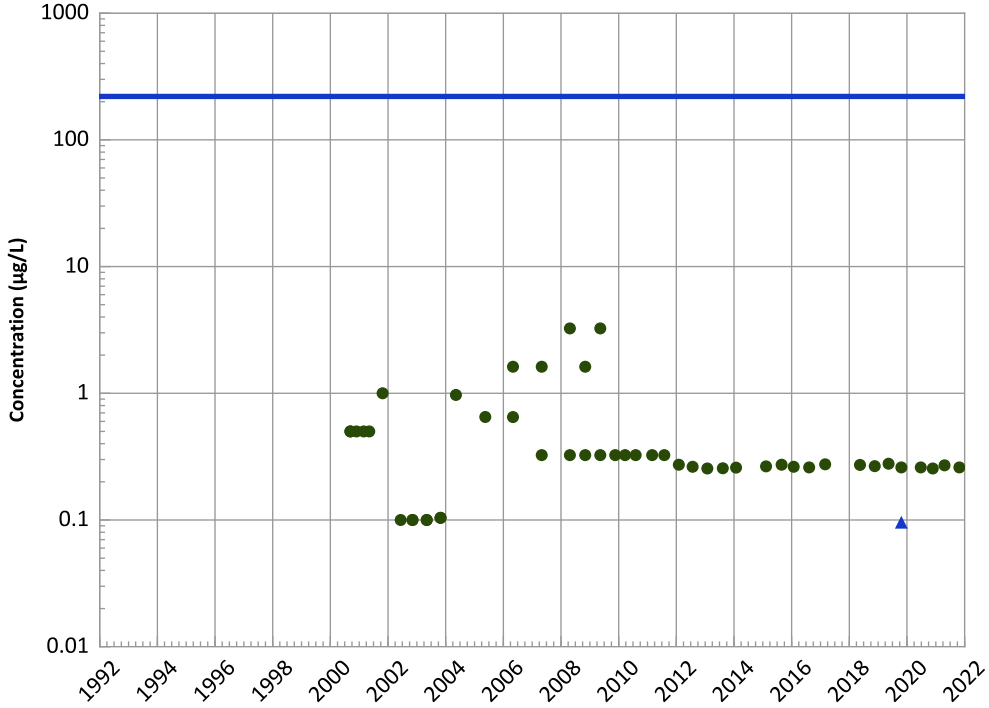


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

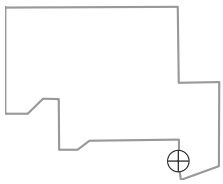
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

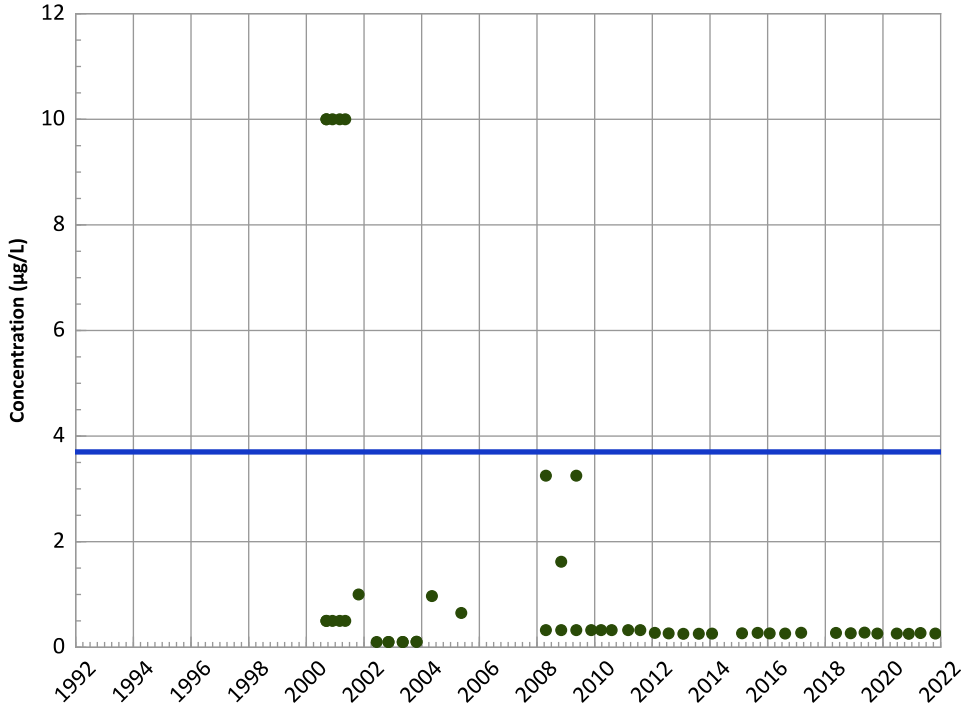
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

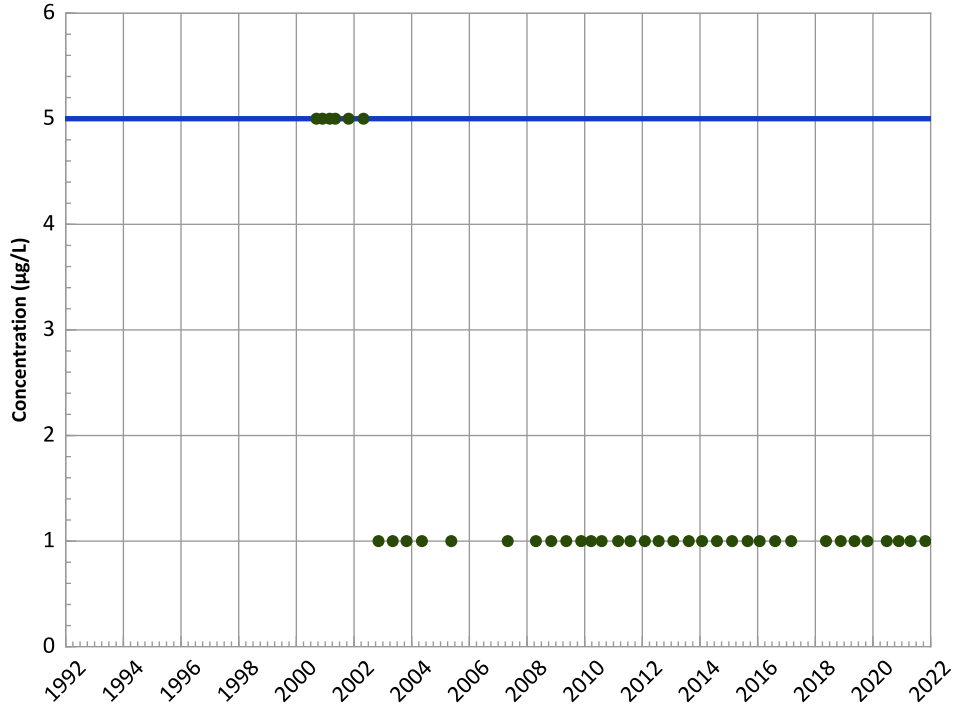


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

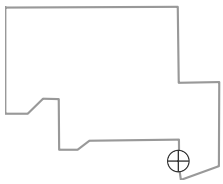
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

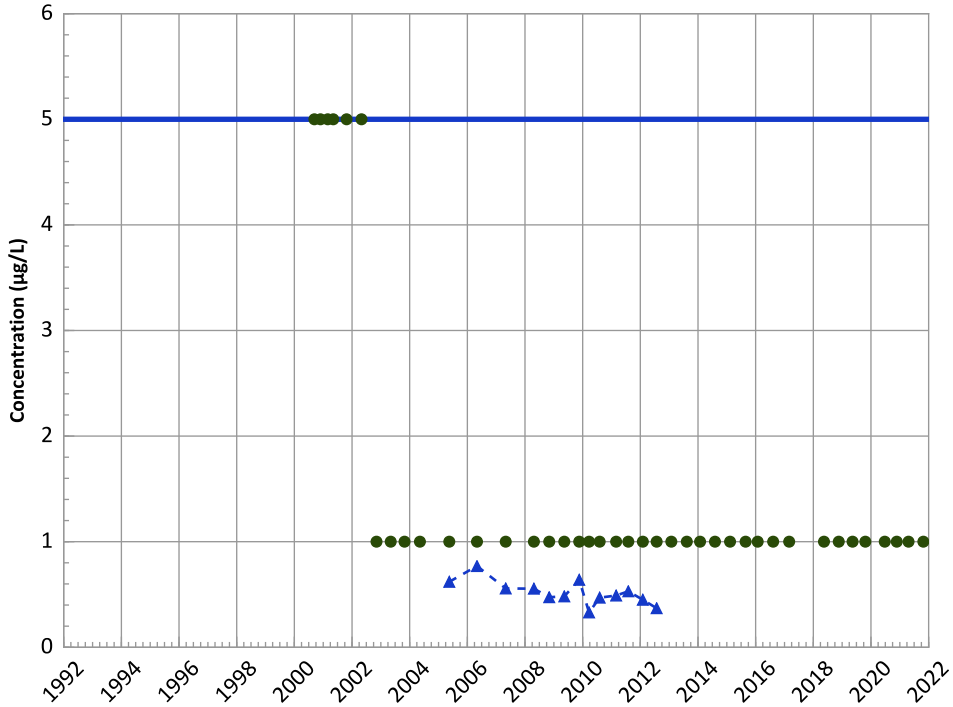
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

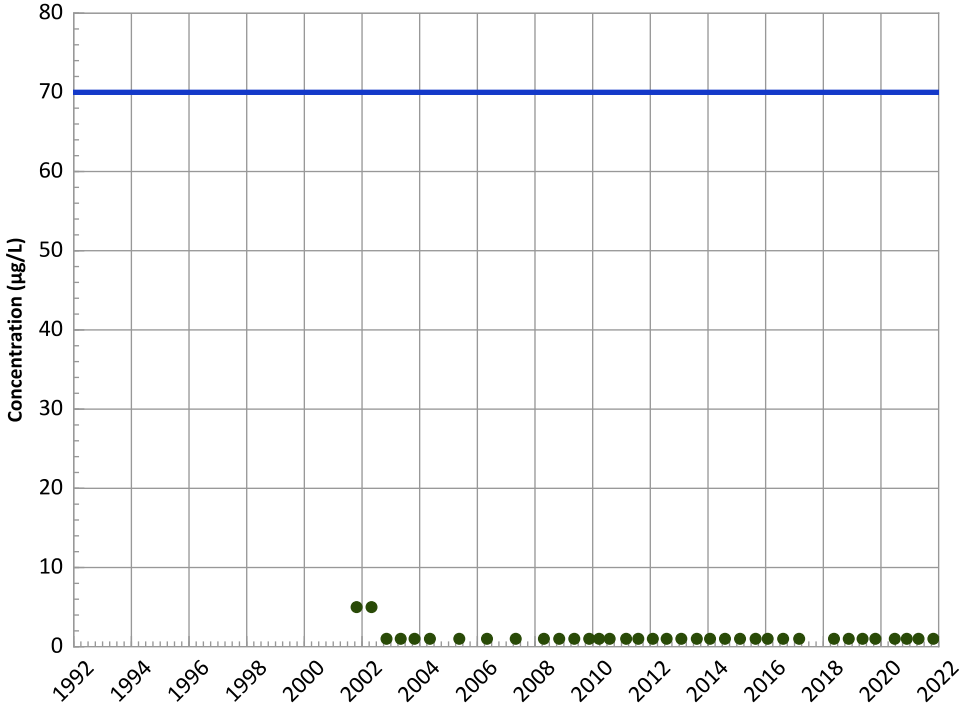


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

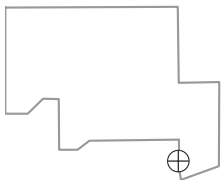
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

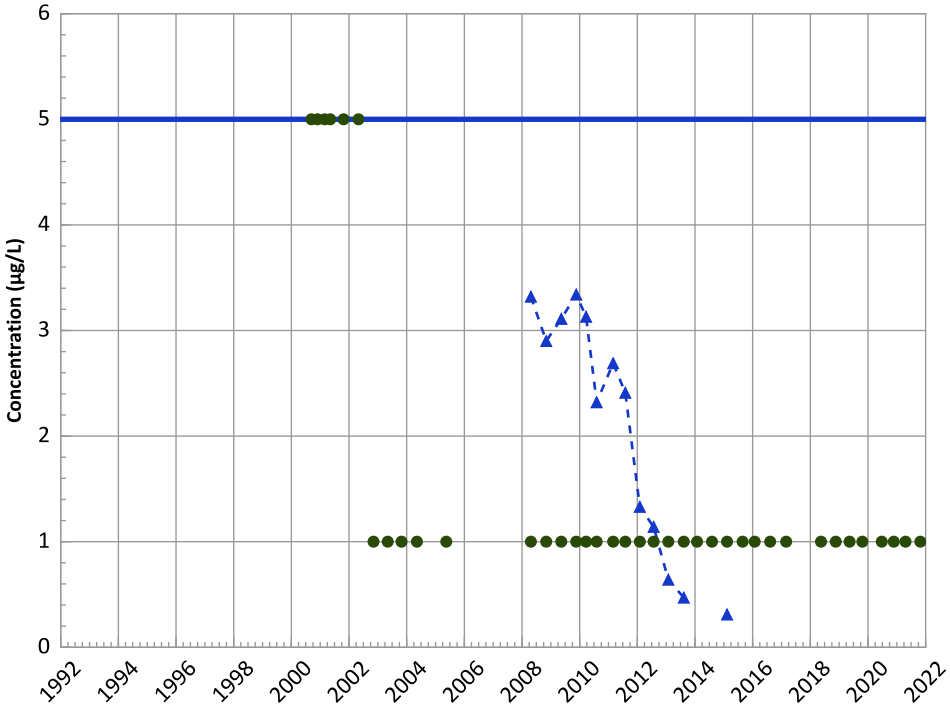
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

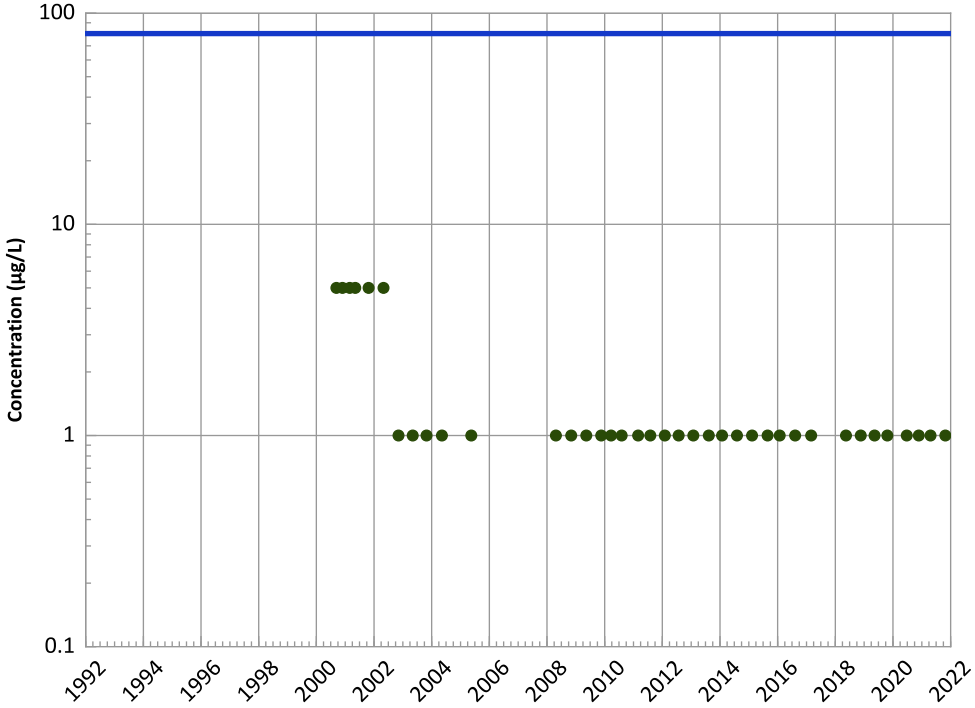


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chloroform Trend



Concentration Trend

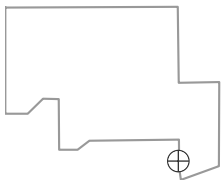
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

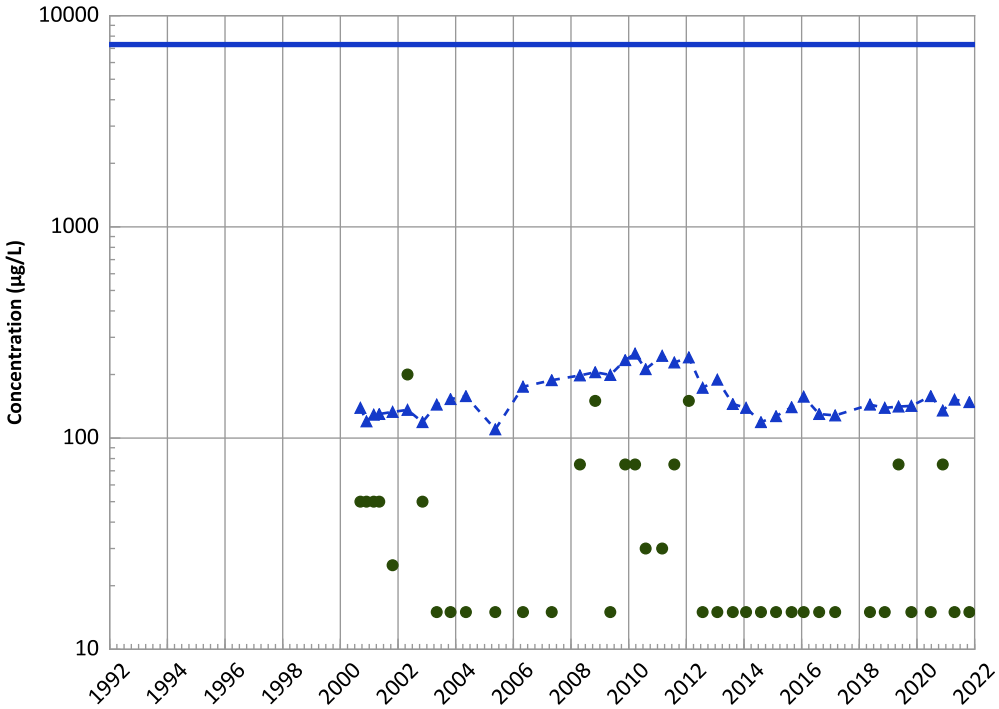
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

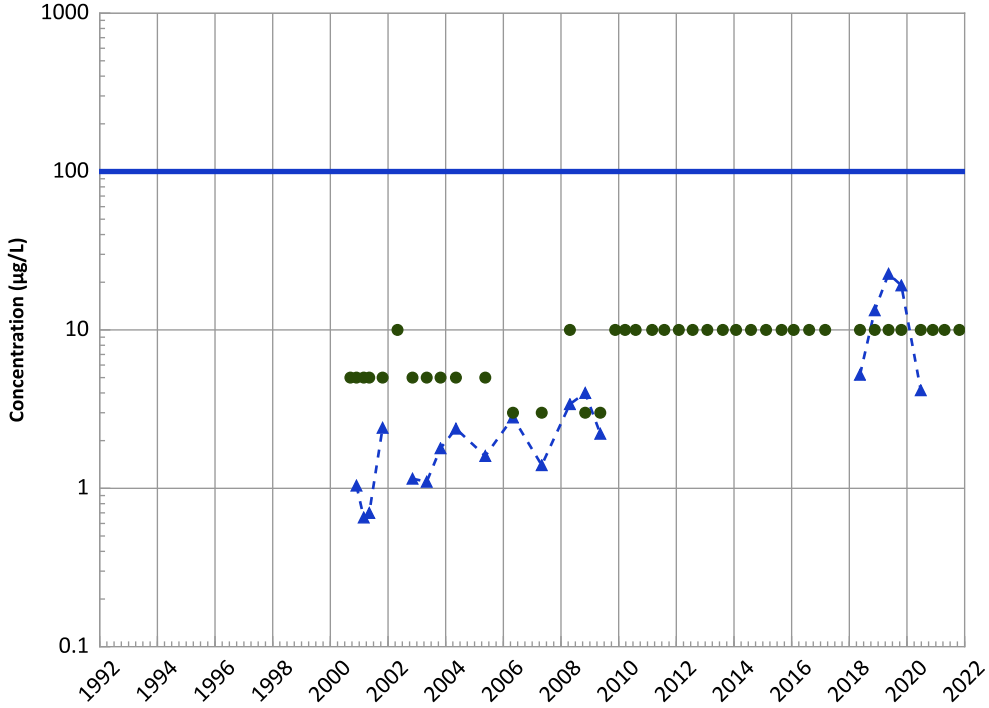


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

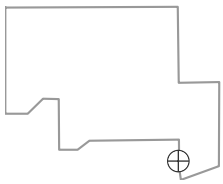
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

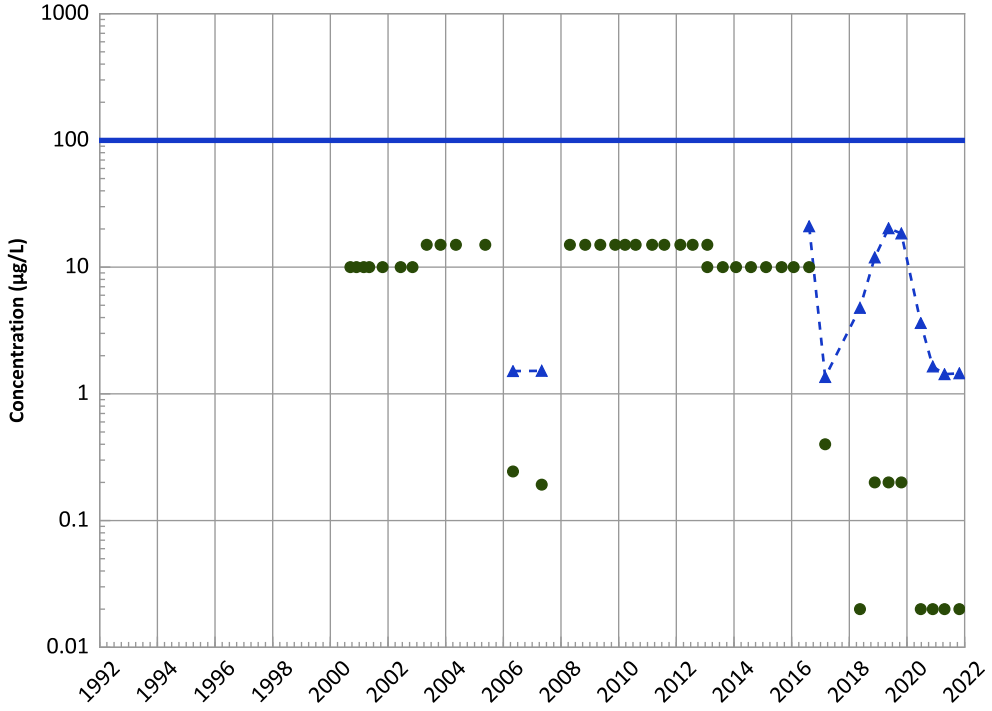
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1047A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

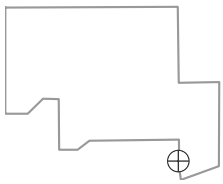
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

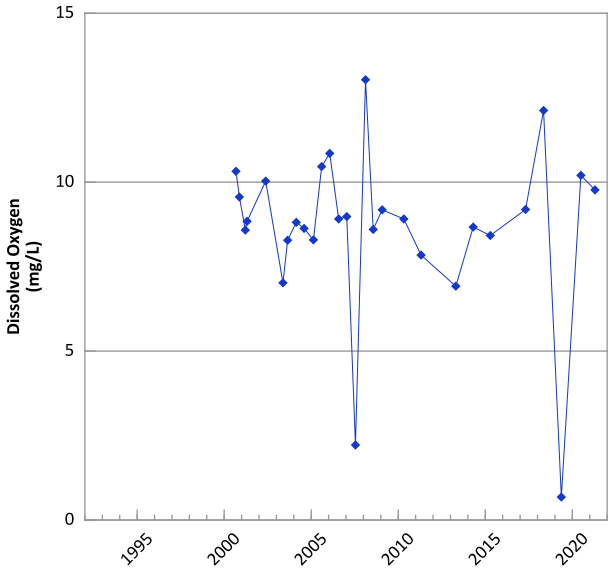
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/11/2000 to 10/26/2021
Analysis Date: 04/05/2022

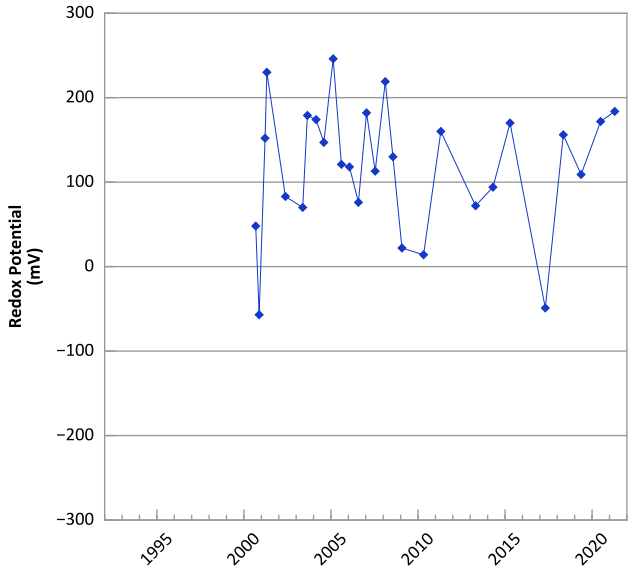
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

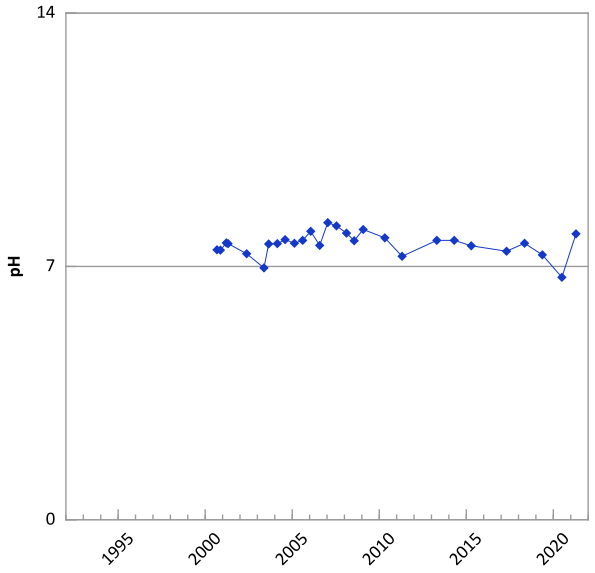
Well Location

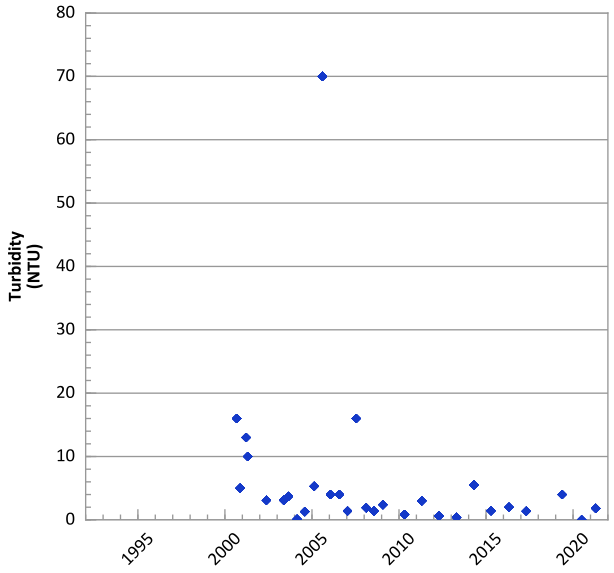


PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



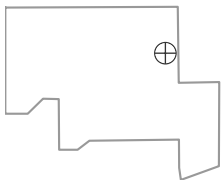






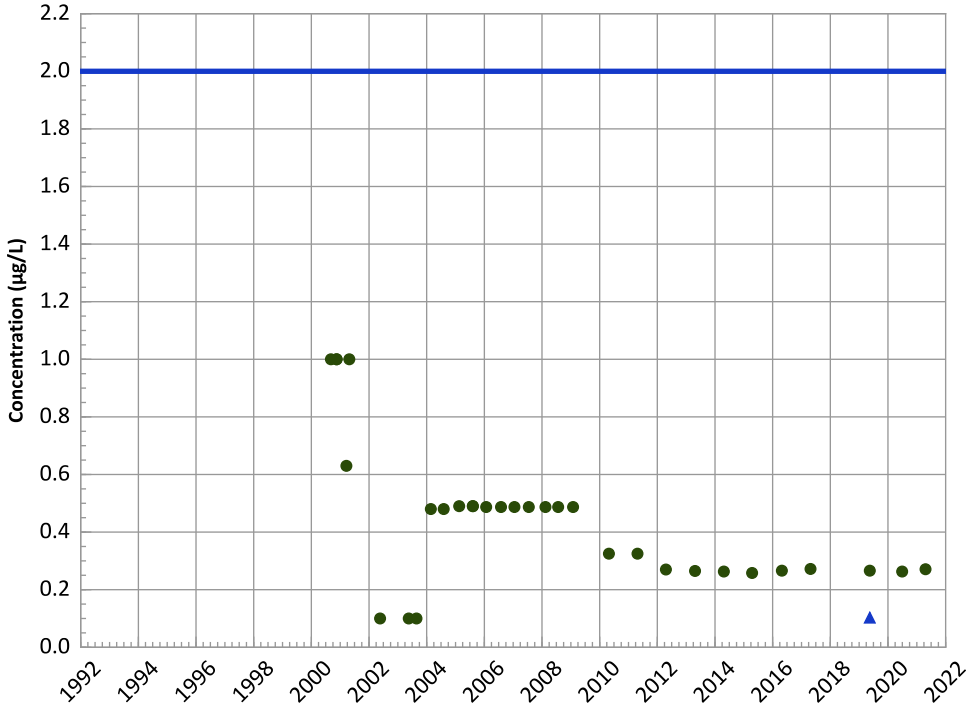
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

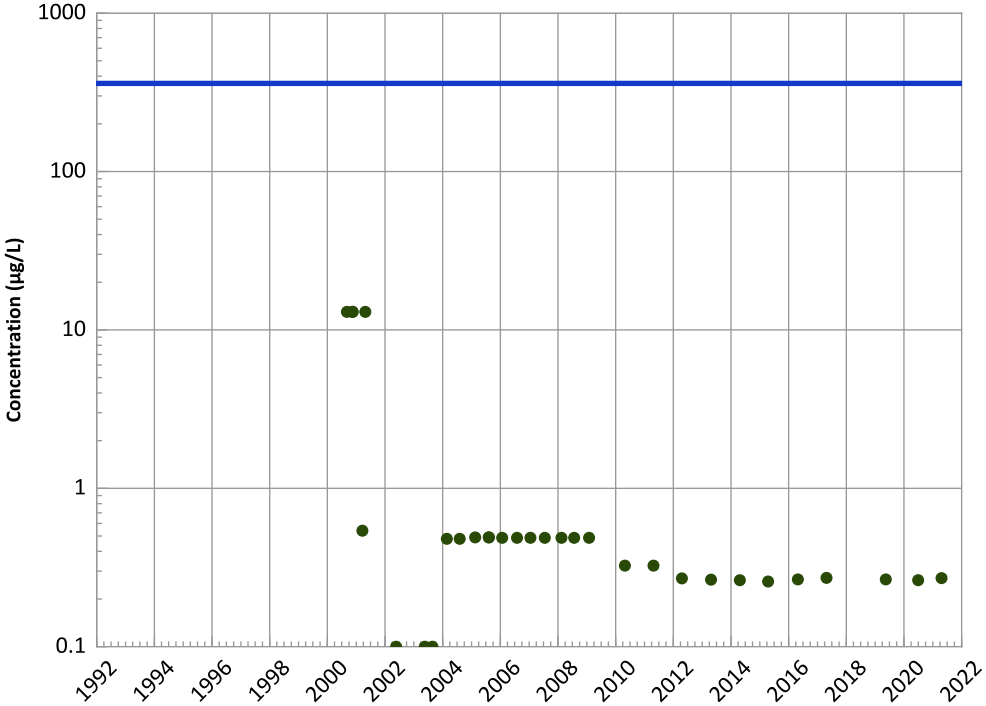


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

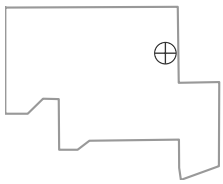
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

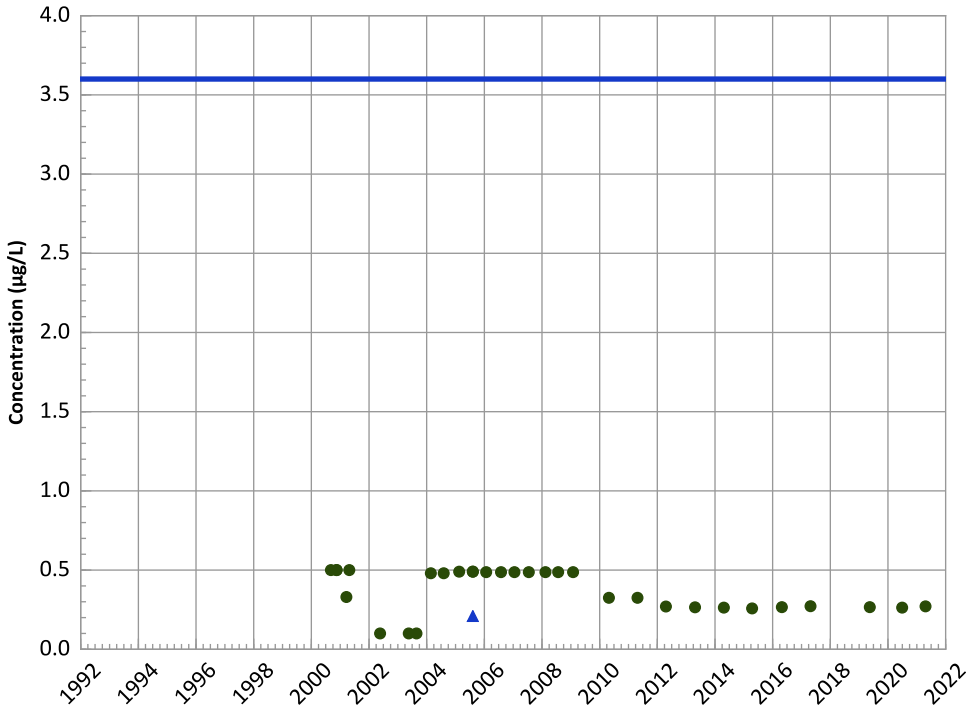
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

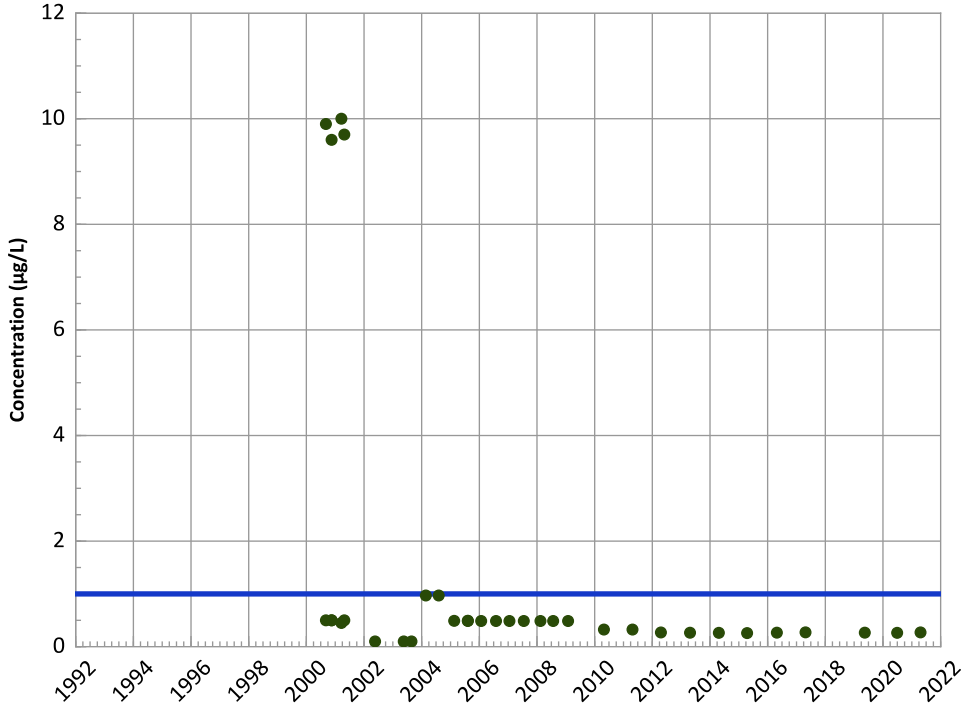


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

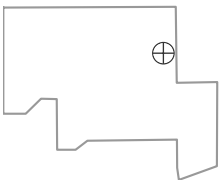
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

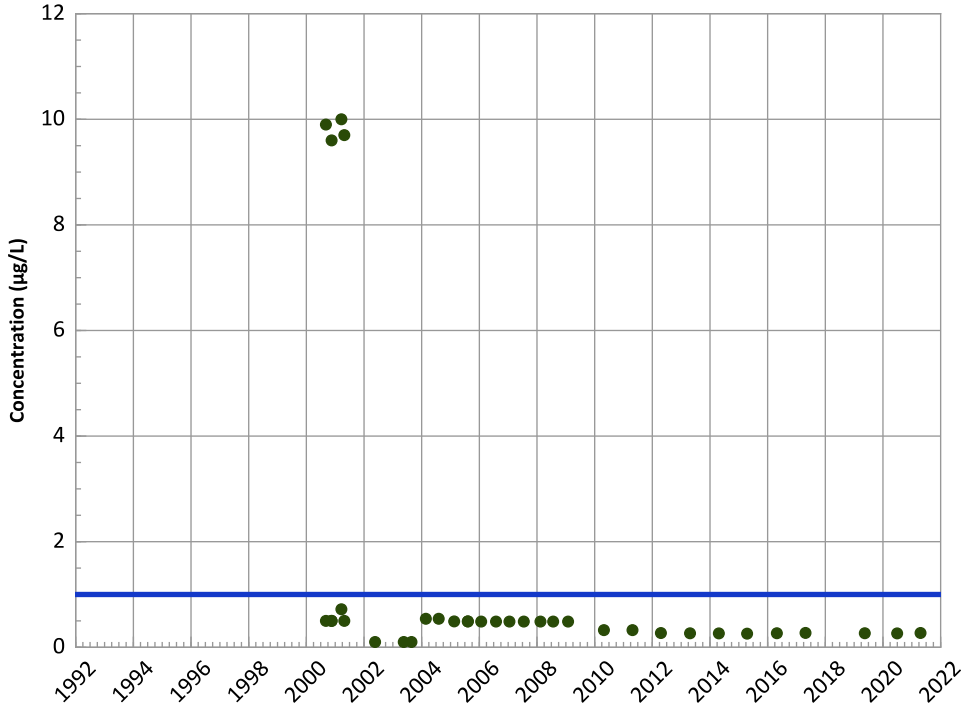
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

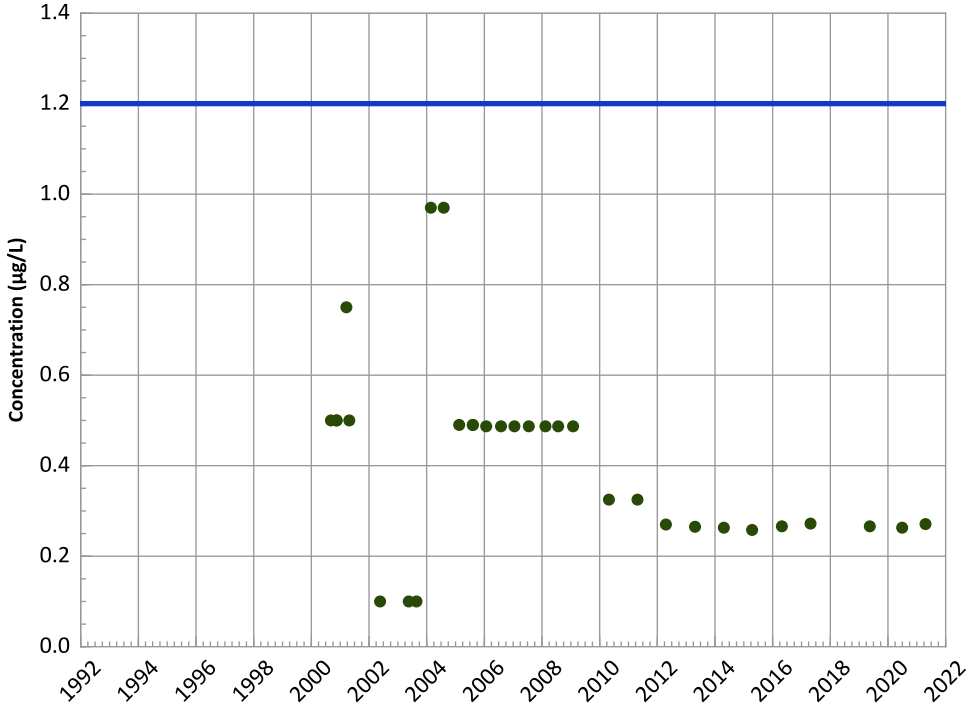


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

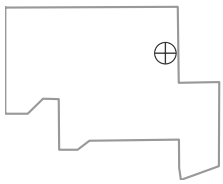
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

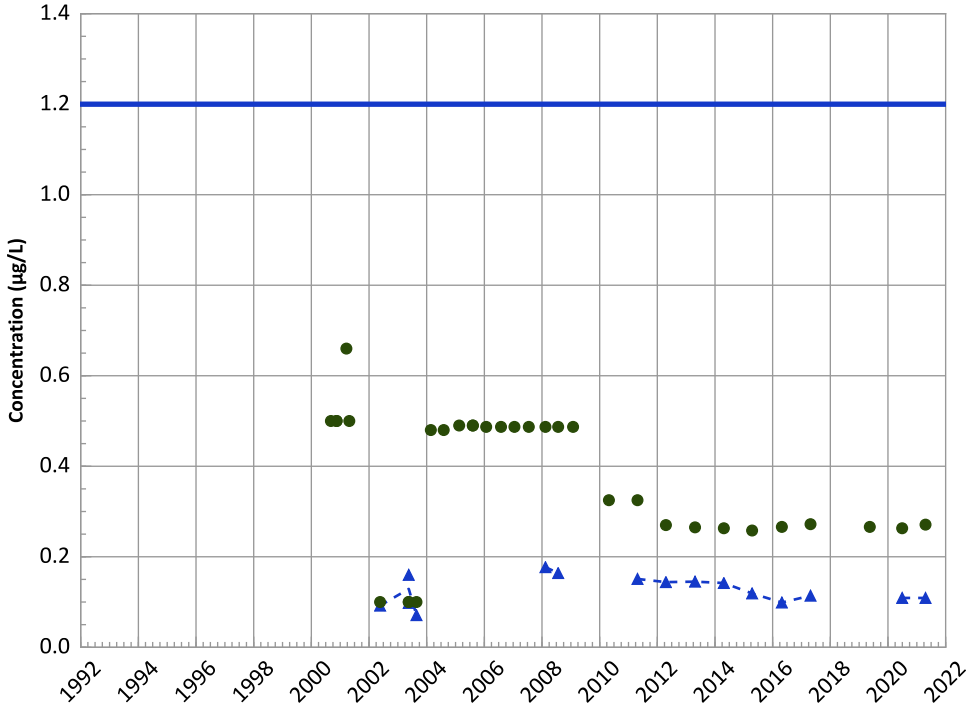
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

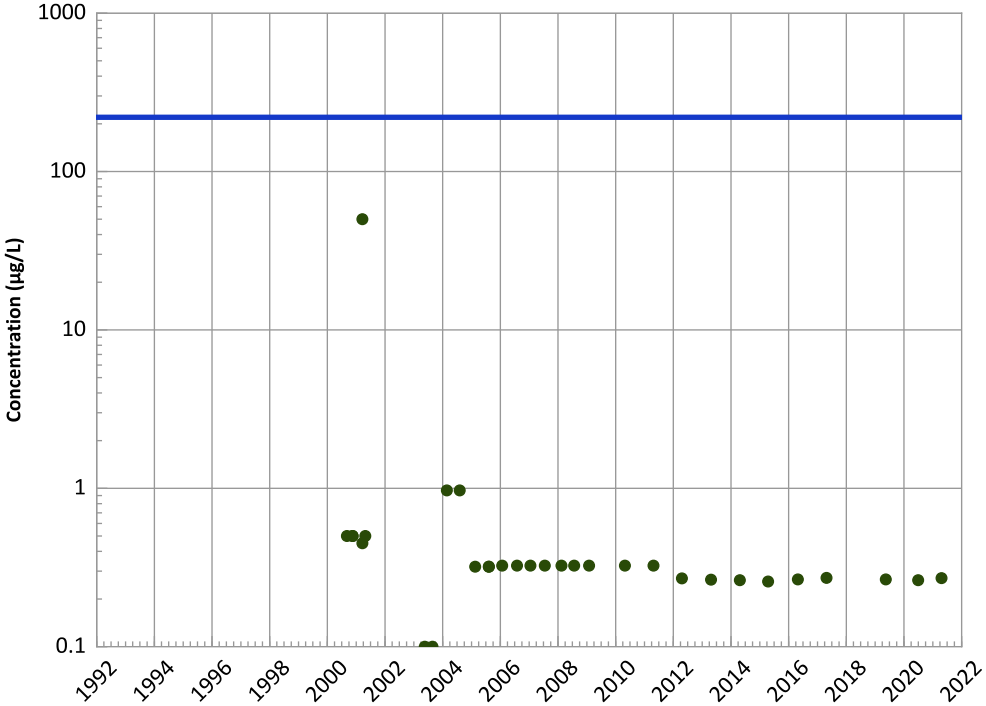


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

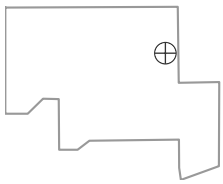
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

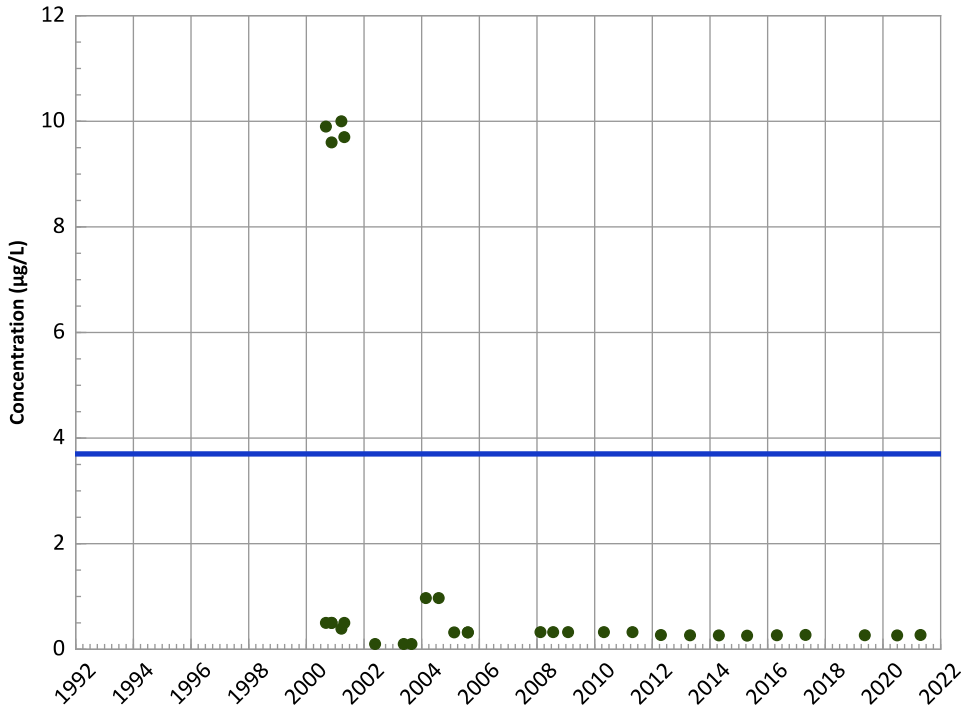
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

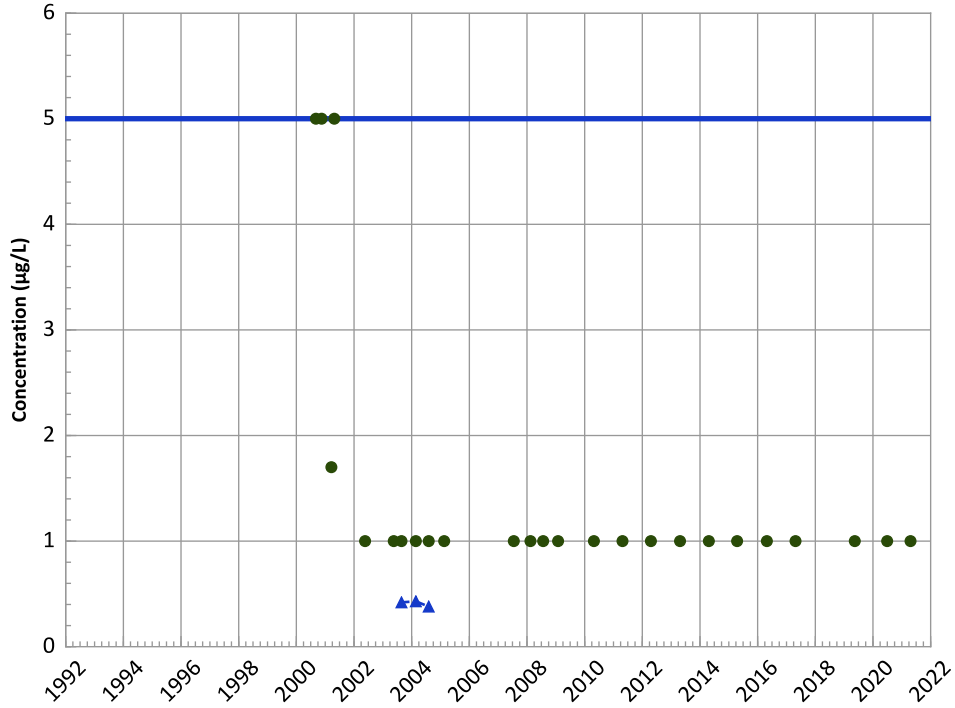


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

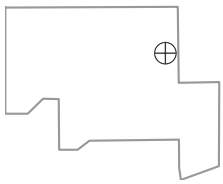
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

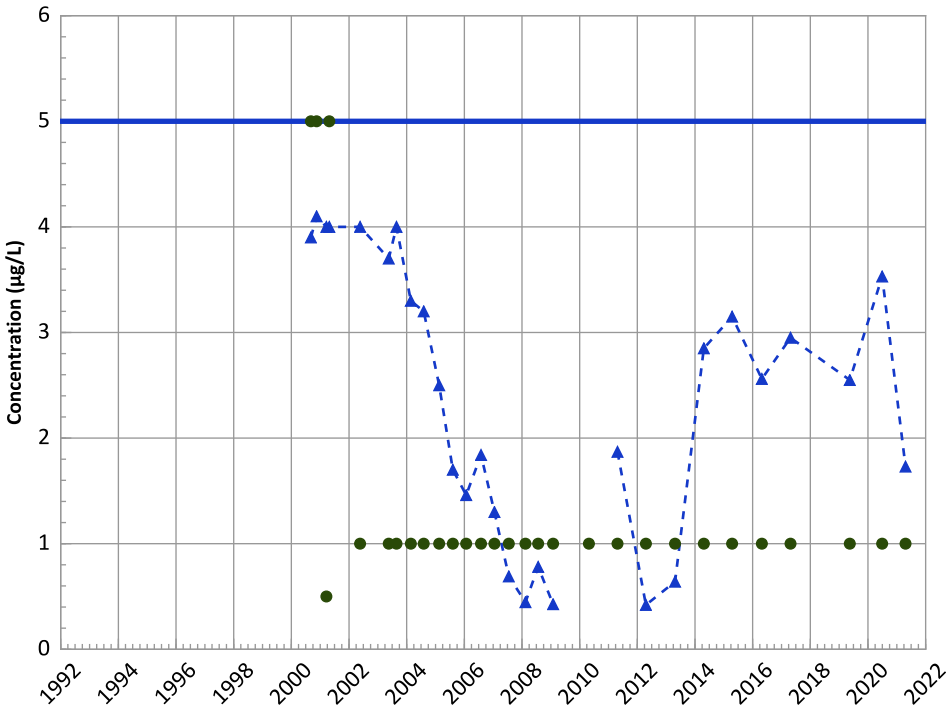
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

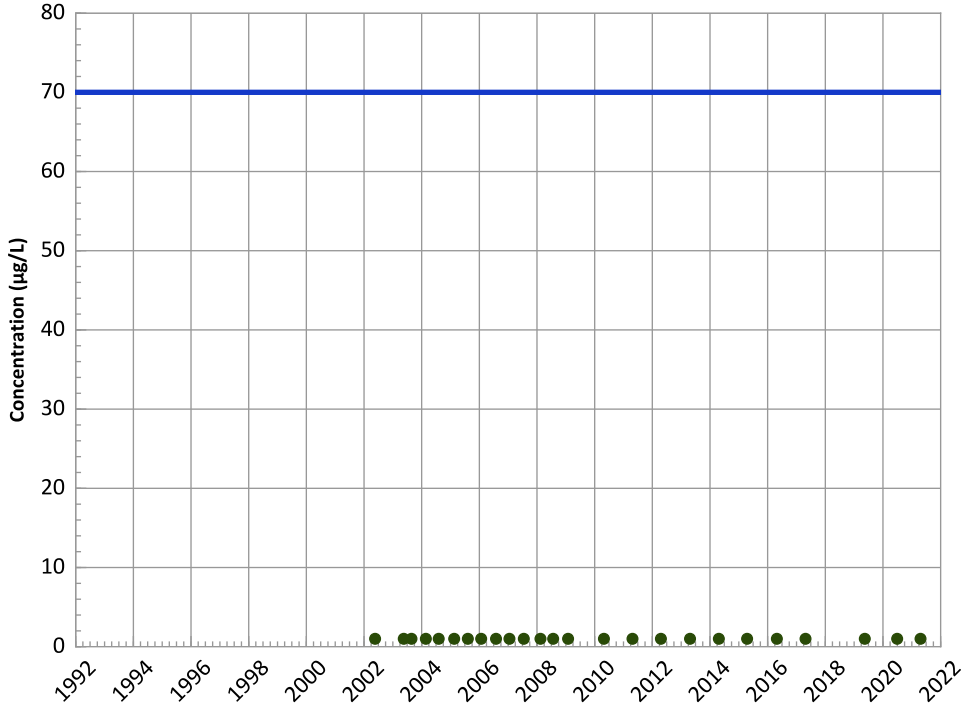


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

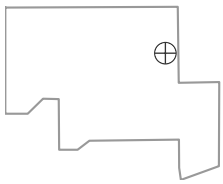
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

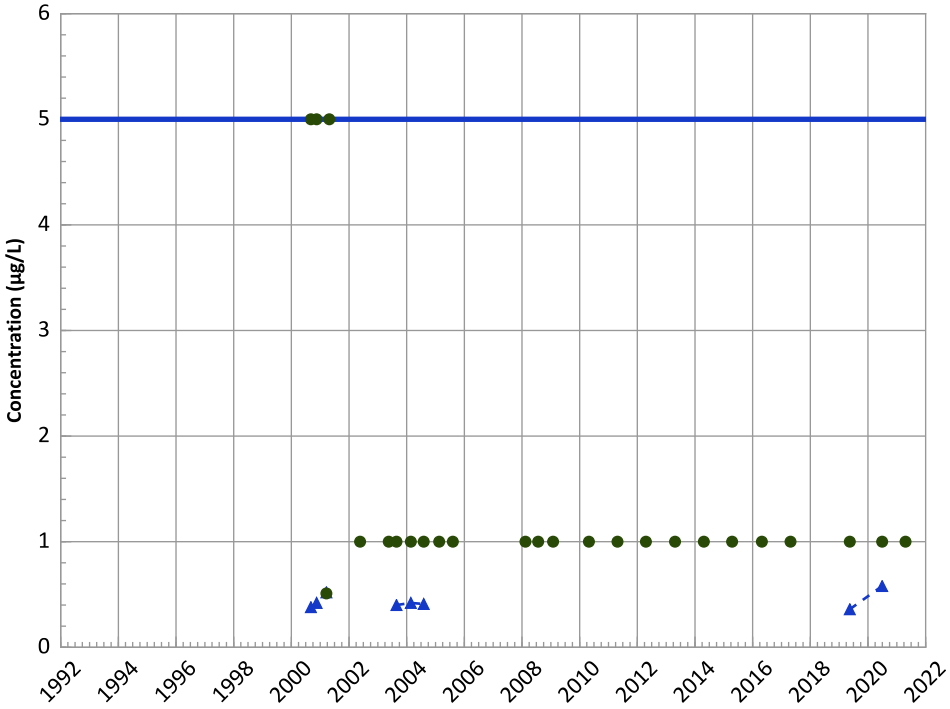
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

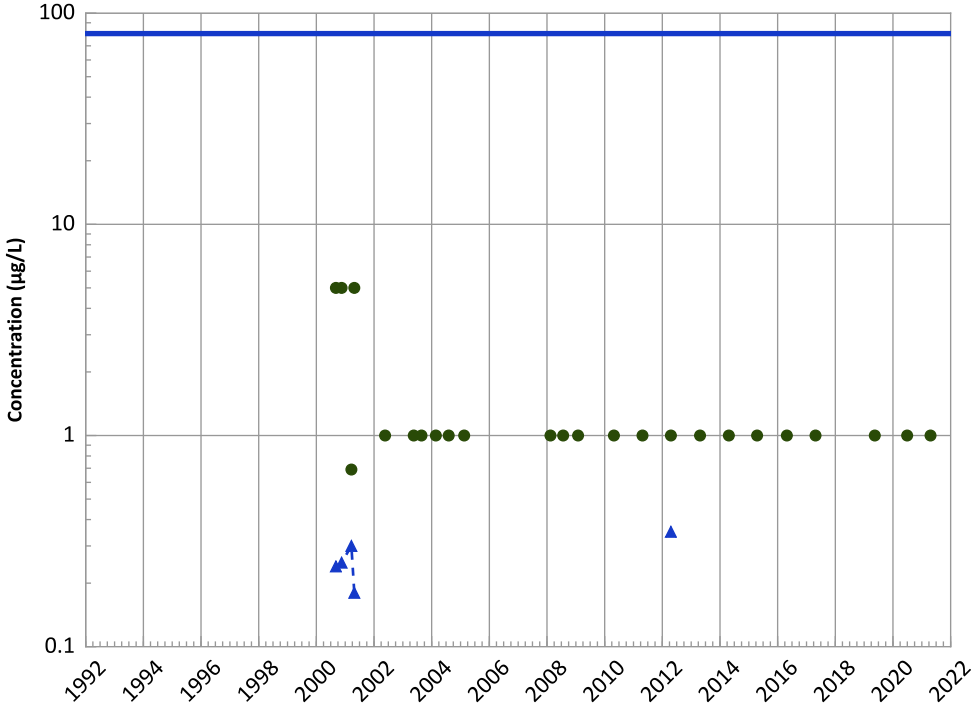


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chloroform Trend



Concentration Trend

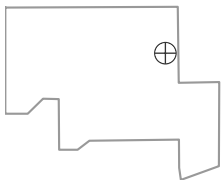
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

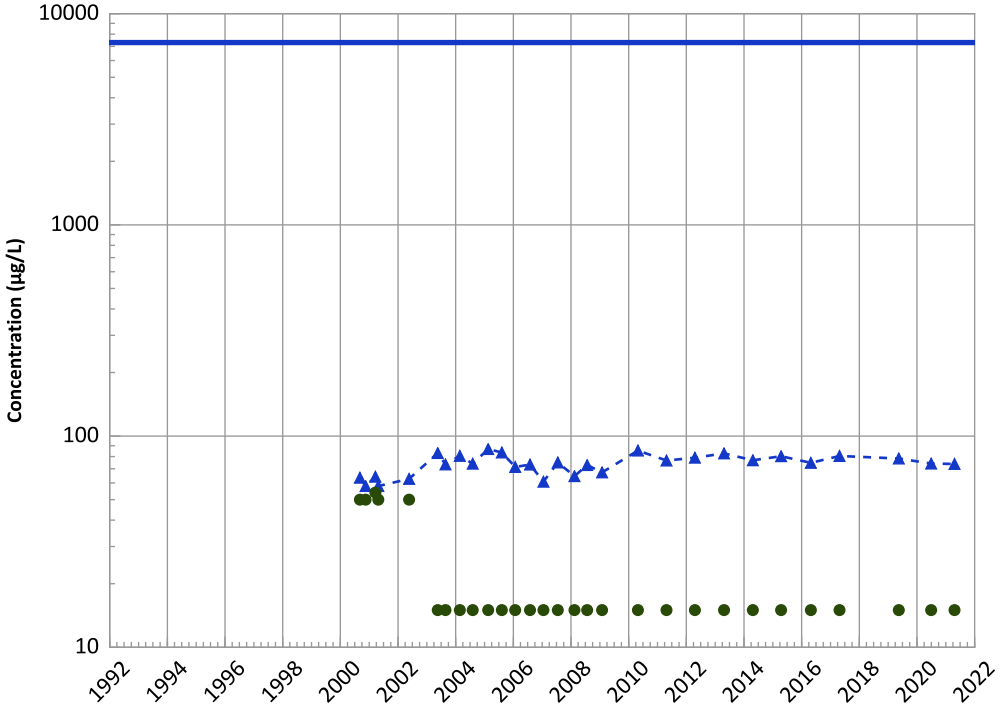
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1048A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

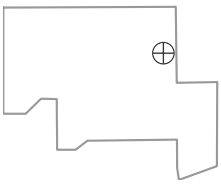
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

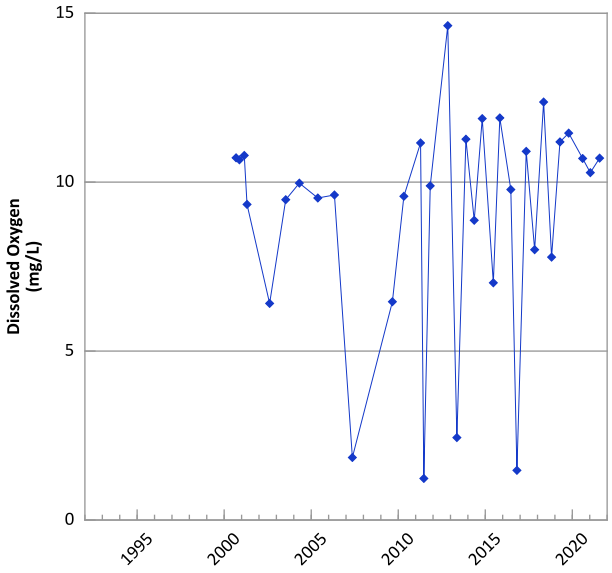
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 04/21/2021
Analysis Date: 04/05/2022

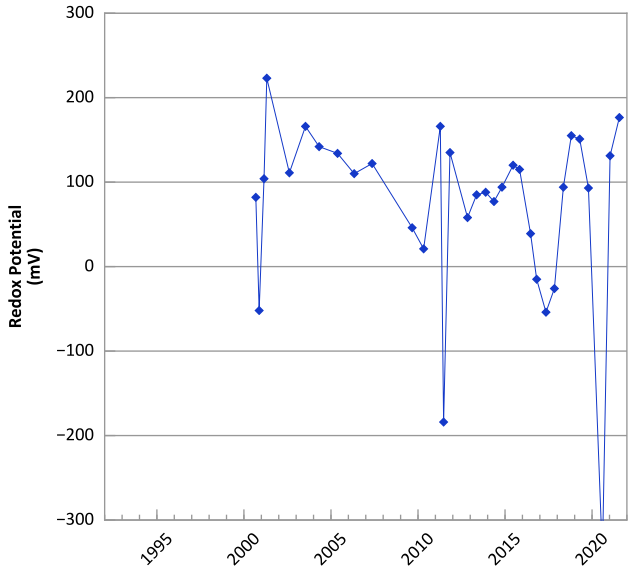
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

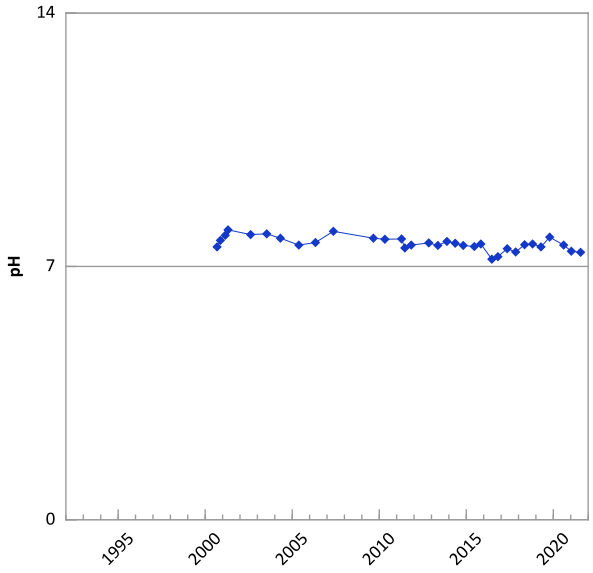
Well Location

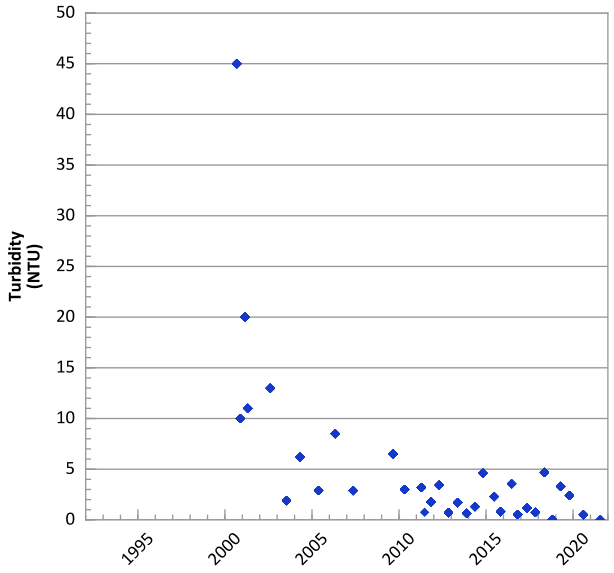


PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



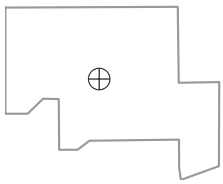






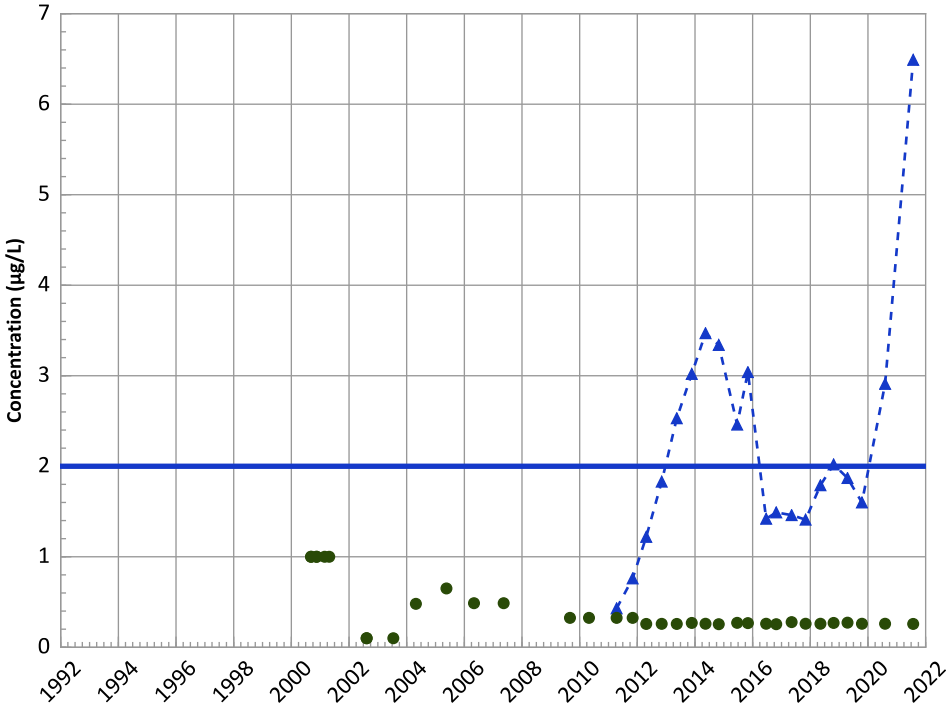
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

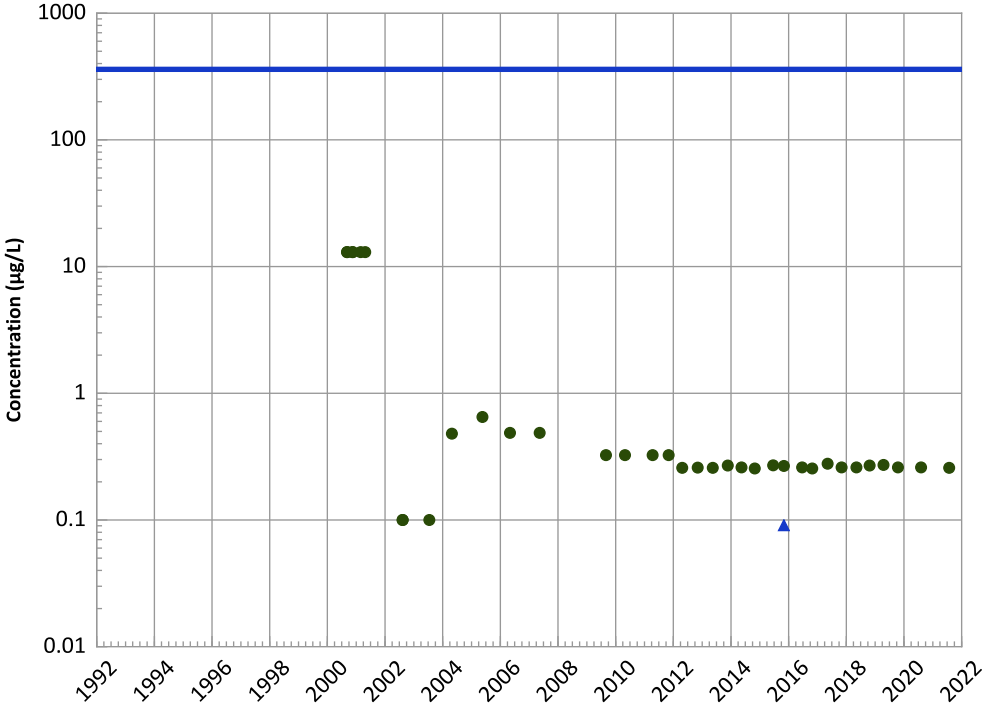


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

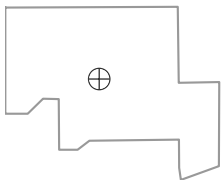
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

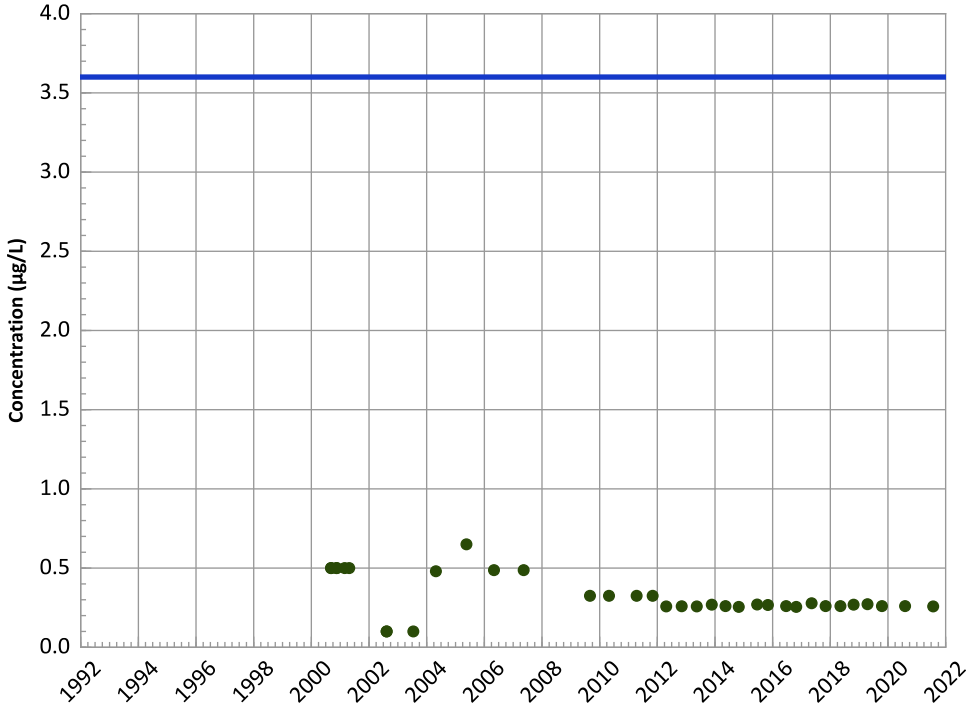
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

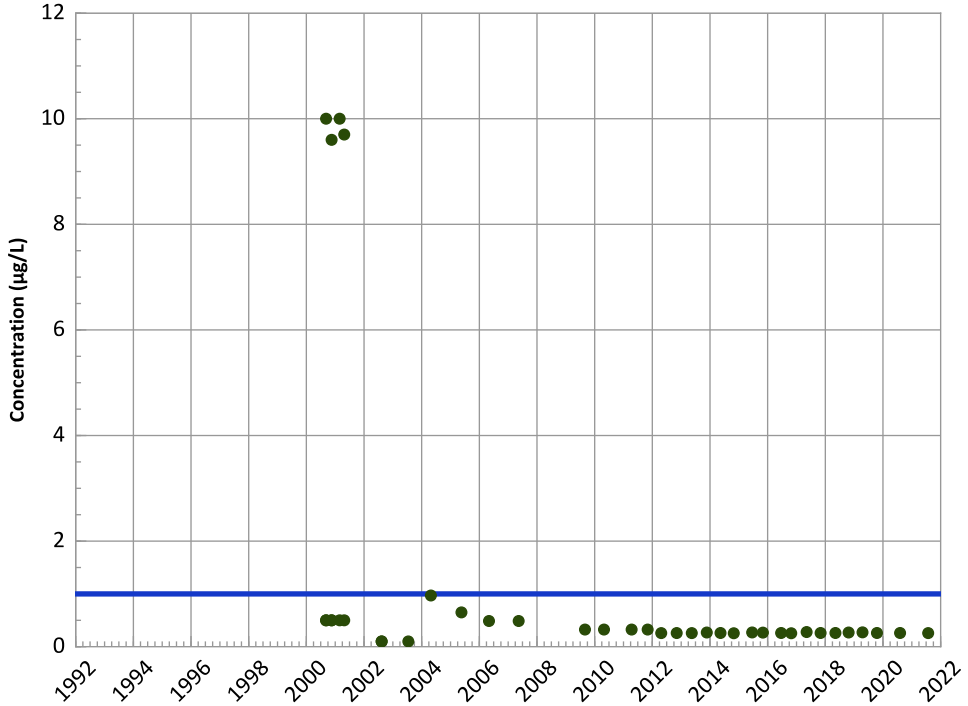


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

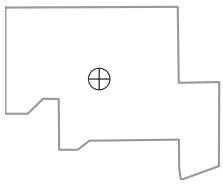
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

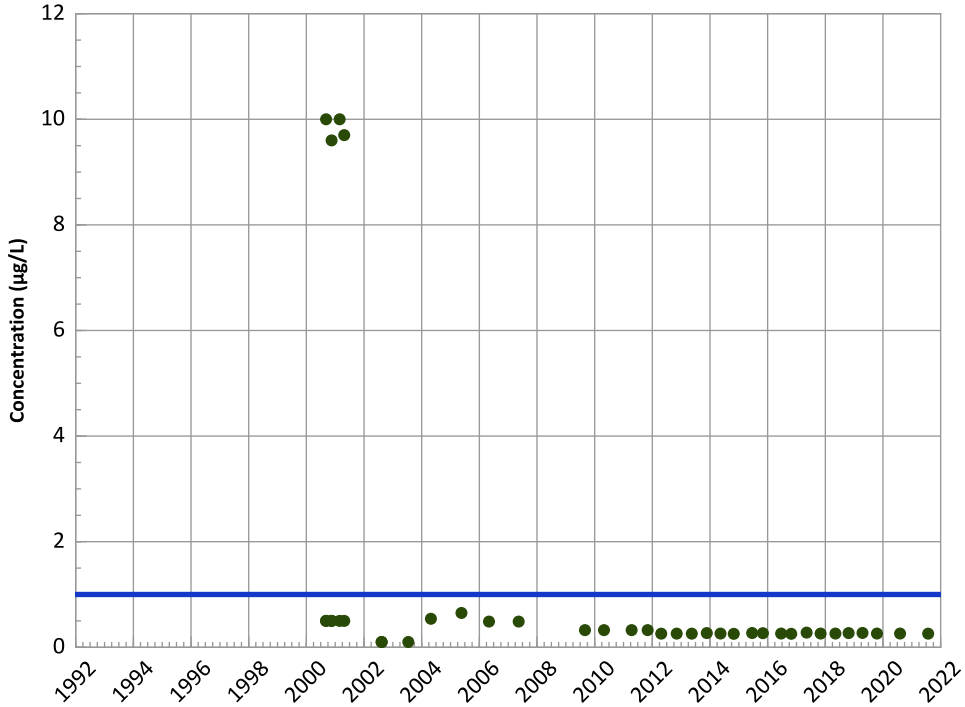
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

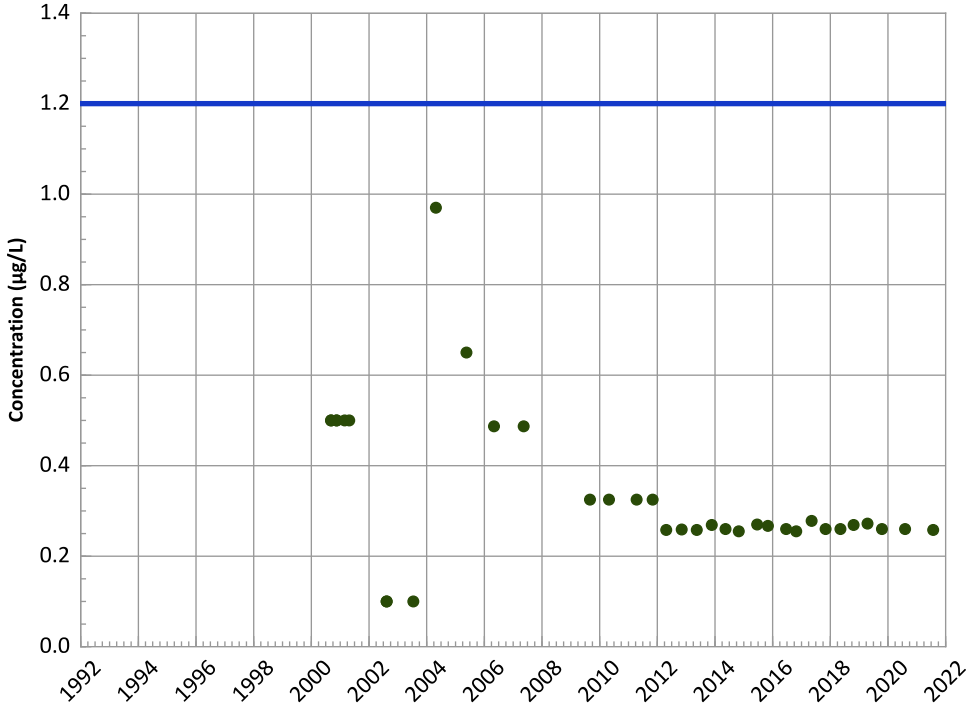


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

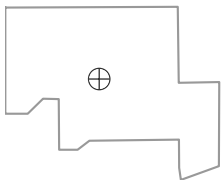
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

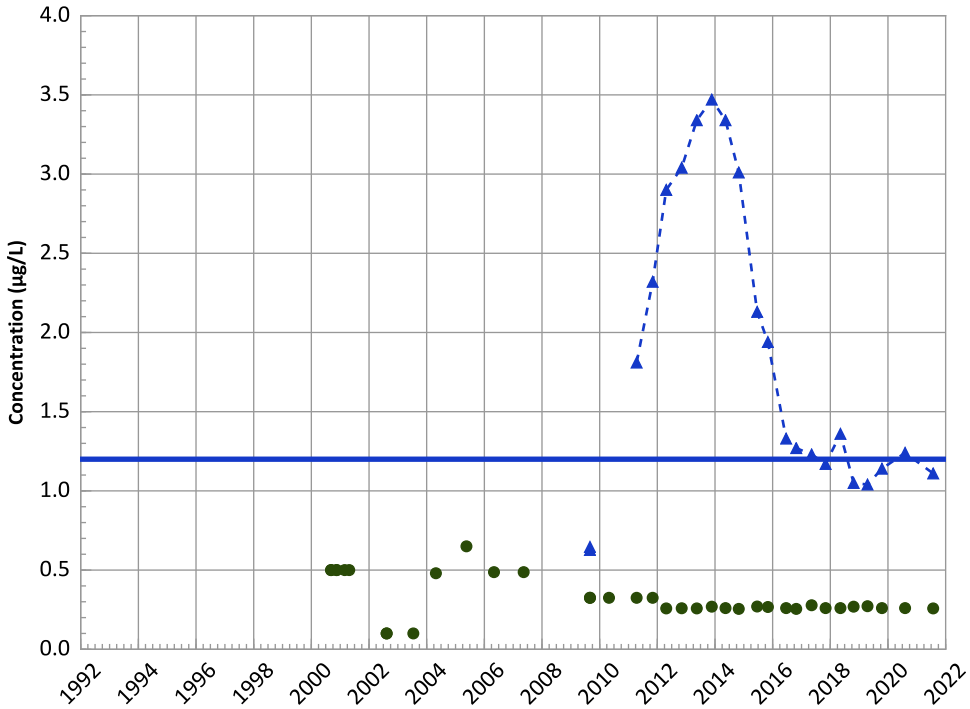
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

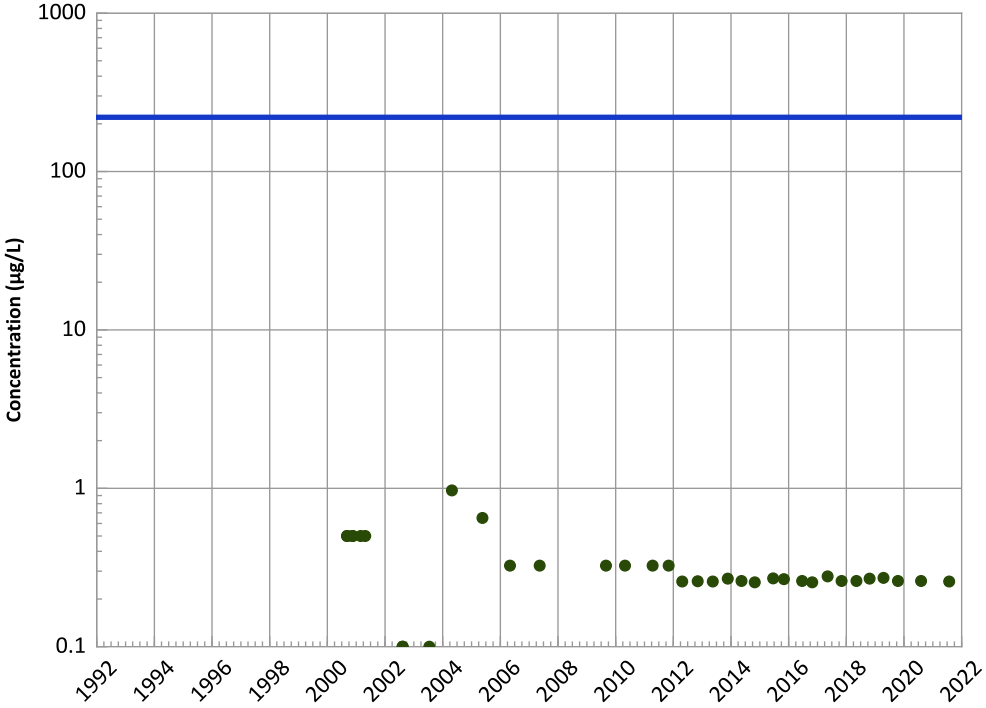


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

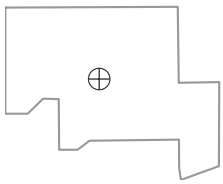
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

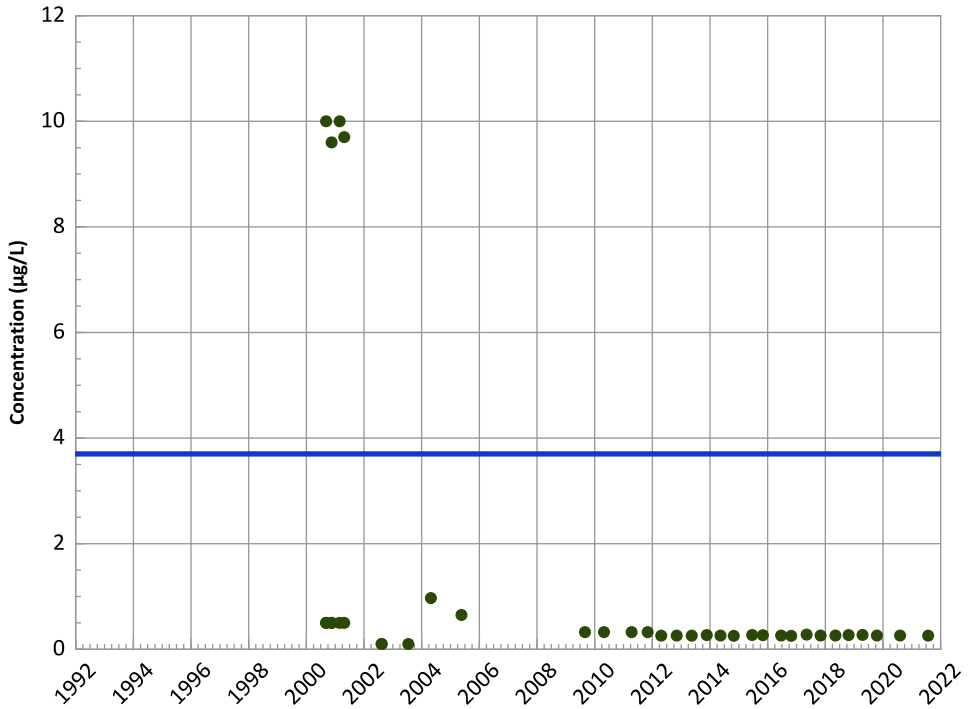
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

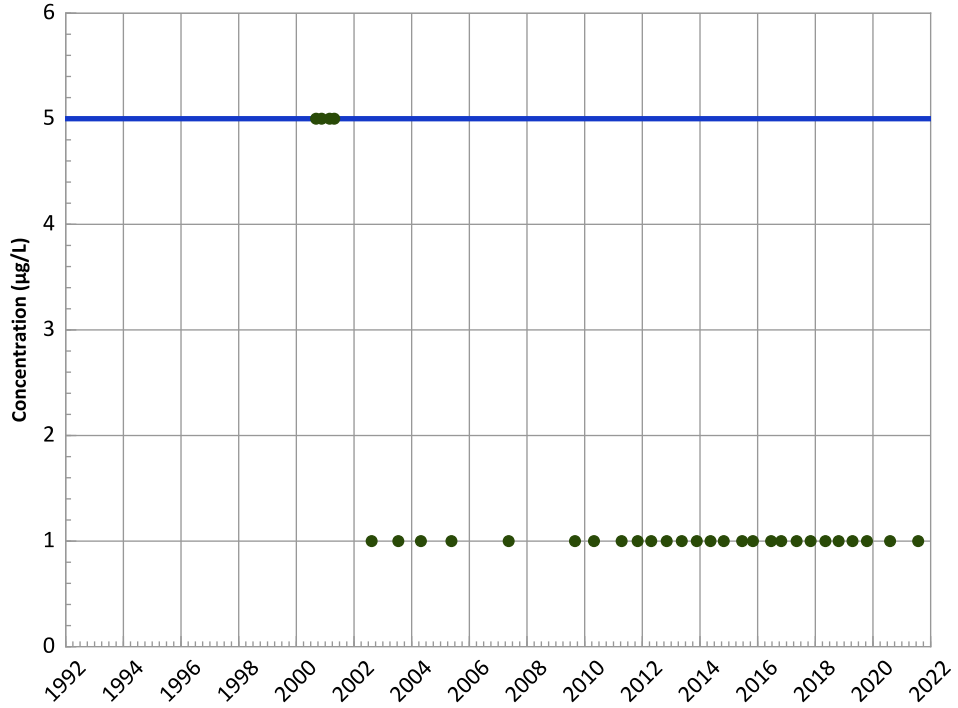


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

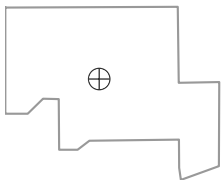
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

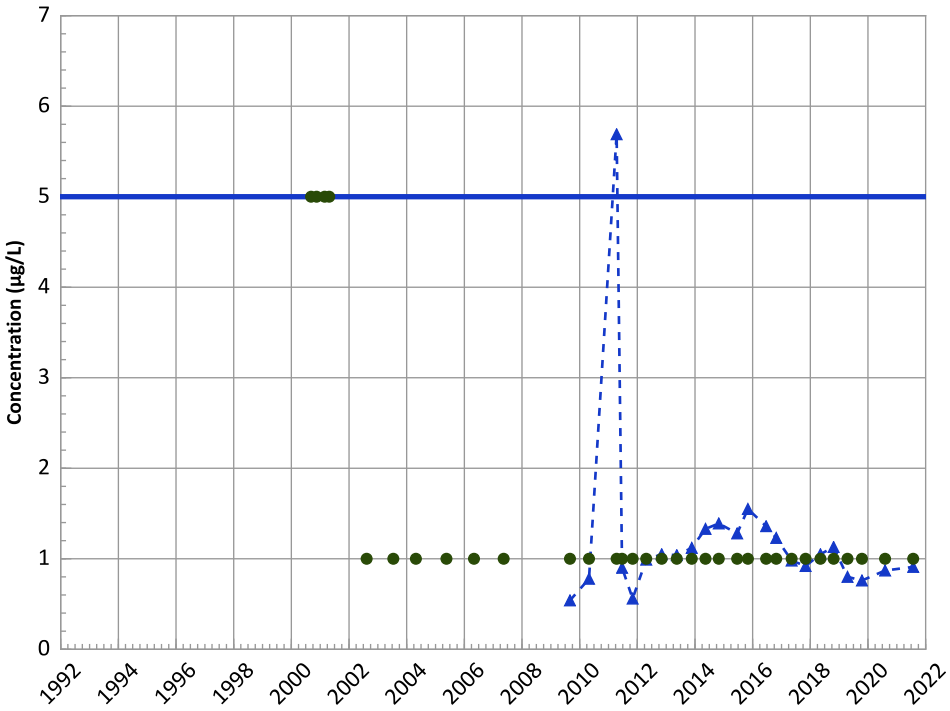
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

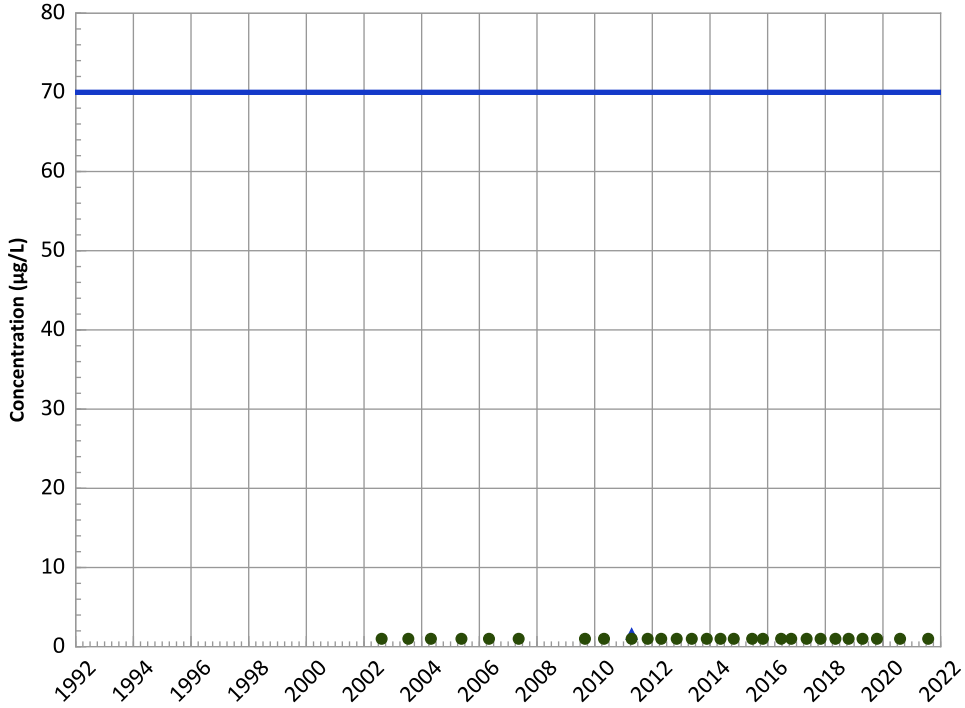


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

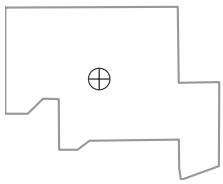
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

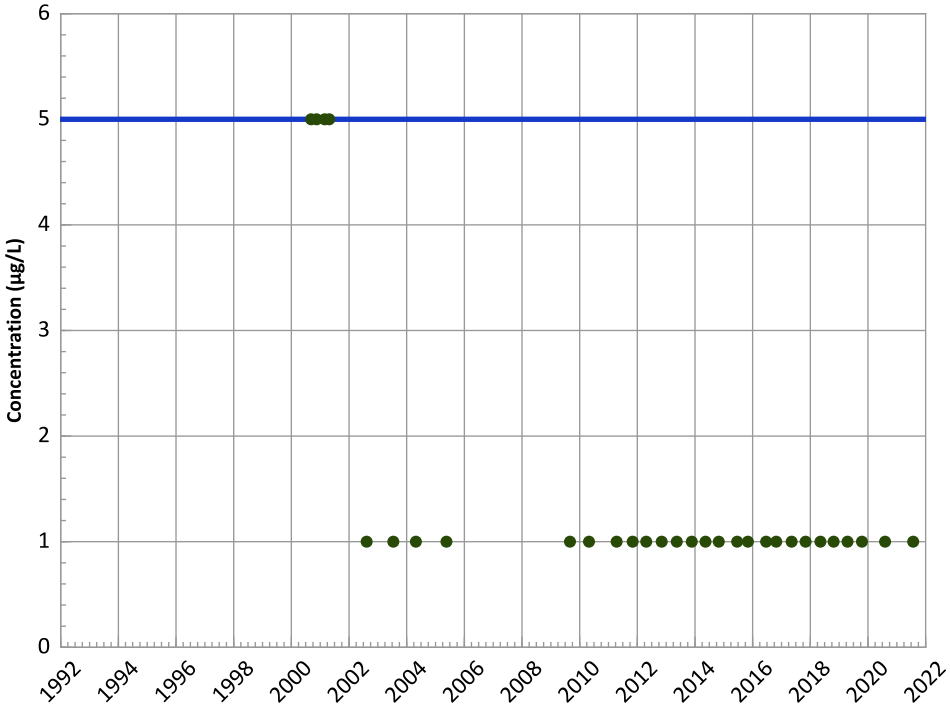
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

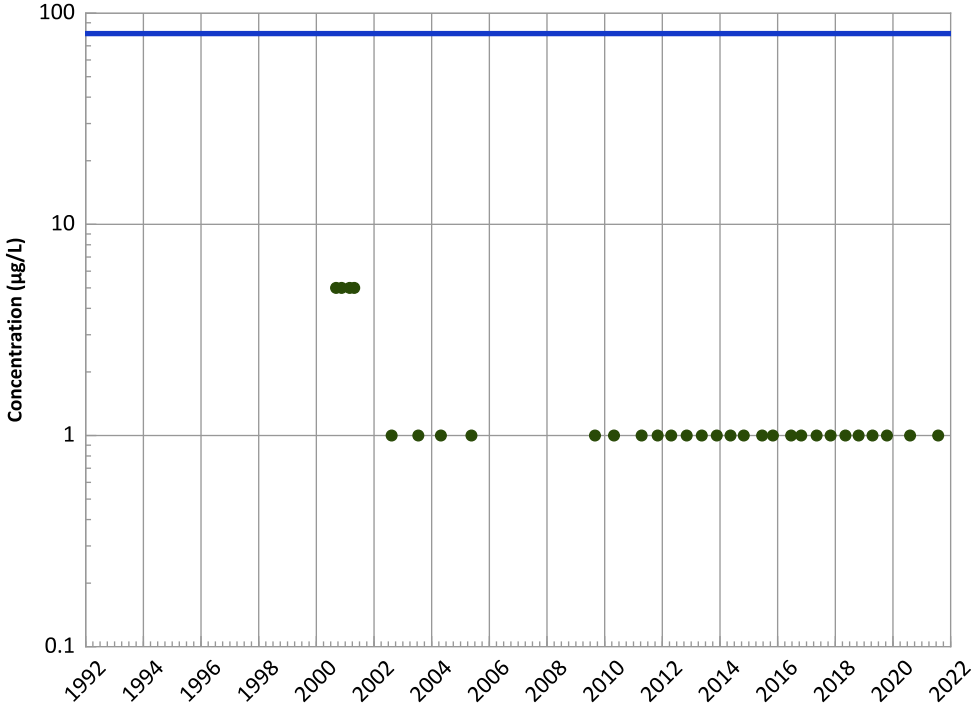


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

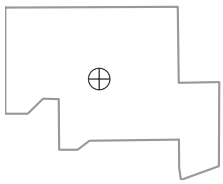
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

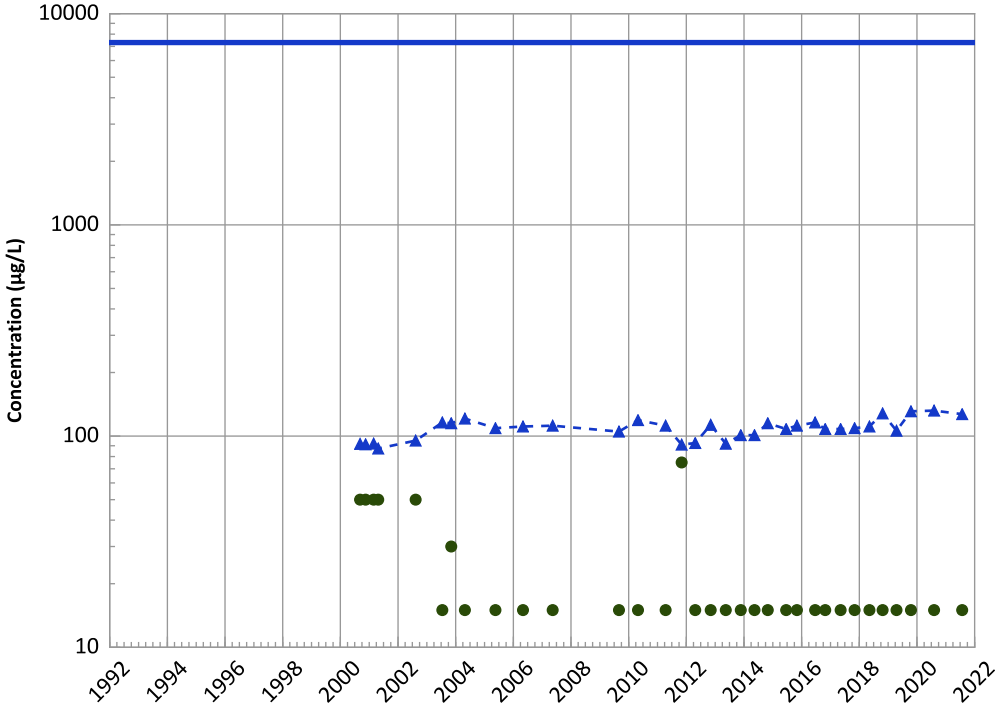
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1049 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

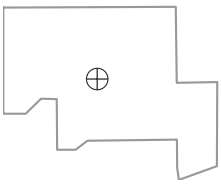
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

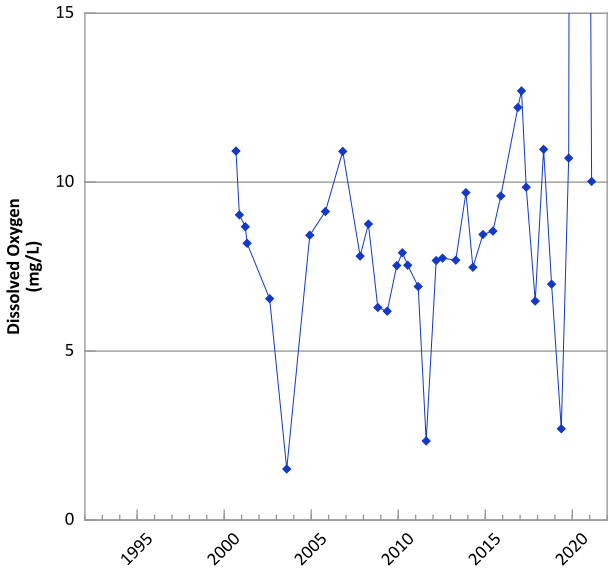
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/07/2000 to 07/27/2021
Analysis Date: 04/05/2022

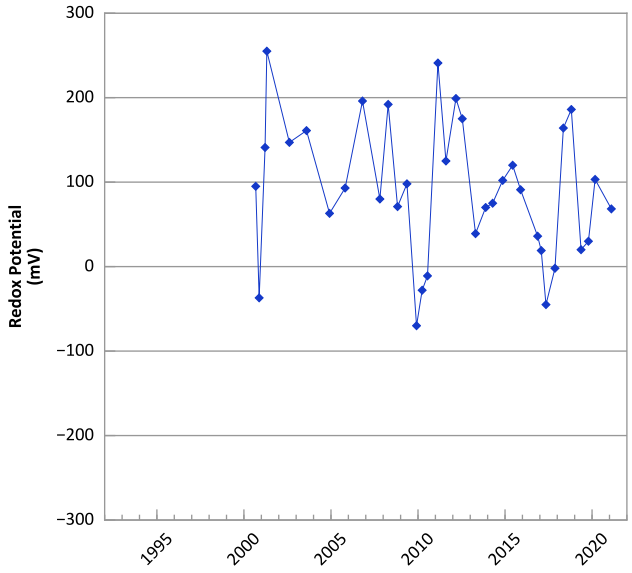
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

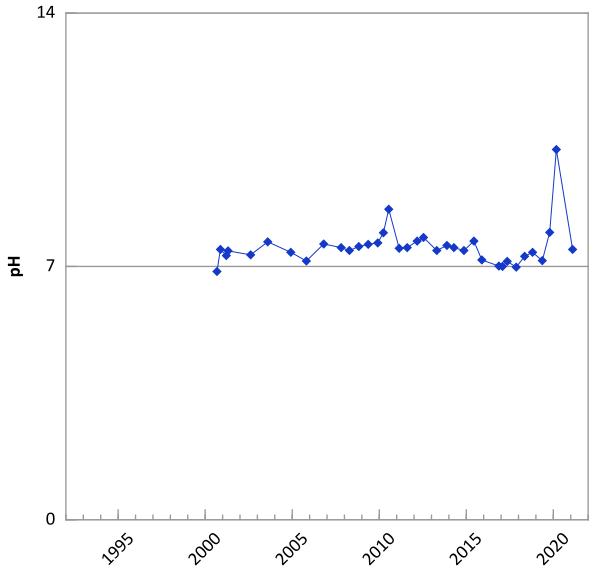
Well Location

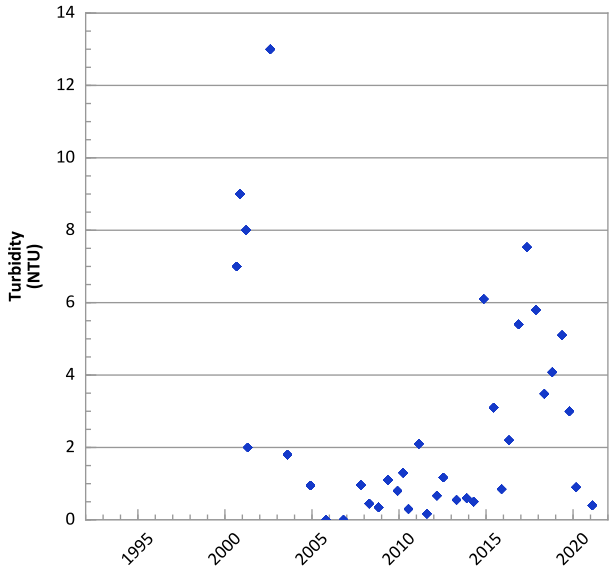


PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



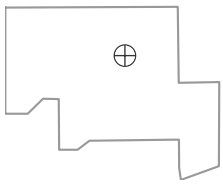






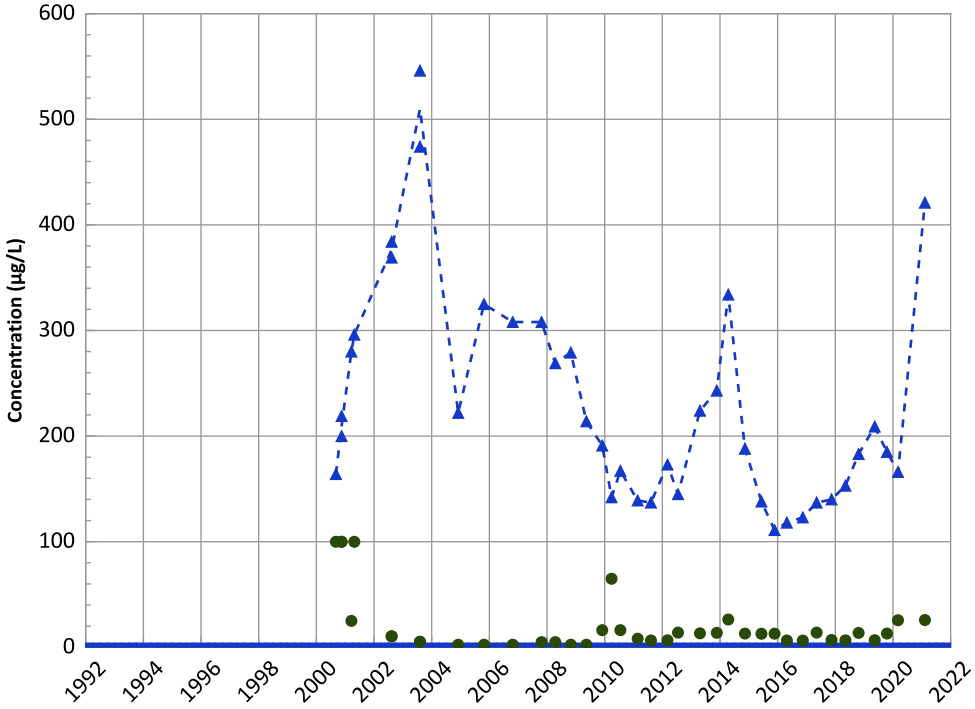
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

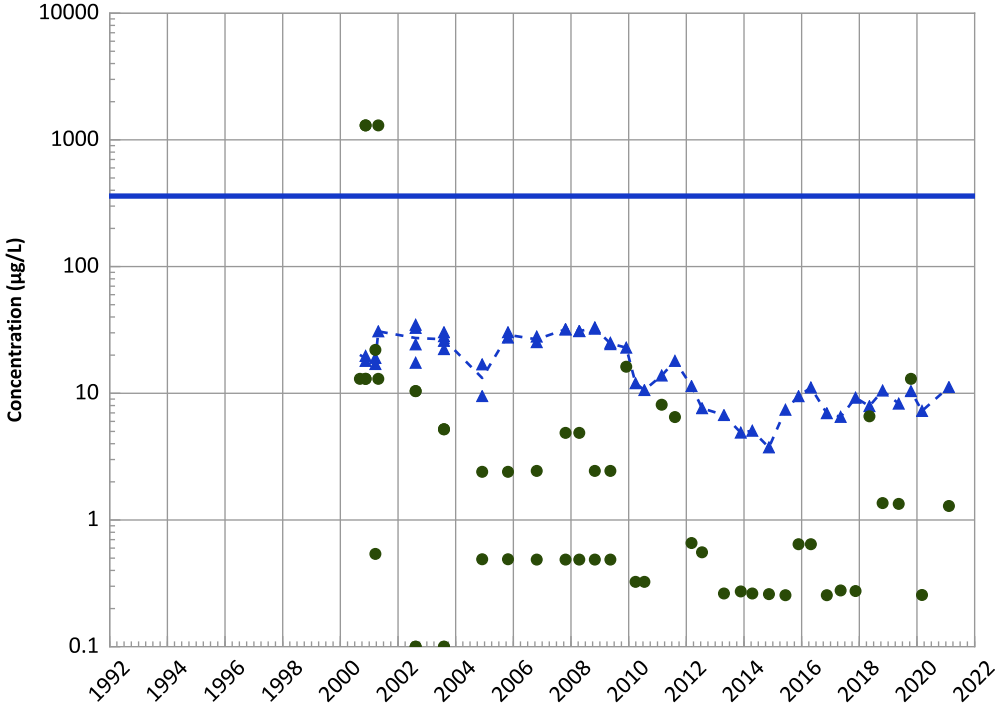


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

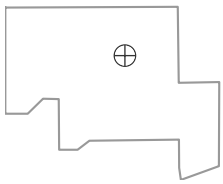
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

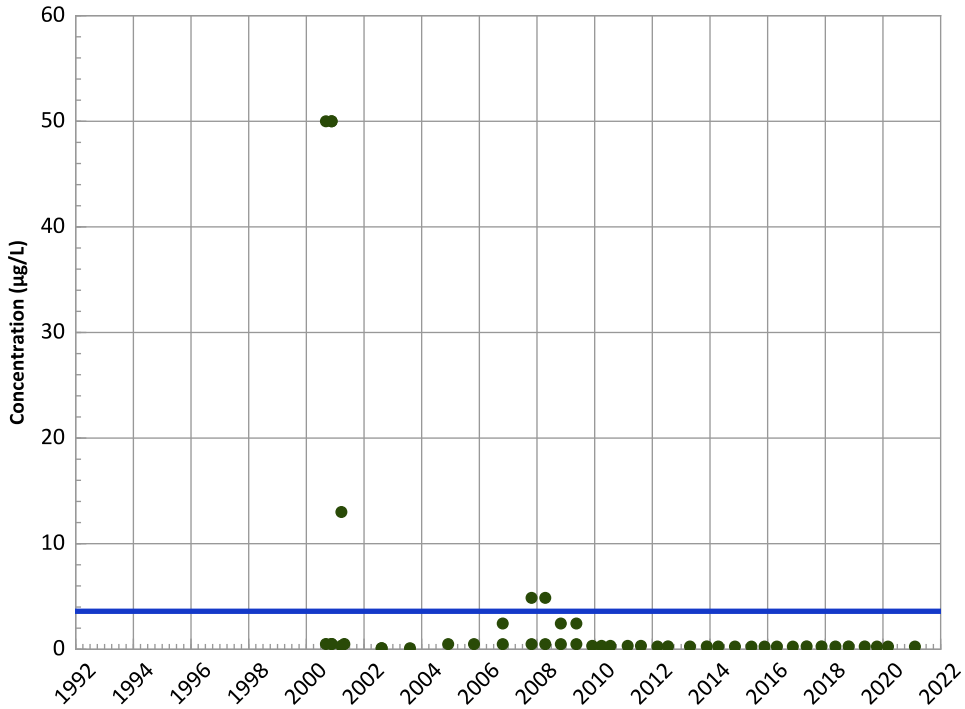
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

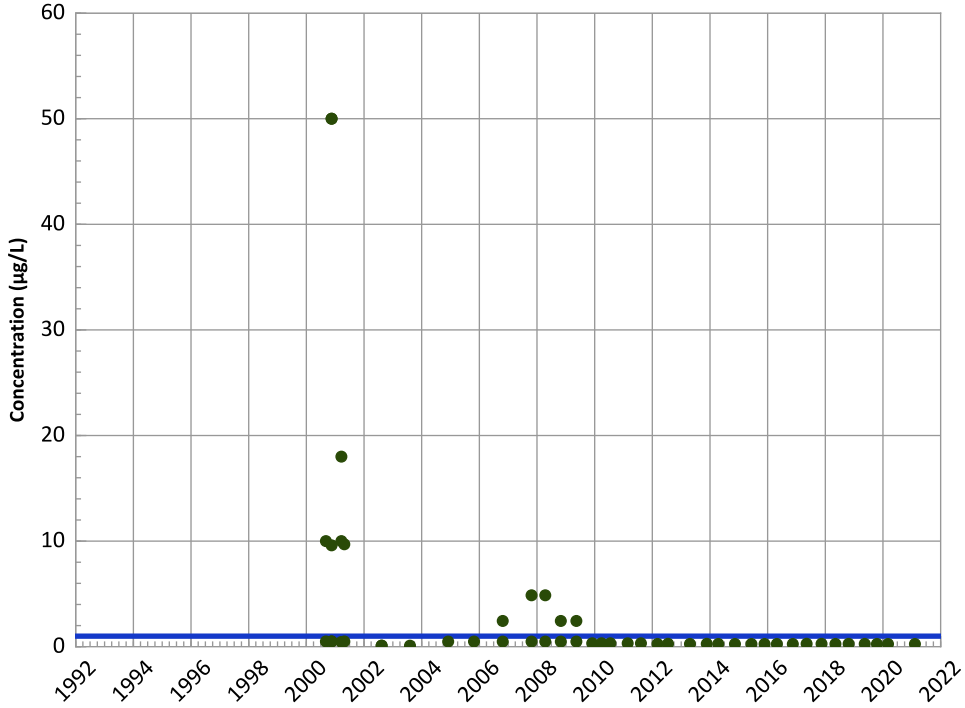


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

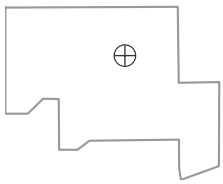
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

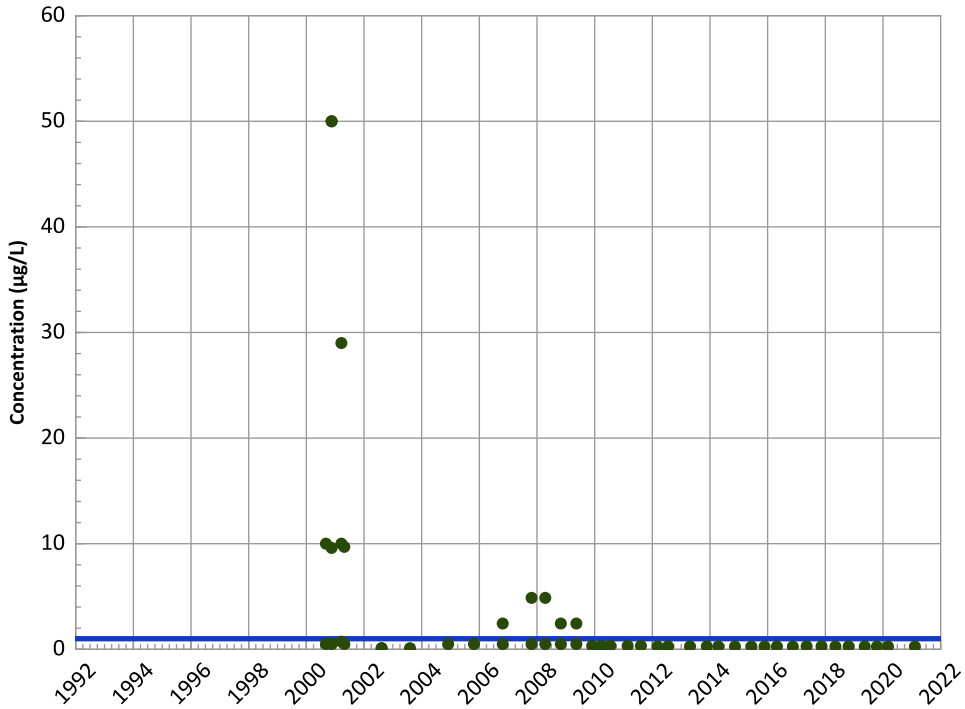
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

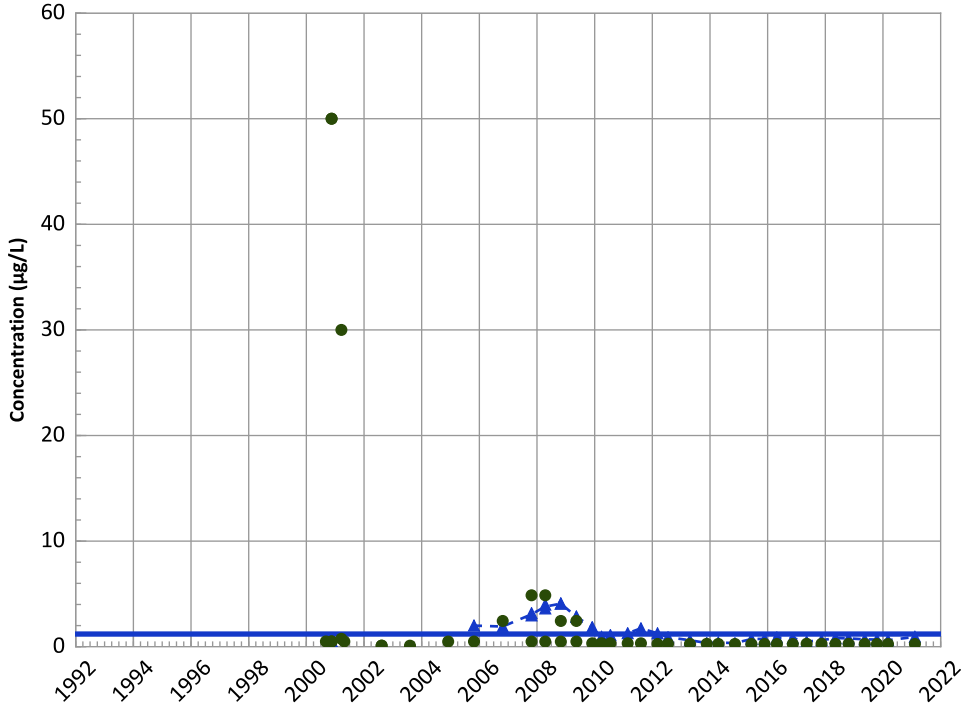


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

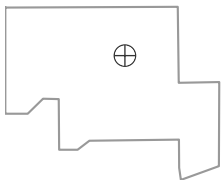
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

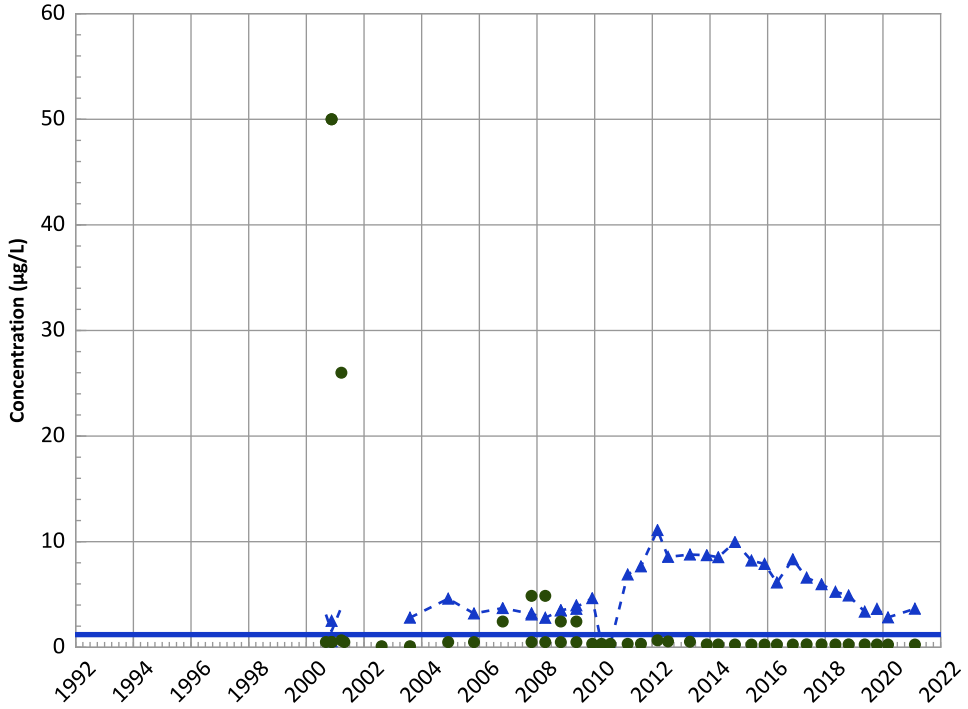
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

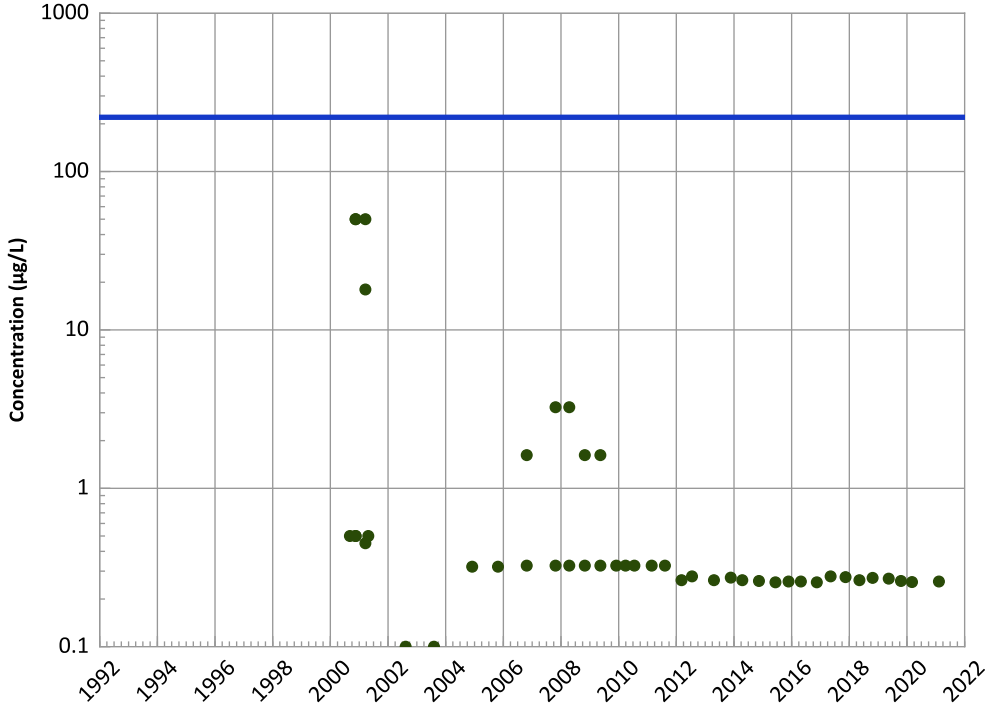


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

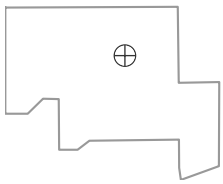
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

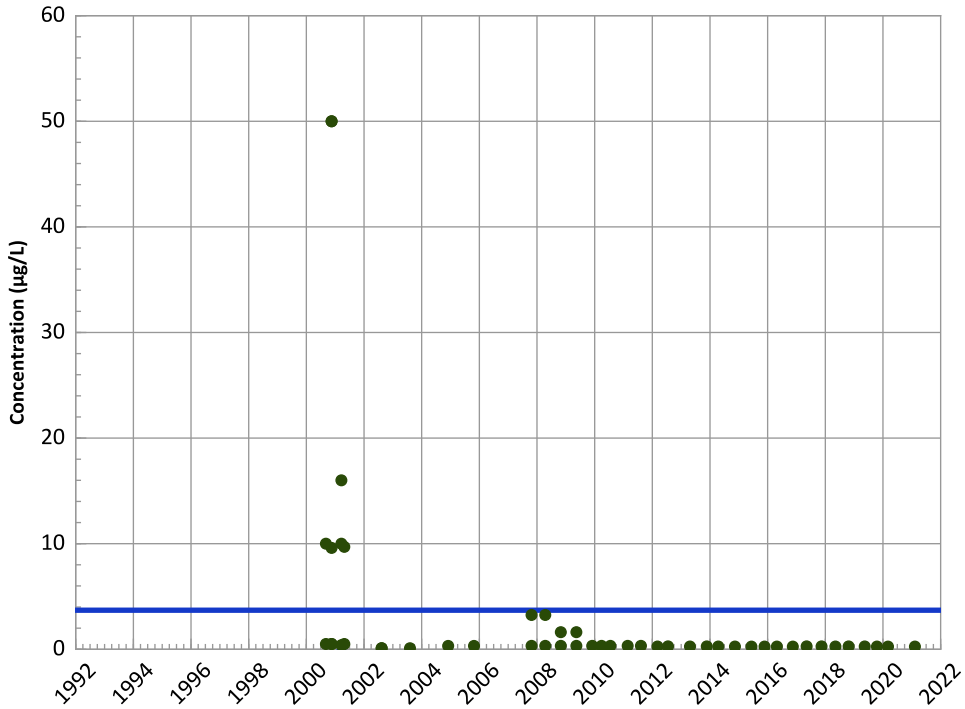
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

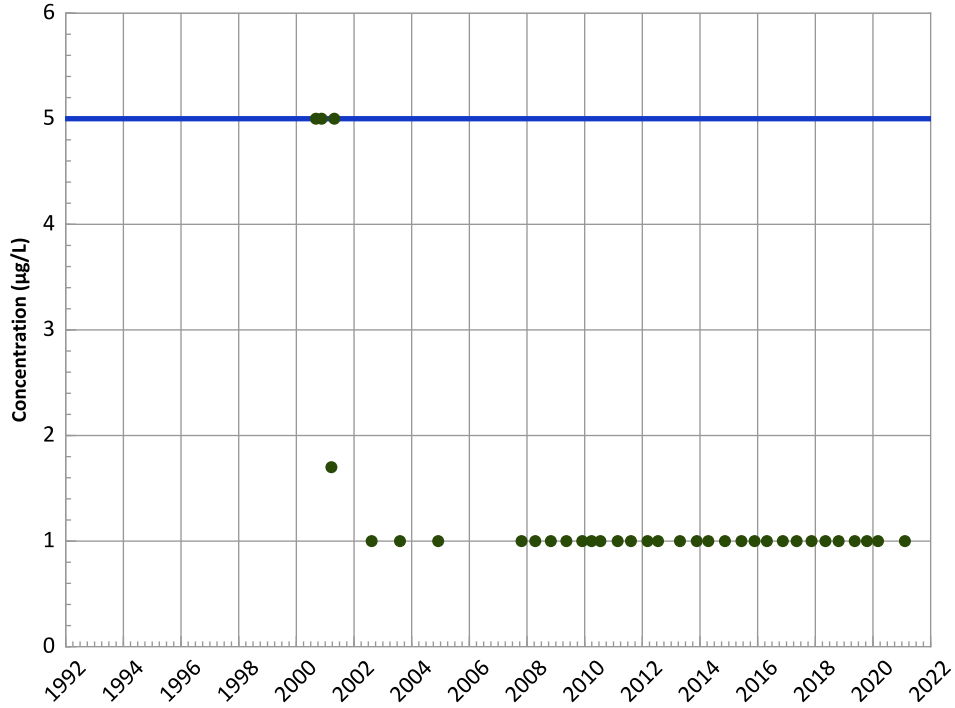


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Tetrachloroethylene (PCE) Trend



Concentration Trend

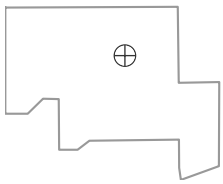
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

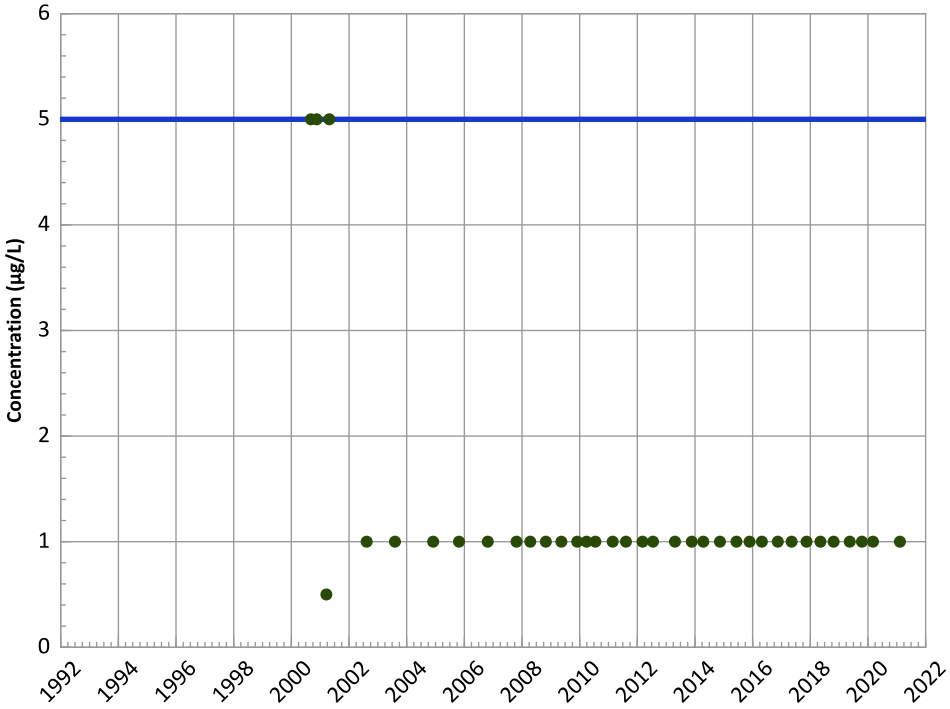
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

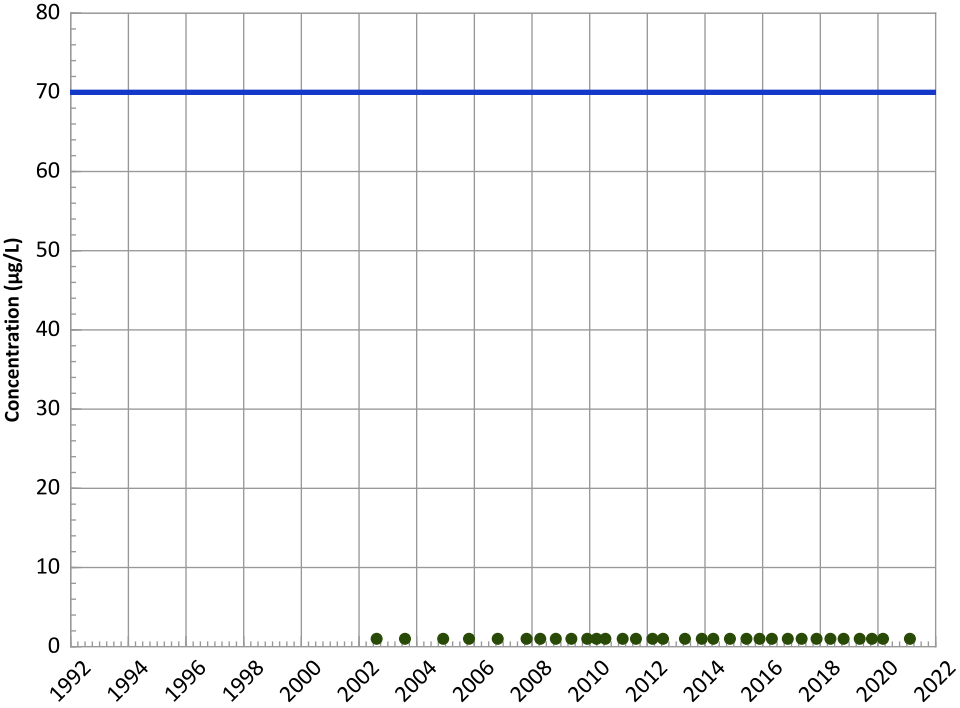


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

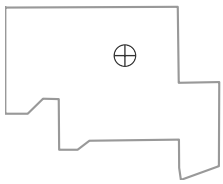
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

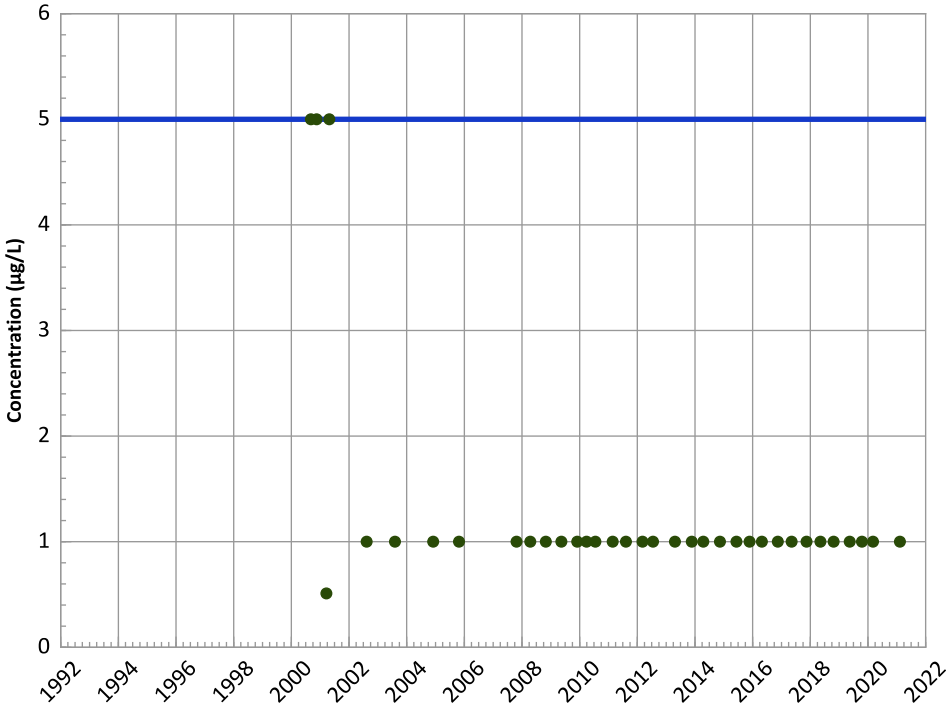
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

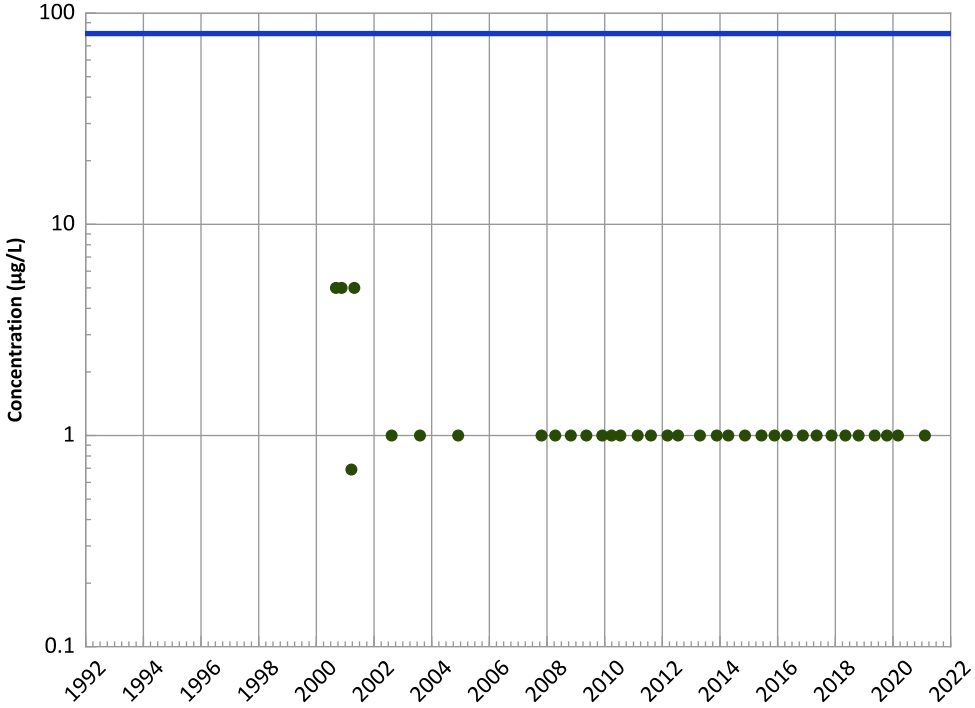


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

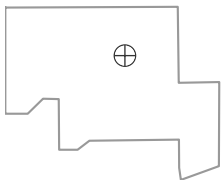
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

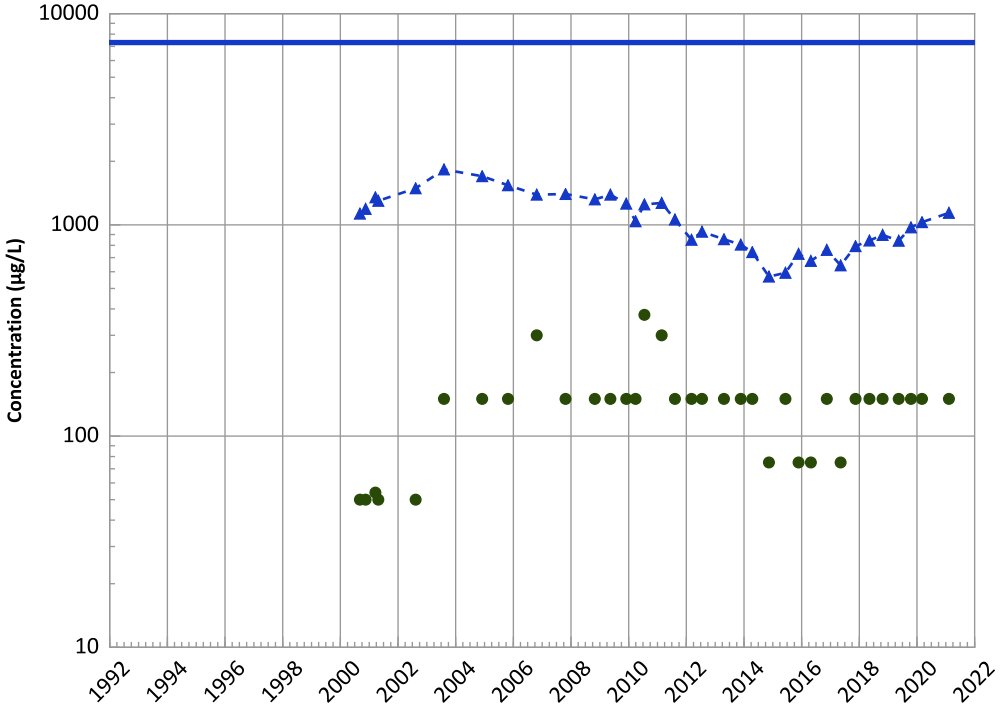
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1050 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

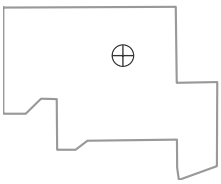
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

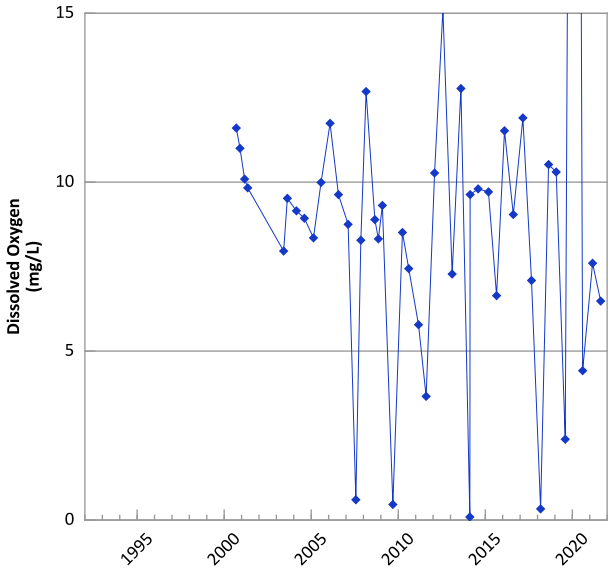
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/05/2000 to 02/09/2021
Analysis Date: 04/05/2022

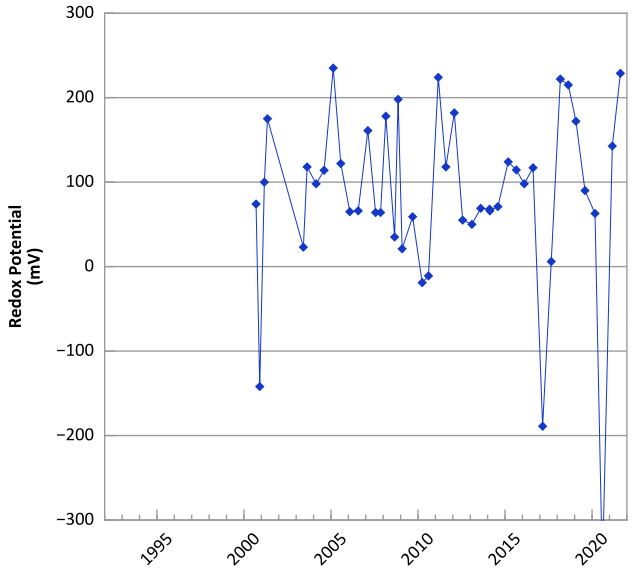
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

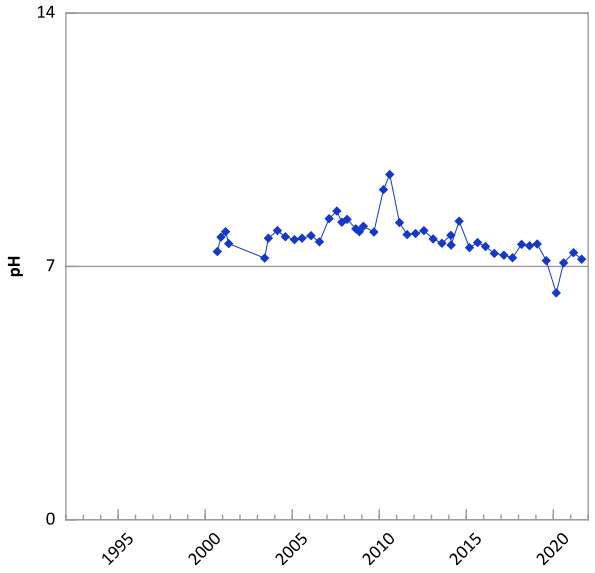
Well Location

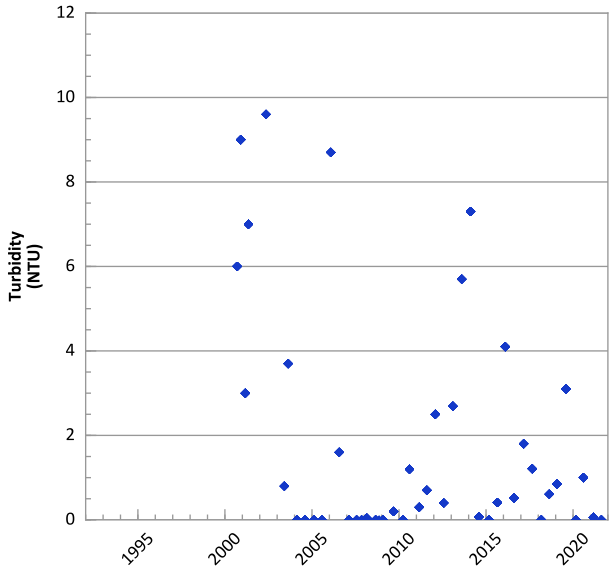


PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



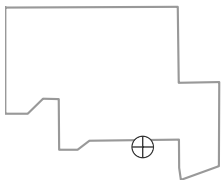






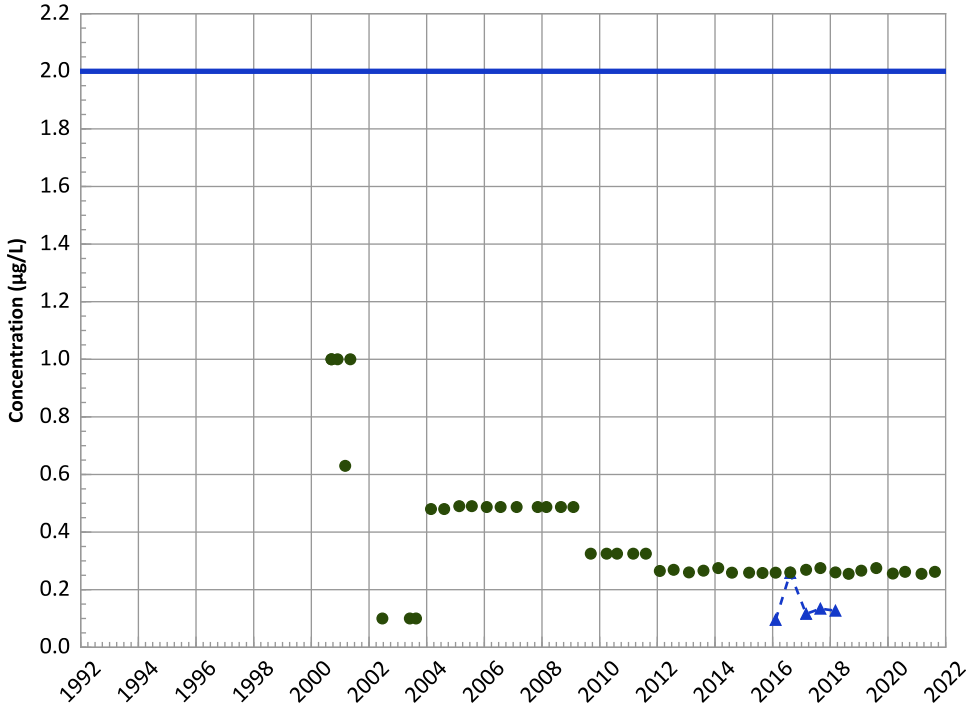
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

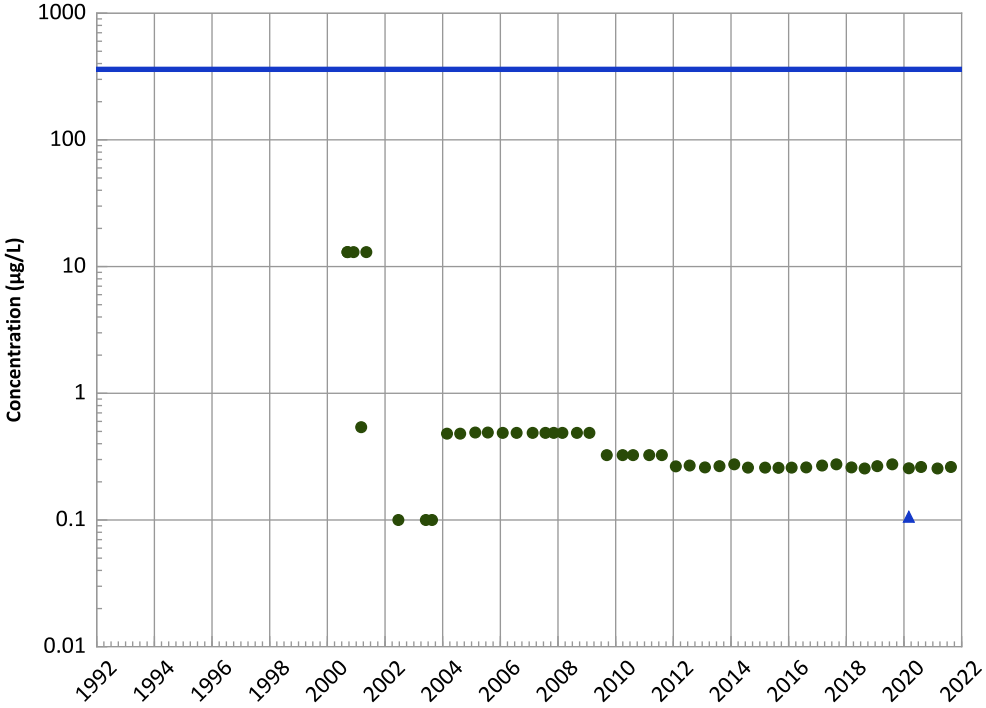


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

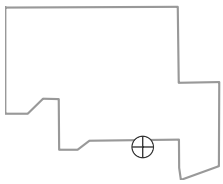
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

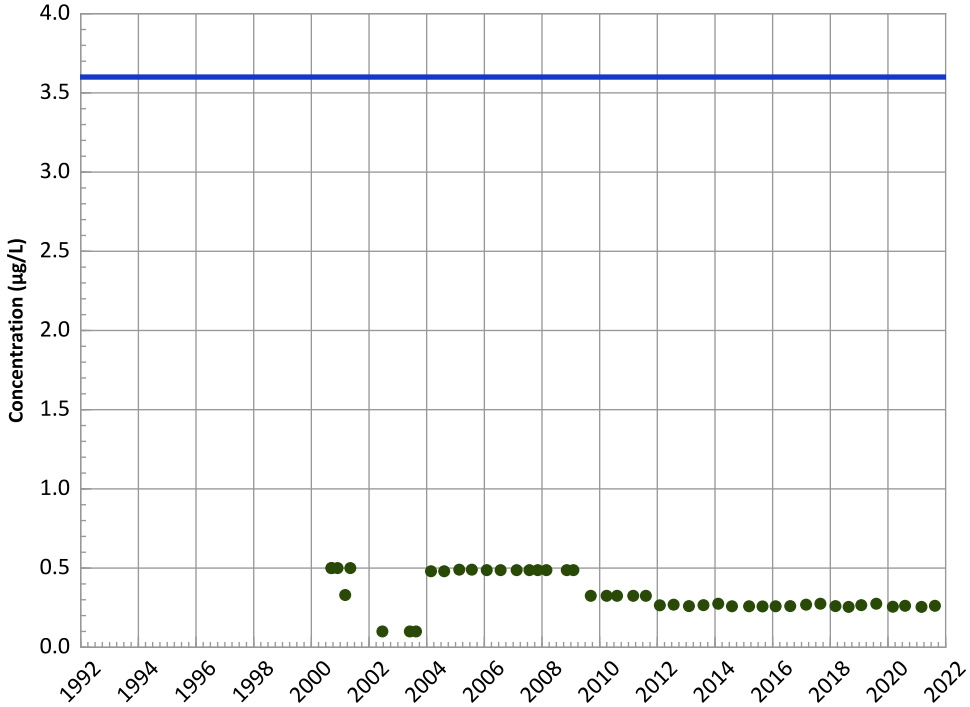
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

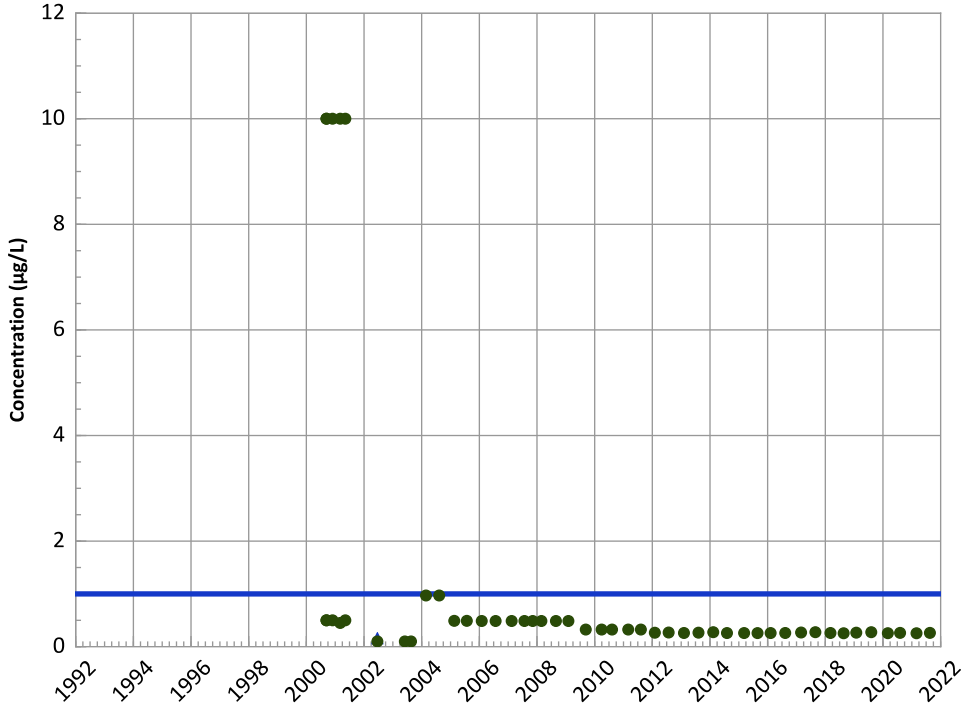


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

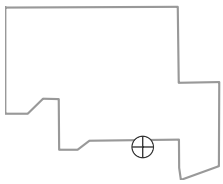
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

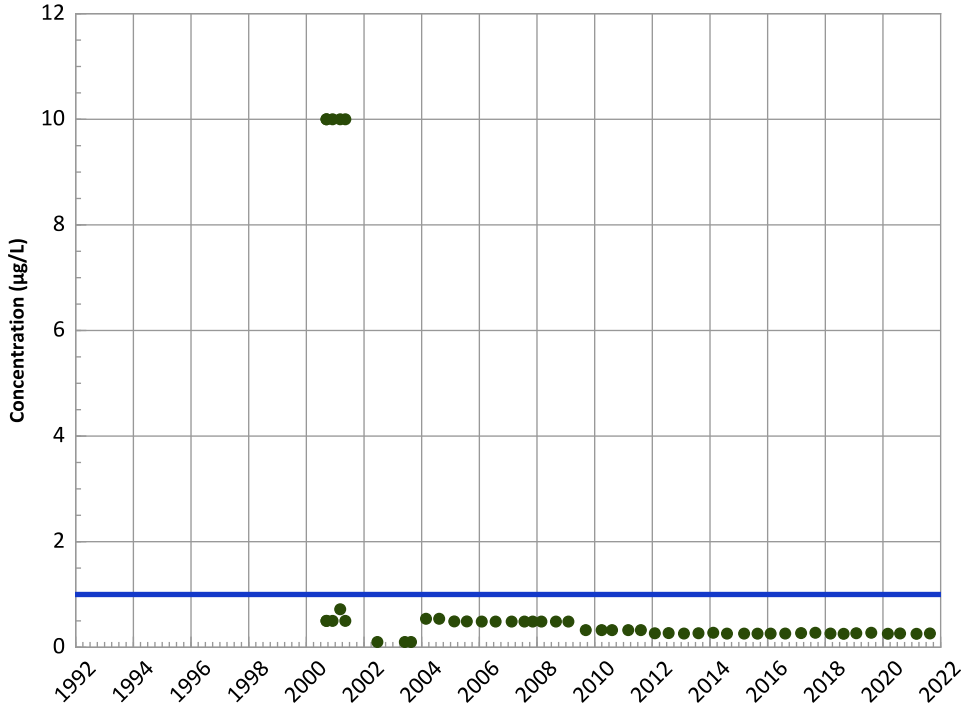
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

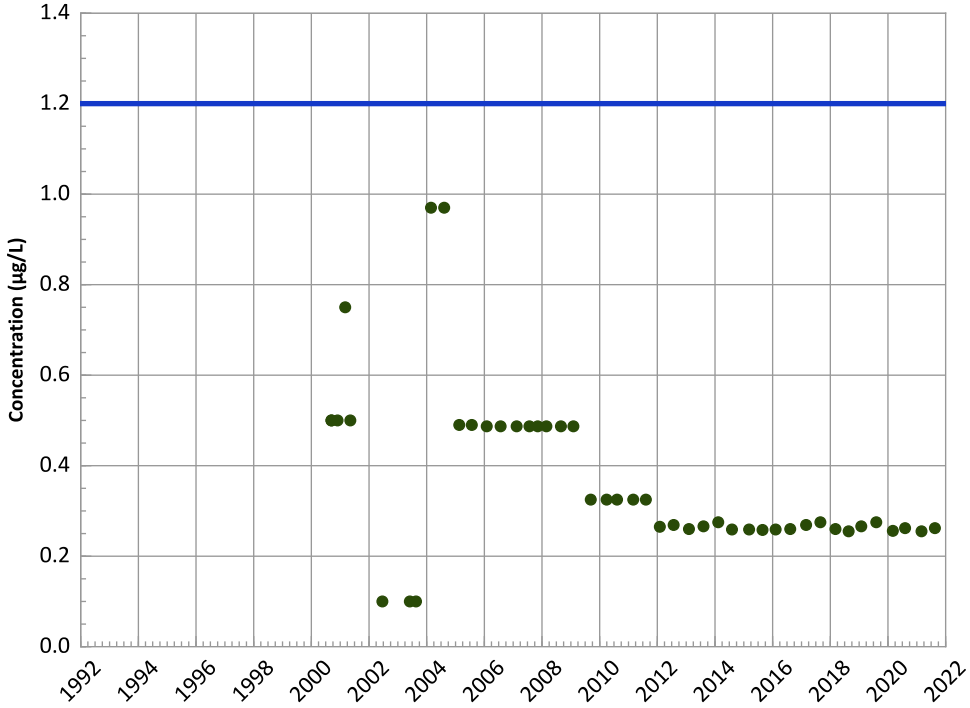


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

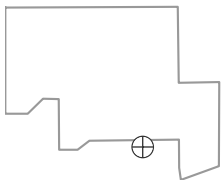
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

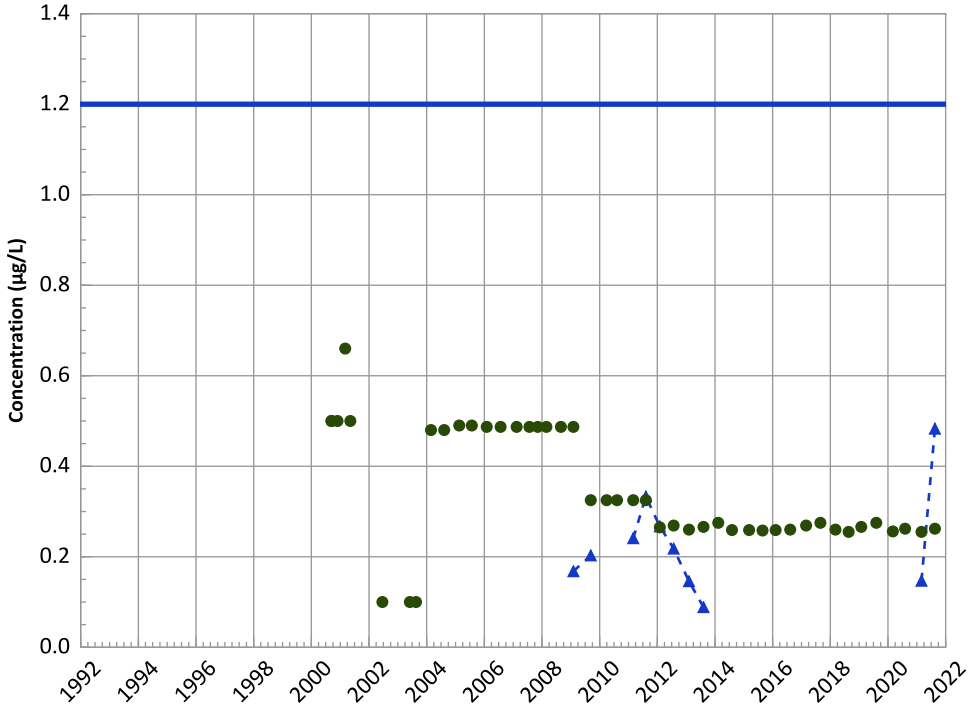
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

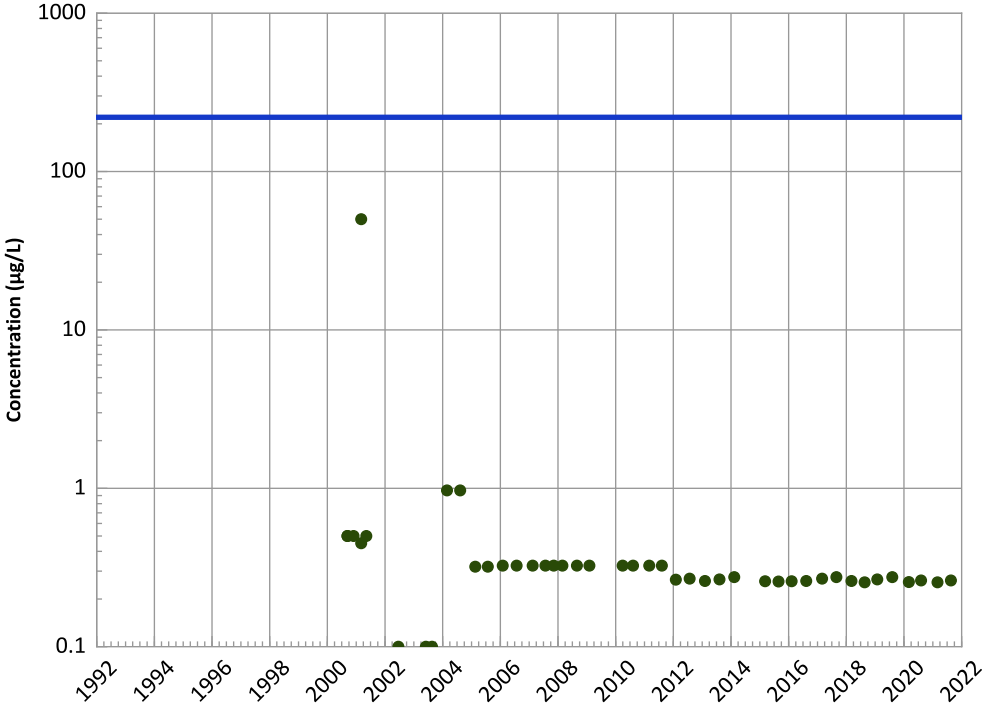


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

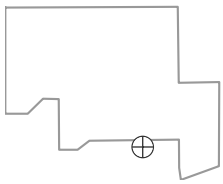
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

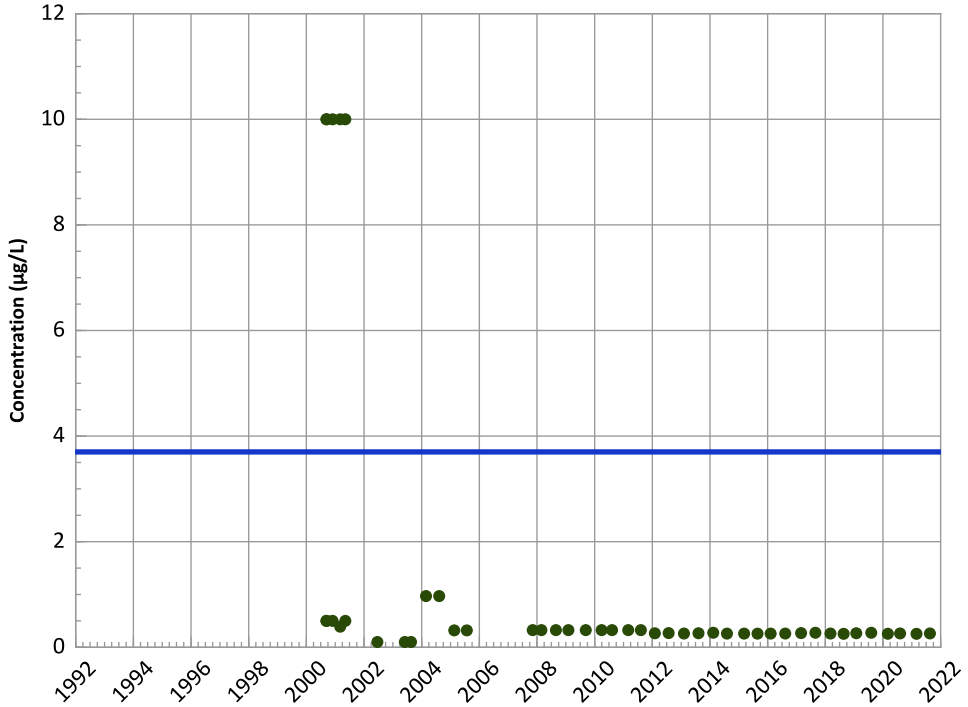
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

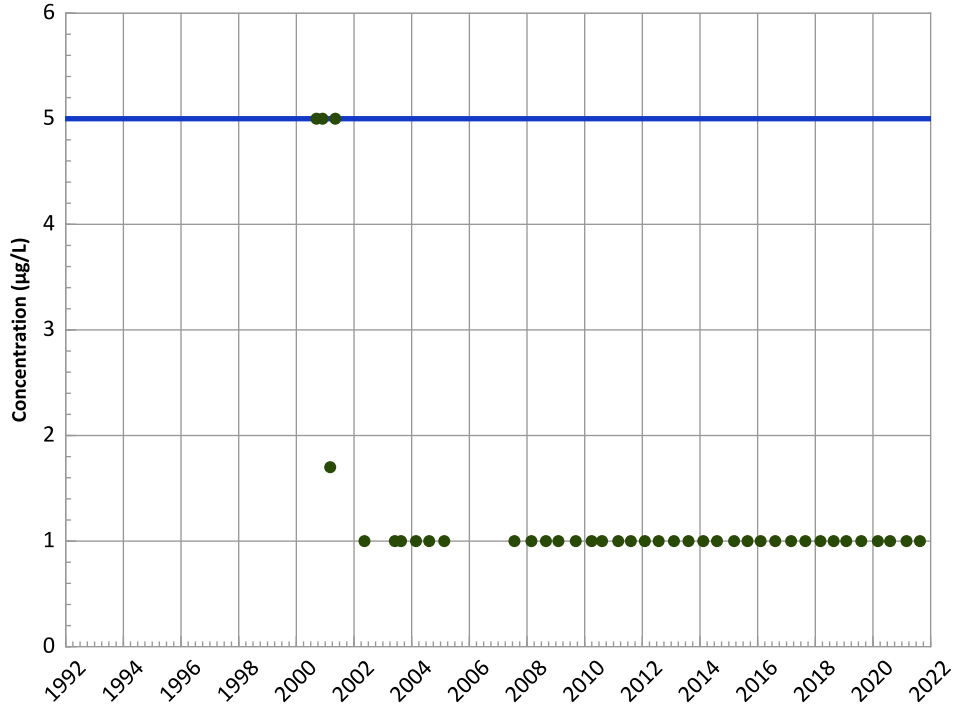


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

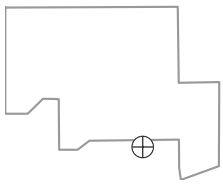
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

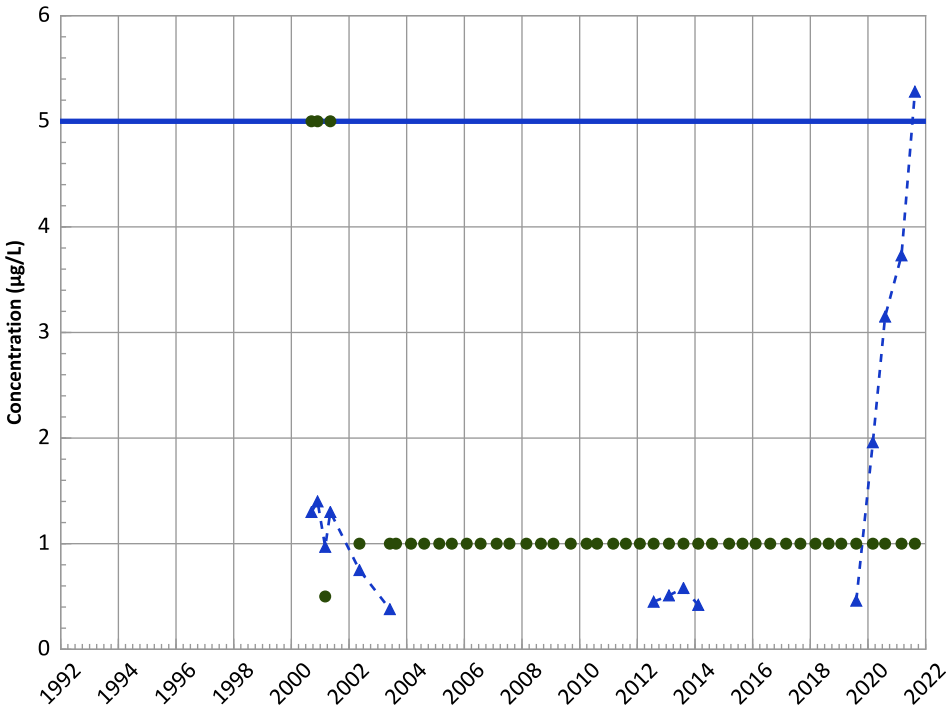
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

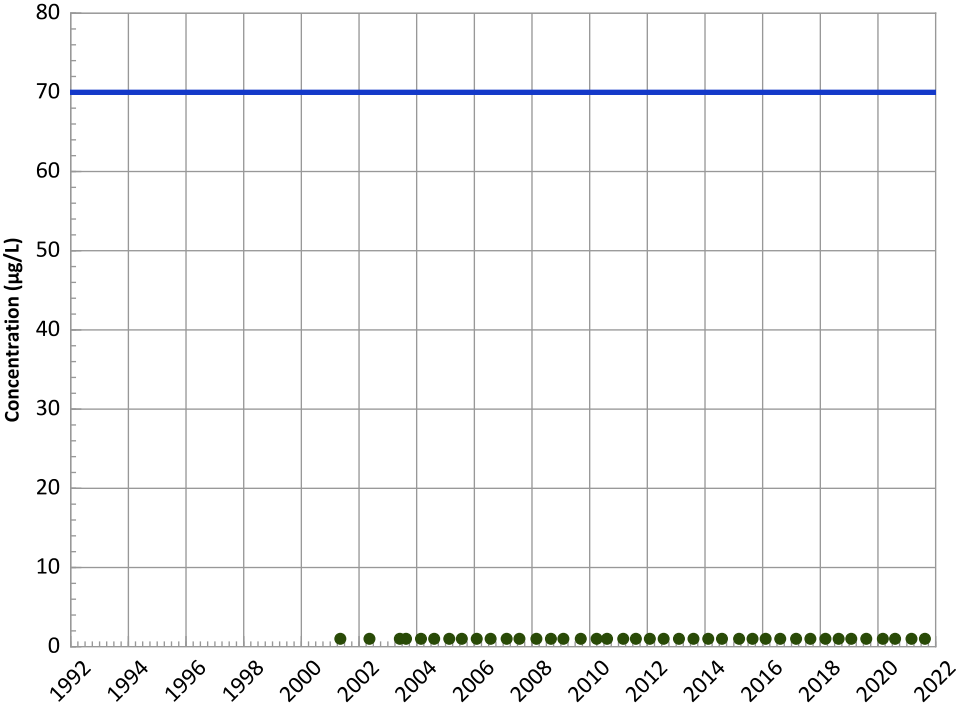


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

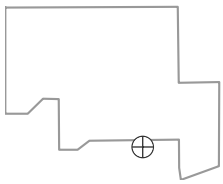
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

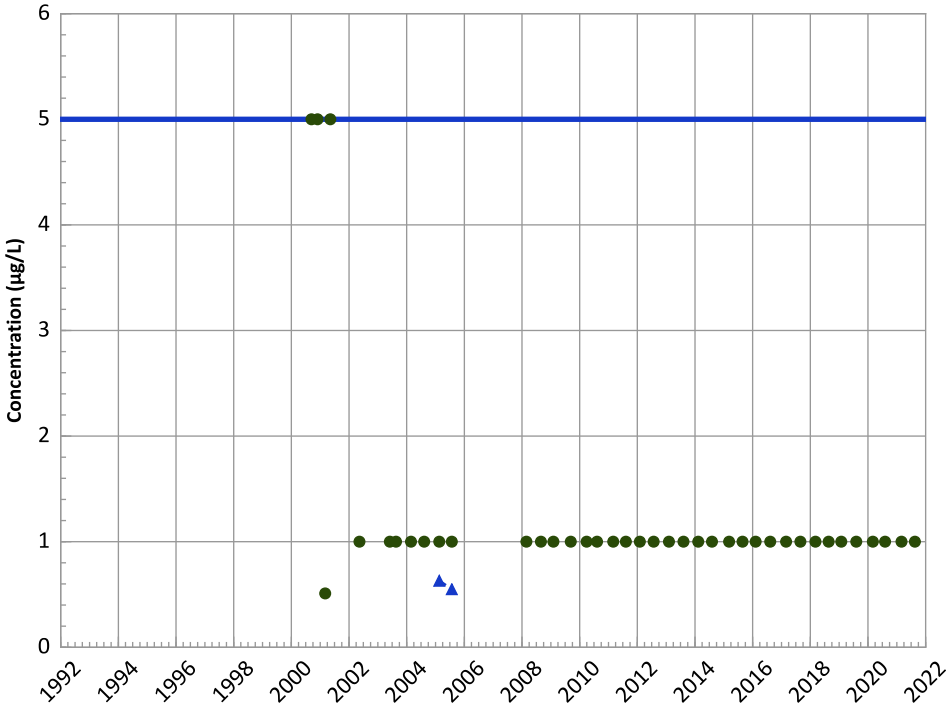
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

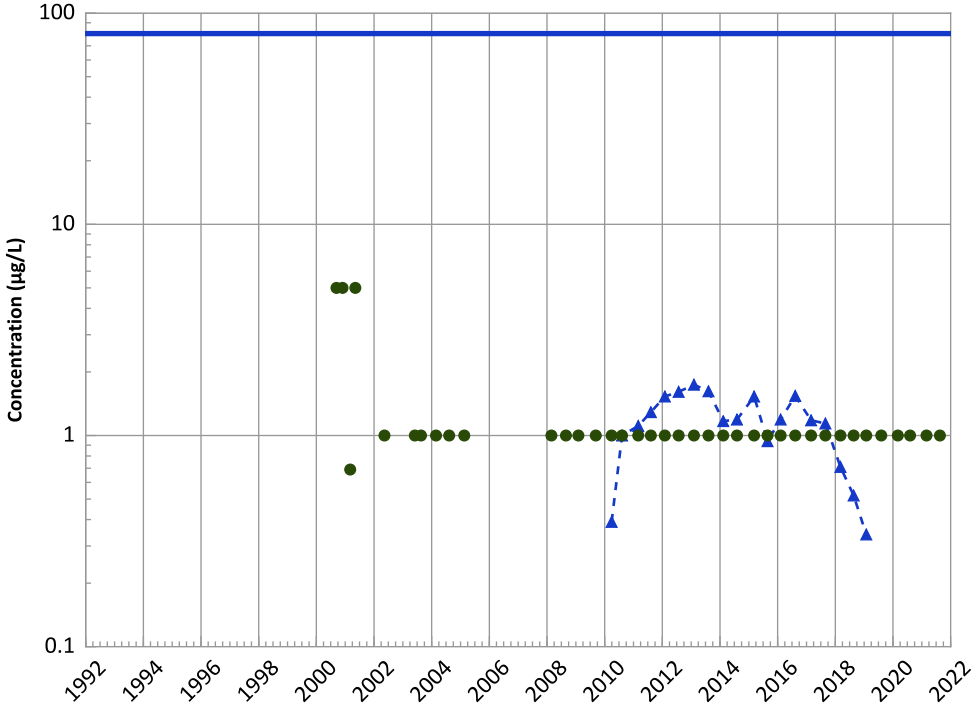


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

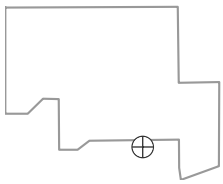
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

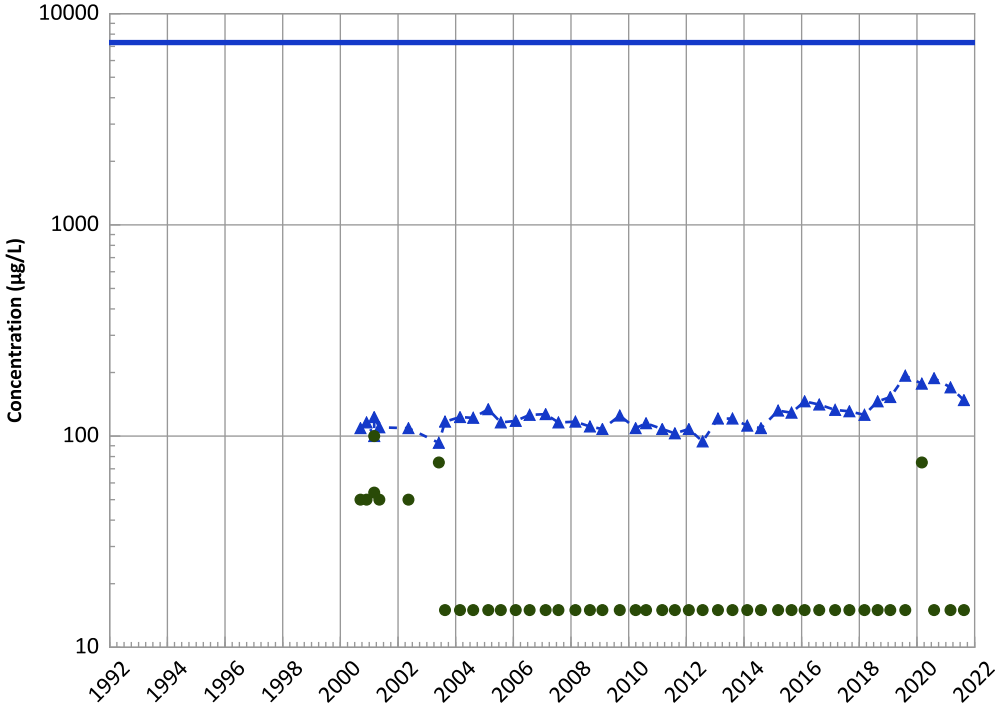
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

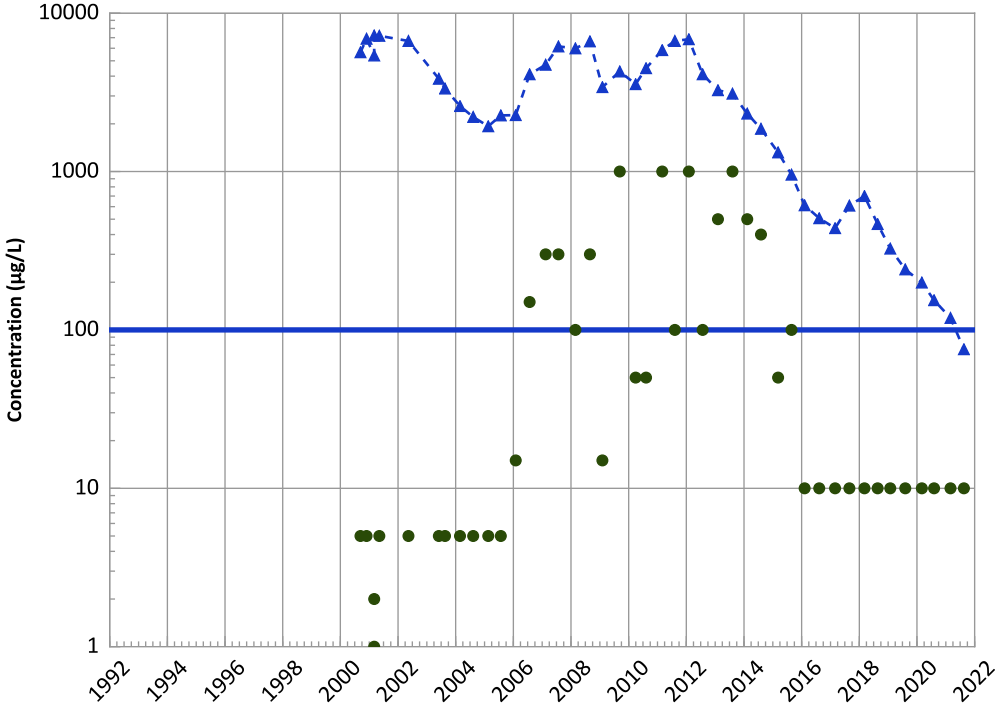


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

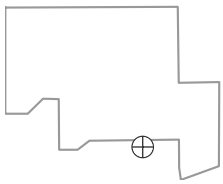
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

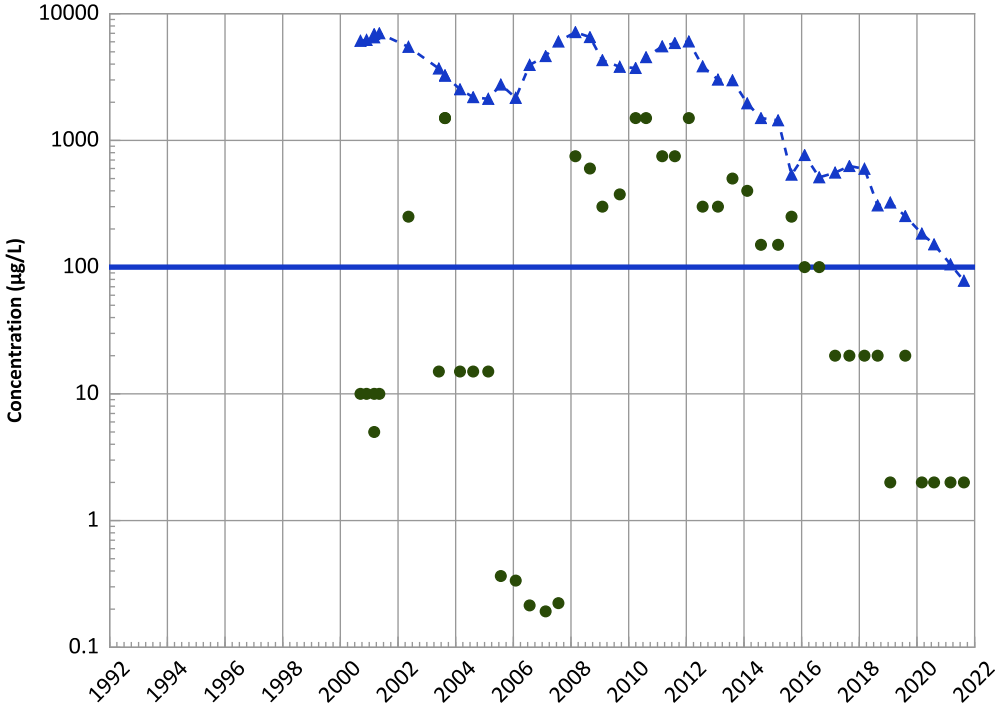
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1052 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

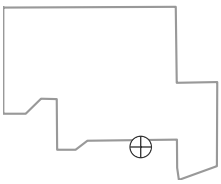
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

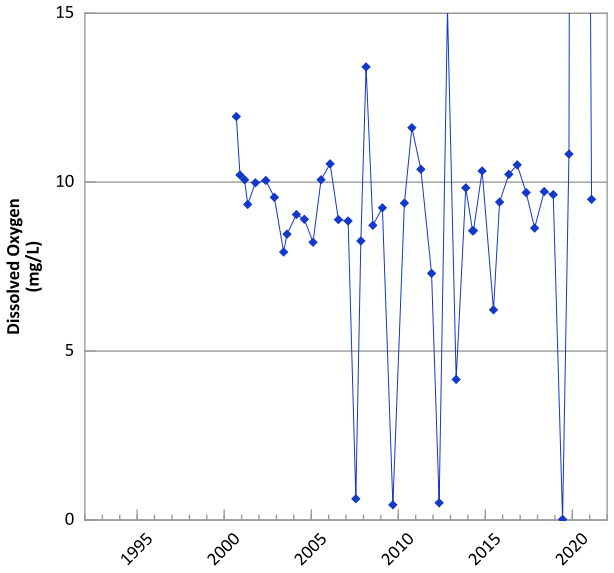
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 08/18/2021
Analysis Date: 04/05/2022

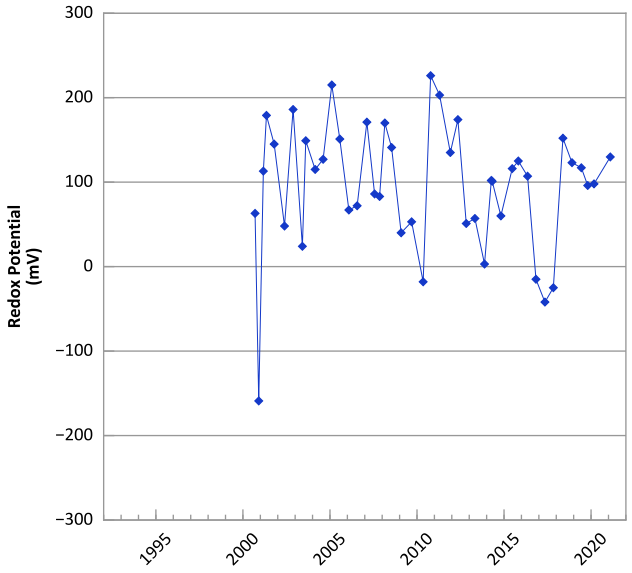
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

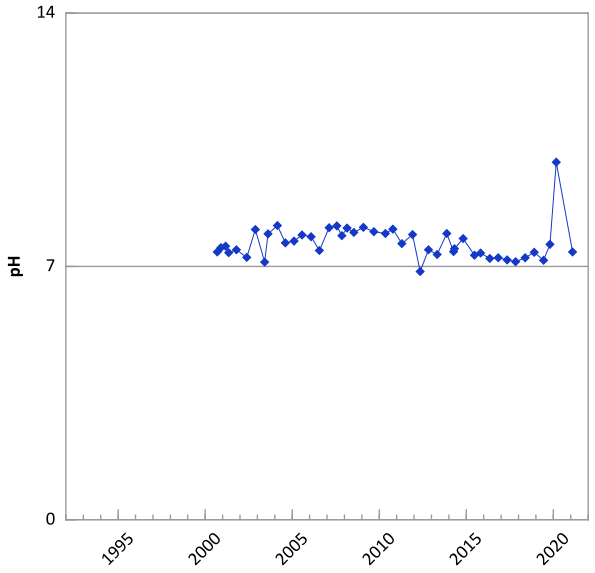
Well Location

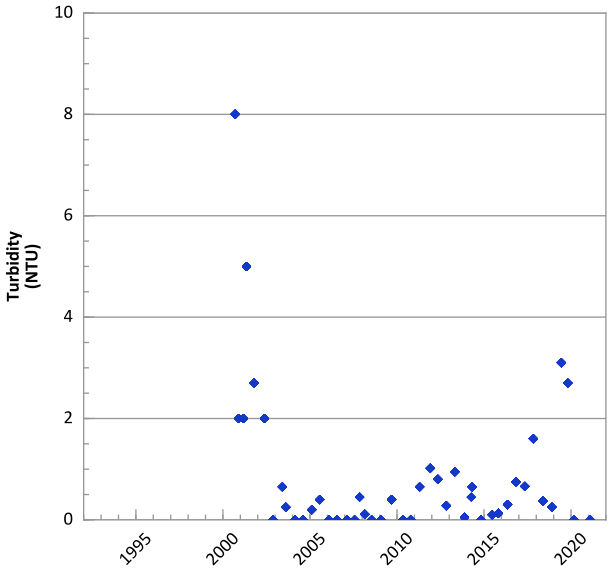


PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



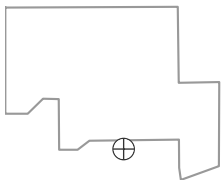






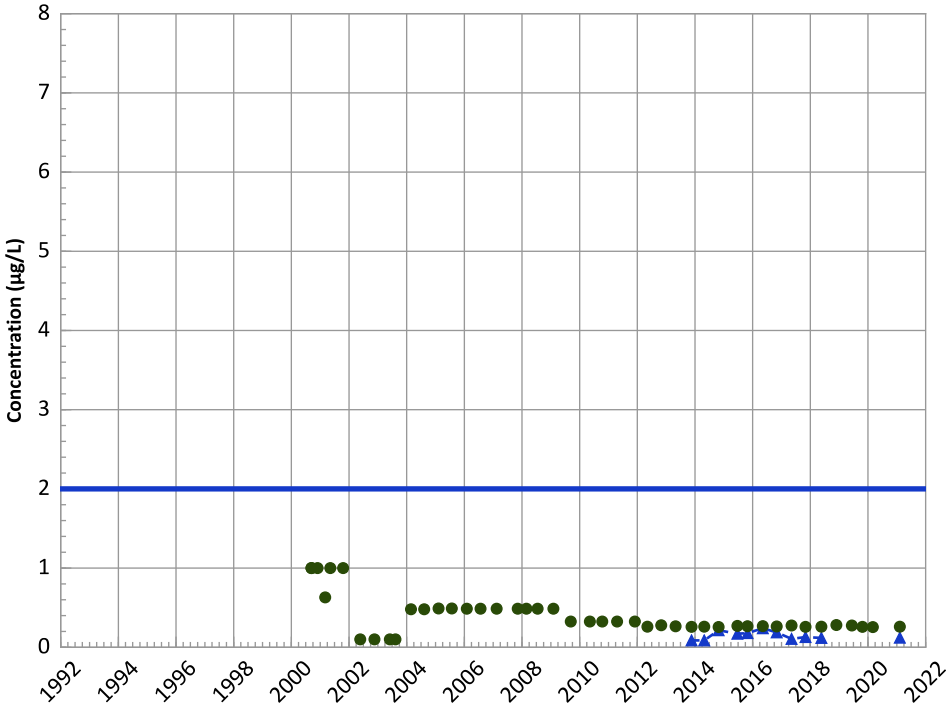
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

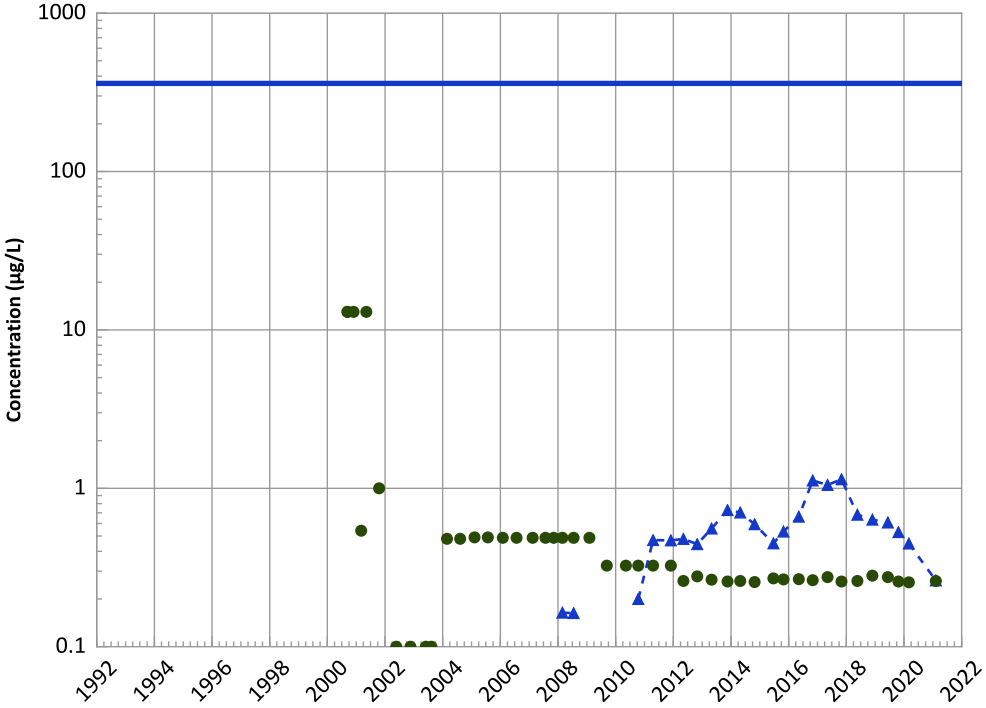


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

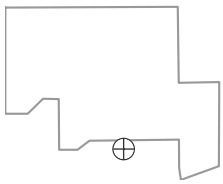
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

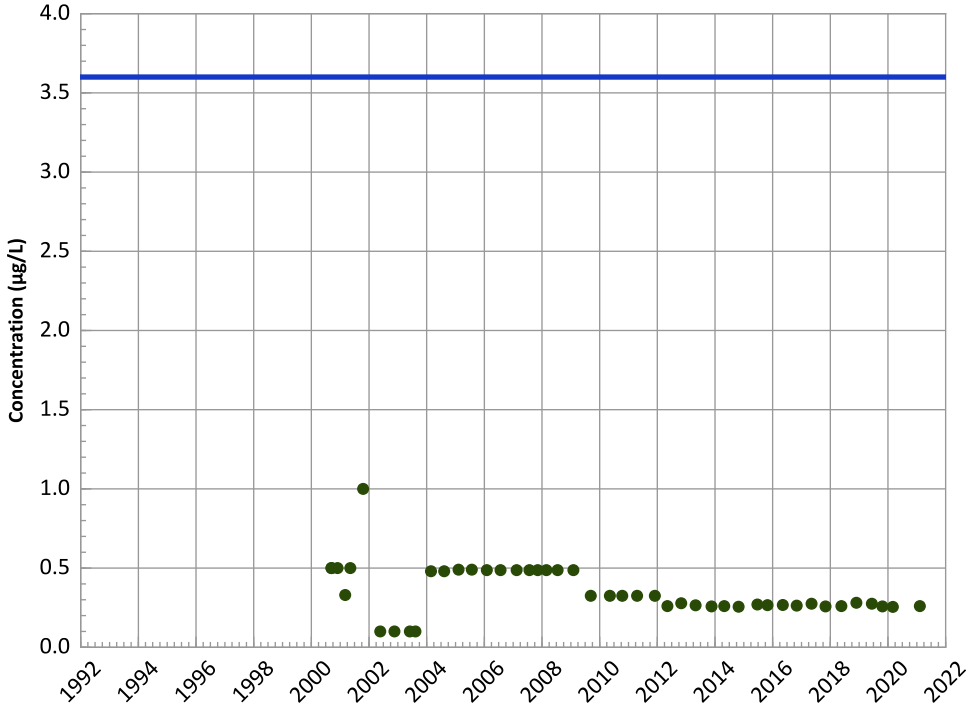
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

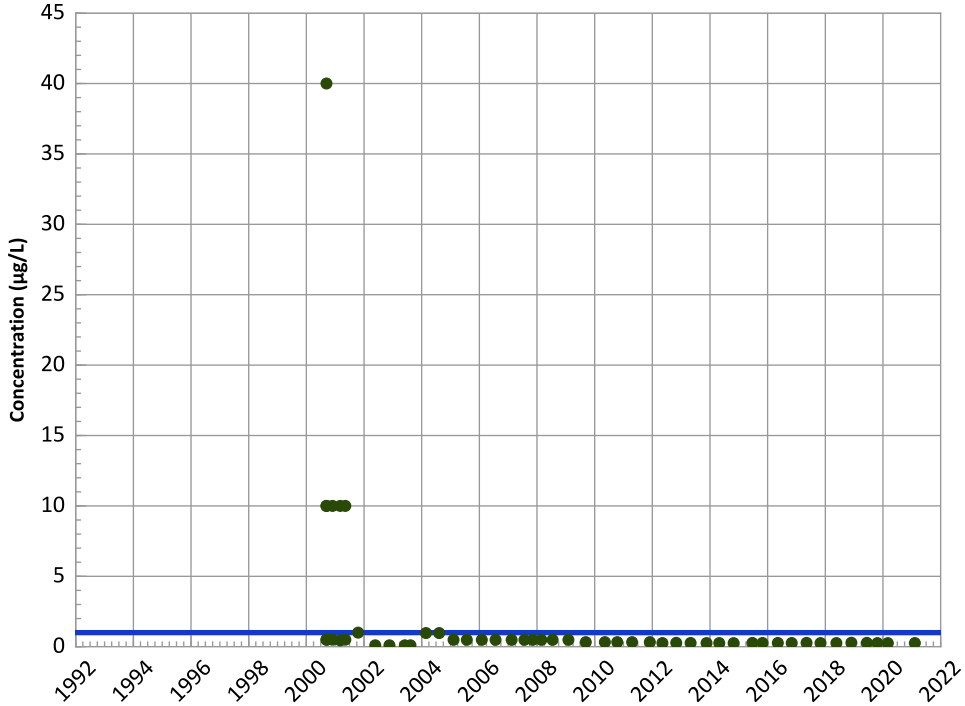


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

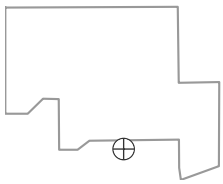
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

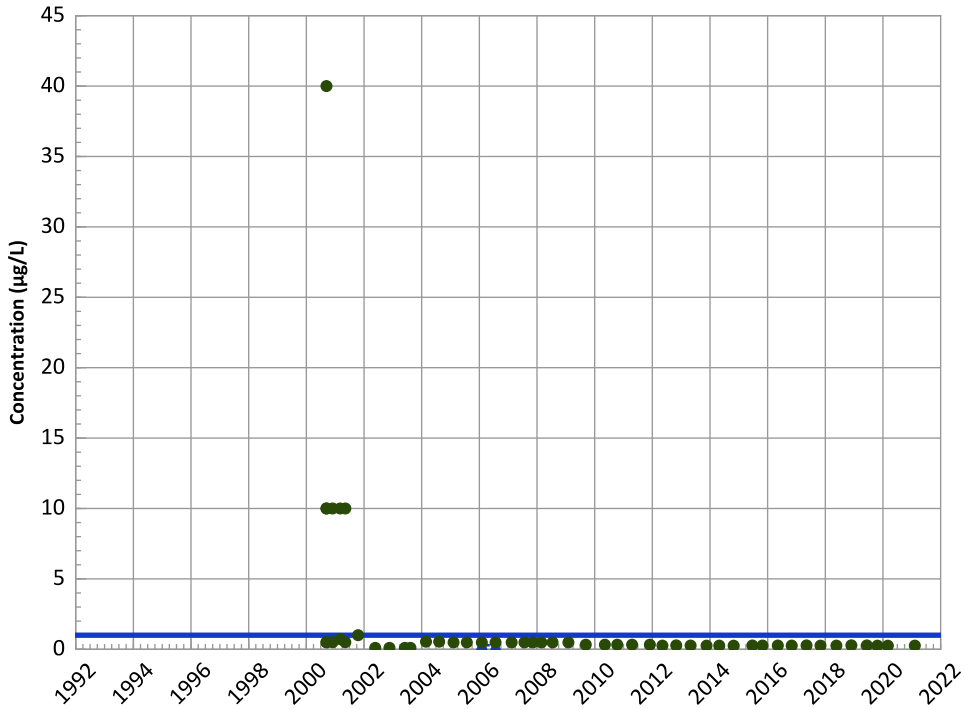
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

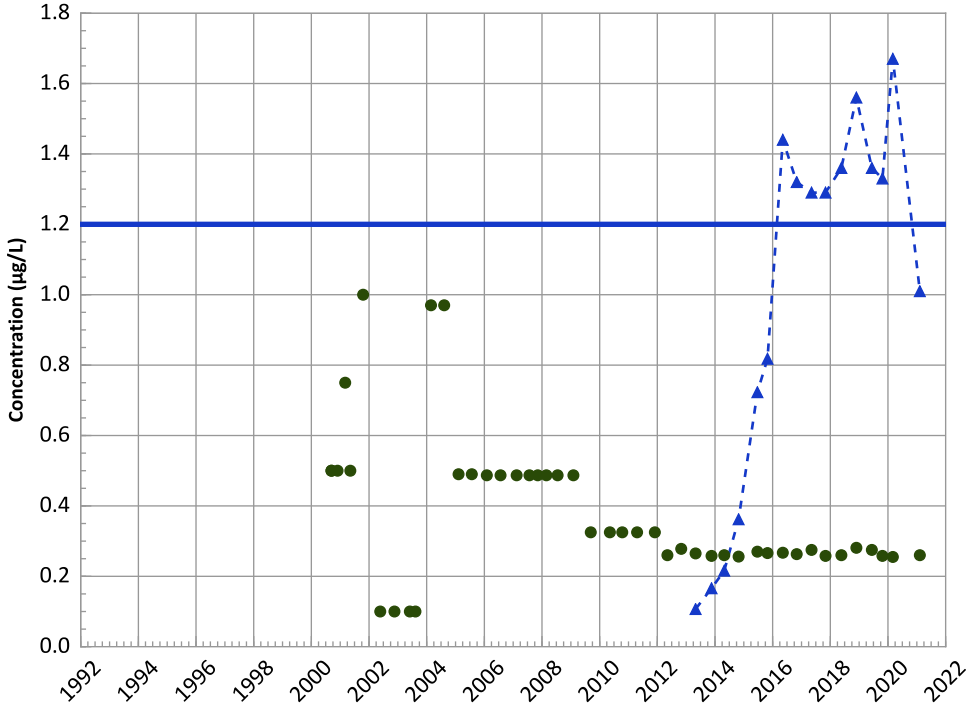


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

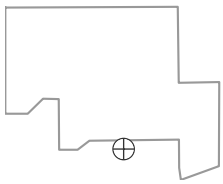
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

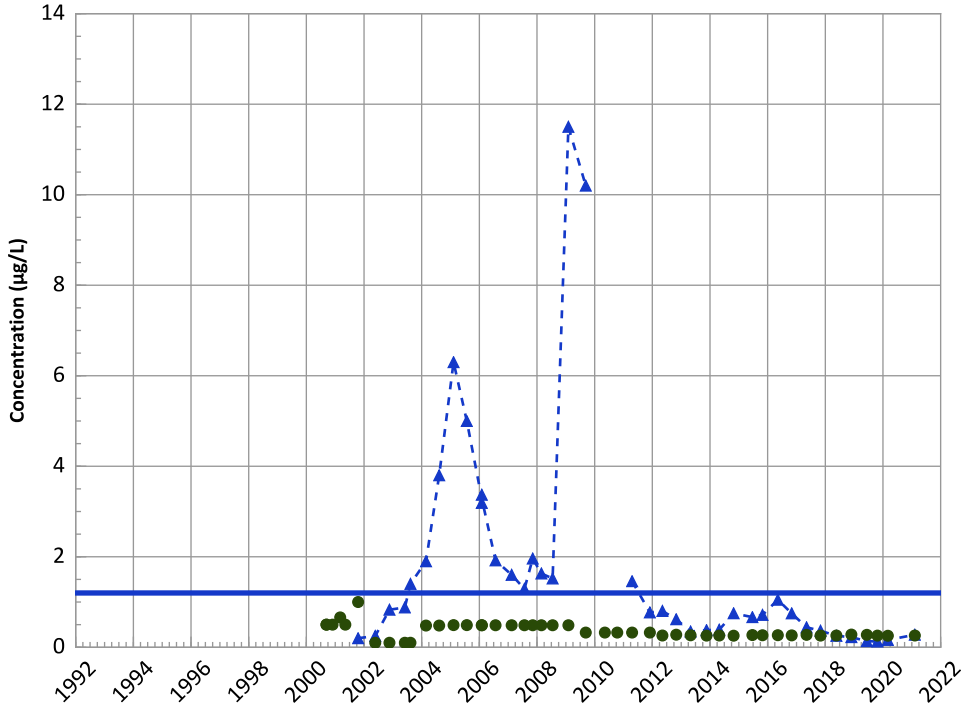
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

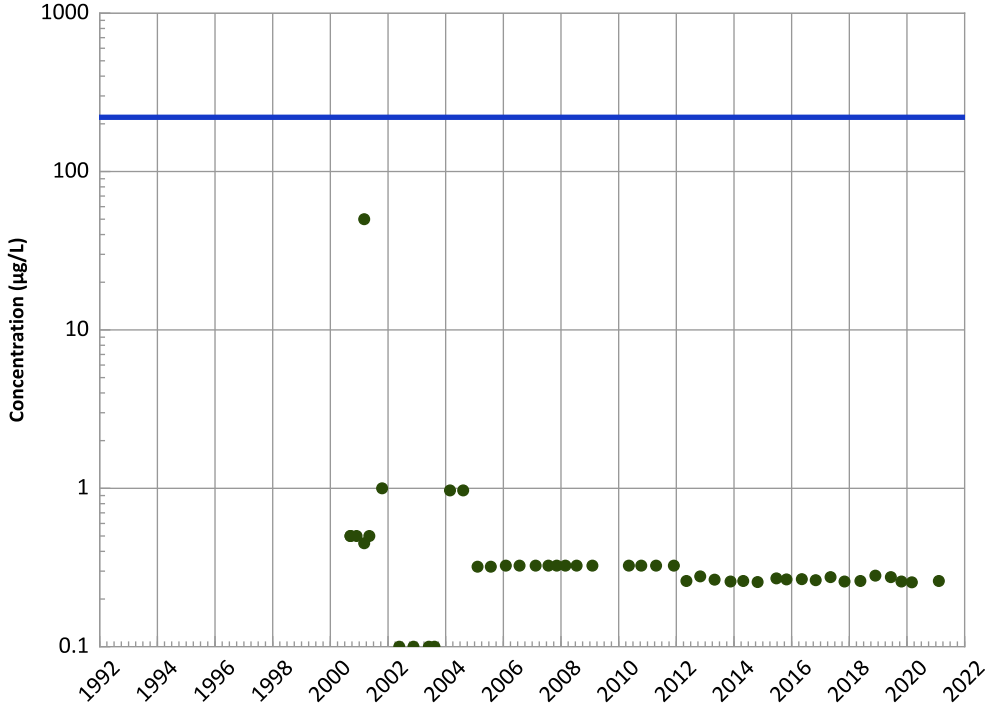


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

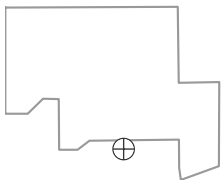
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

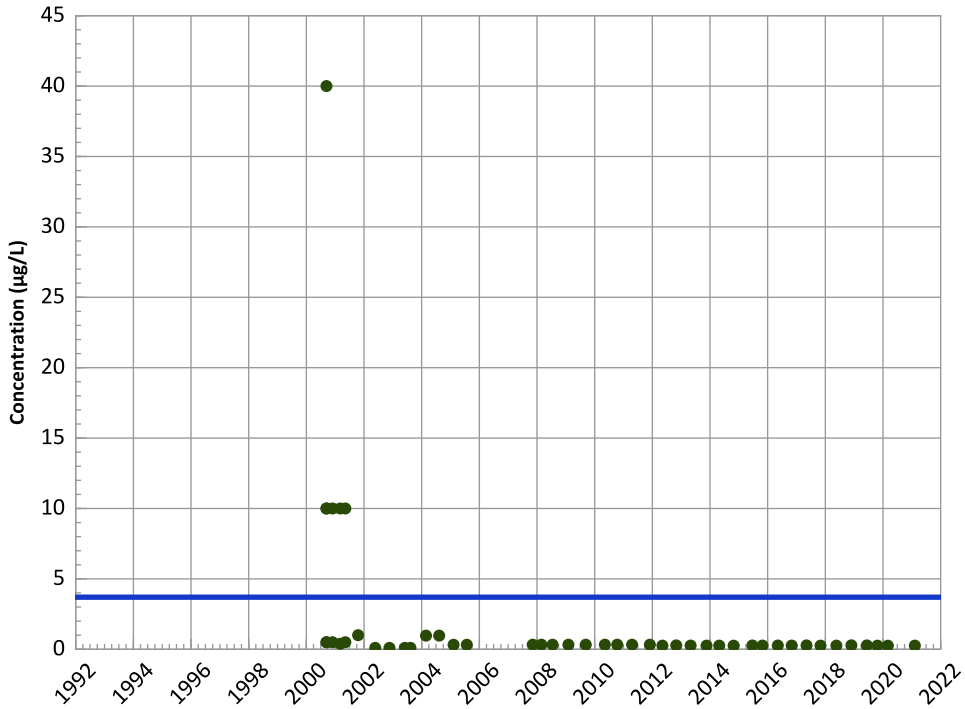
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

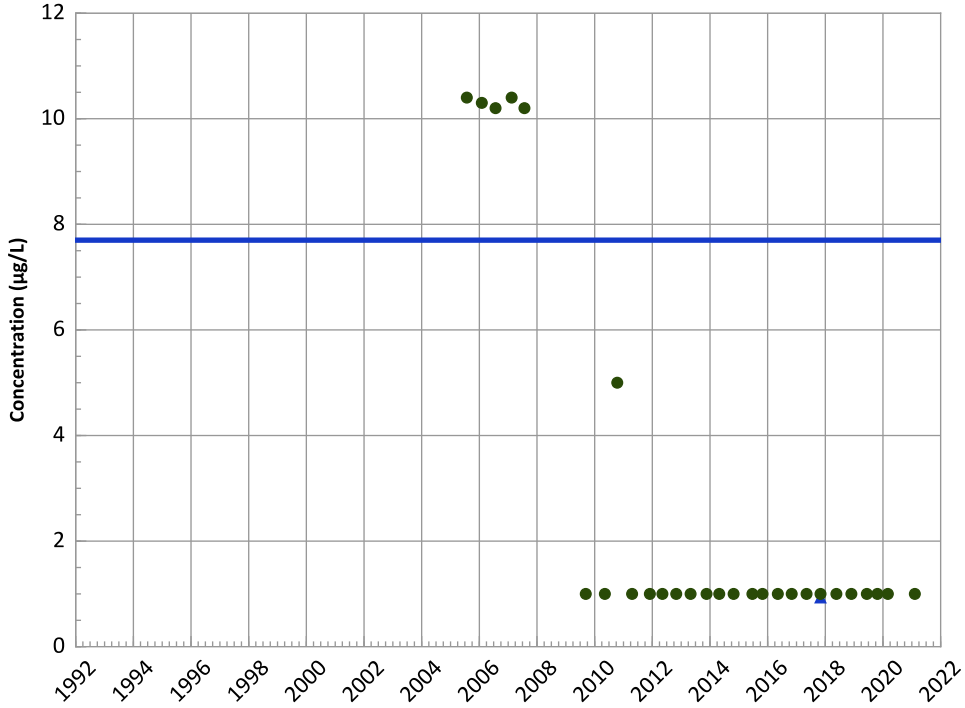


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

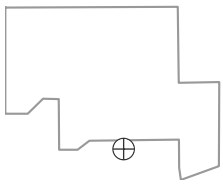
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

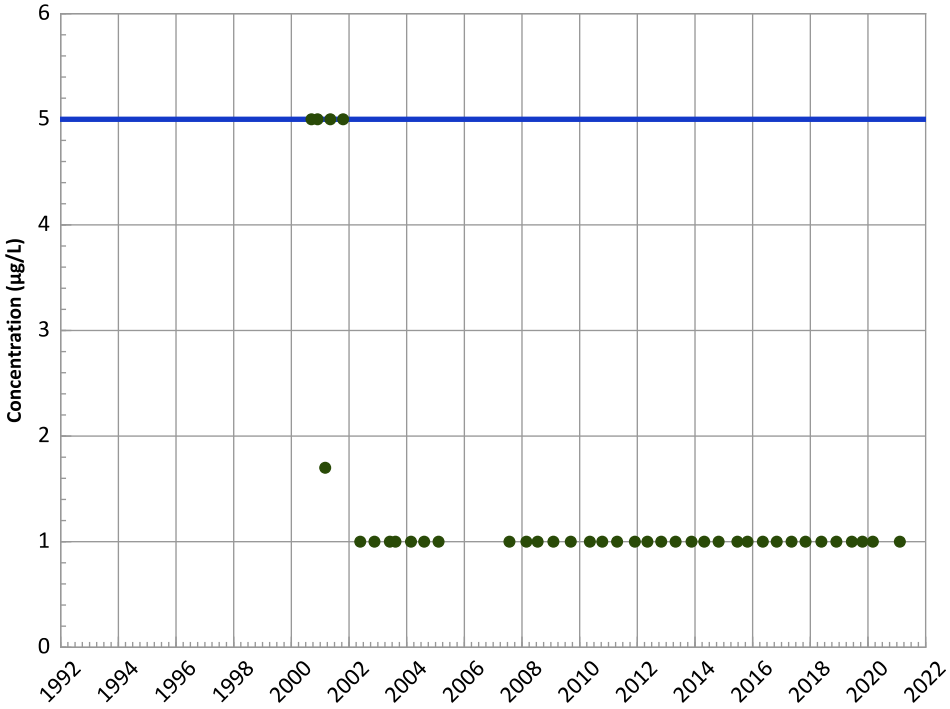
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

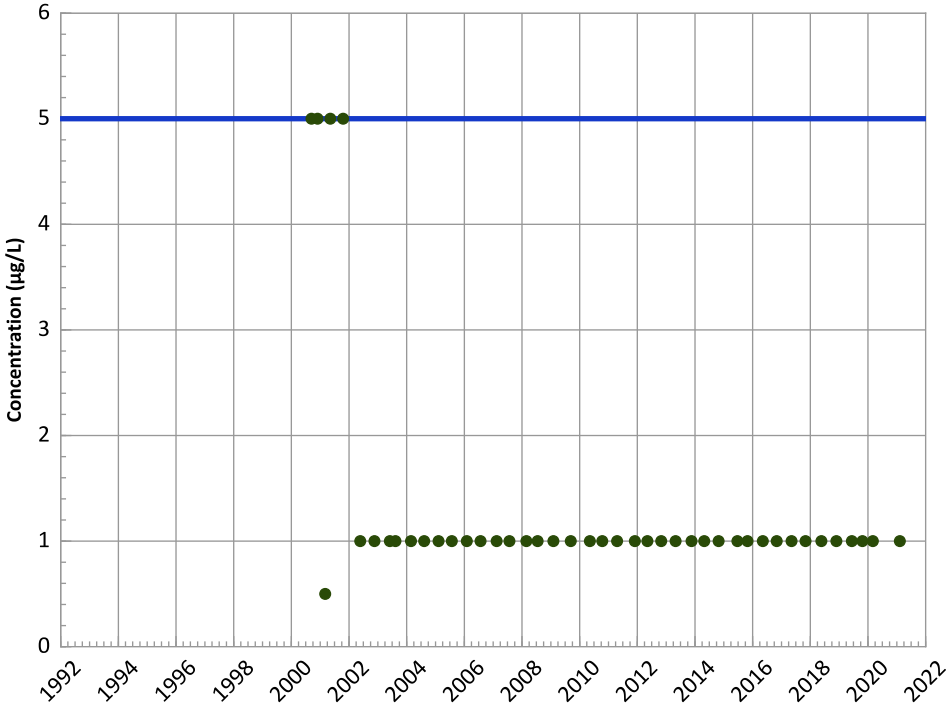


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

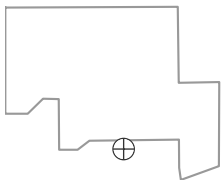
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

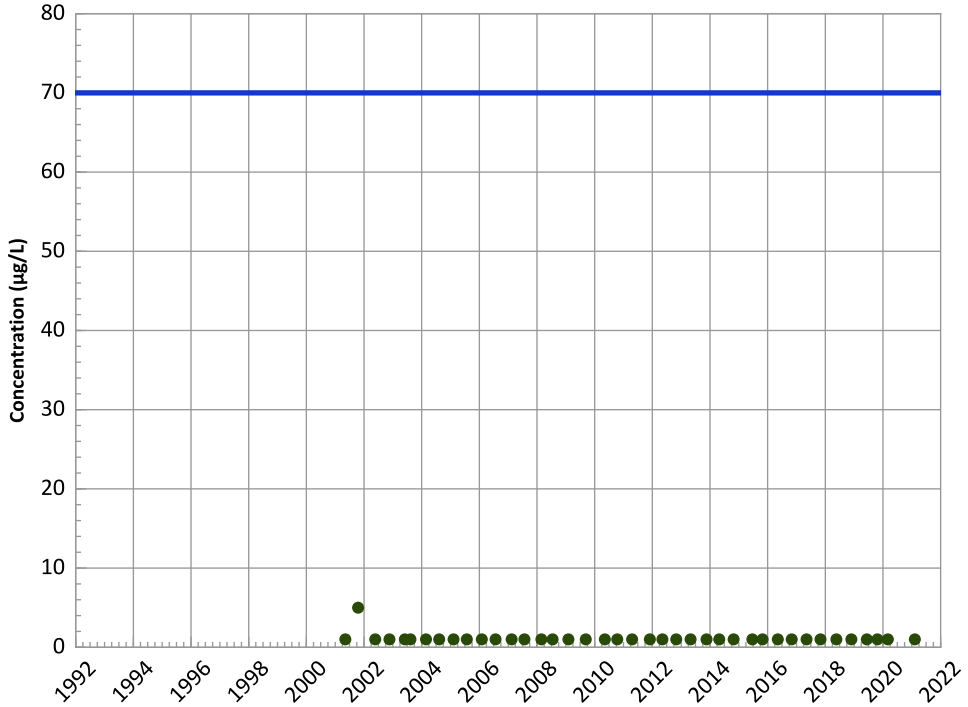
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

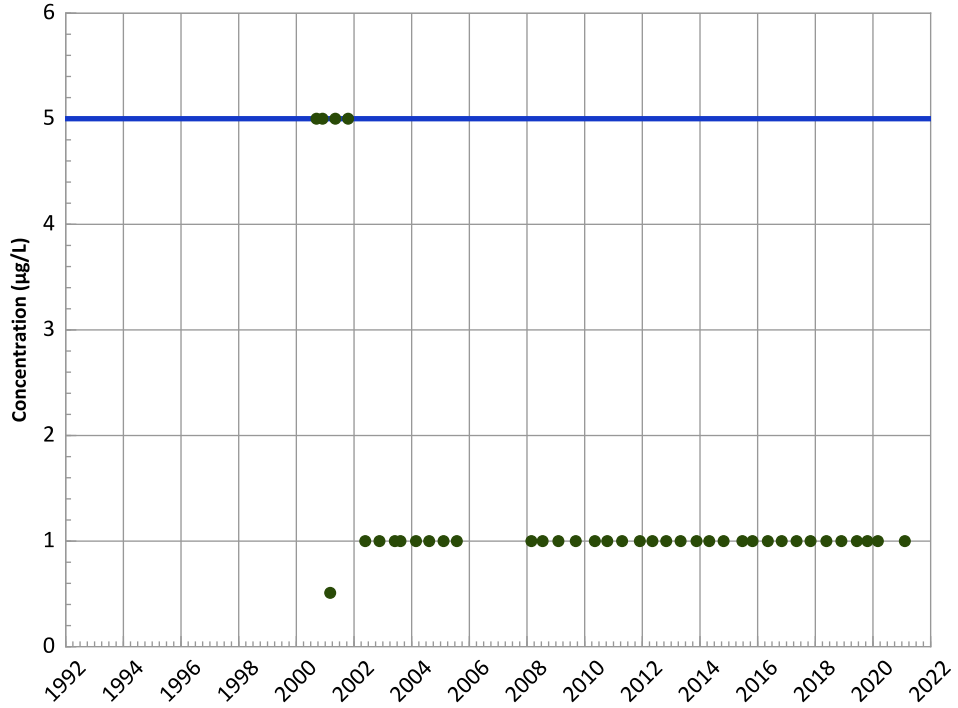


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

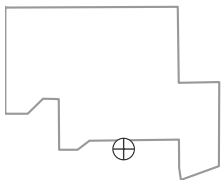
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

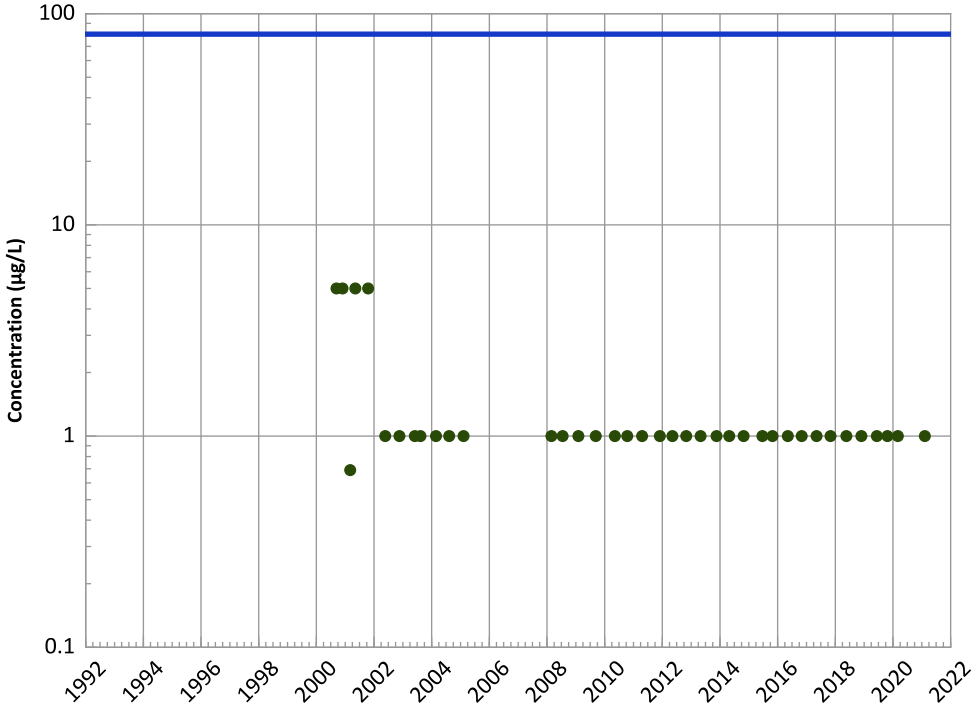
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

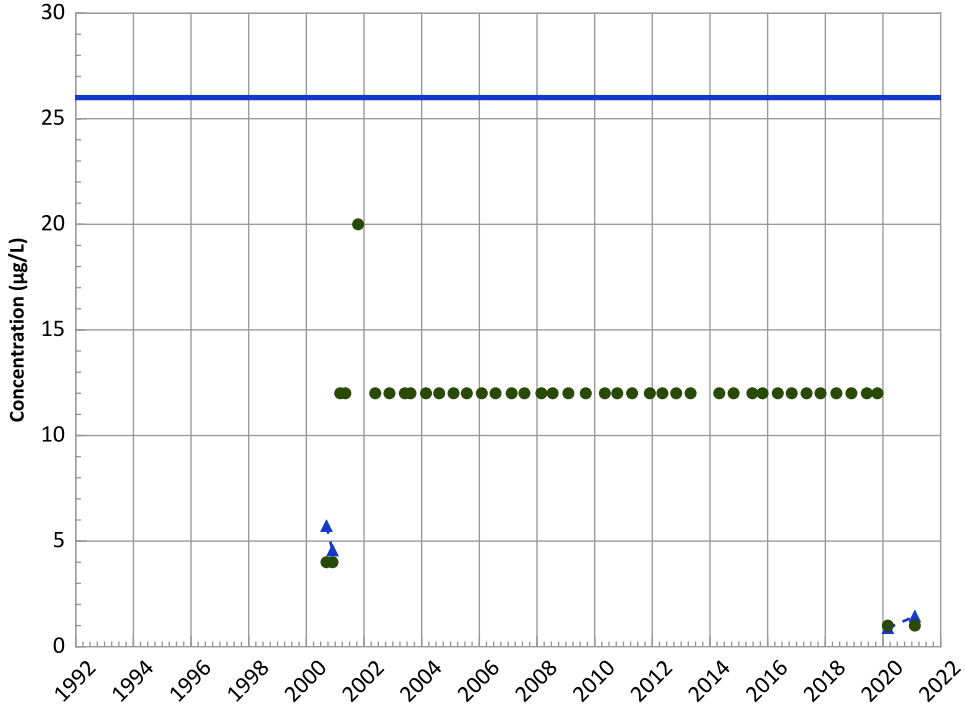


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

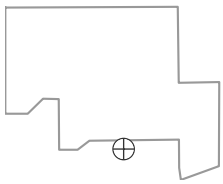
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

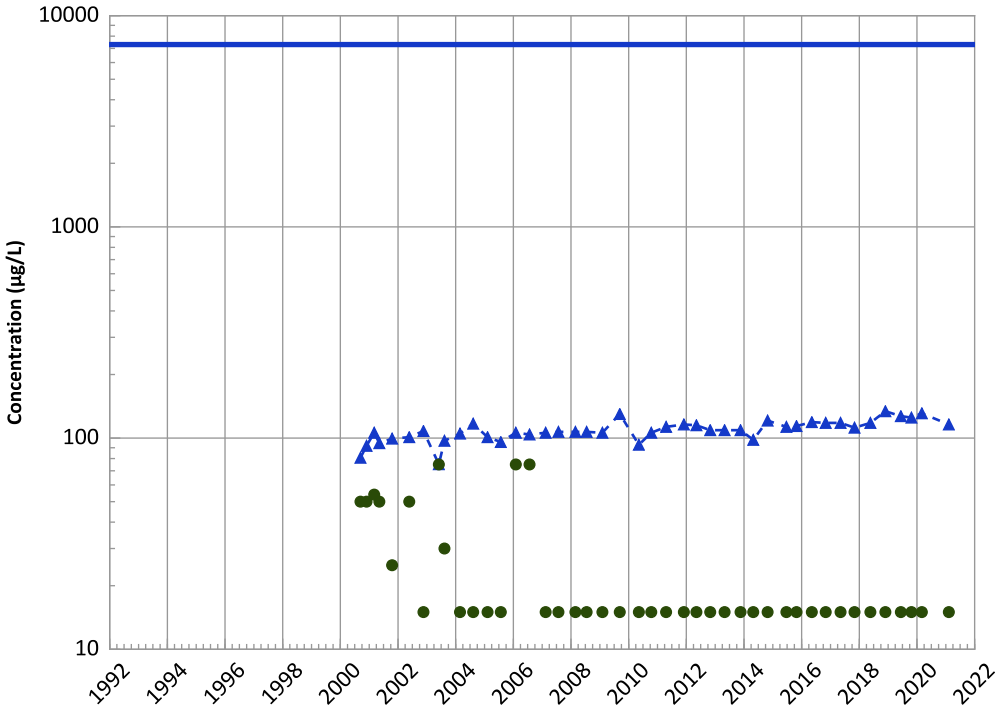
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

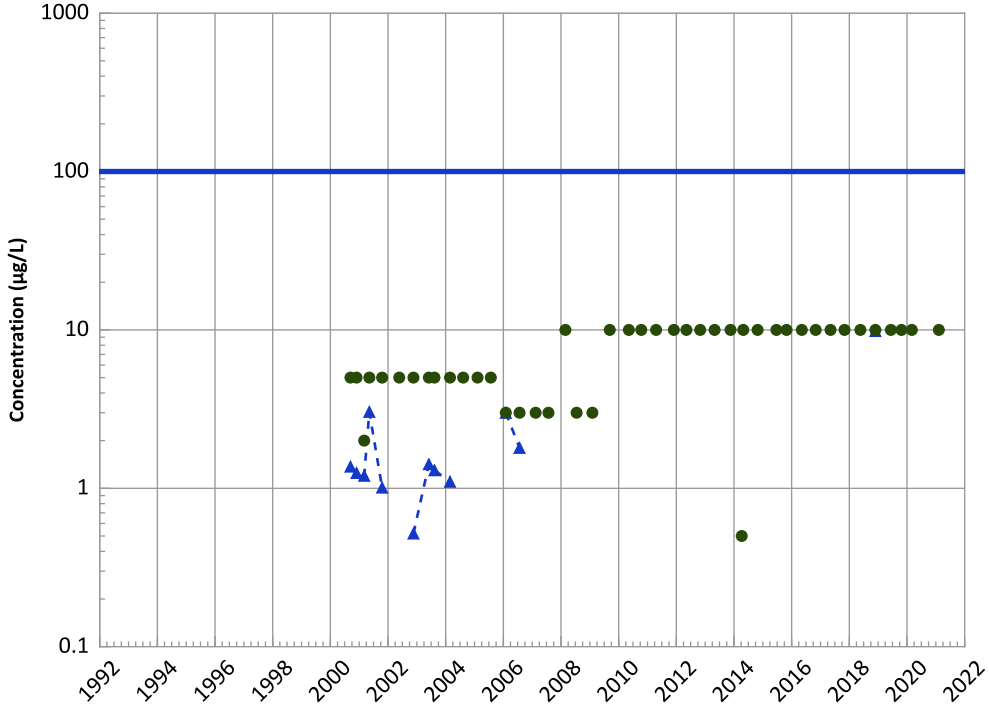


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

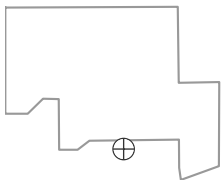
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

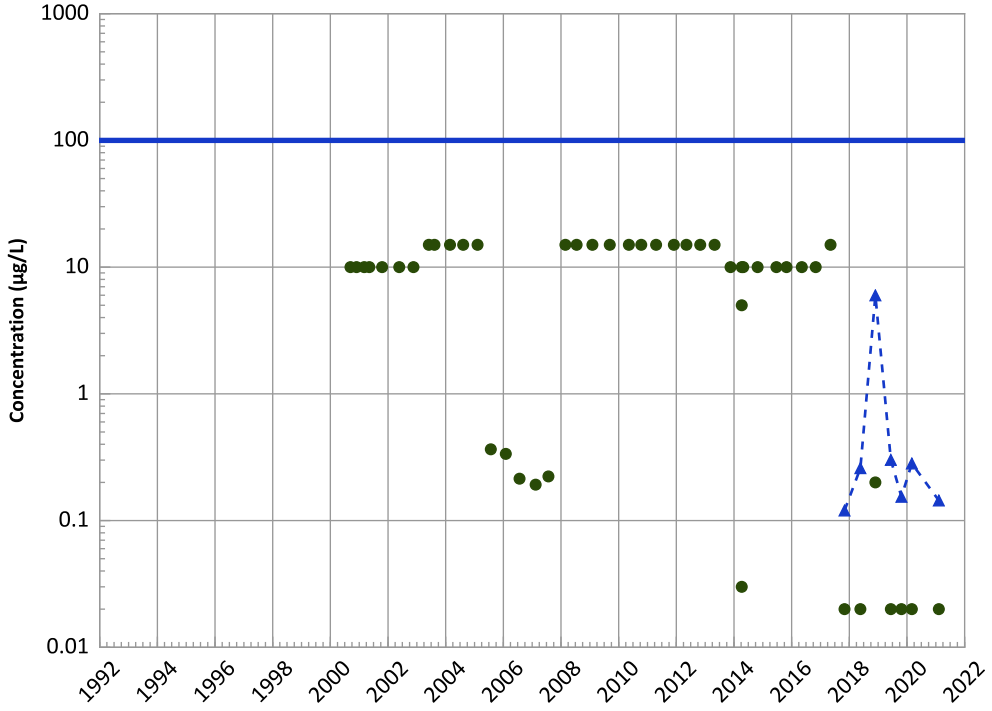
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1053 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

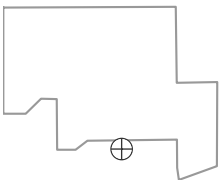
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

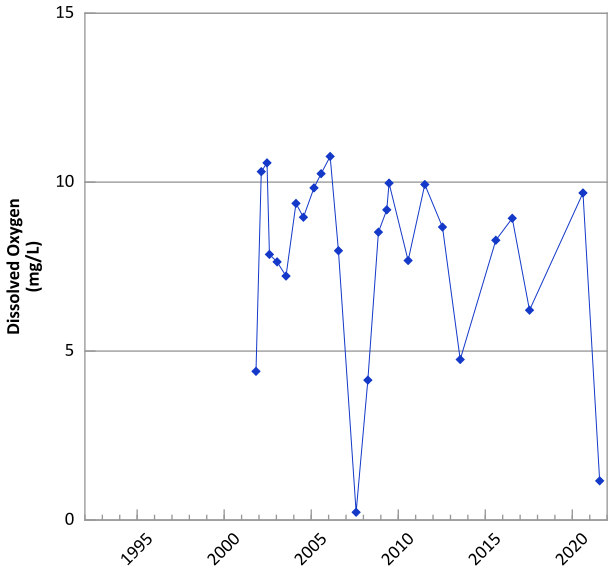
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 02/08/2021
Analysis Date: 04/05/2022

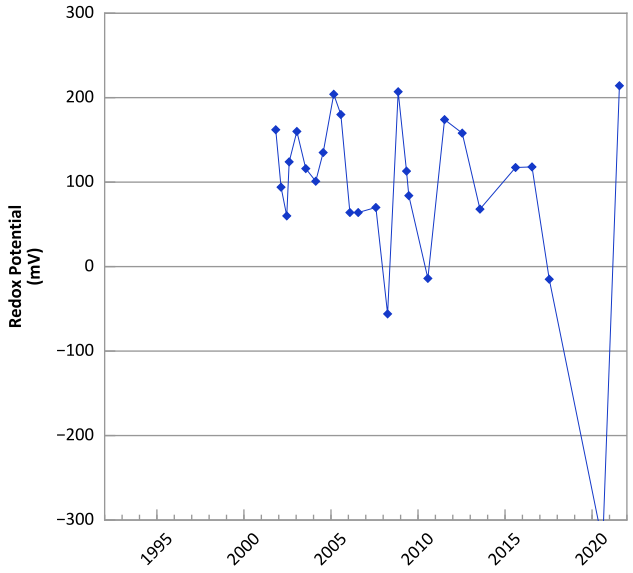
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

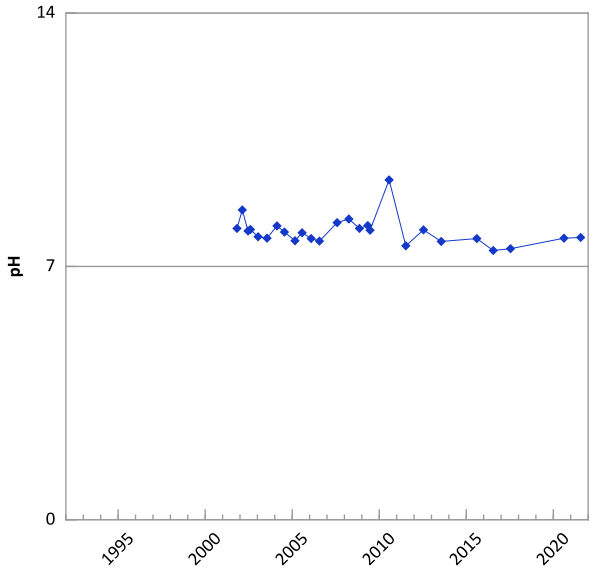
Well Location

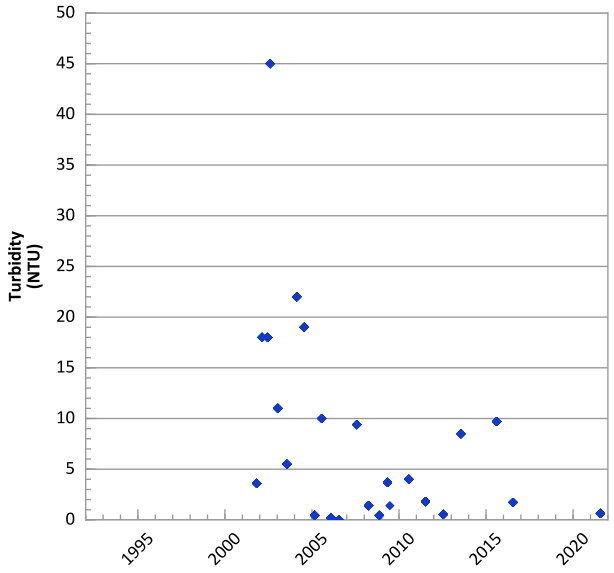


PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



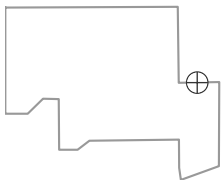






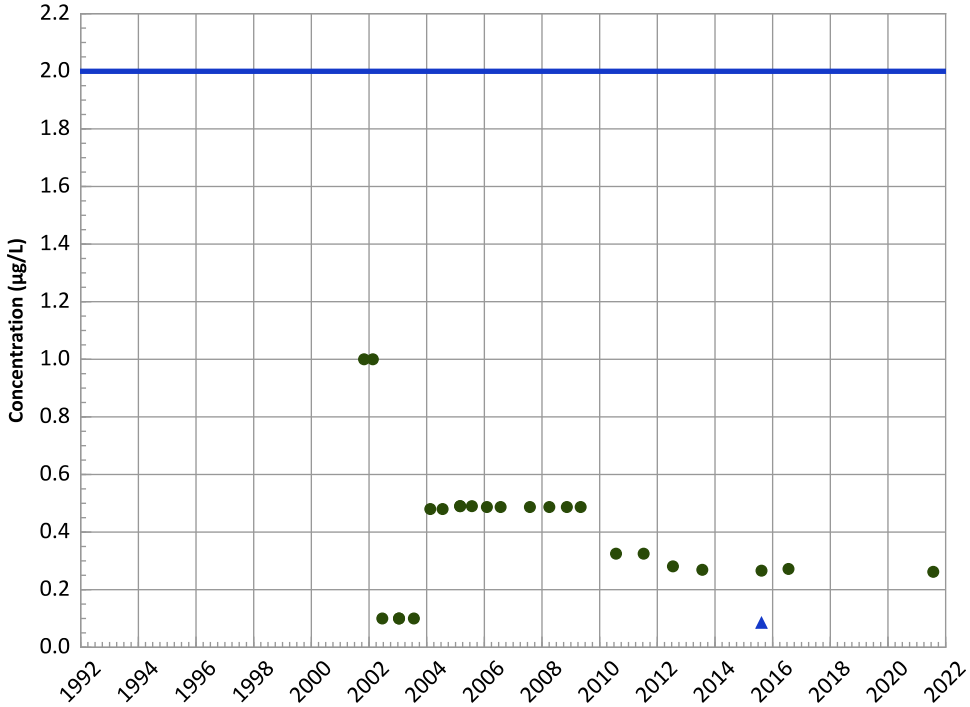
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

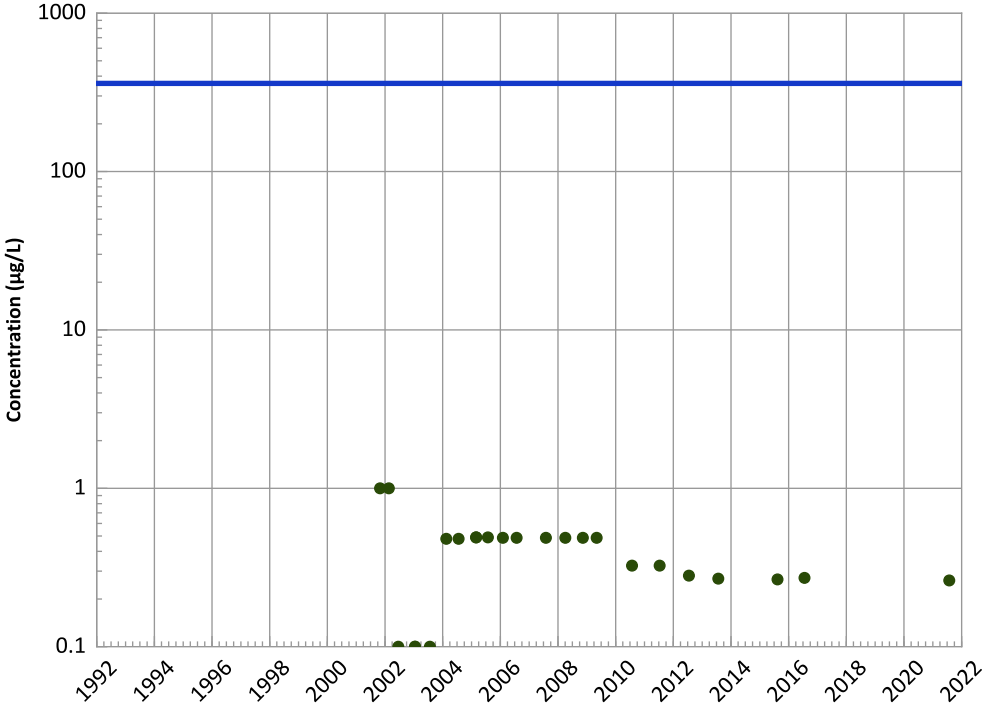


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

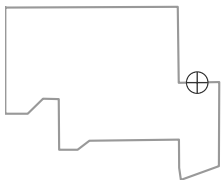
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

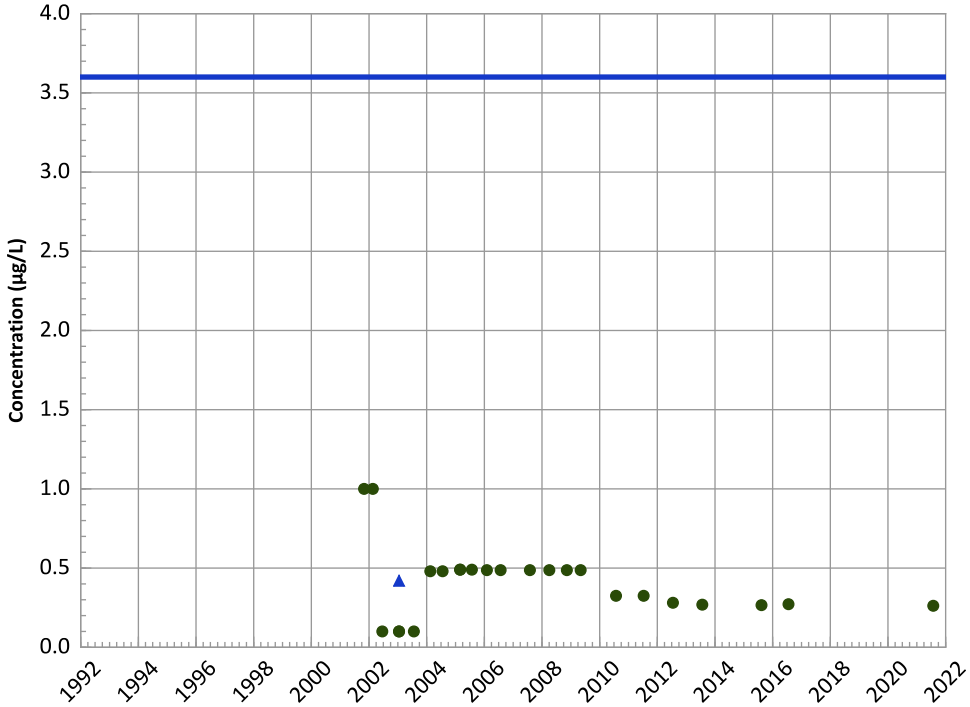
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

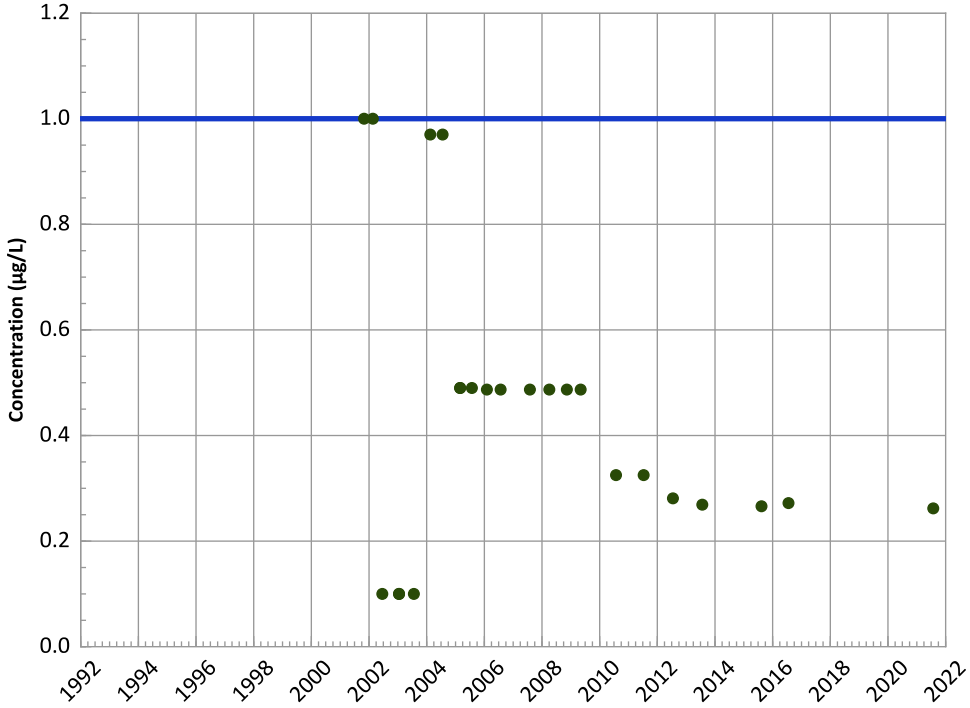


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

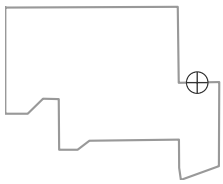
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

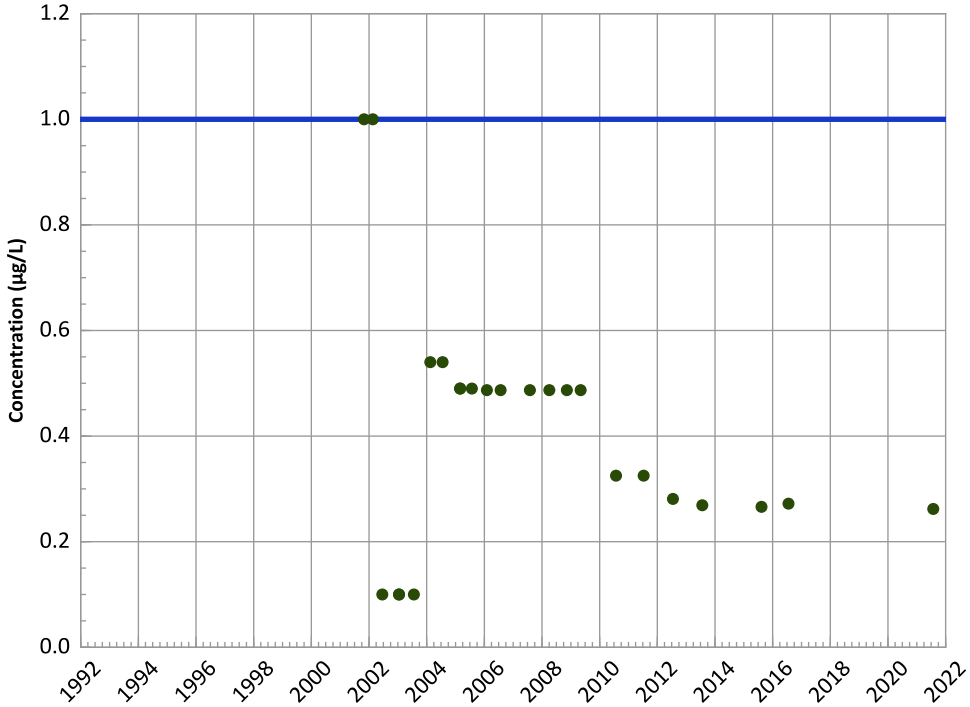
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

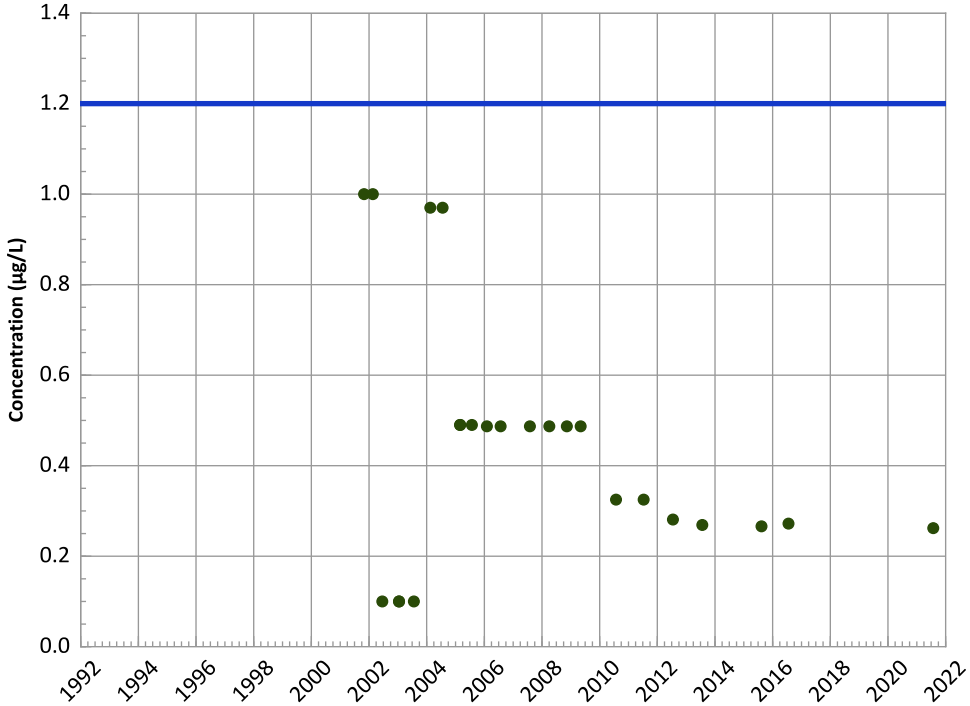


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

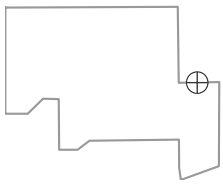
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

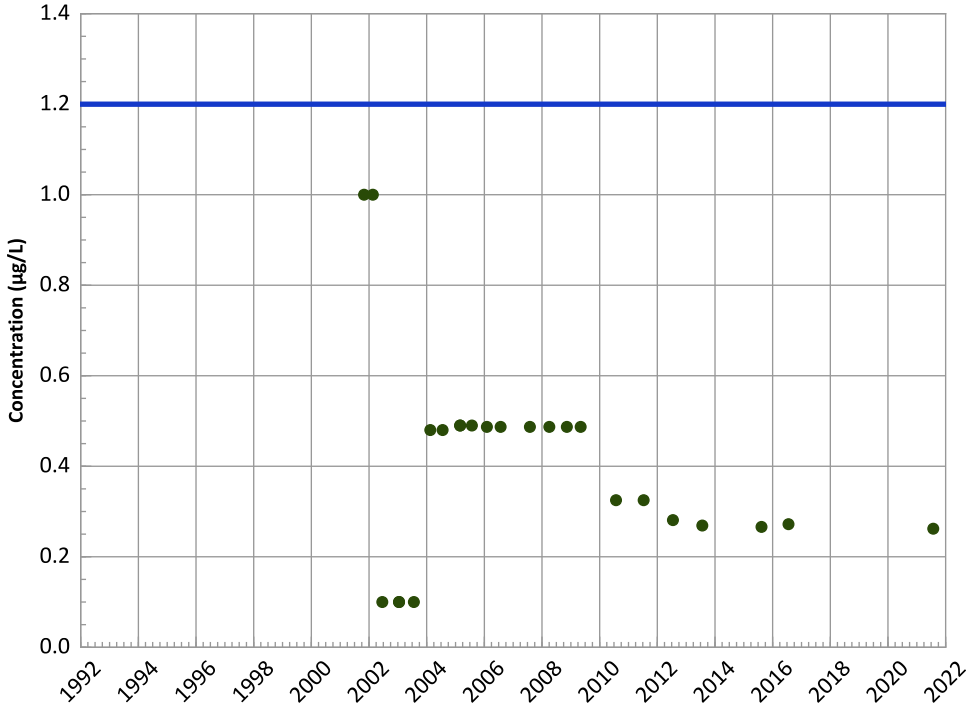
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

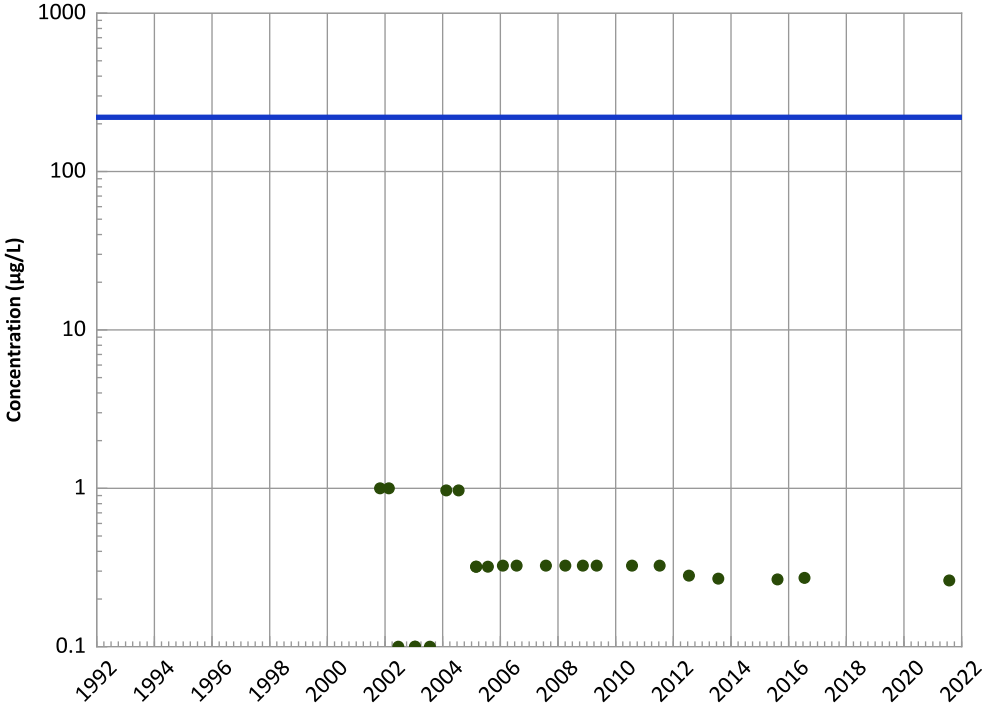


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

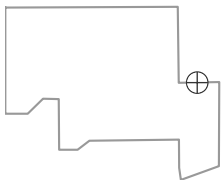
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

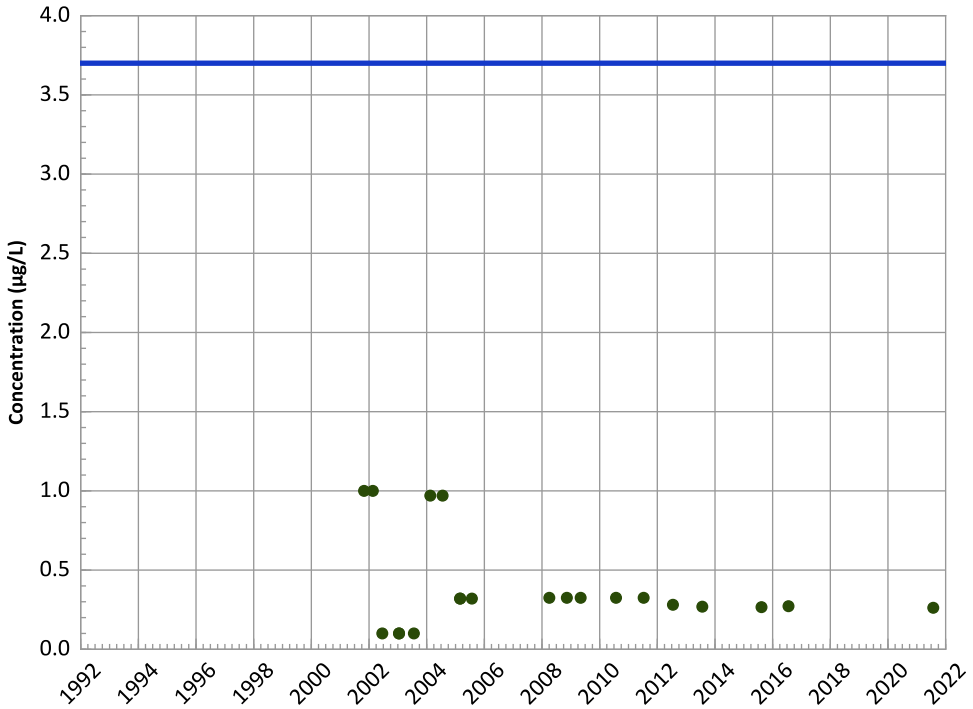
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

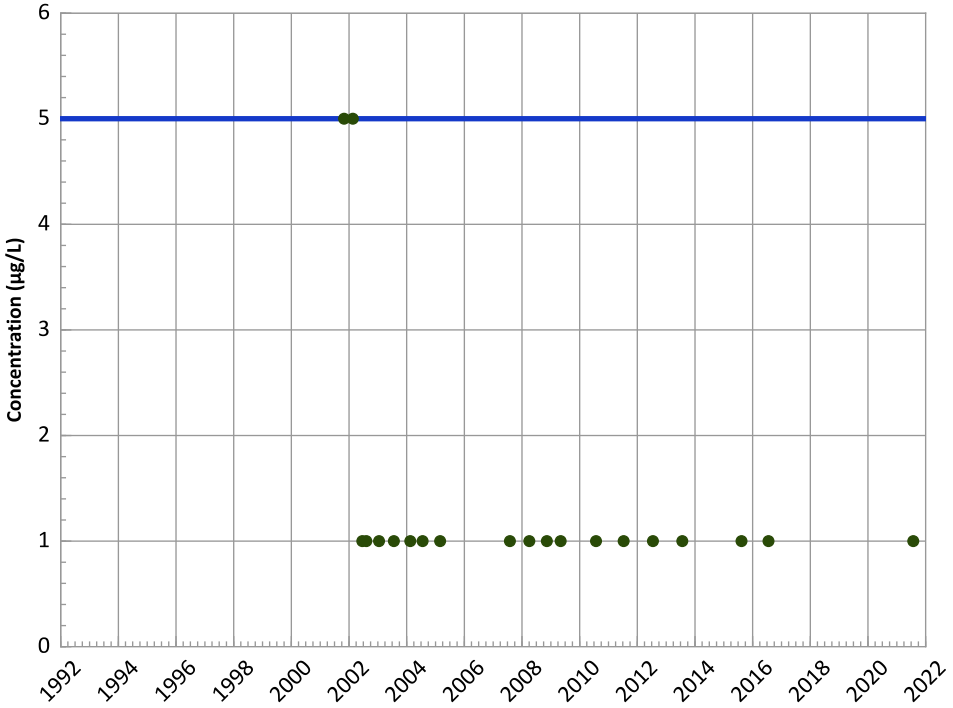


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

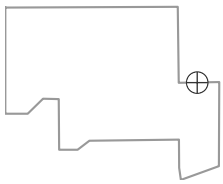
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

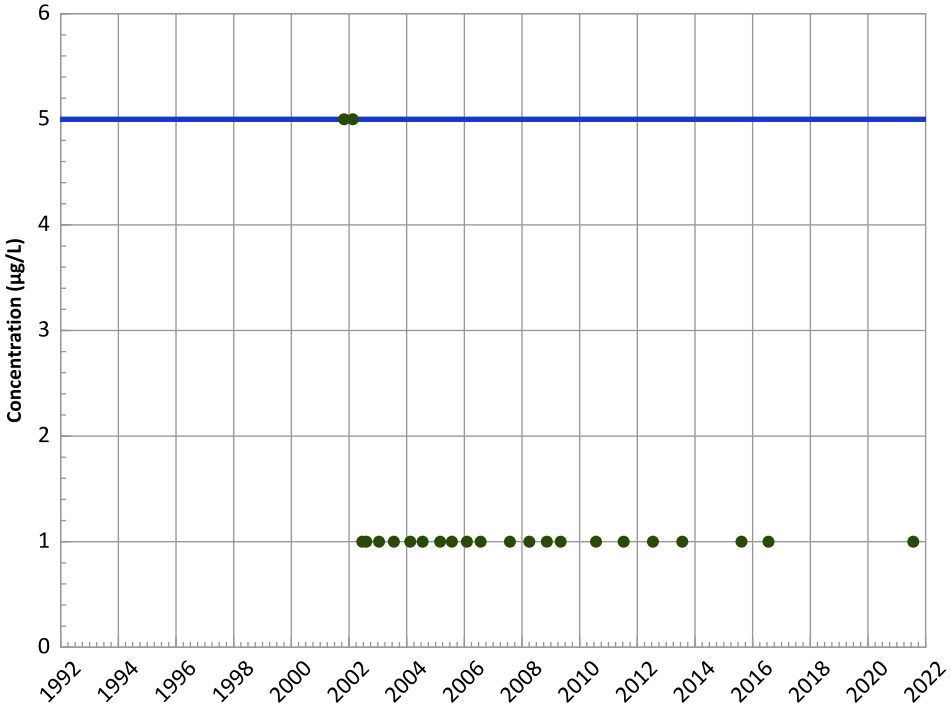
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

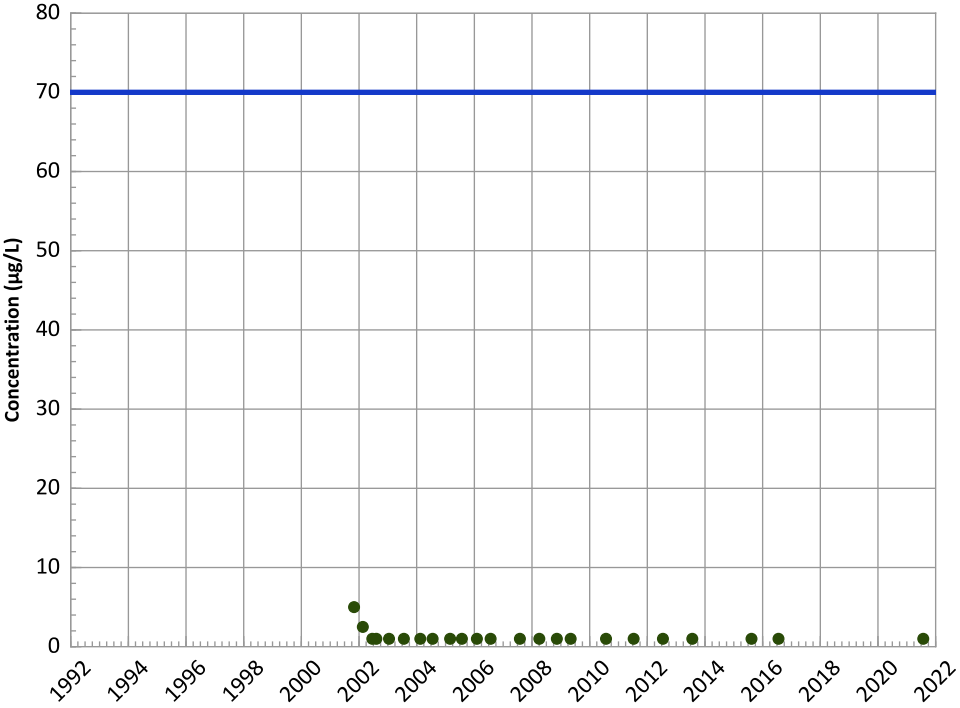


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

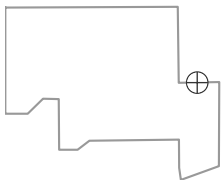
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

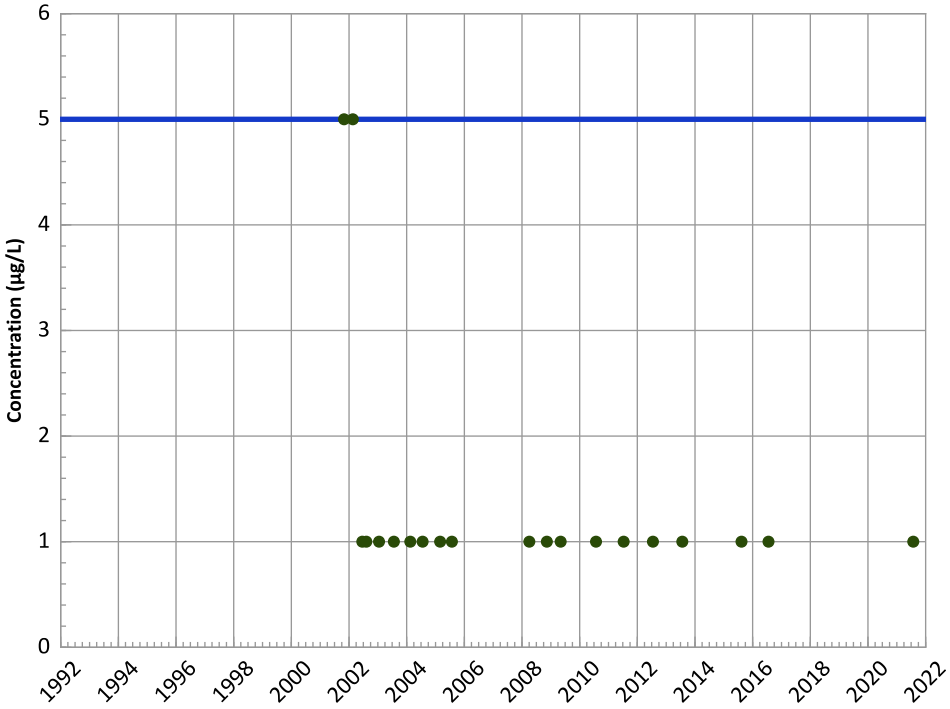
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

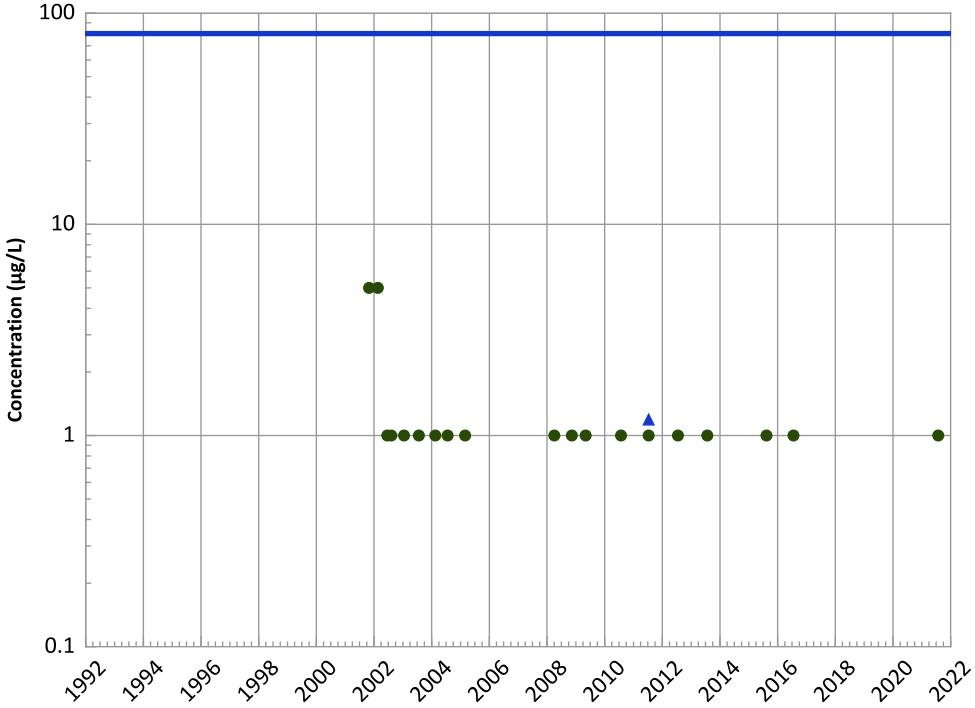


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

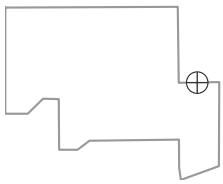
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

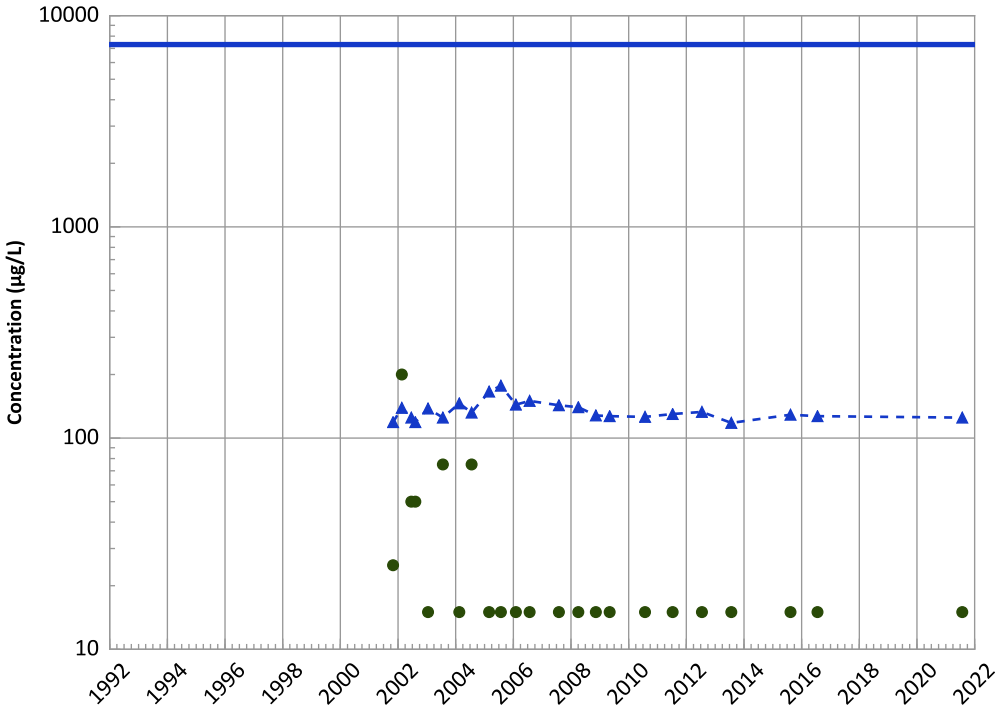
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

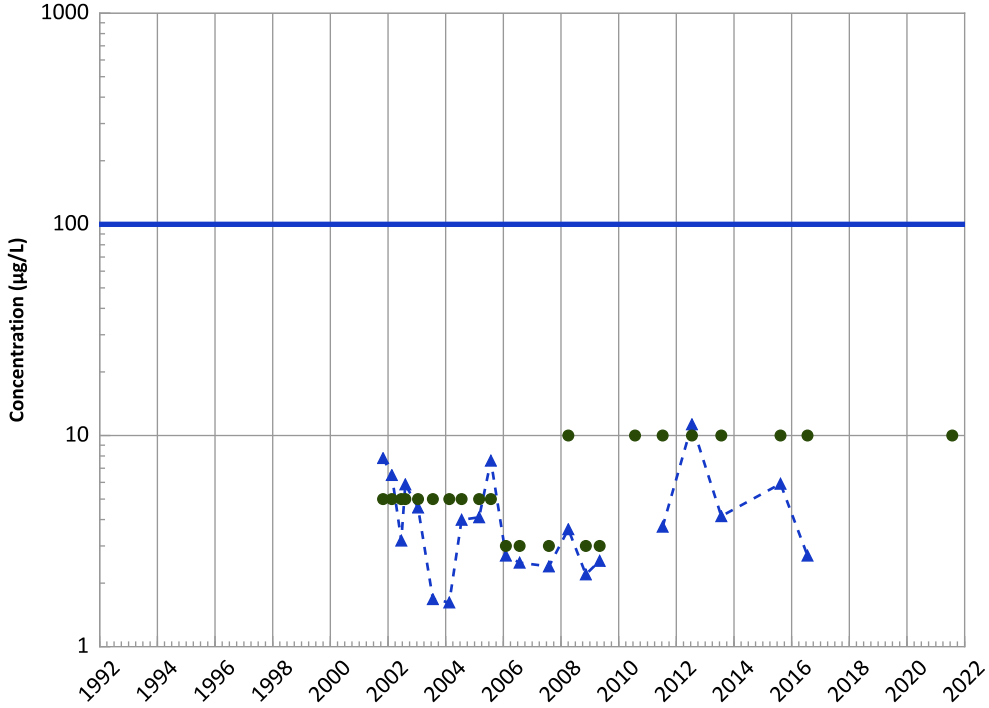


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Chromium, Total Trend



Concentration Trend

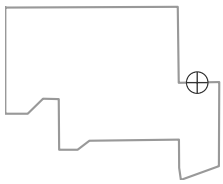
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

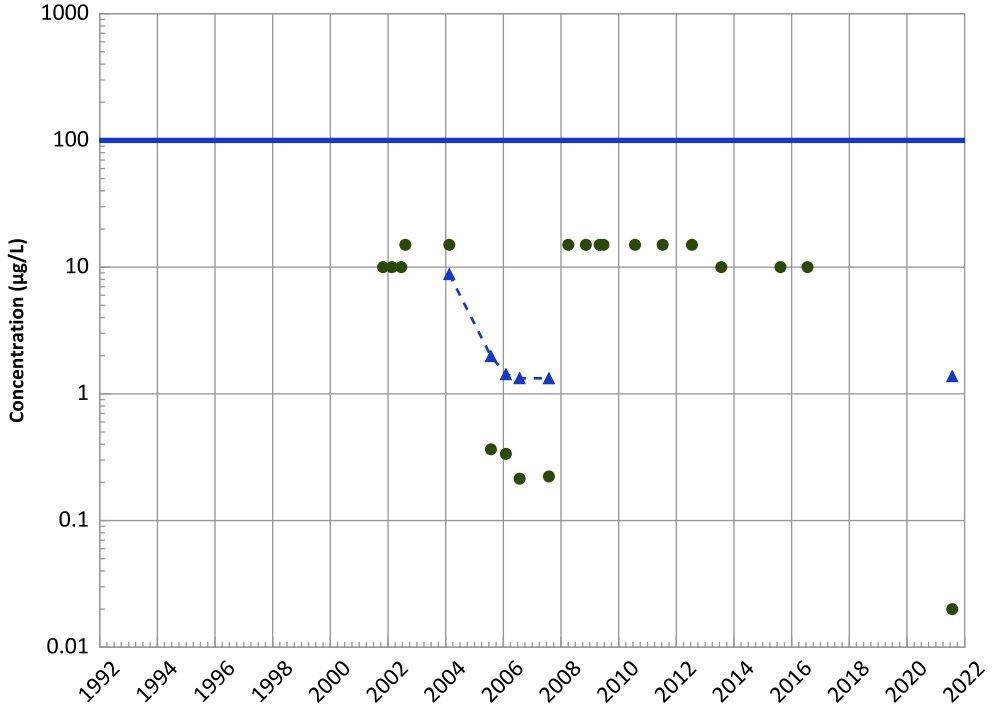
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1069 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

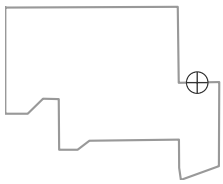
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

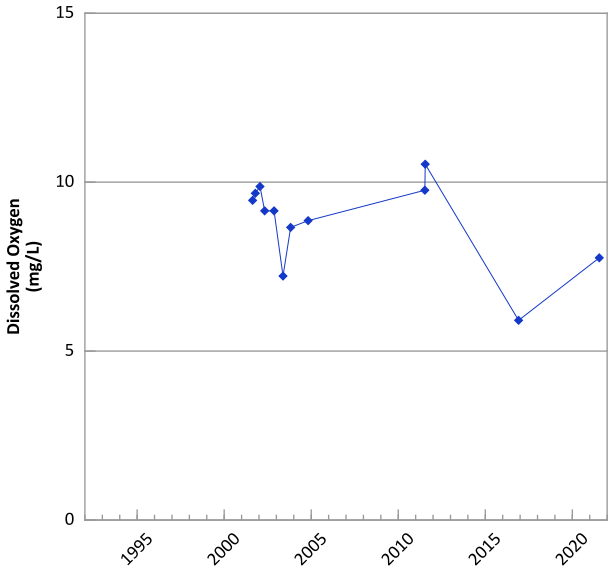
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/30/2001 to 07/28/2021
Analysis Date: 04/05/2022

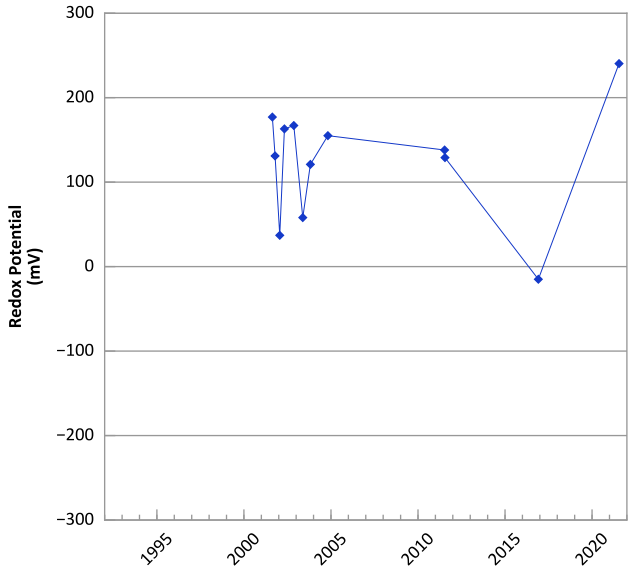
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

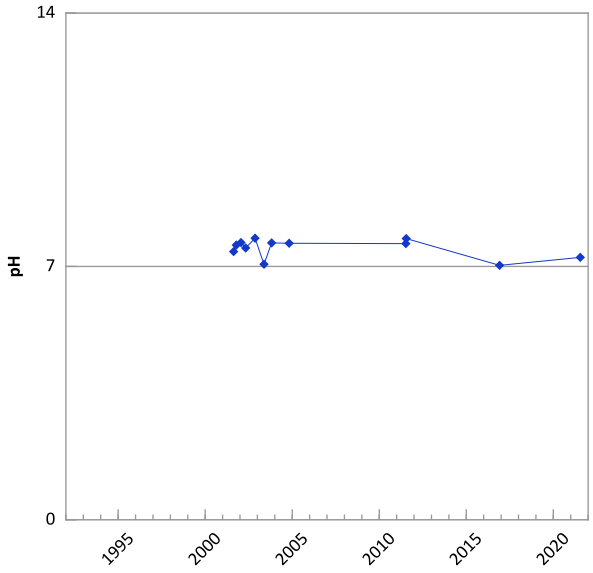
Well Location

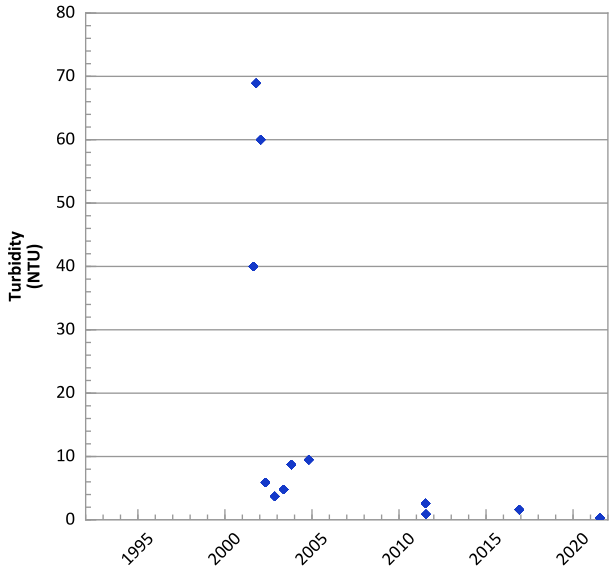


PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



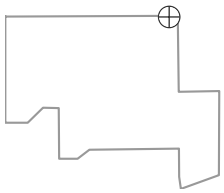






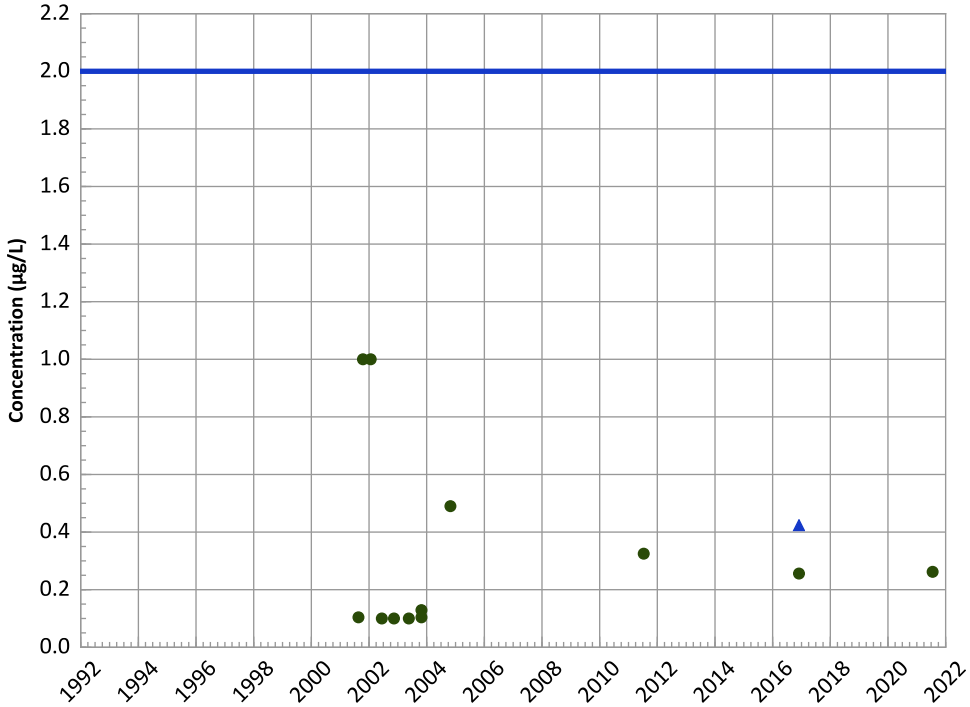
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

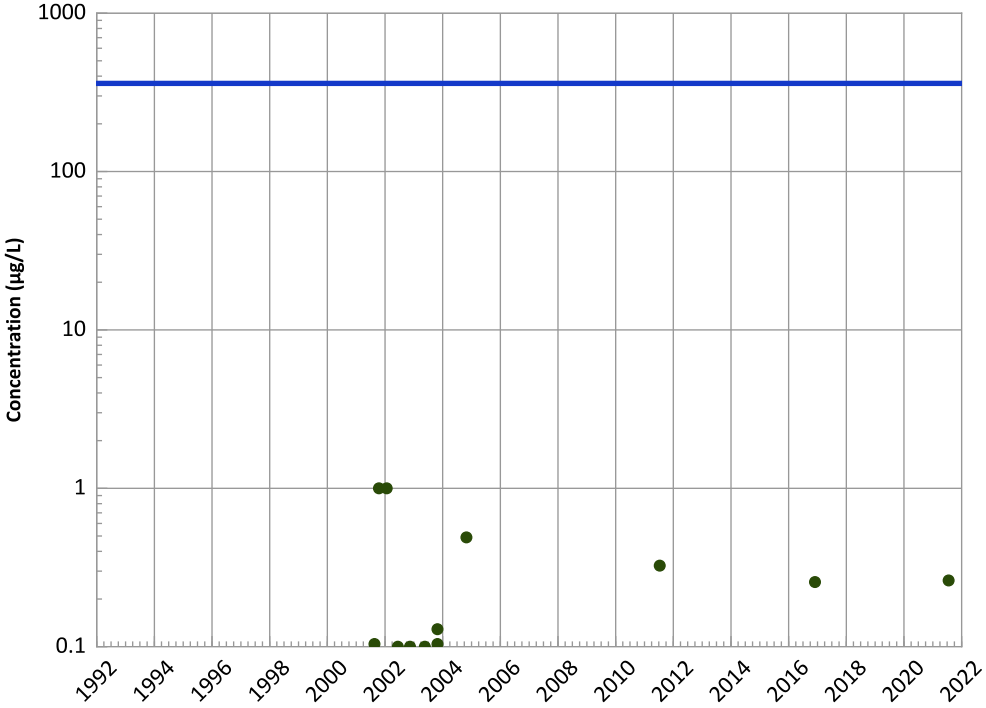


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

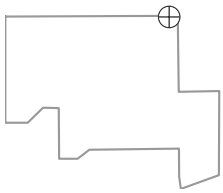
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

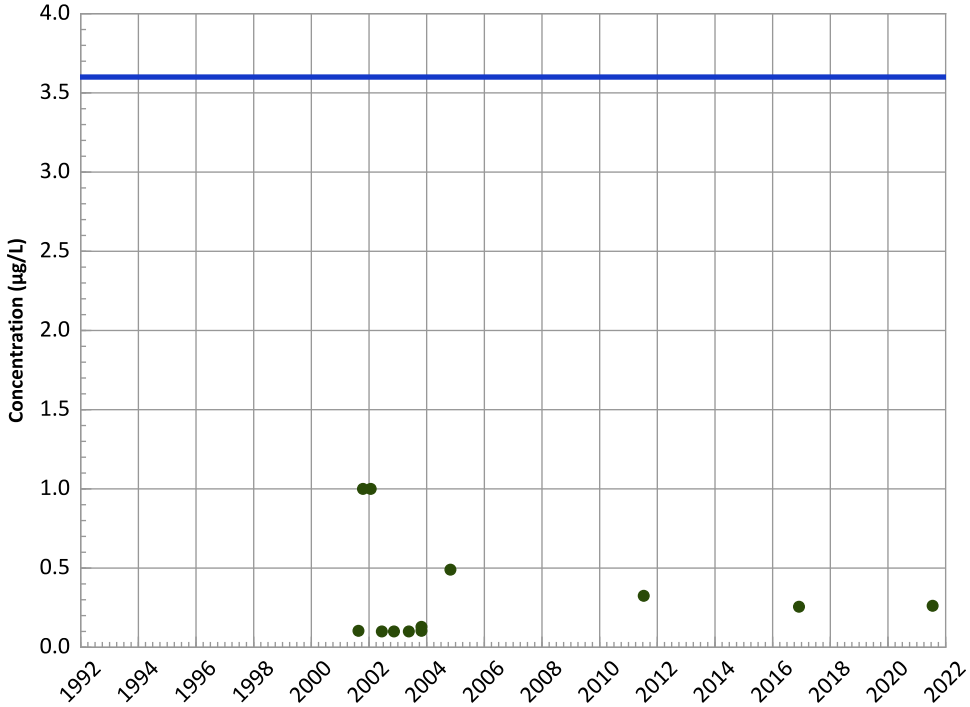
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

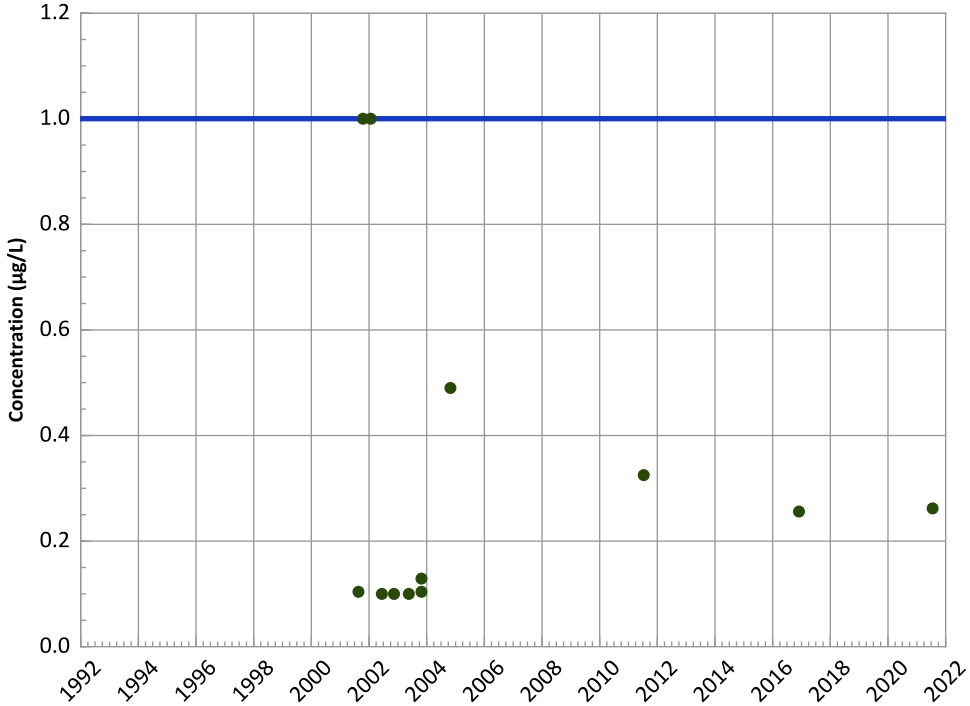


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

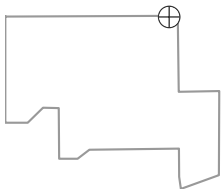
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

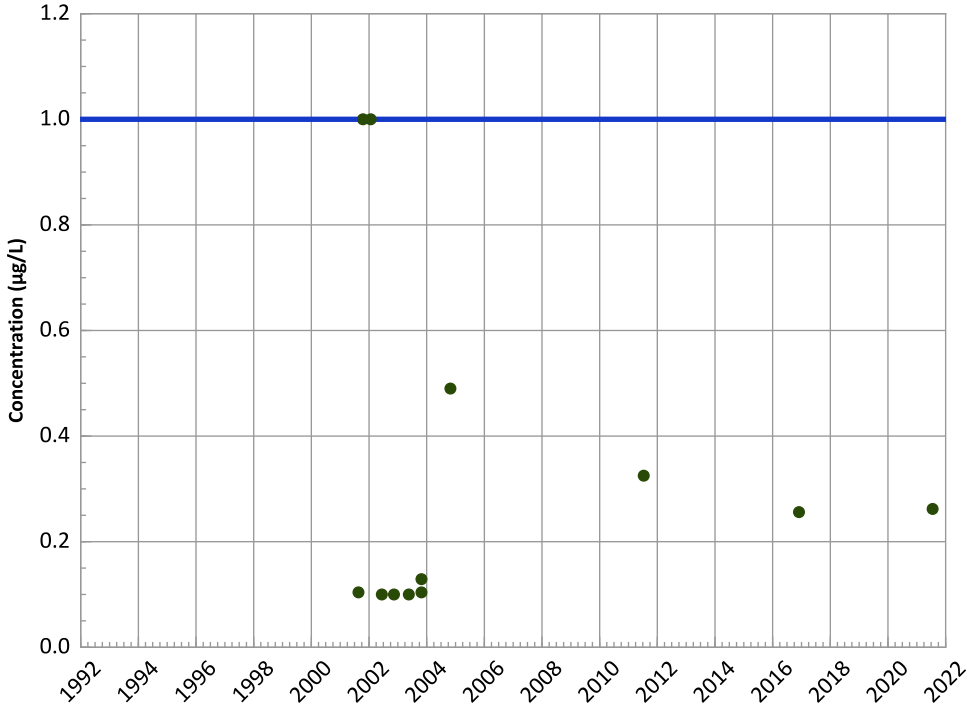
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

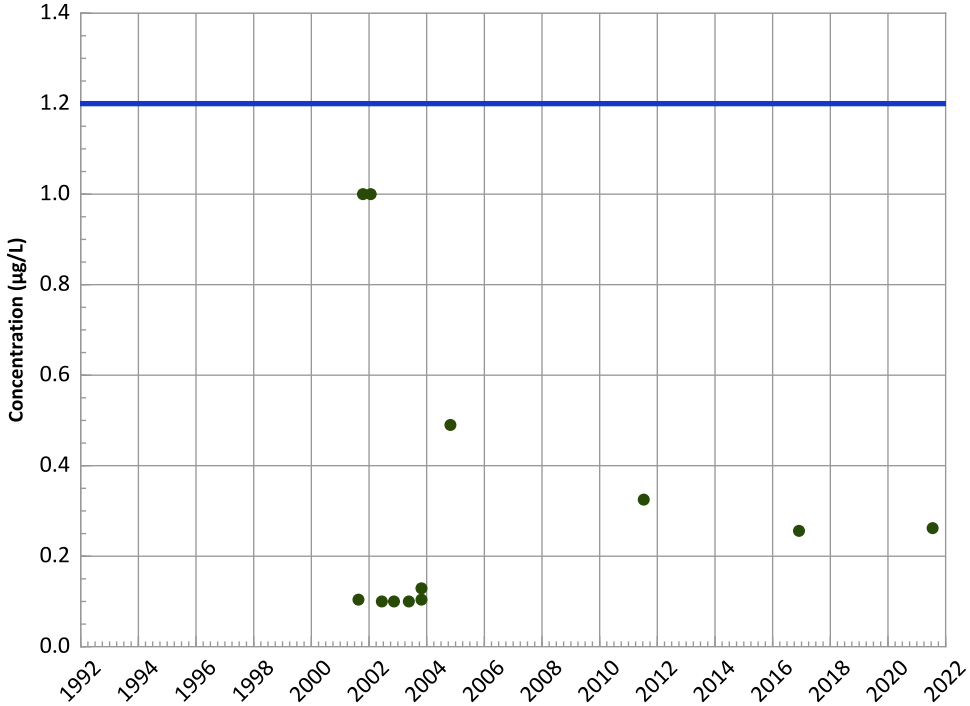


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

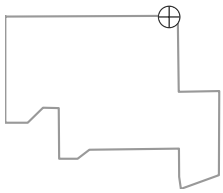
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

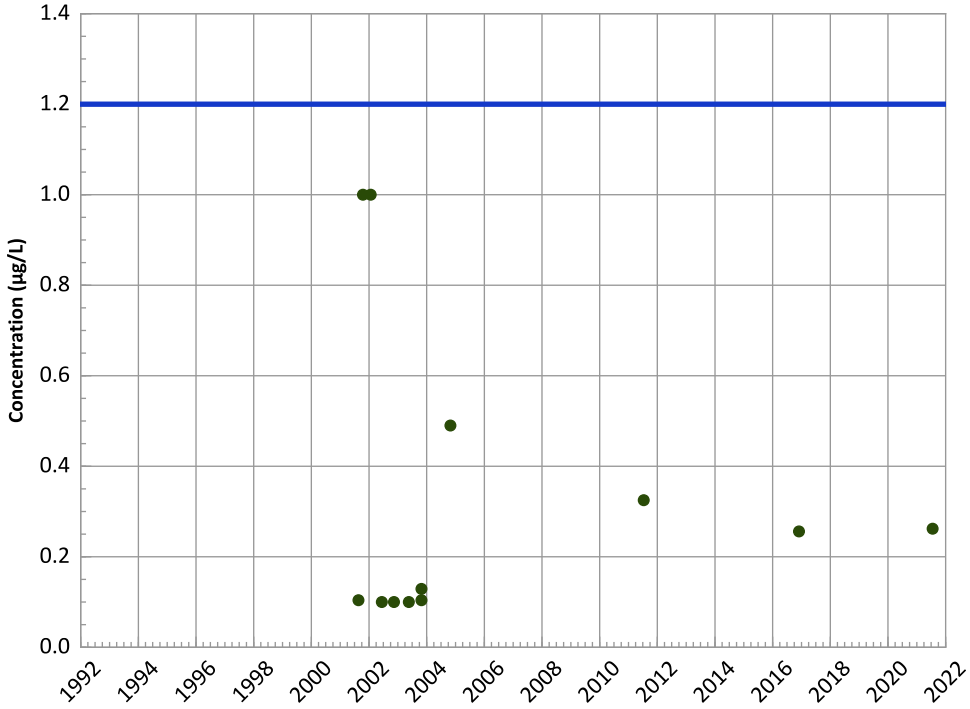
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

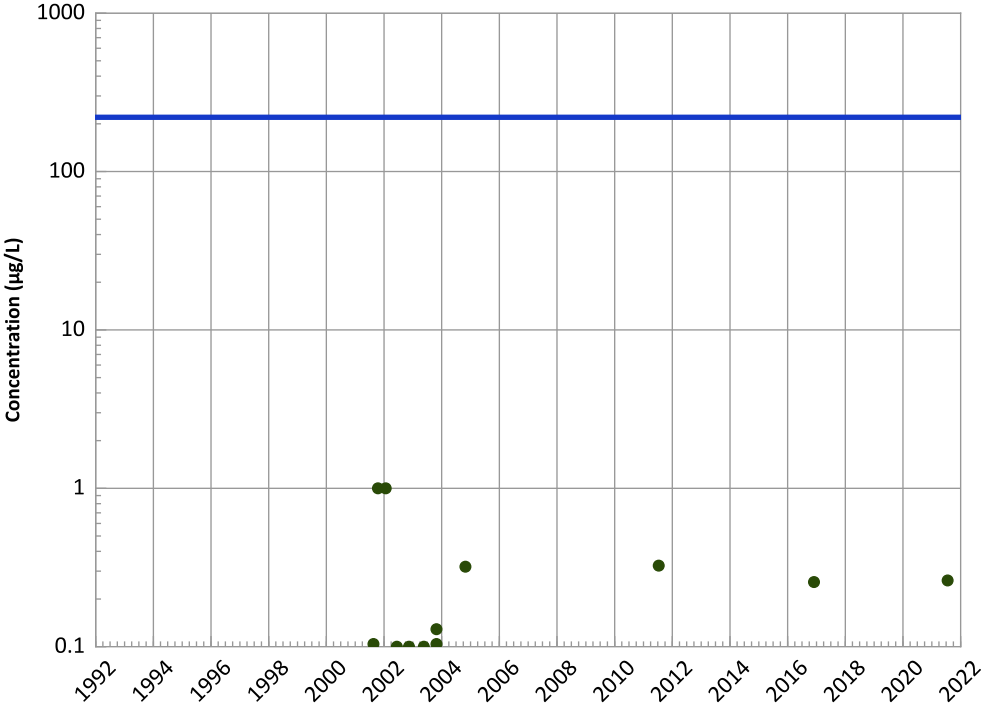


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

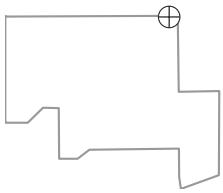
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

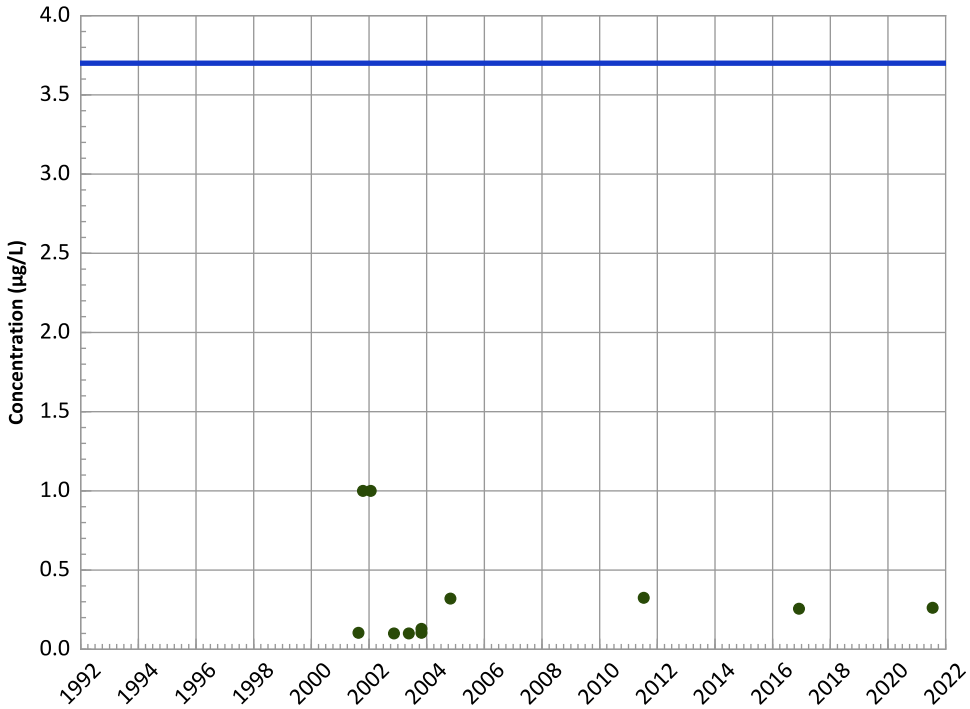
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

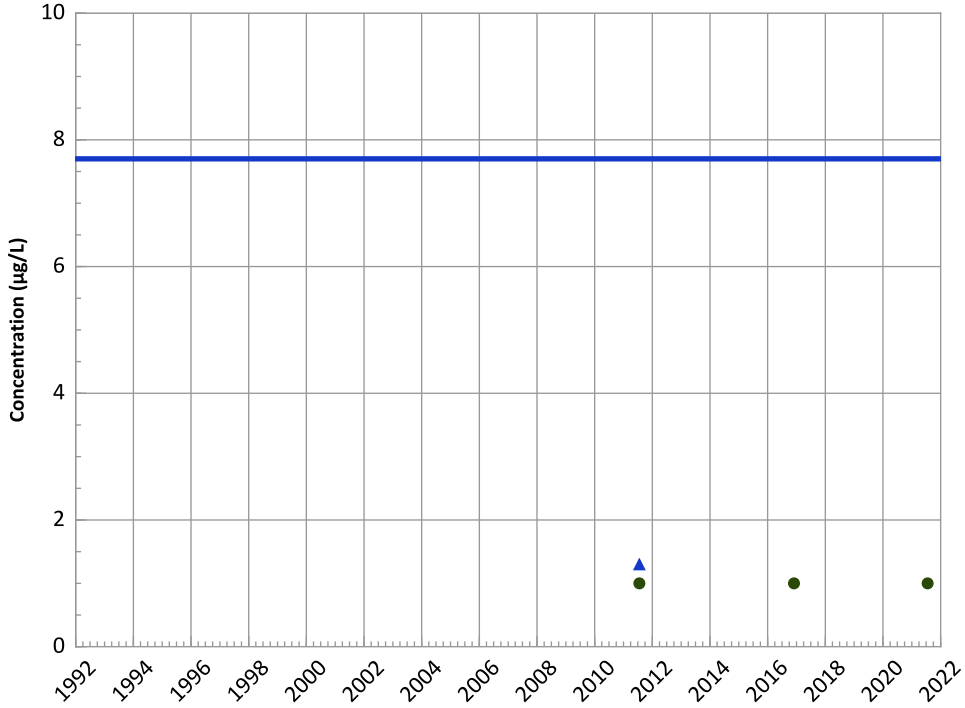


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

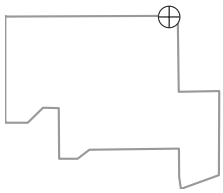
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

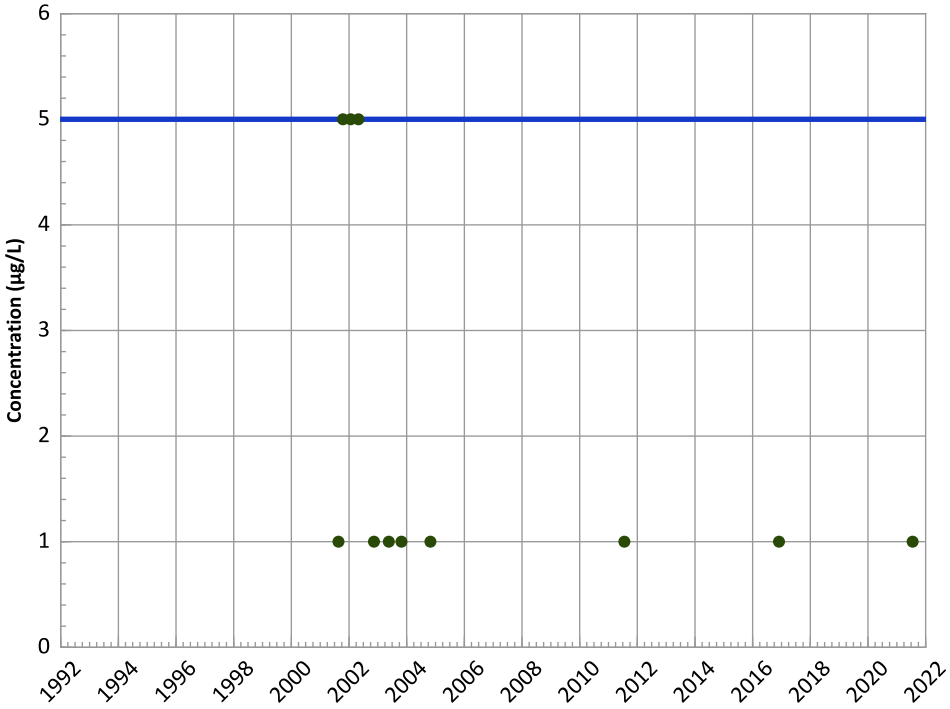
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

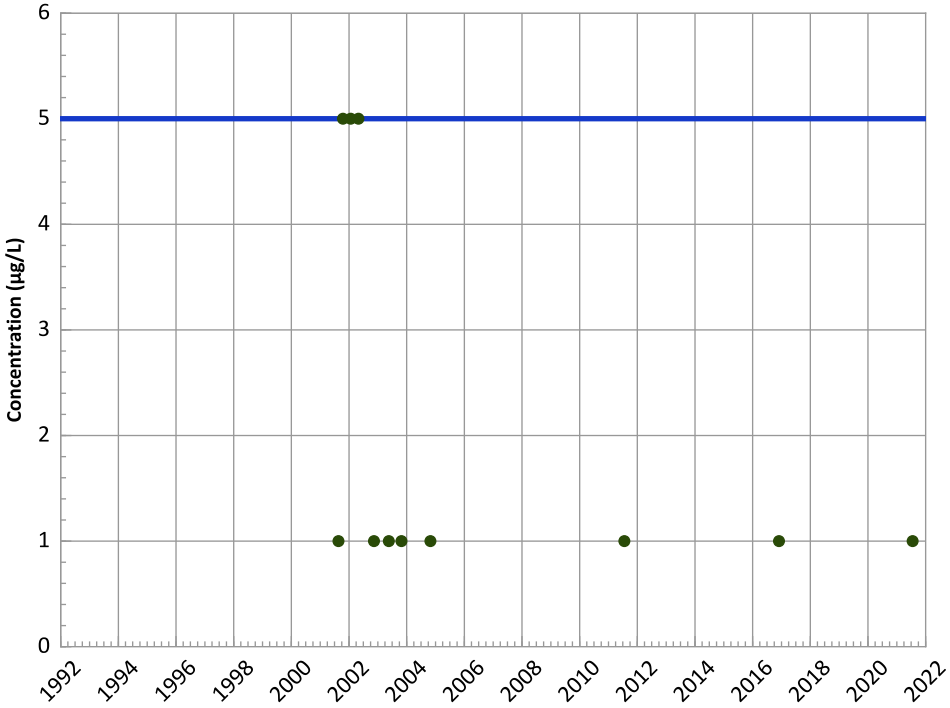


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

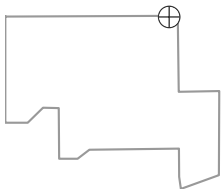
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

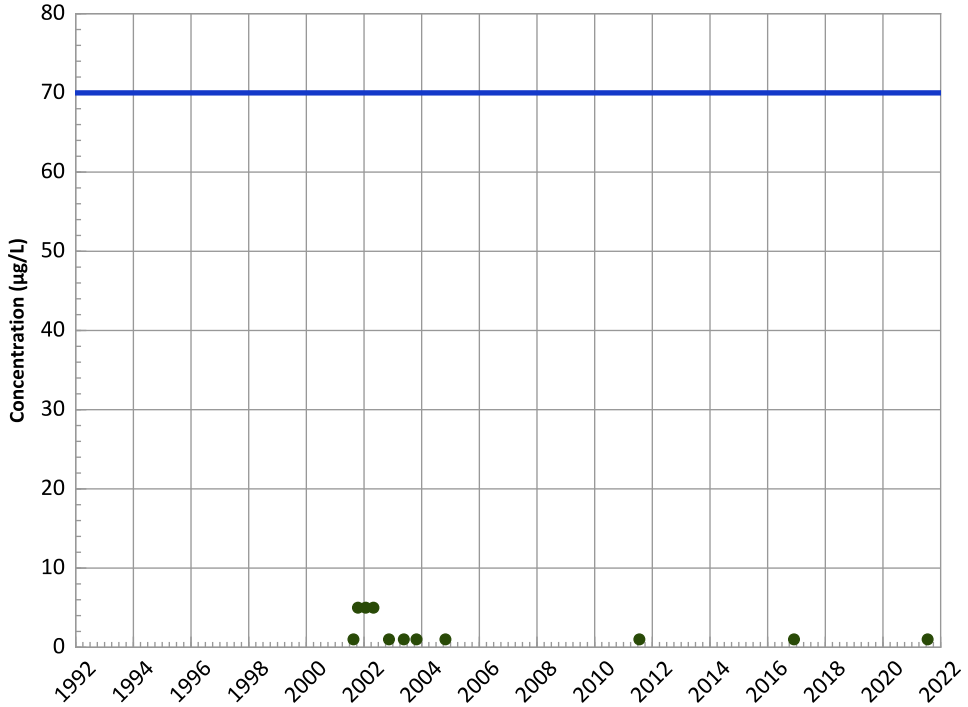
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

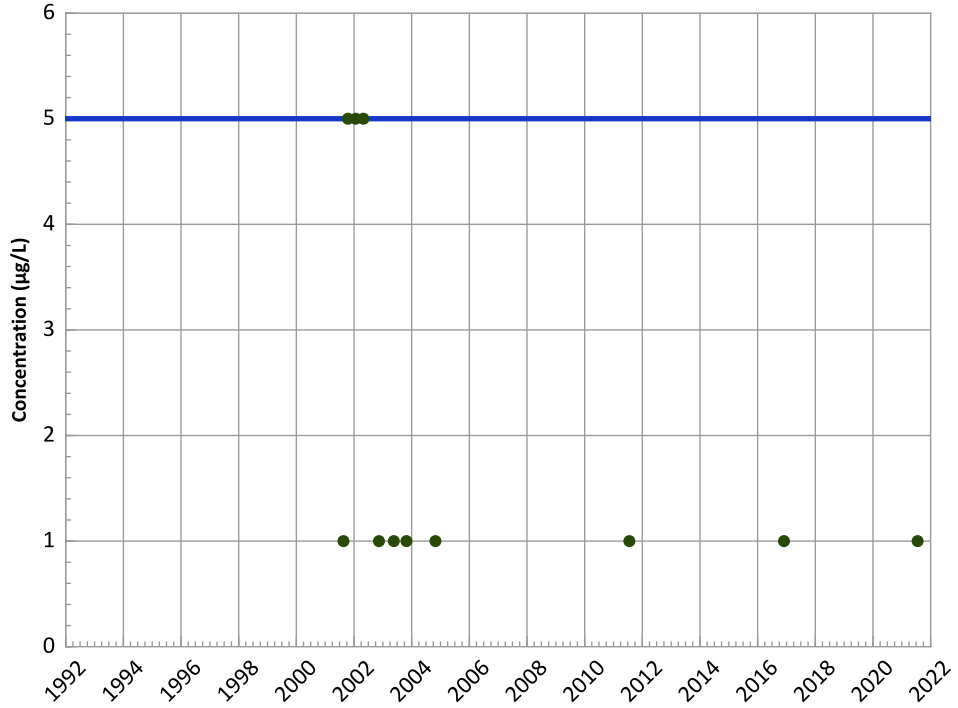


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

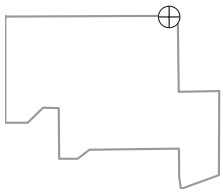
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

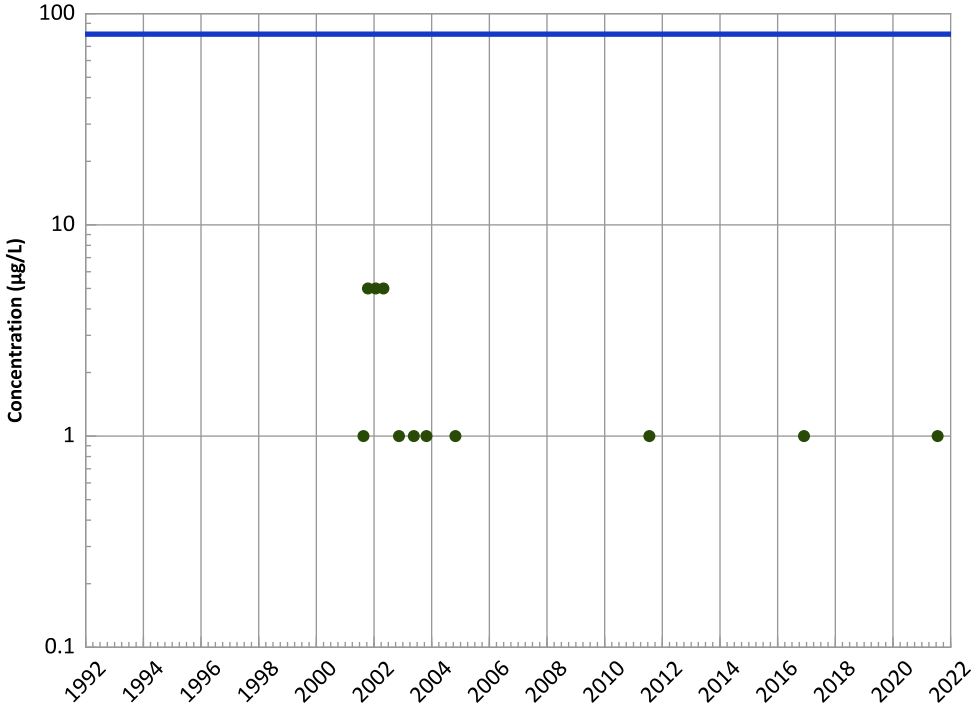
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

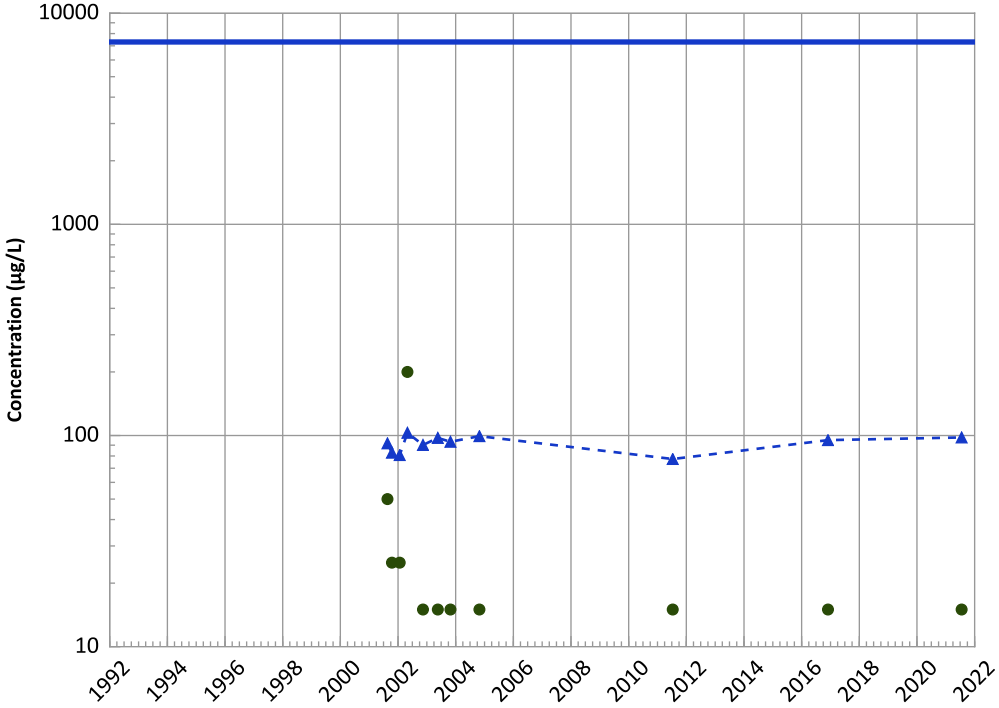


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

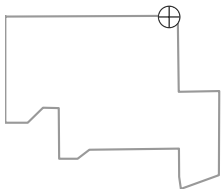
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

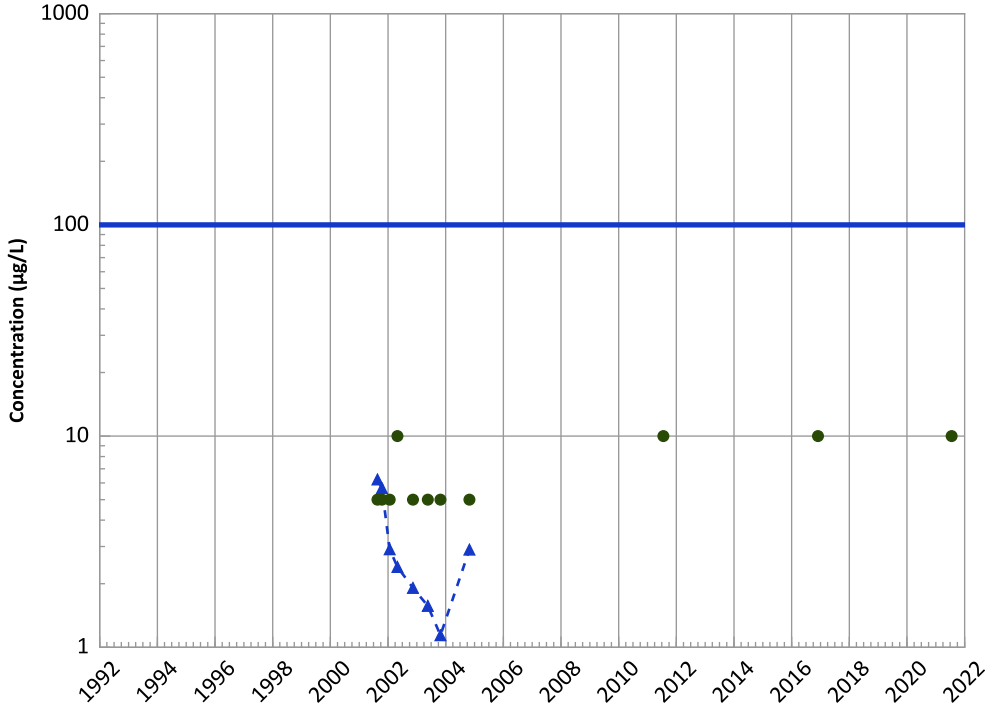
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

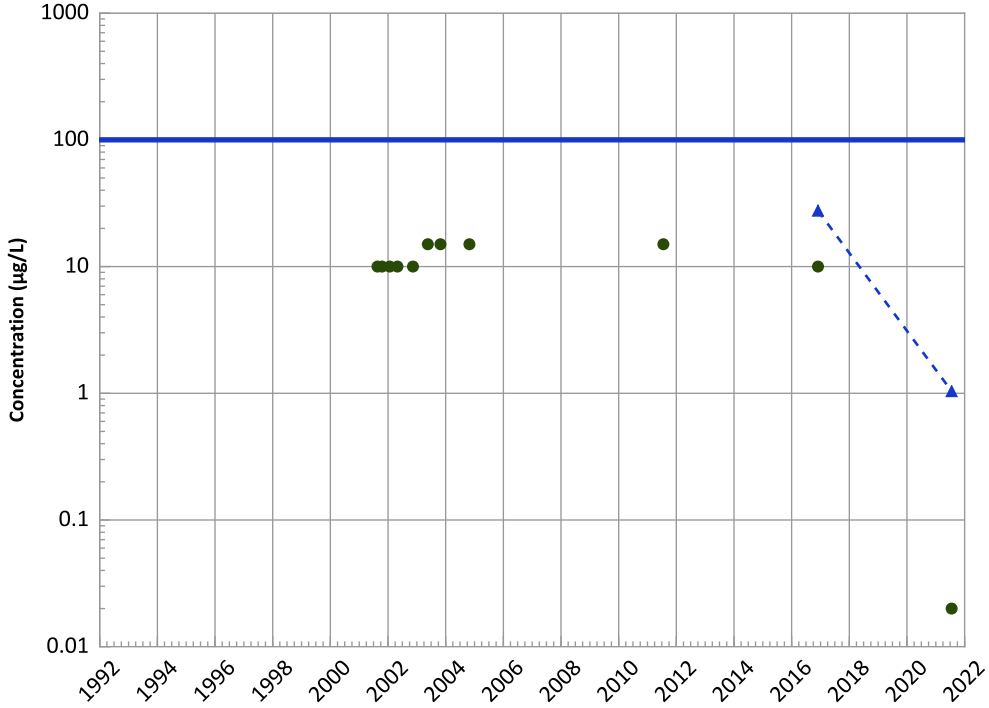


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Chromium, Hexavalent Trend



Concentration Trend

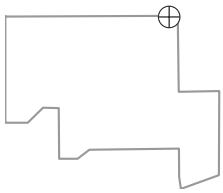
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

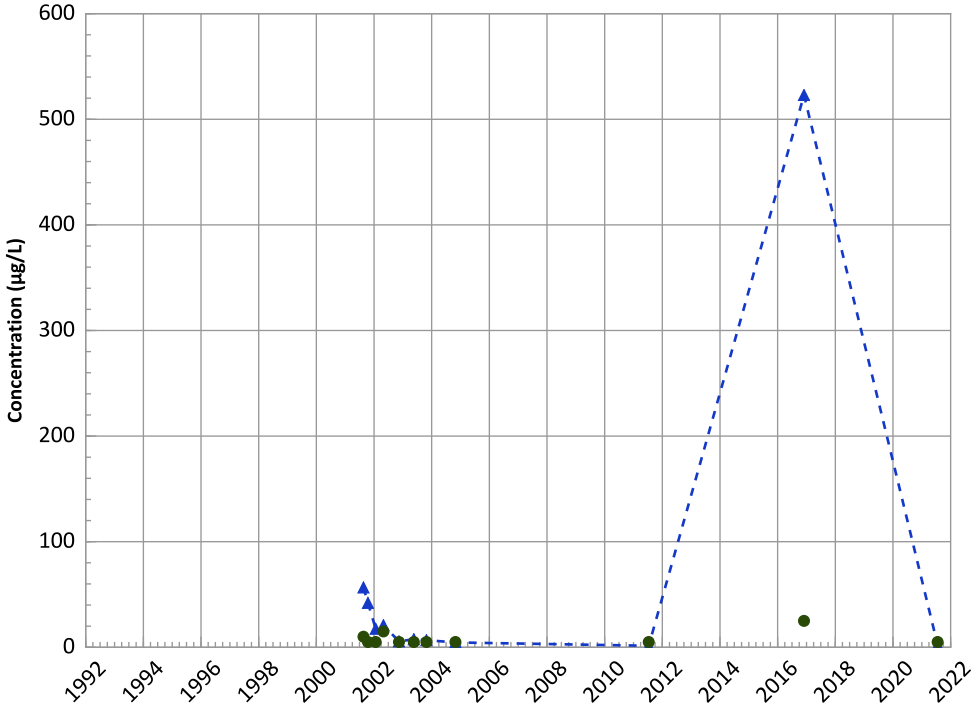
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

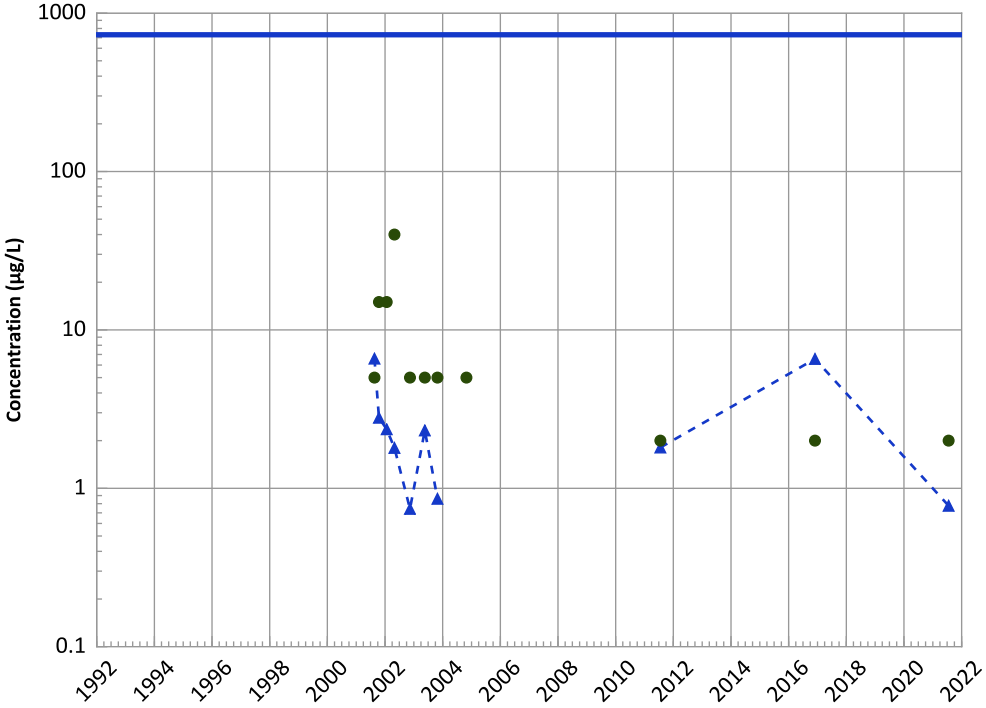


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Nickel Trend



Concentration Trend

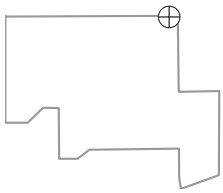
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

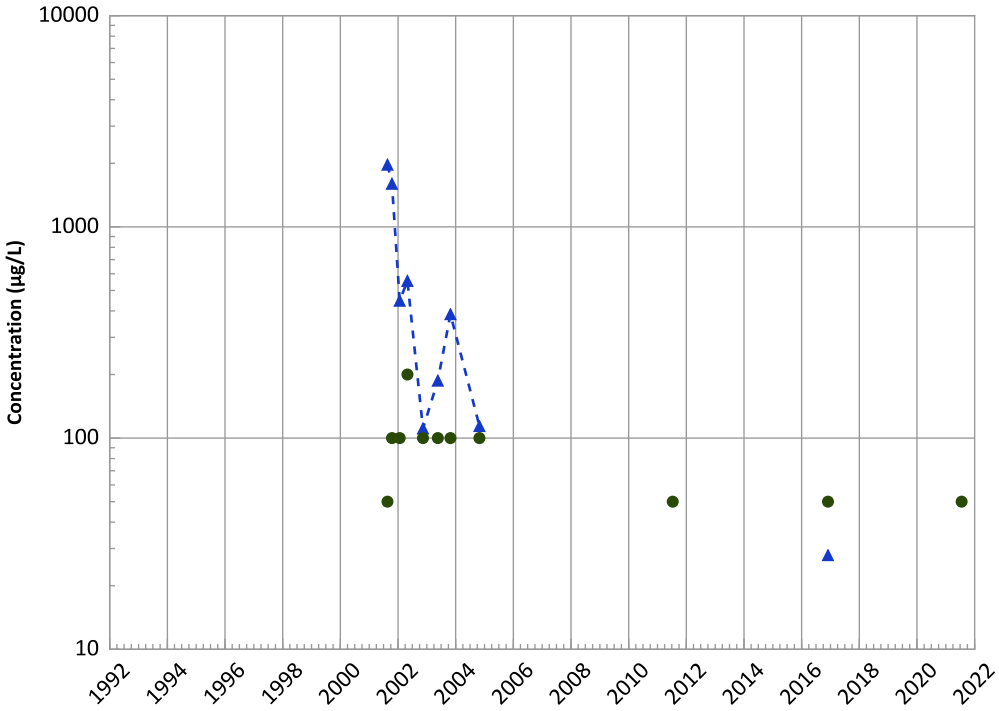
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

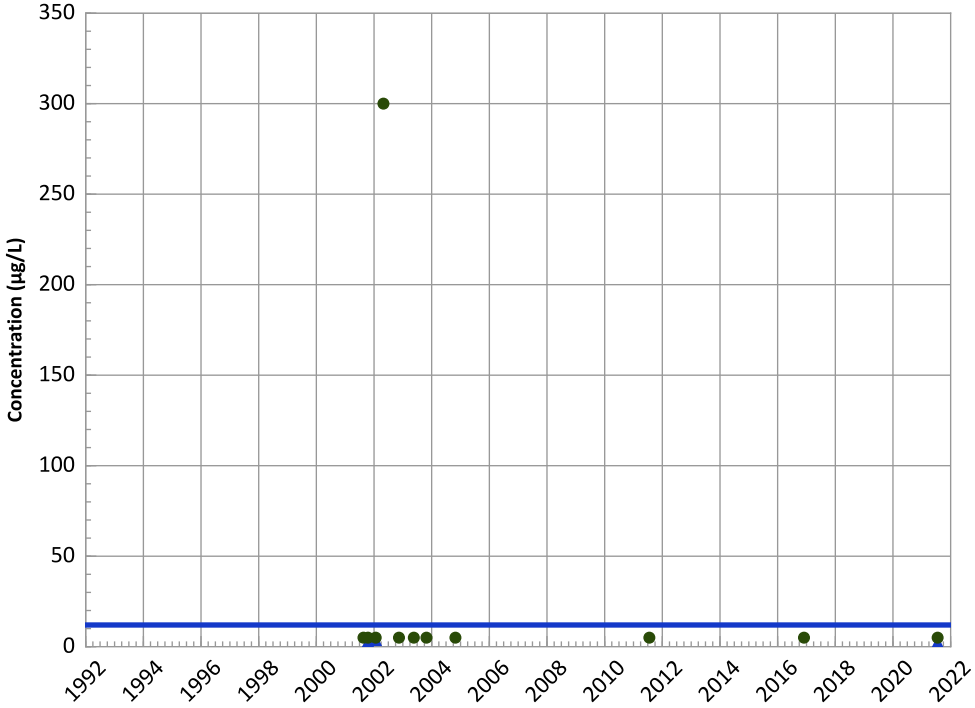


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Arsenic Trend



Concentration Trend

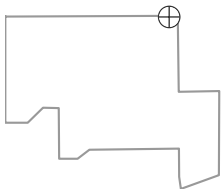
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

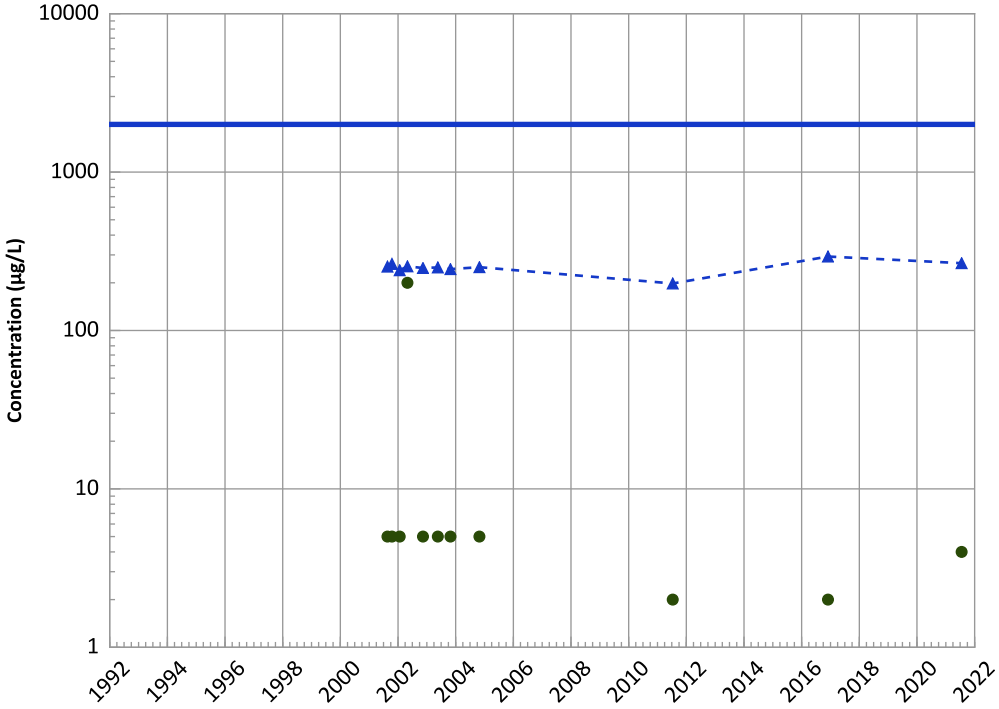
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

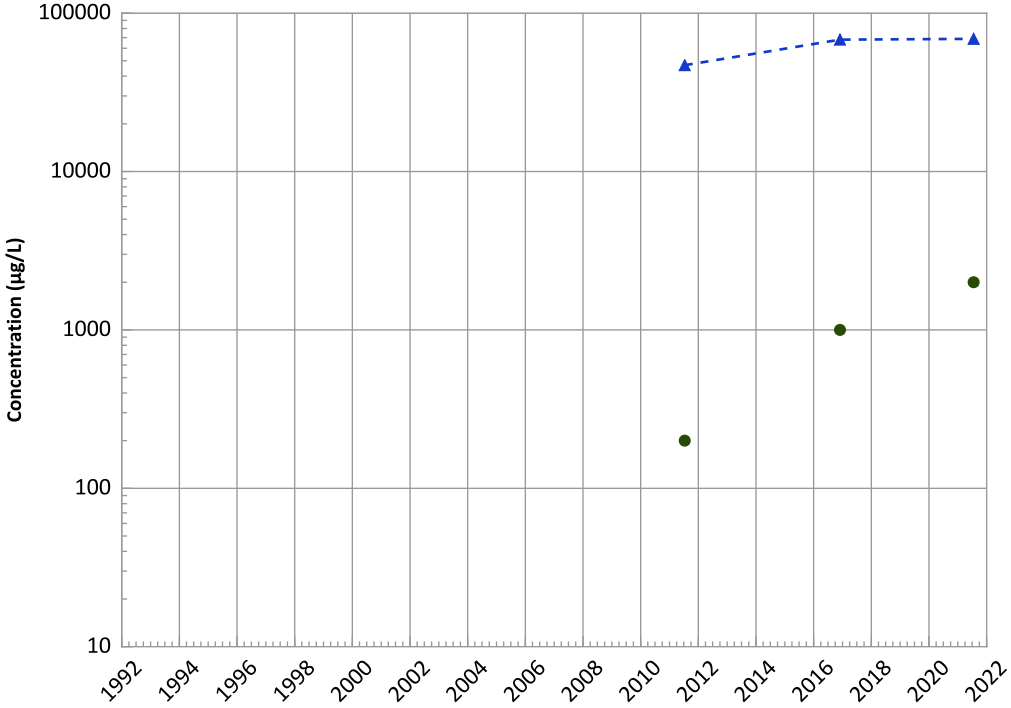


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Calcium Trend



Concentration Trend

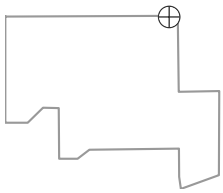
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

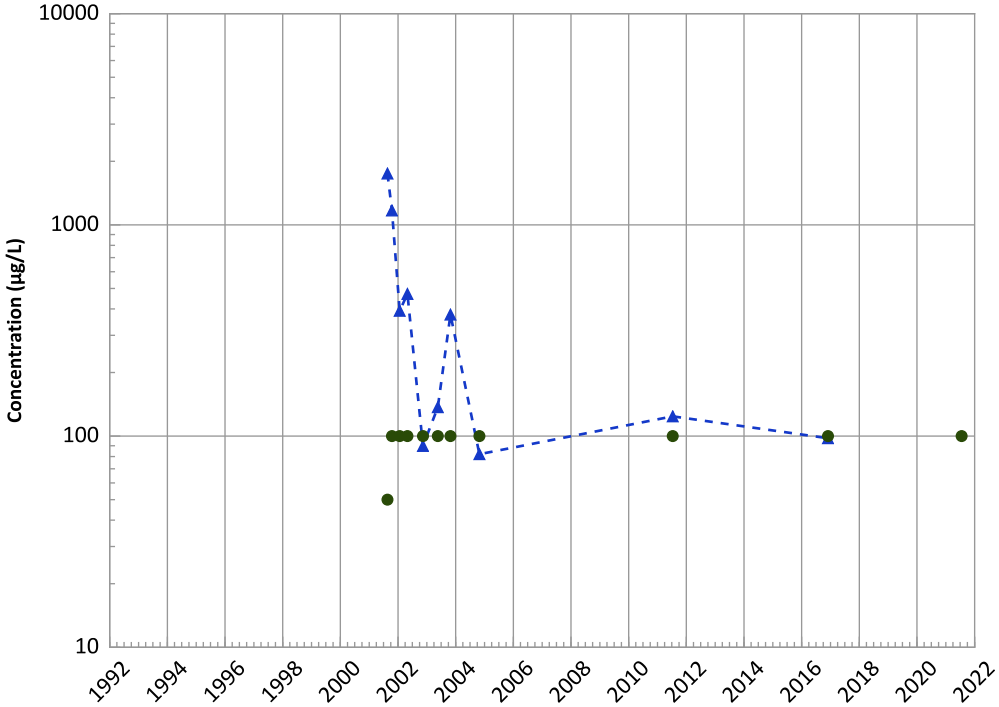
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

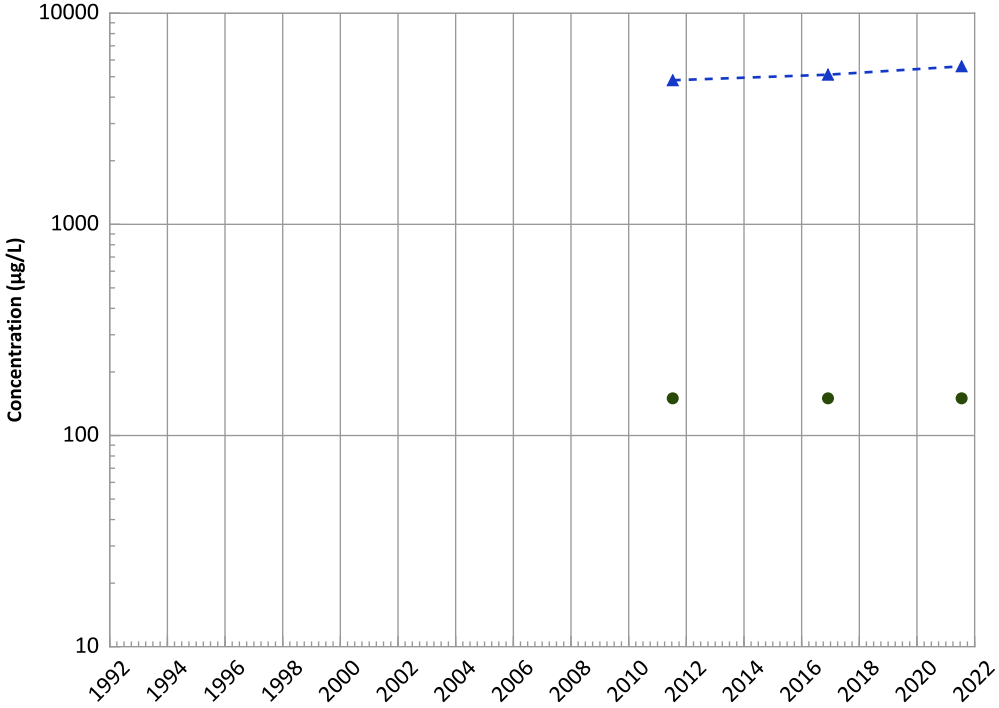


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Potassium Trend



Concentration Trend

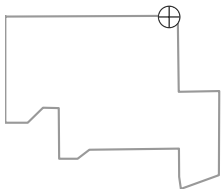
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

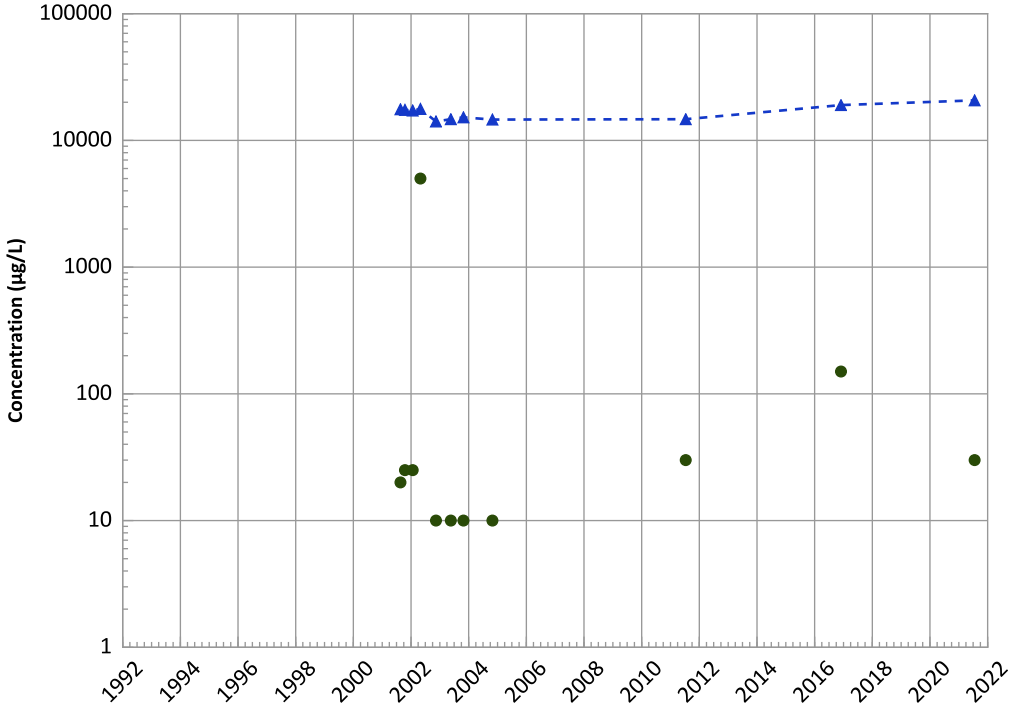
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

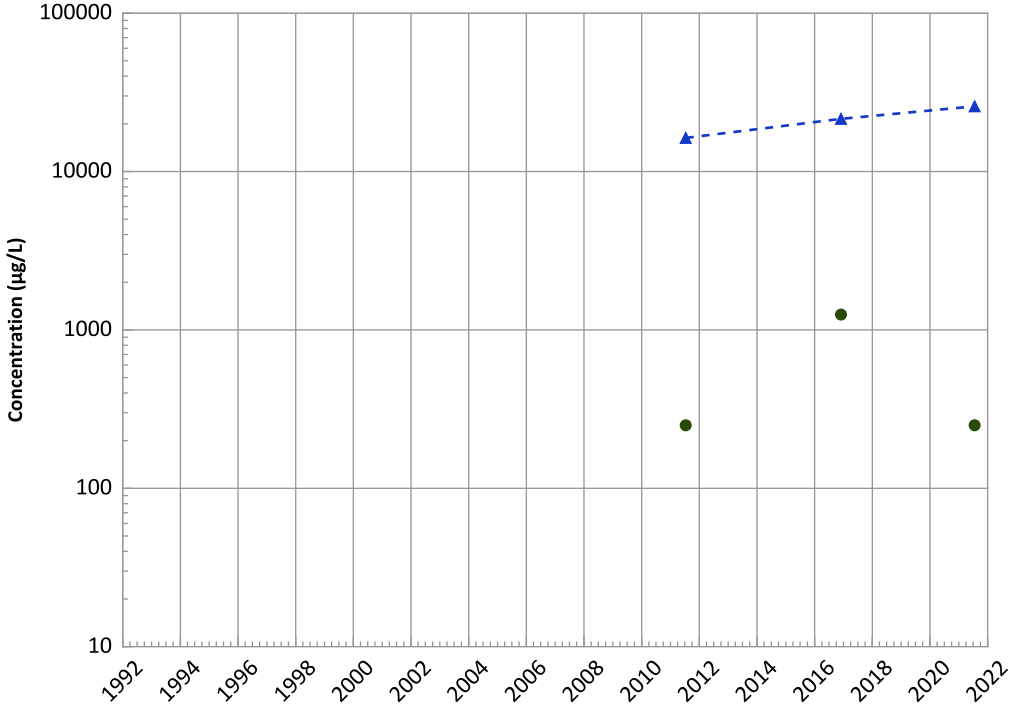


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Sodium Trend



Concentration Trend

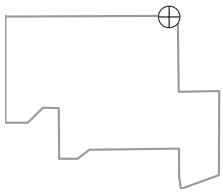
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

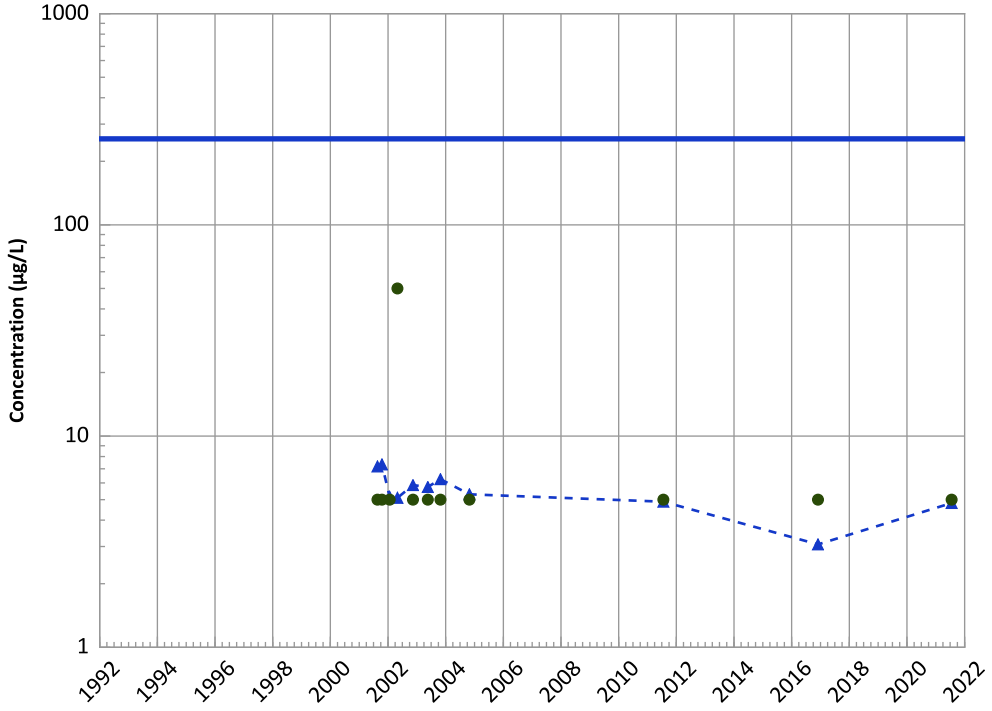
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1071 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

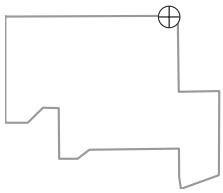
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

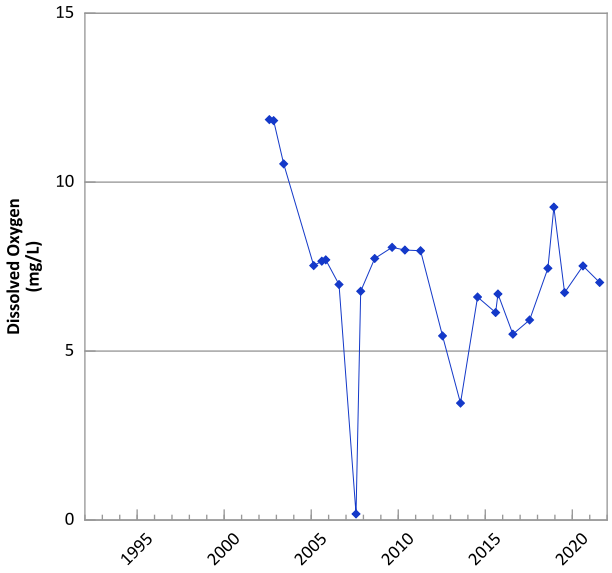
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2001 to 07/20/2021
Analysis Date: 04/05/2022

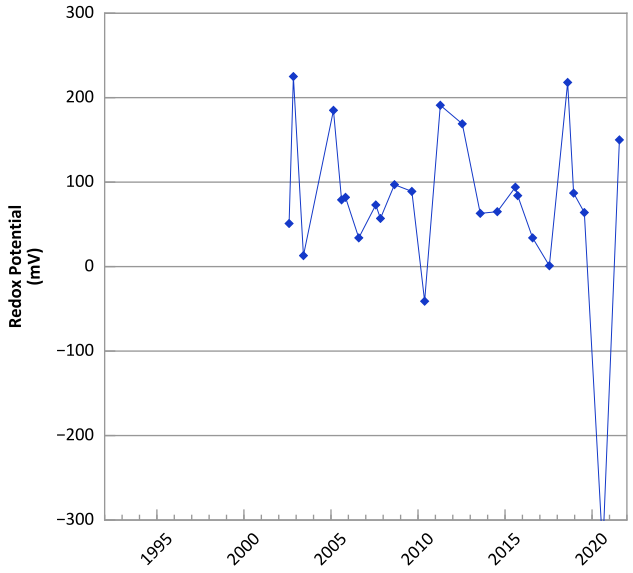
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

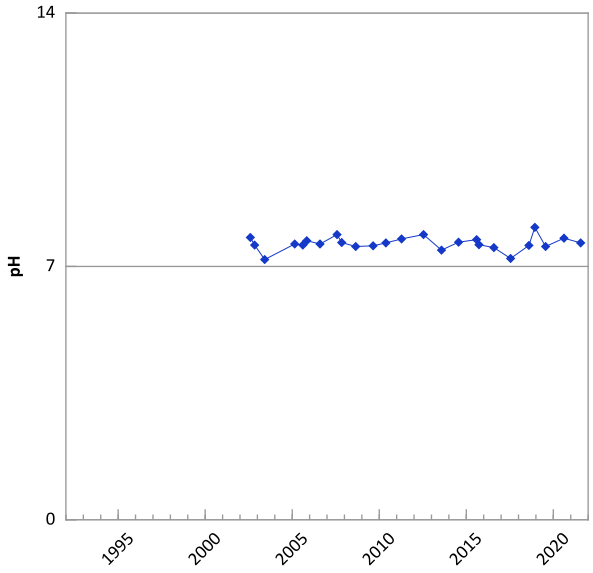
Well Location

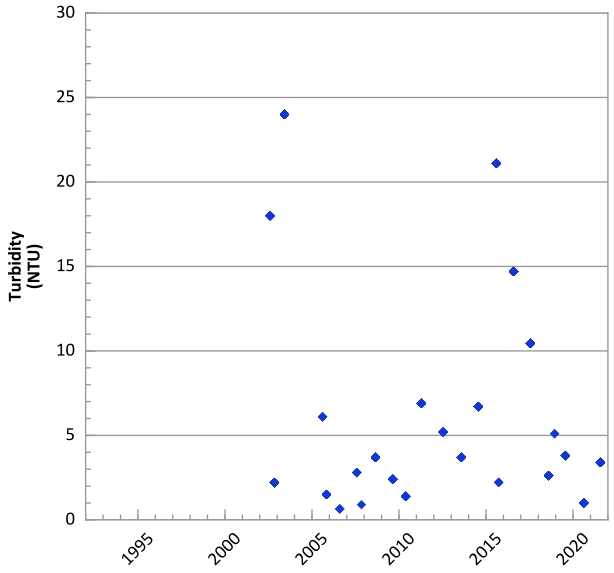


PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



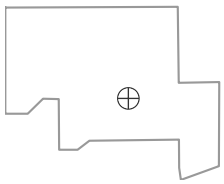






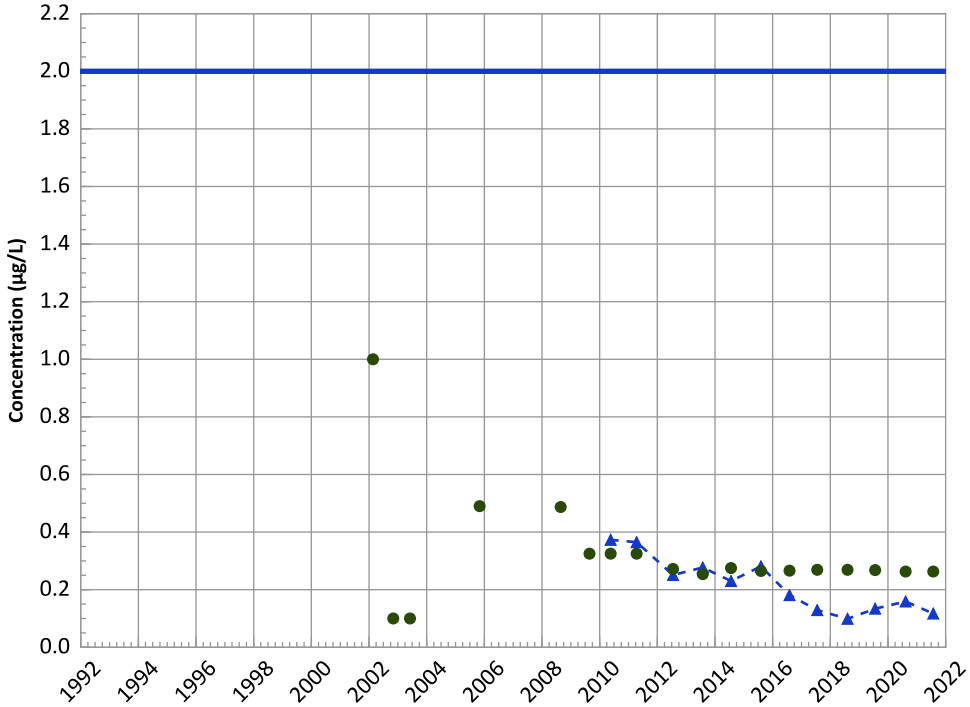
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

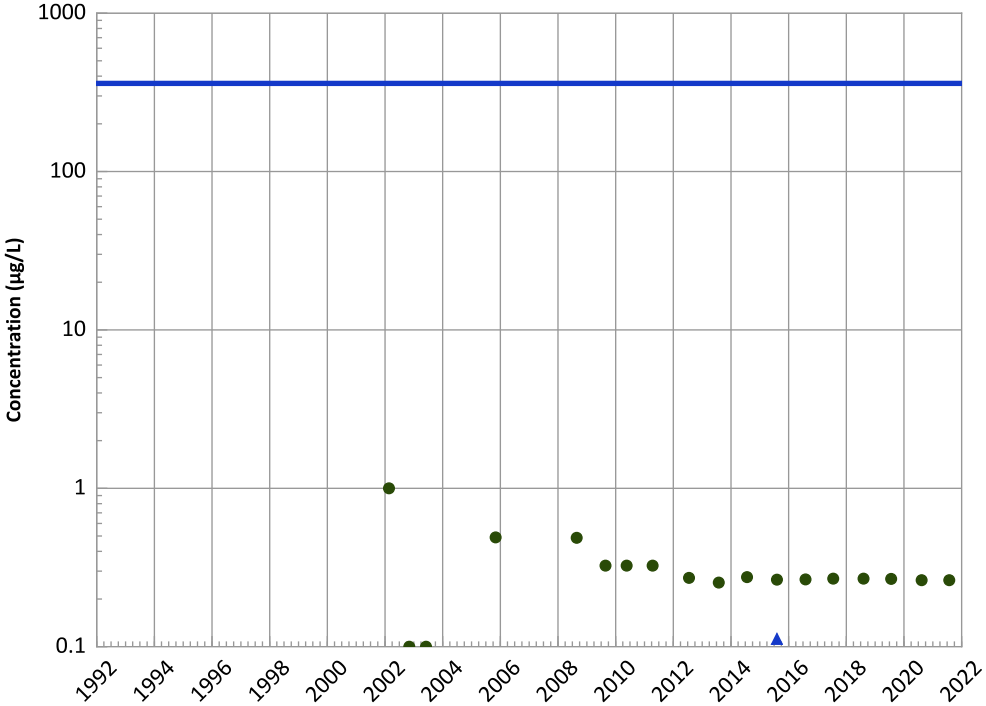


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

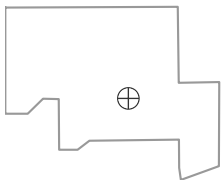
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

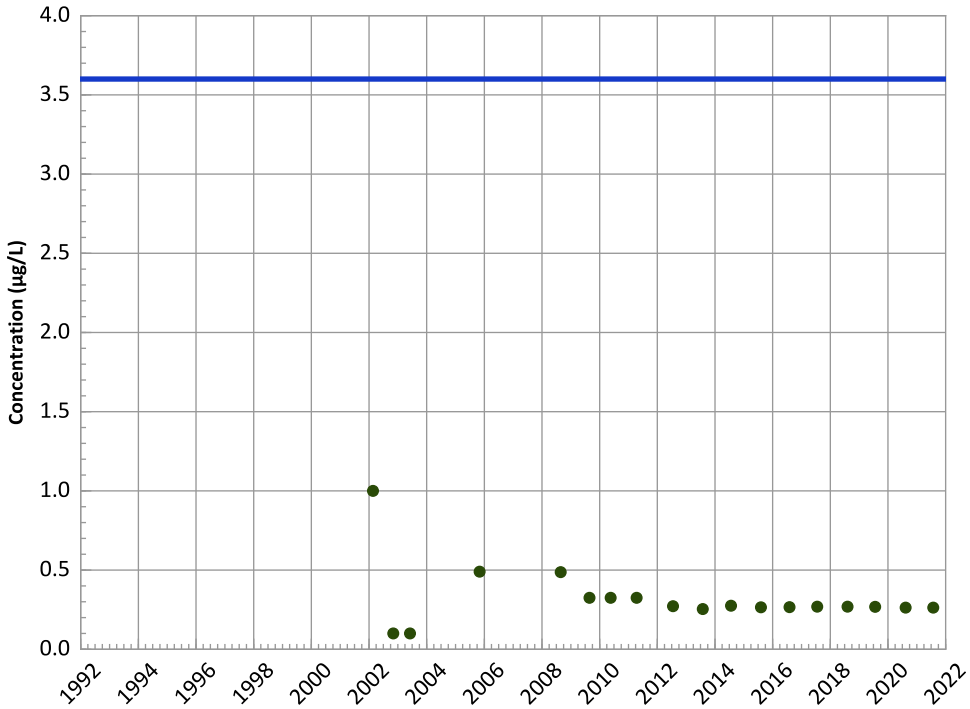
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

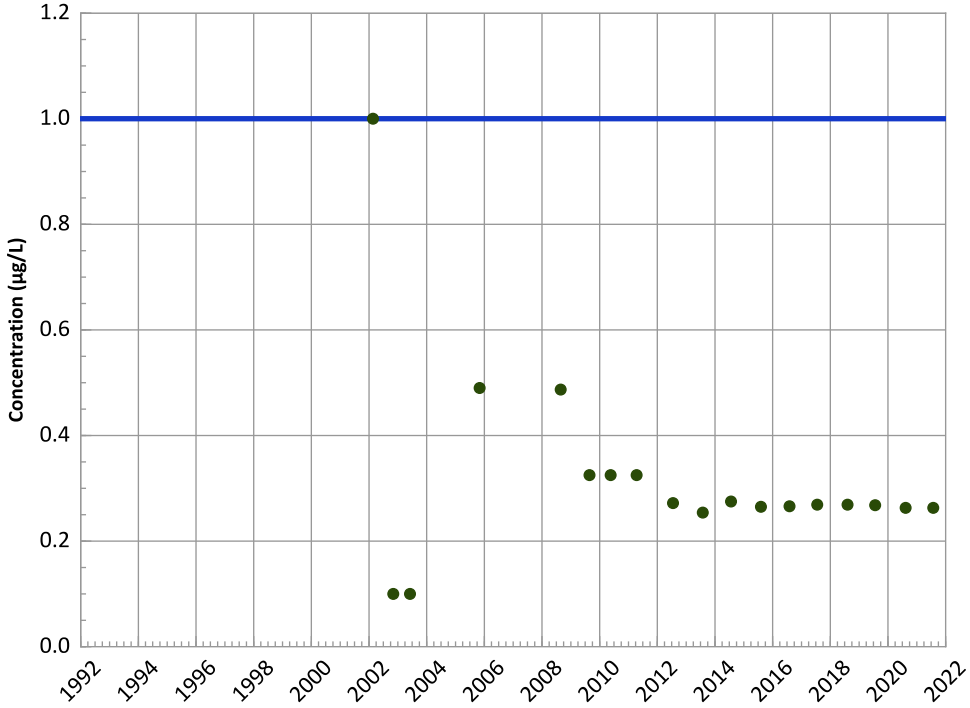


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

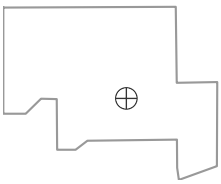
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

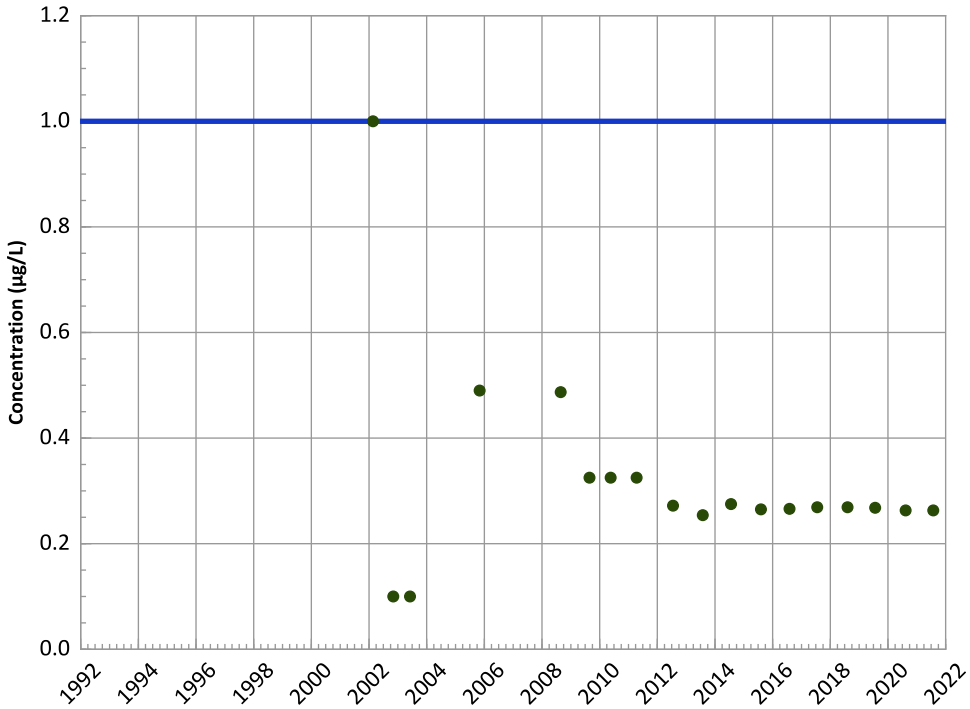
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

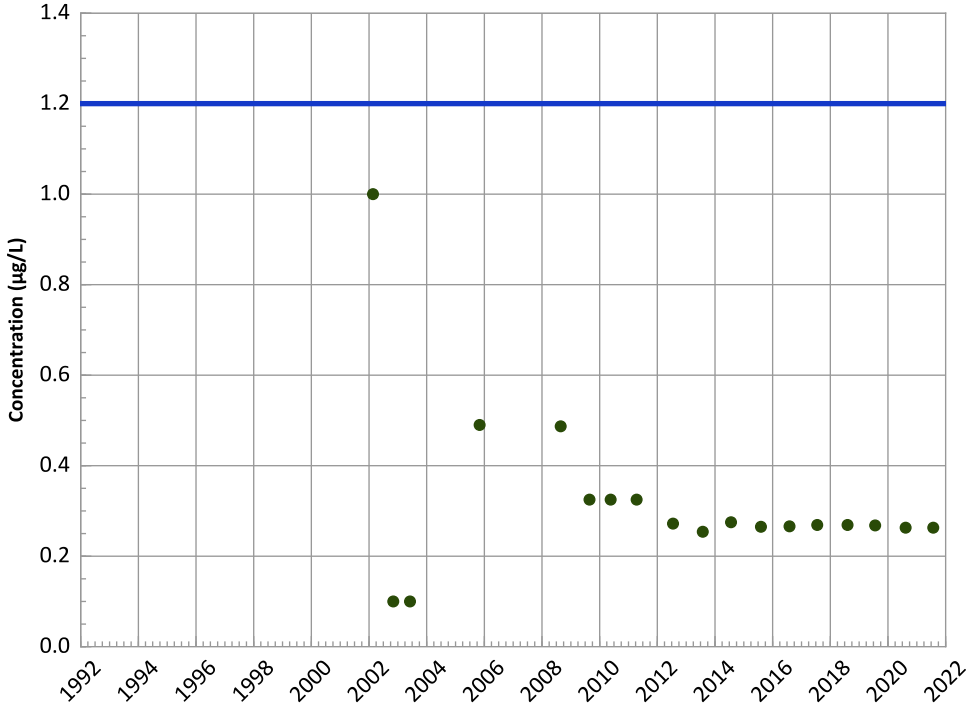


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

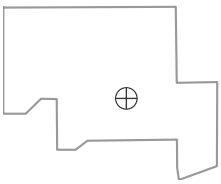
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

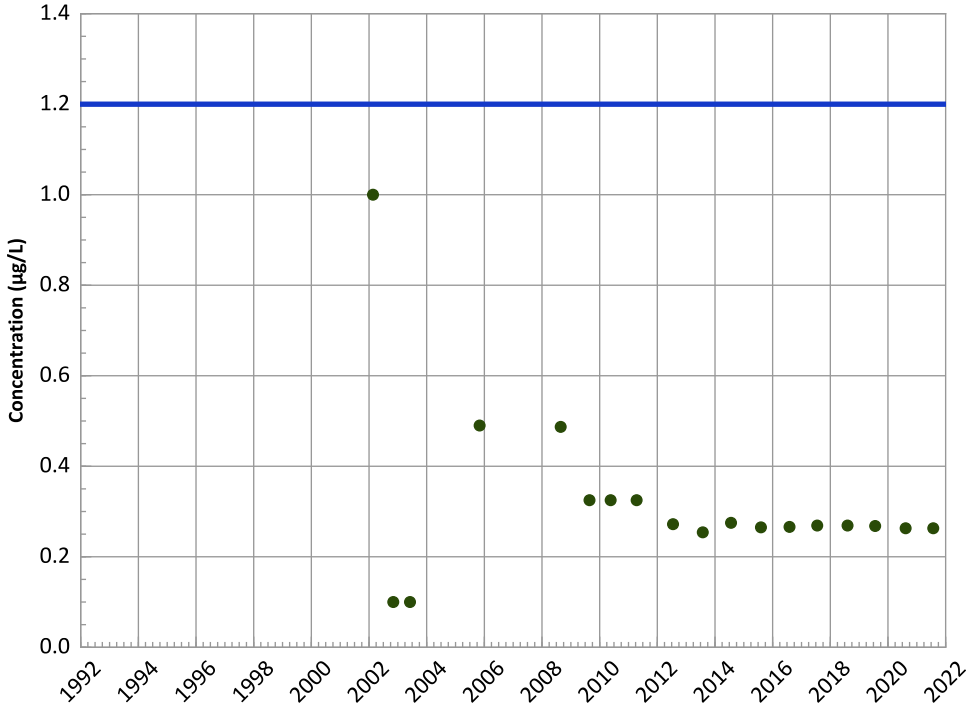
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

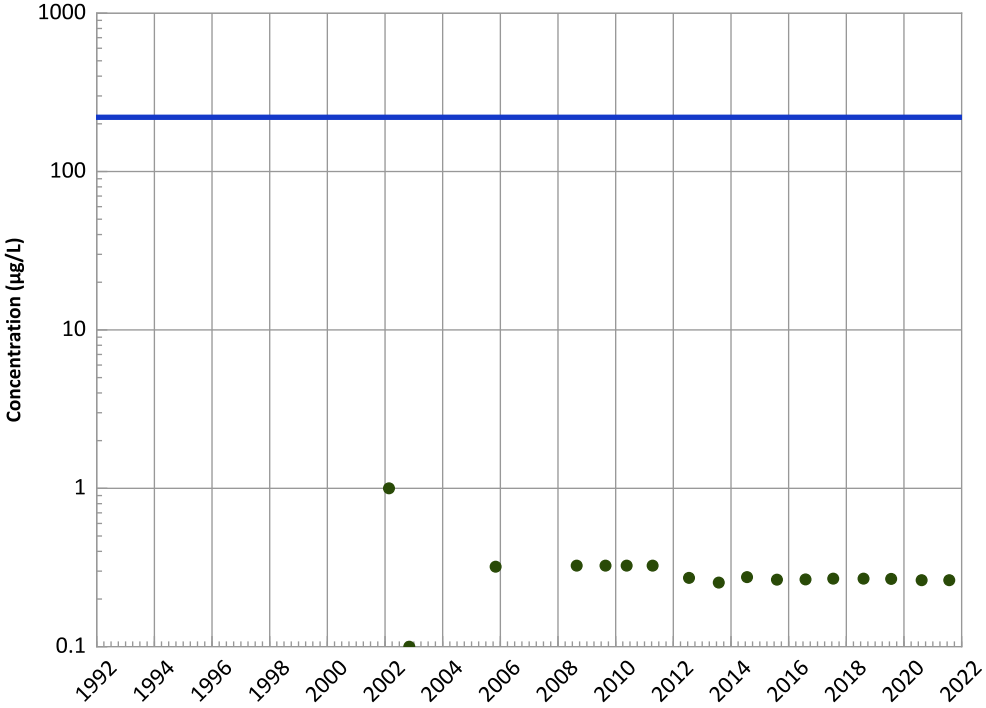


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

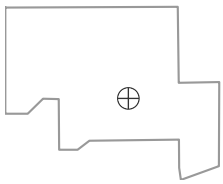
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

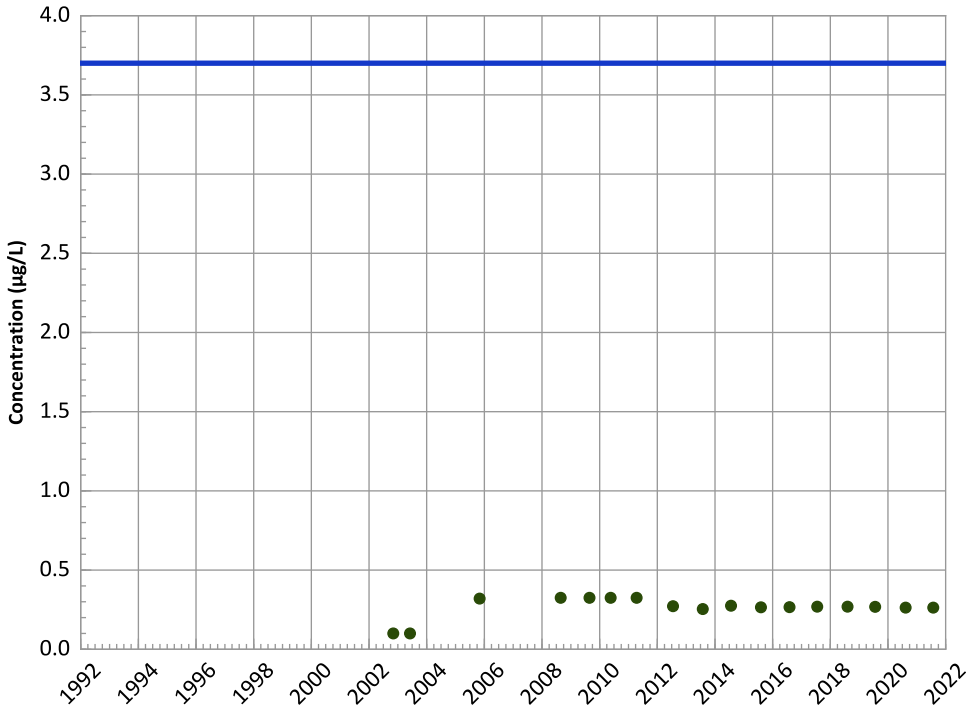
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

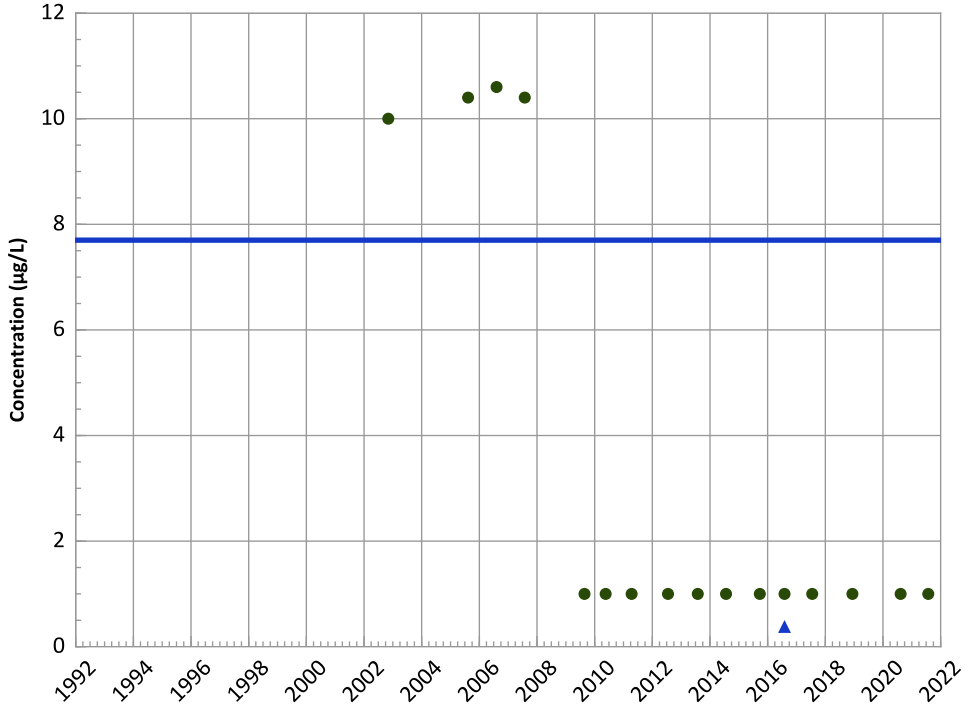


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

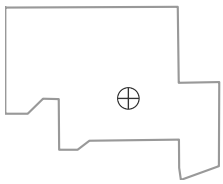
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

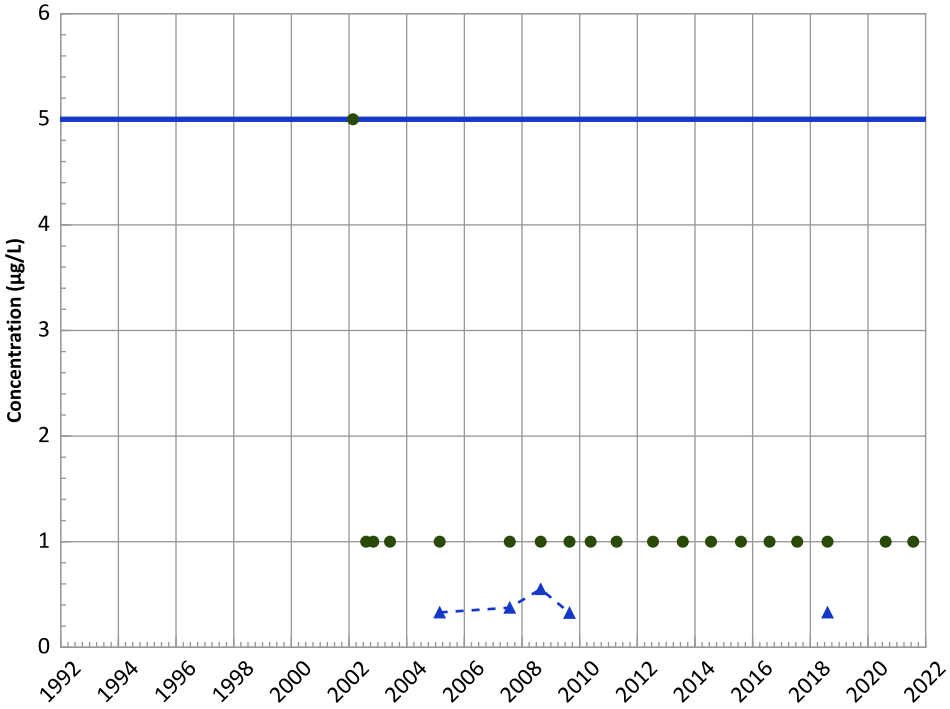
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

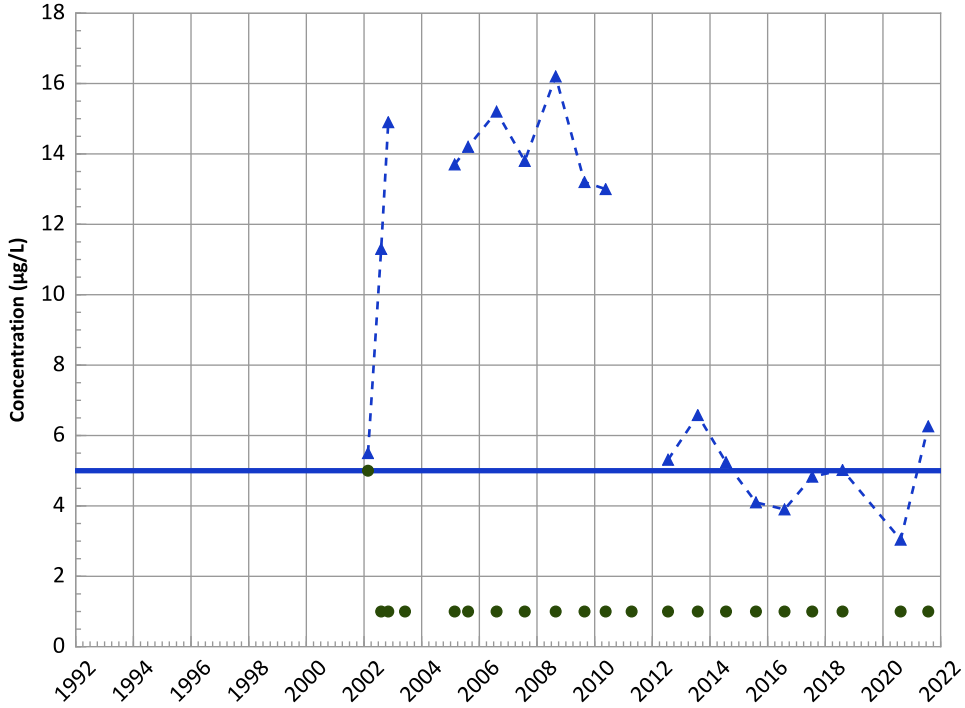


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Trichloroethene Trend



Concentration Trend

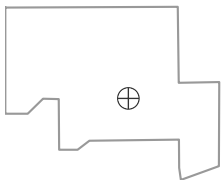
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

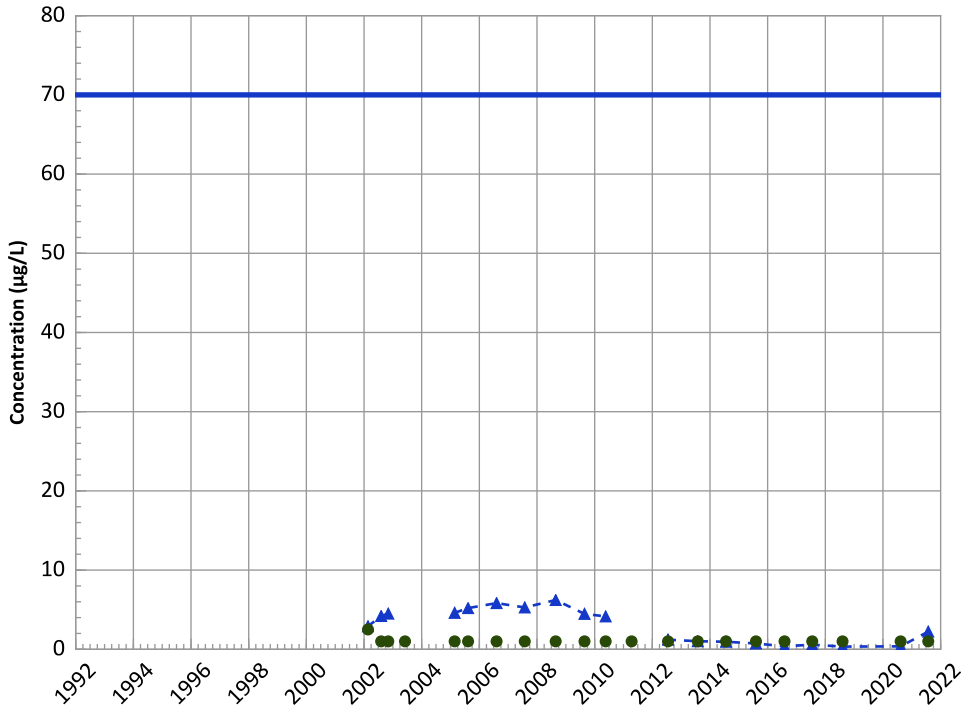
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

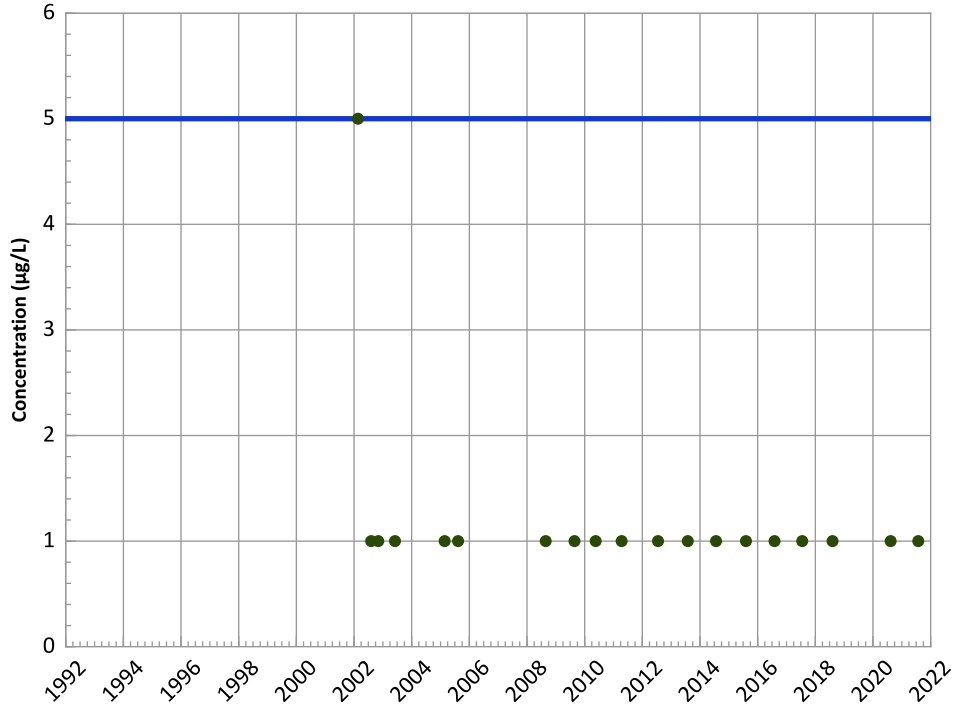


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

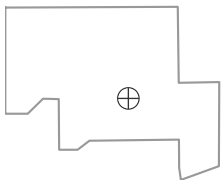
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

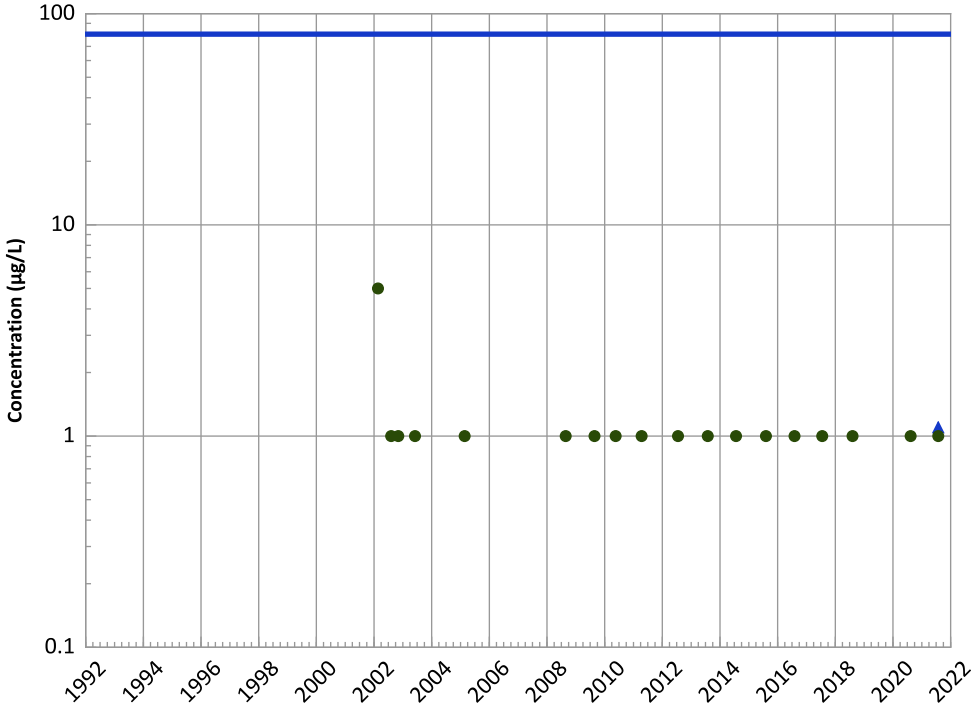
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

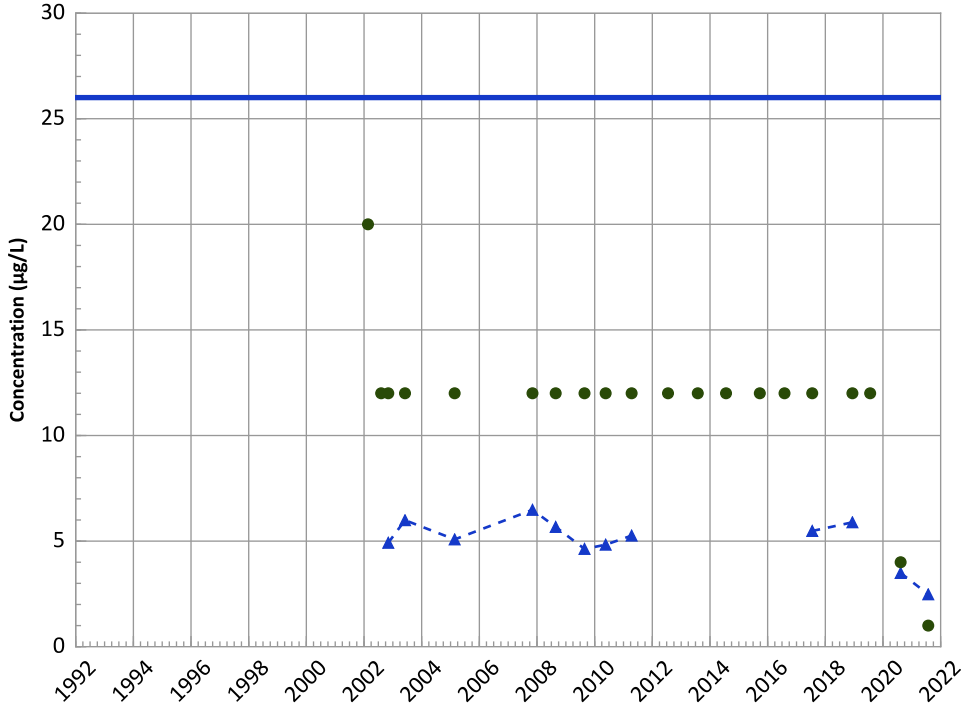


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

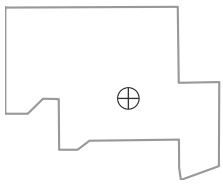
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

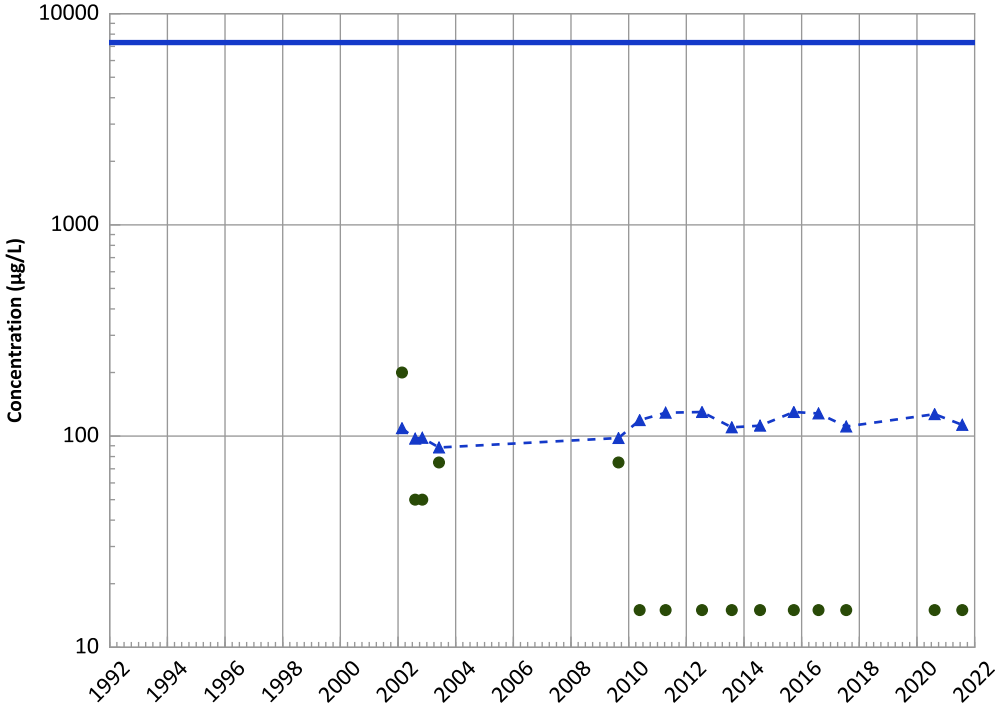
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

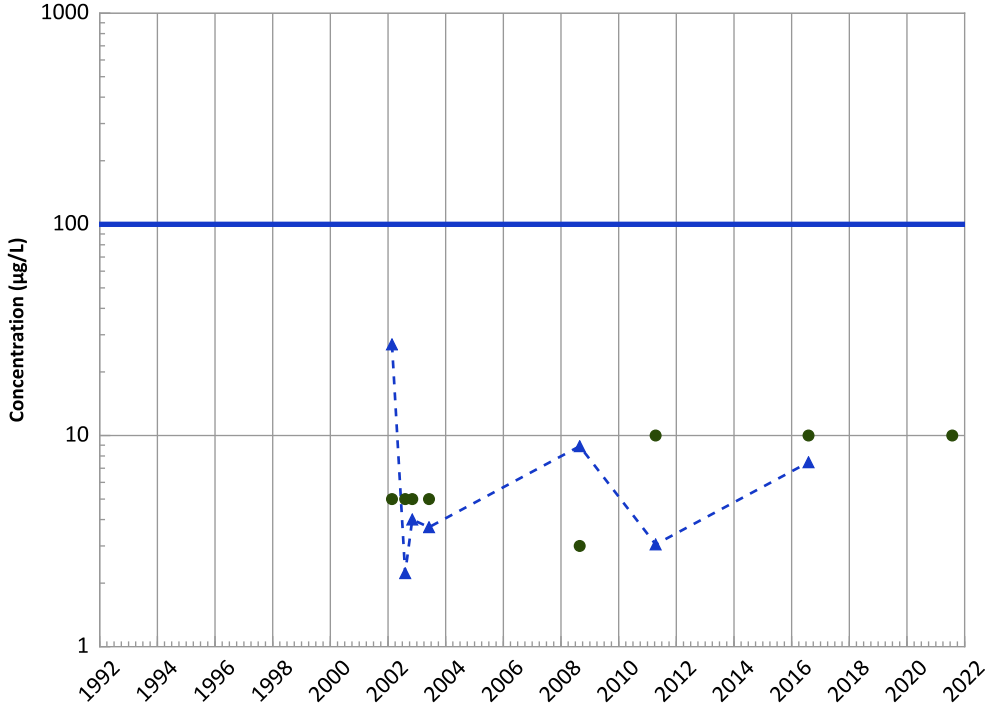


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

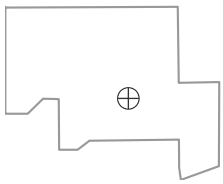
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

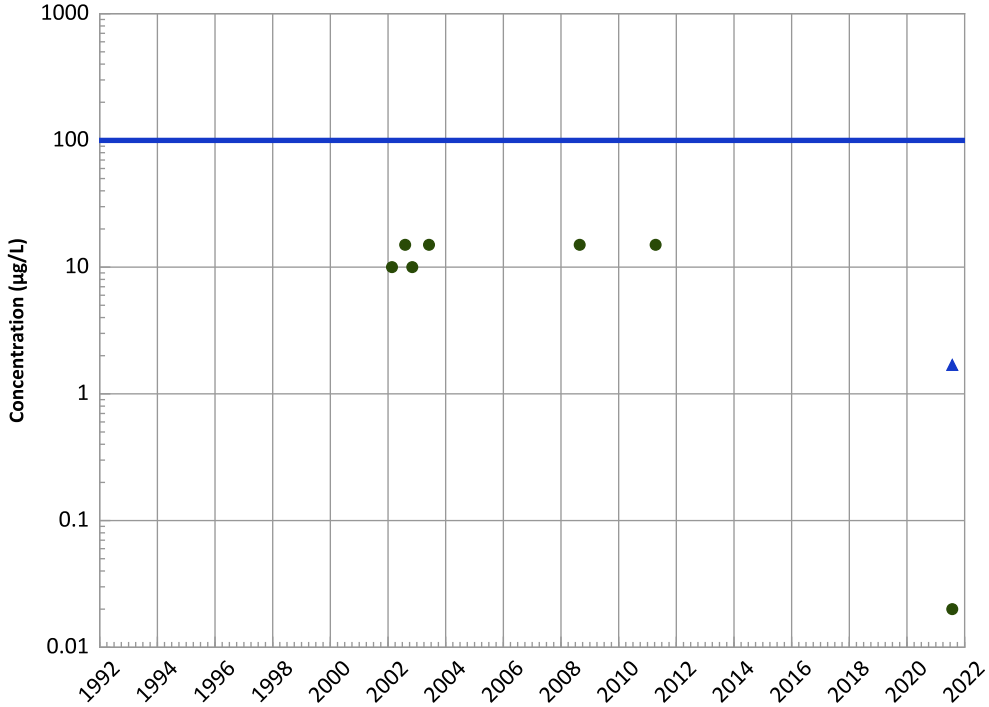
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

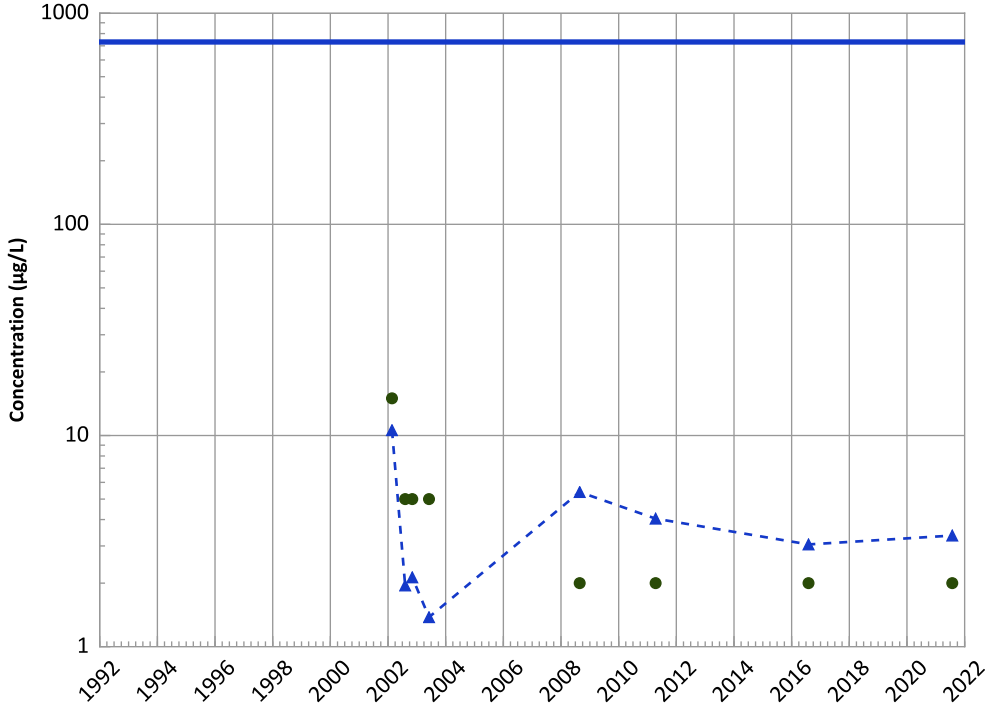


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

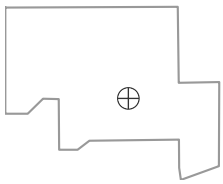
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

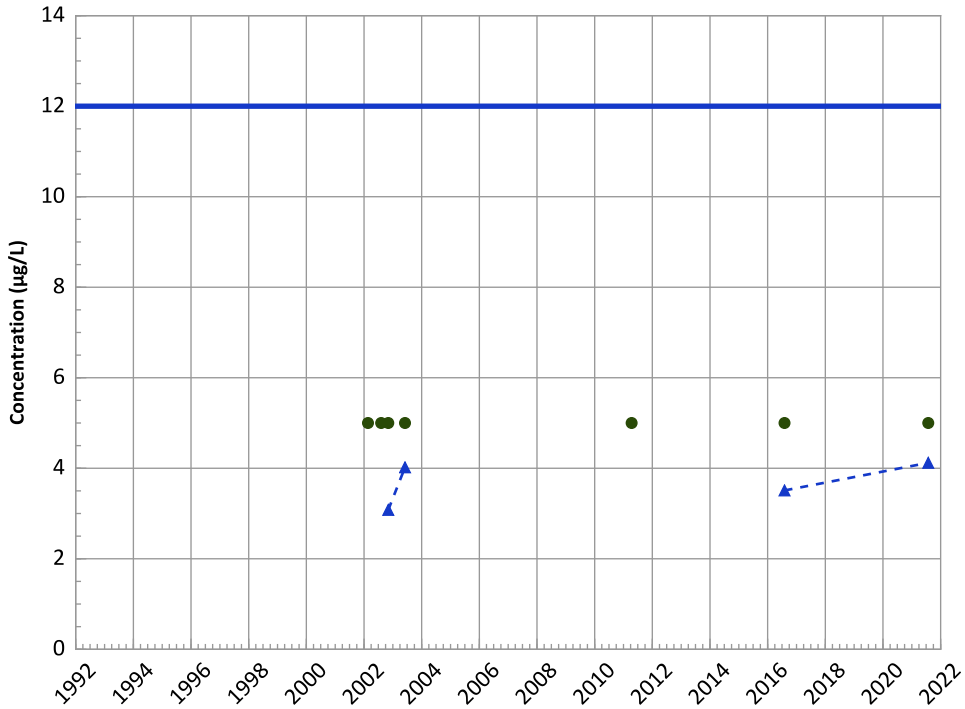
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

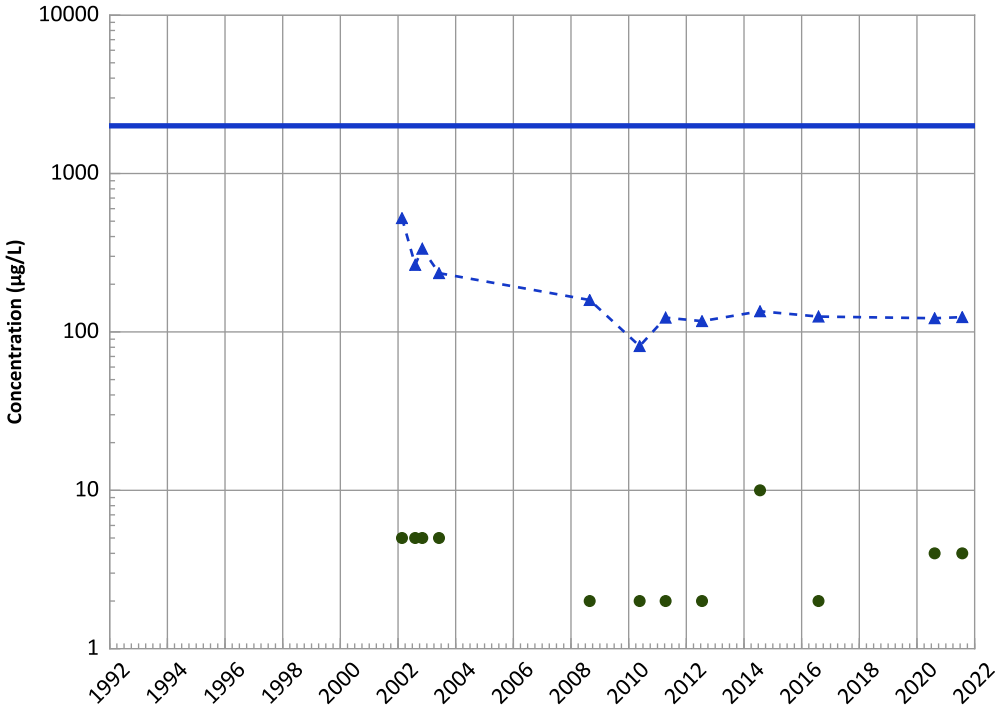


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Barium Trend

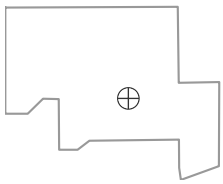


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Well Location

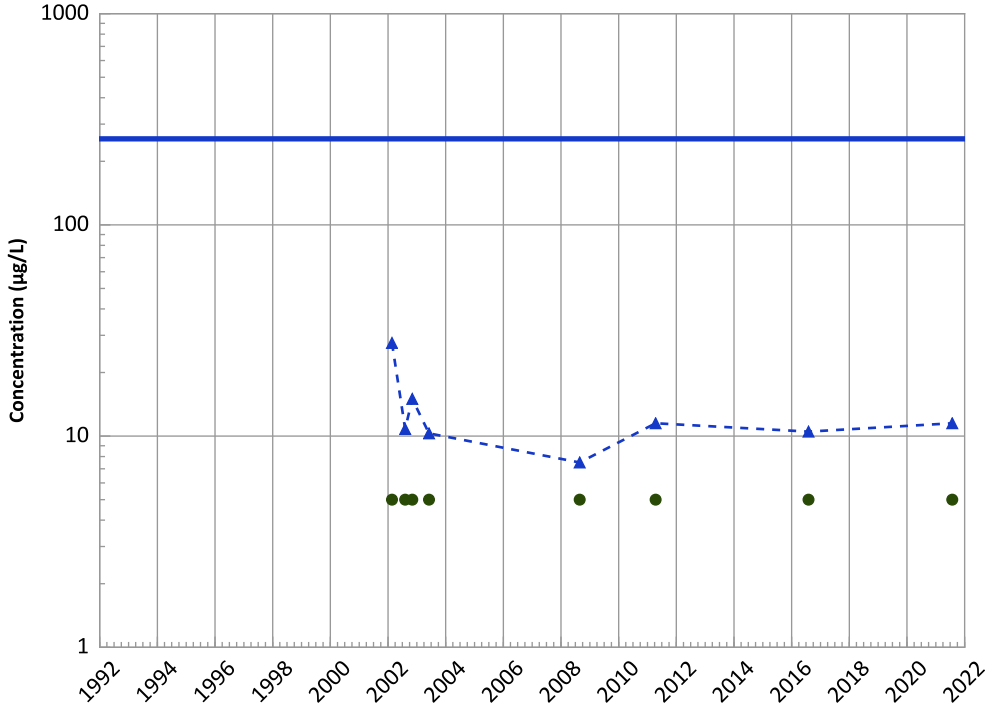


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1077A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

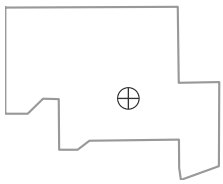
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

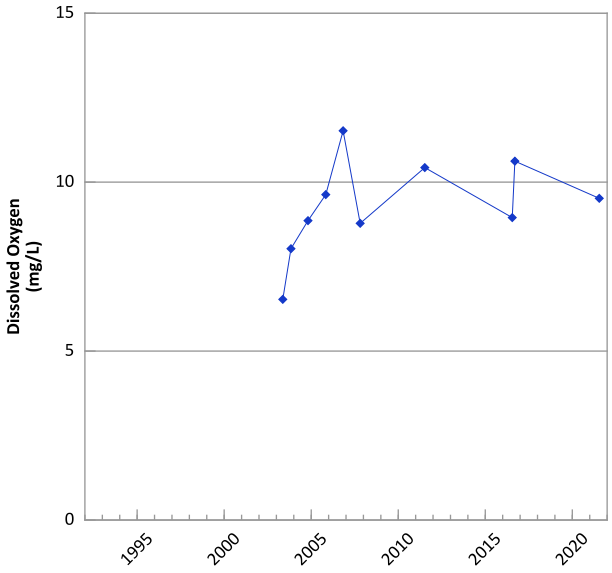
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2002 to 07/28/2021
Analysis Date: 04/05/2022

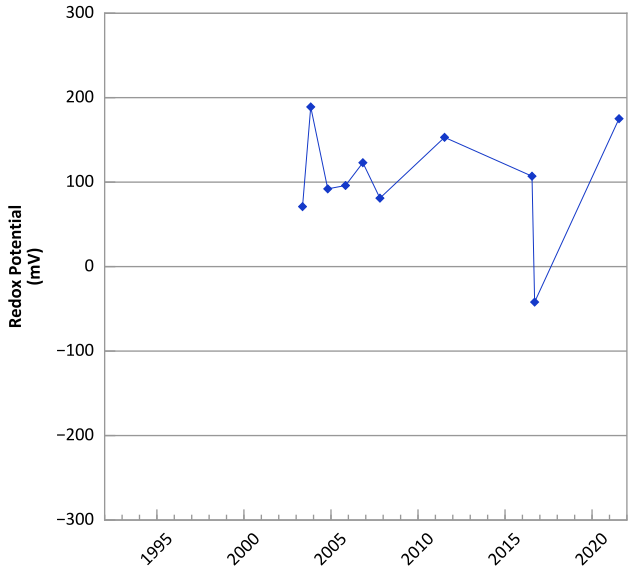
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

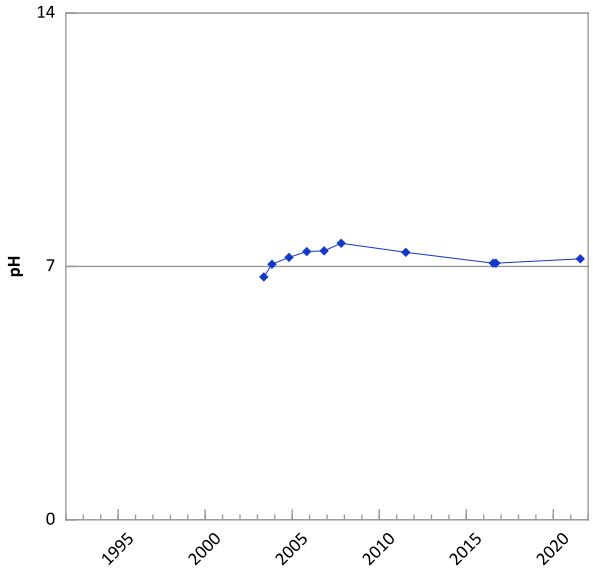
Well Location

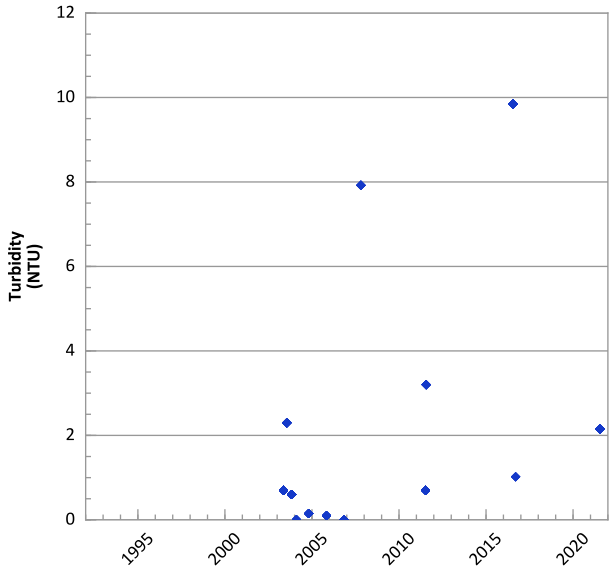


PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



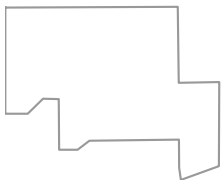






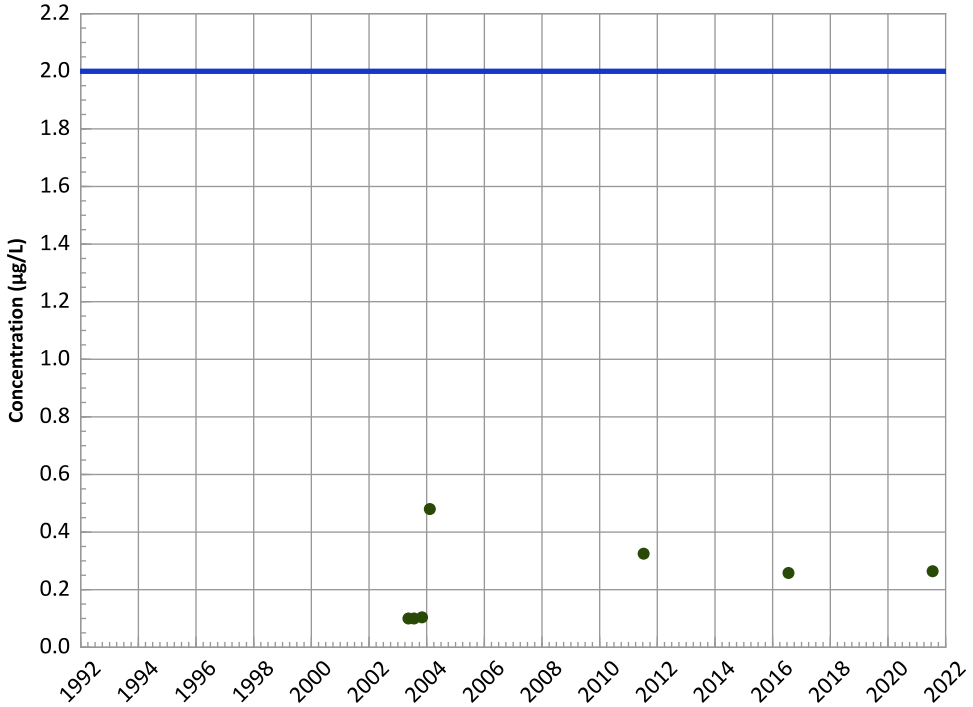
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

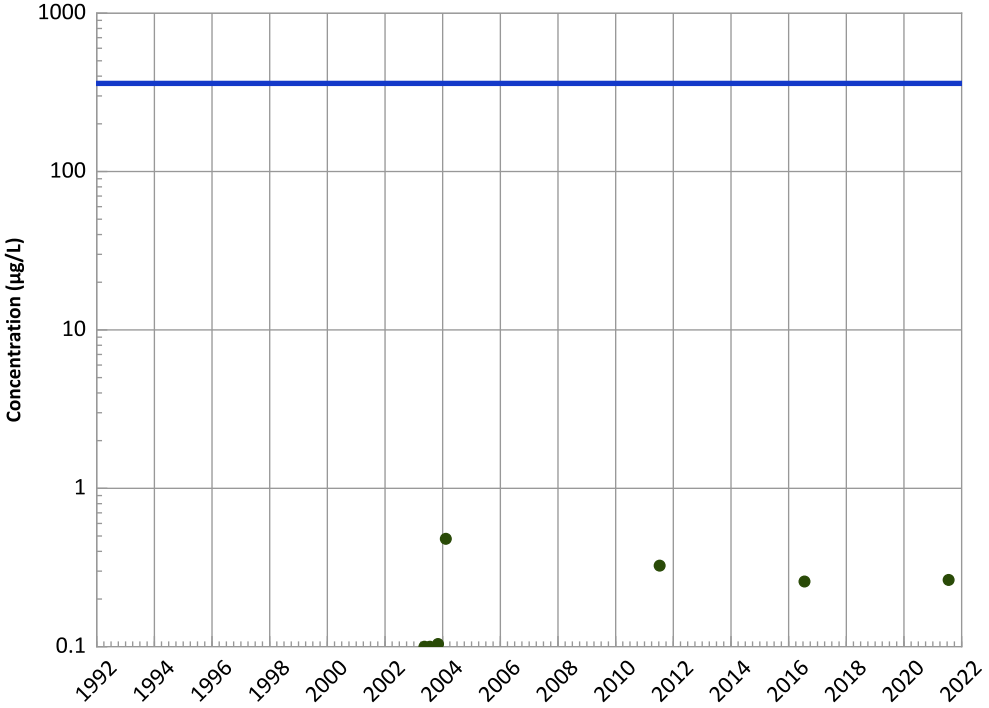


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

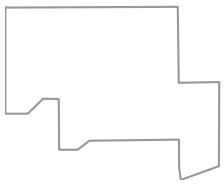
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

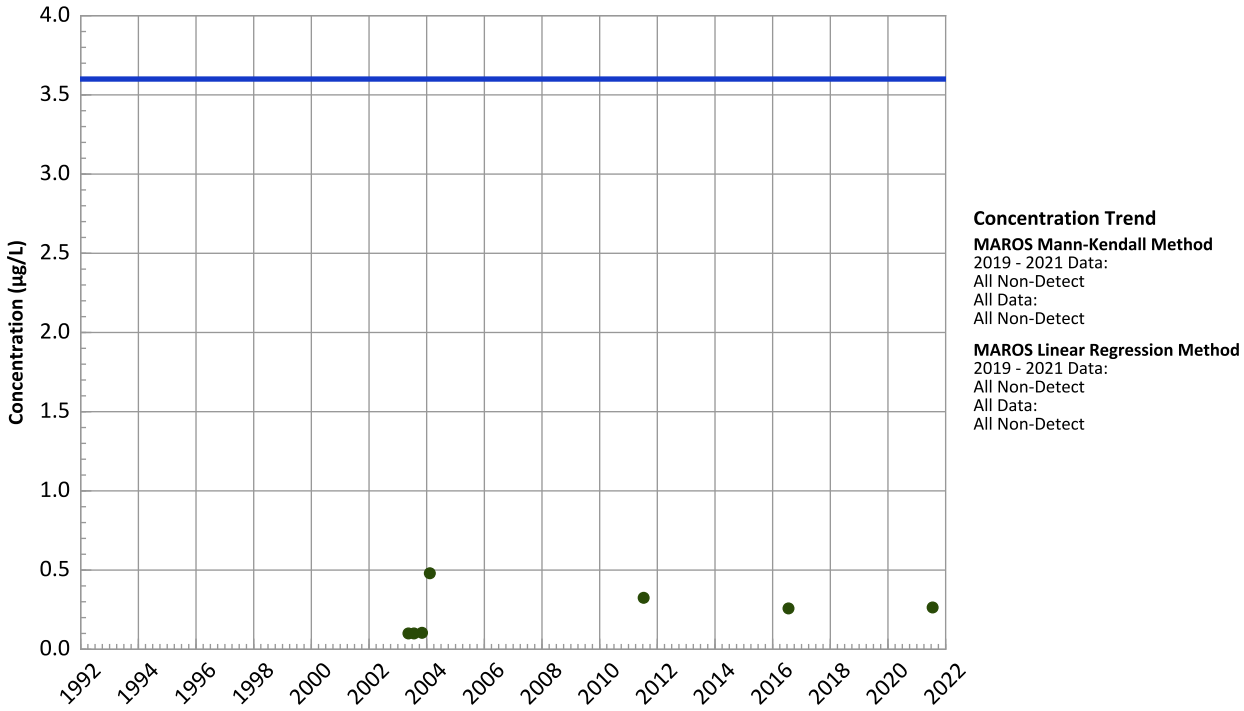
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

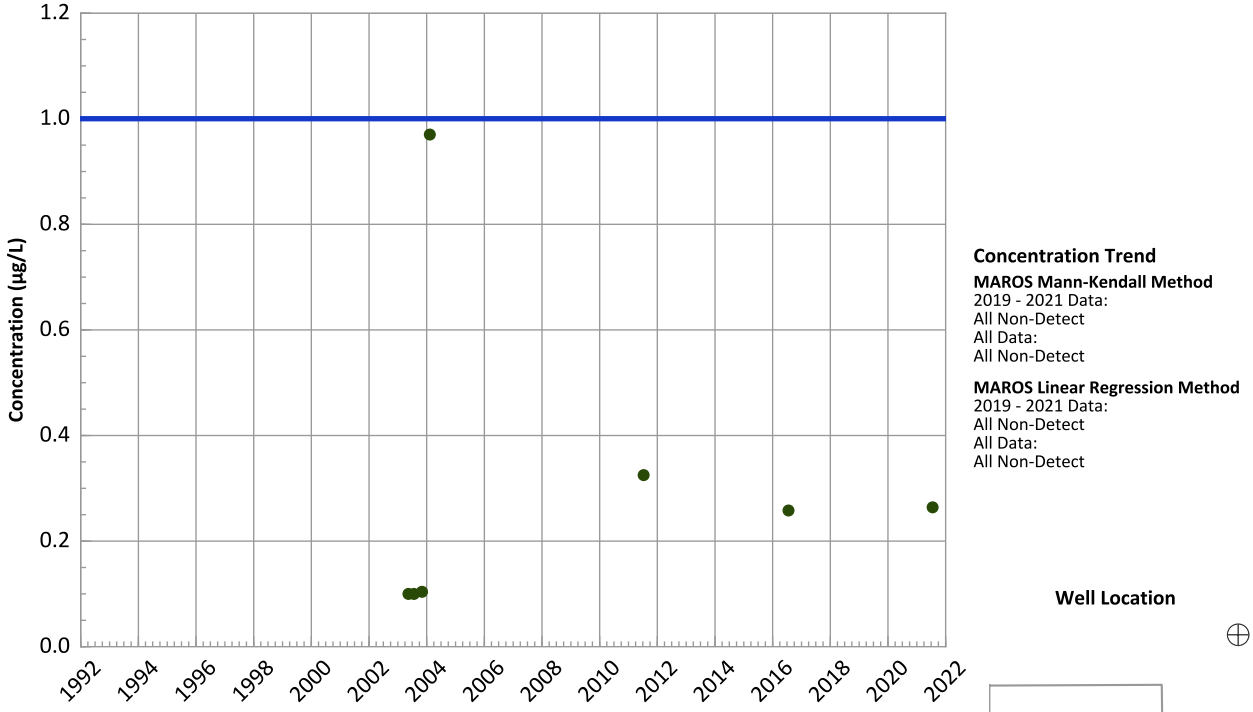


PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



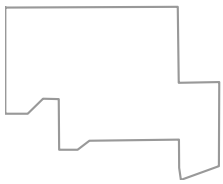
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

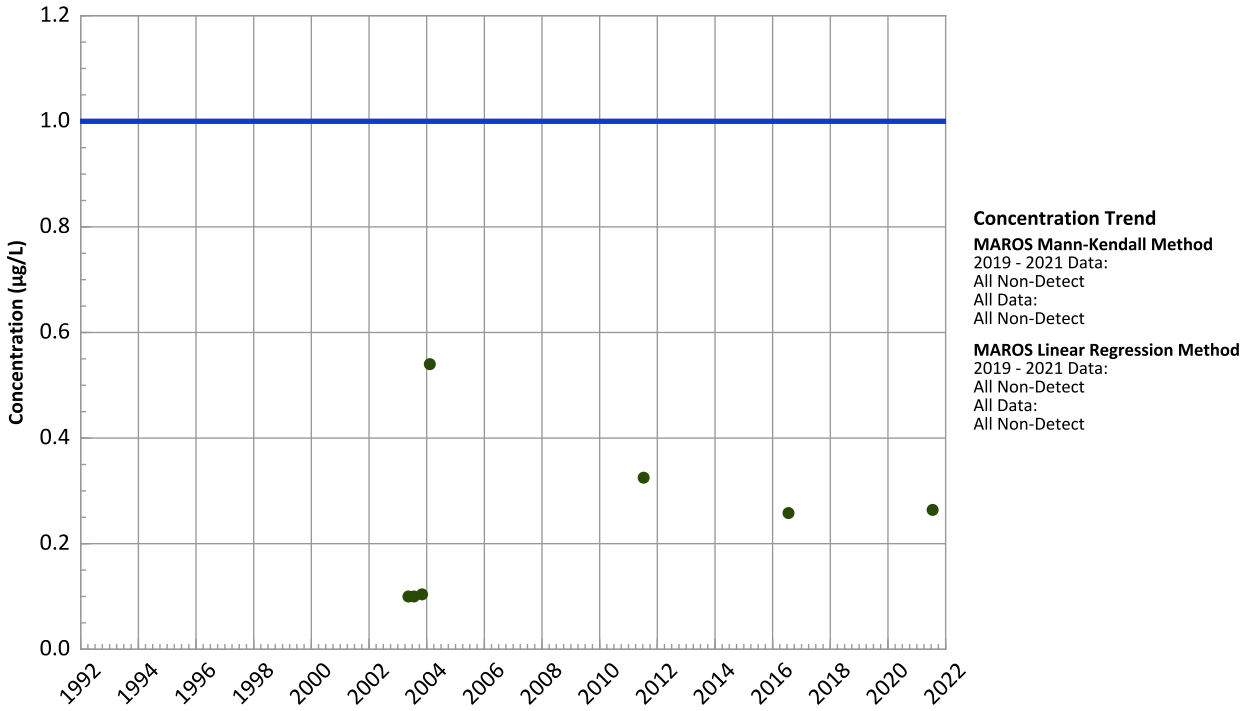
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

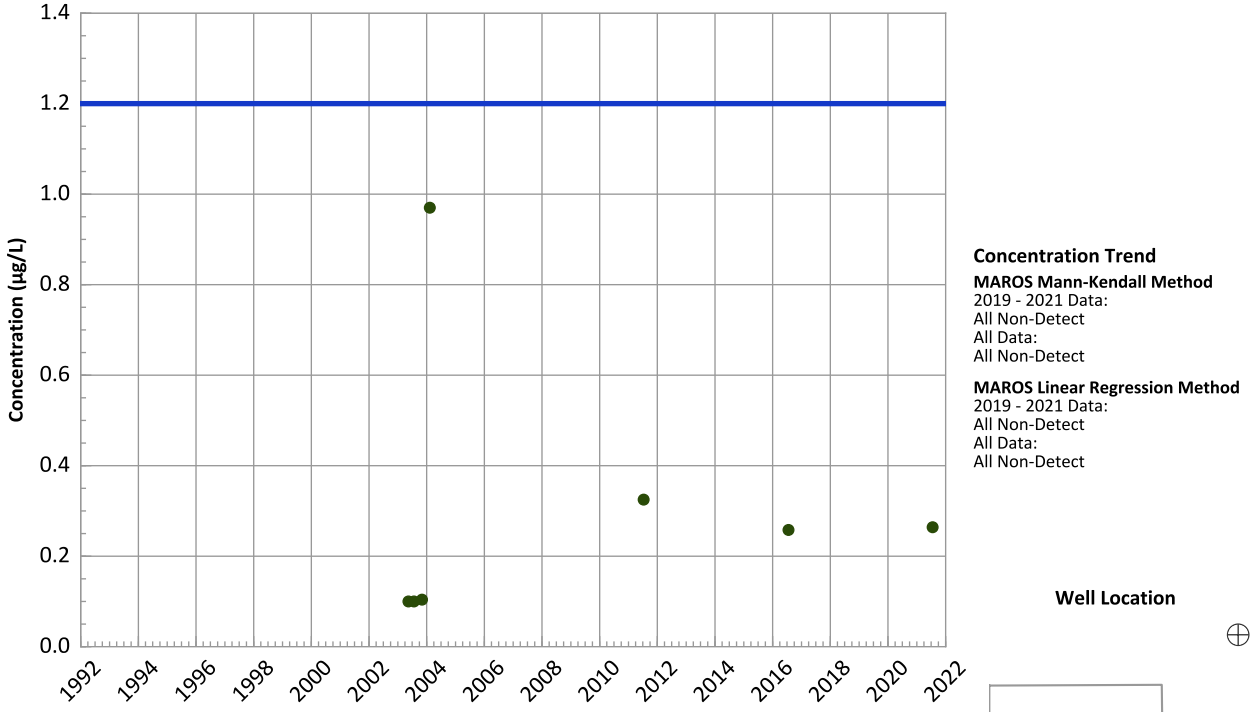


PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



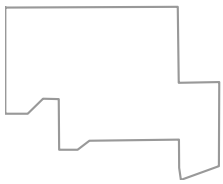
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

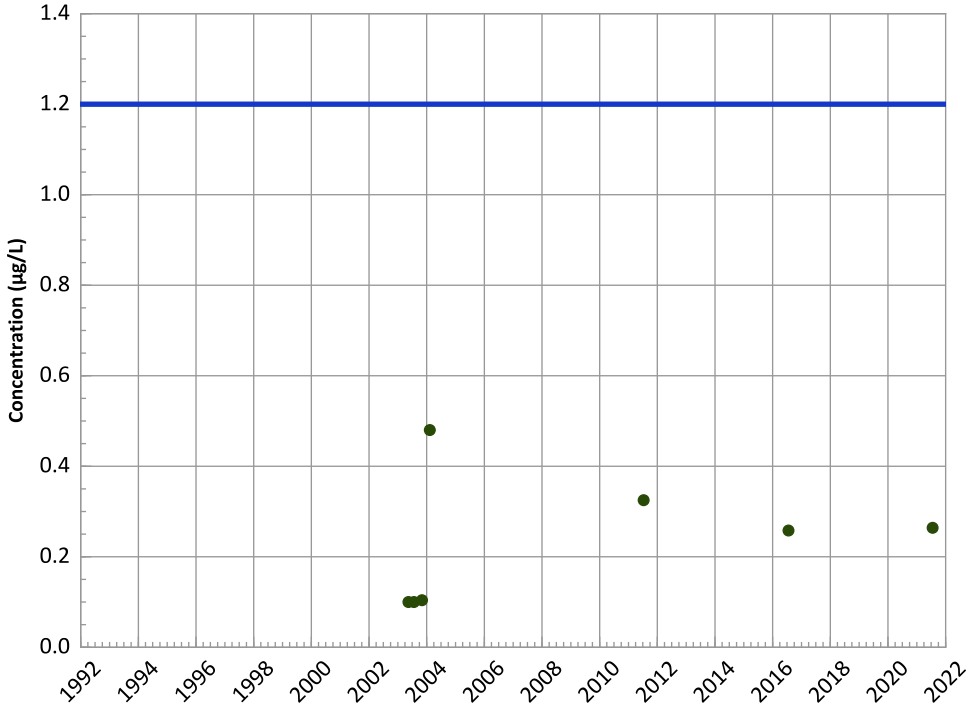
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

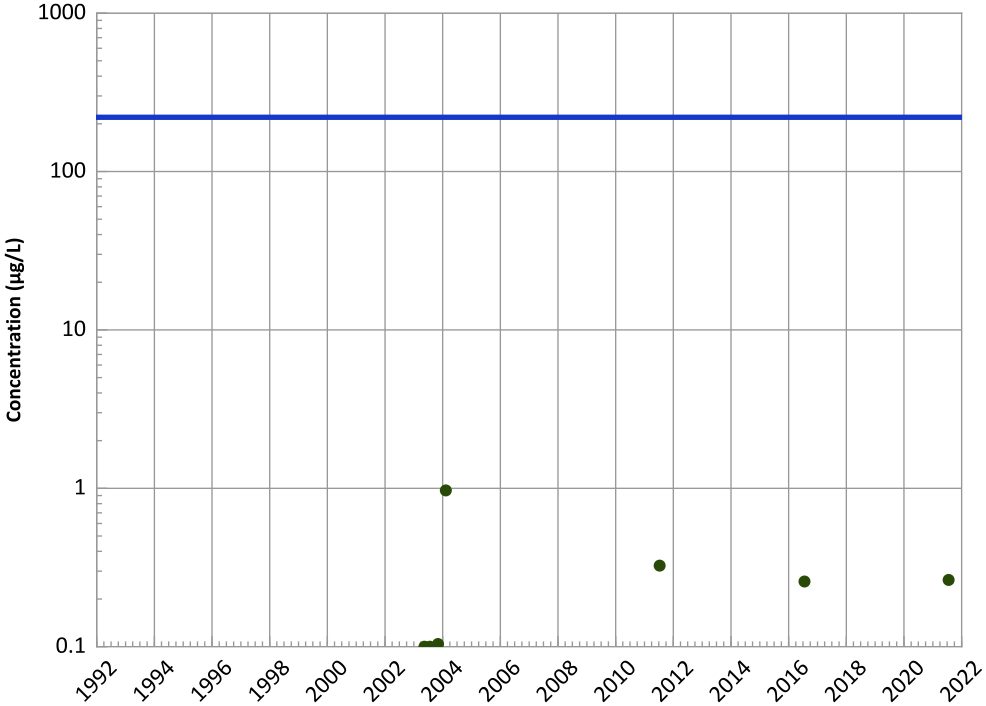


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

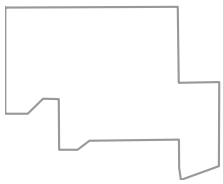
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

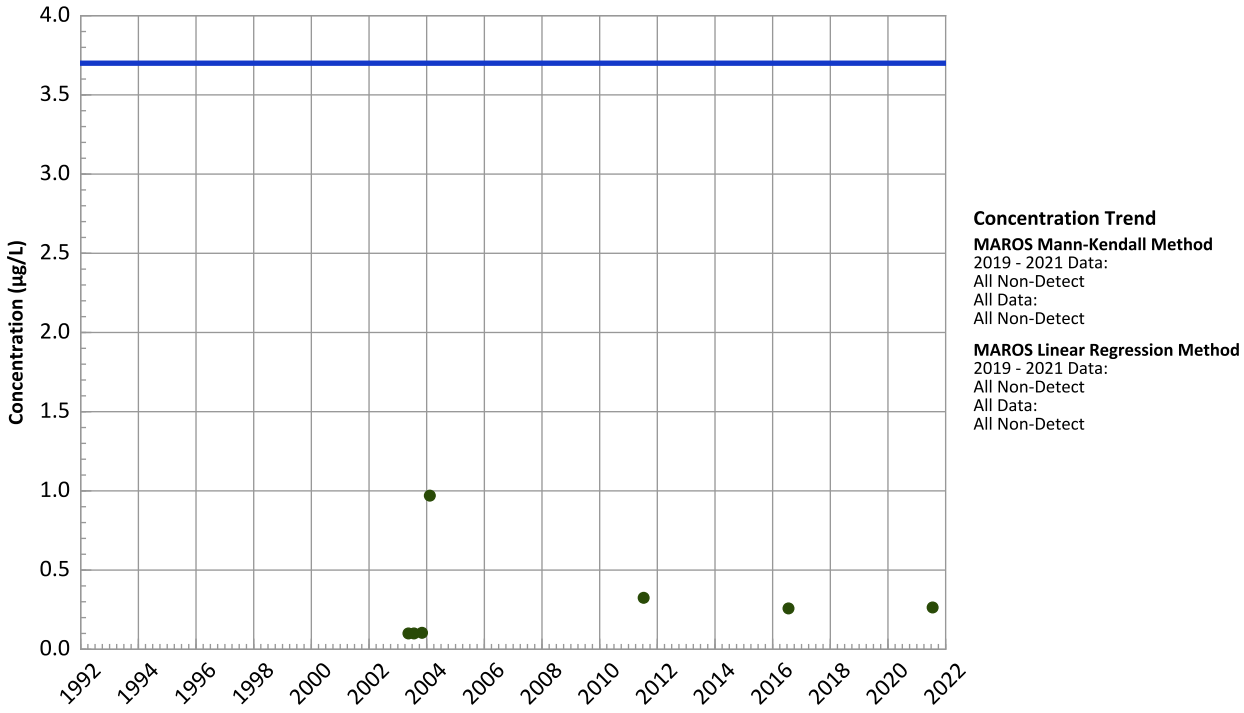
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

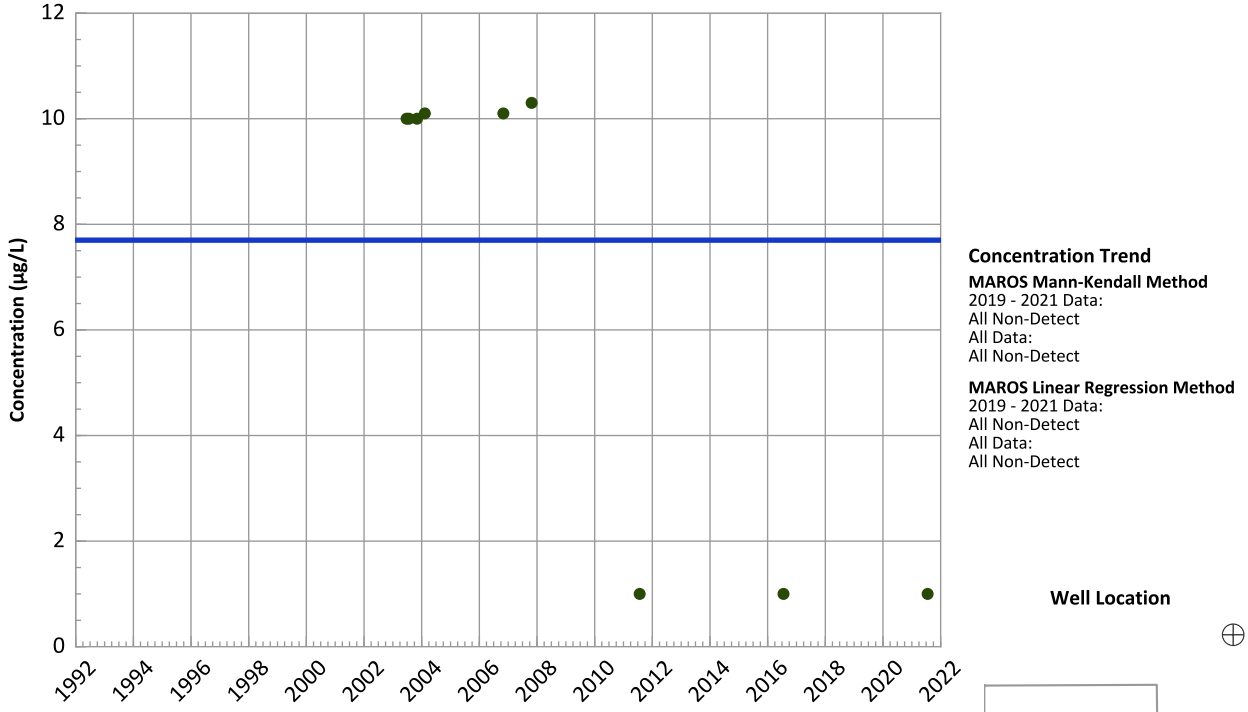


PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



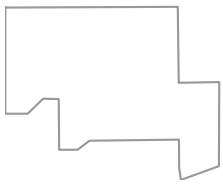
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

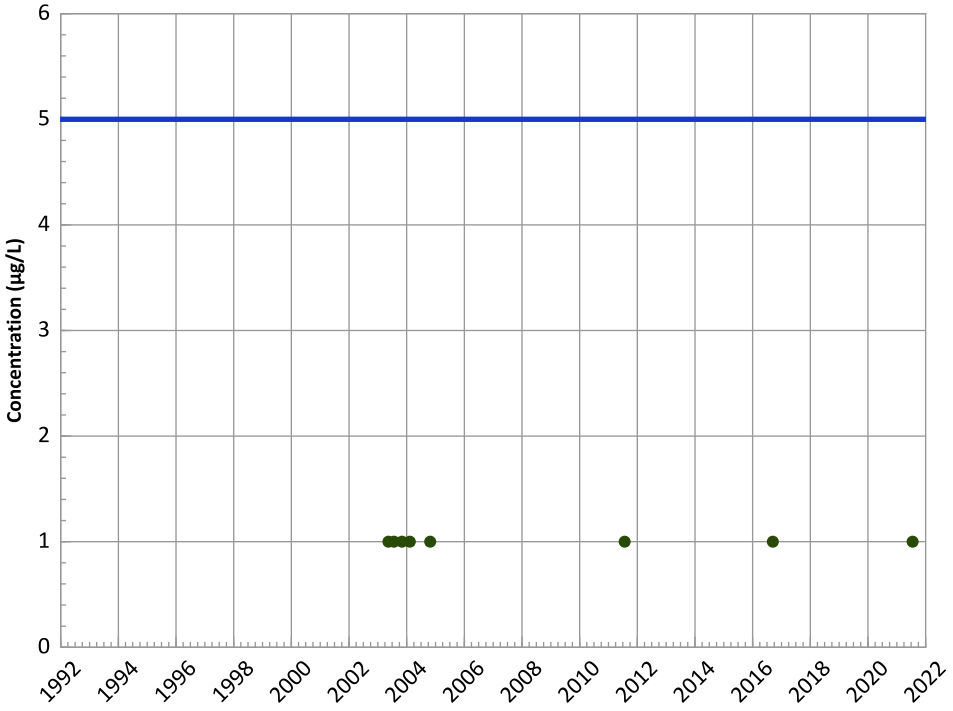
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

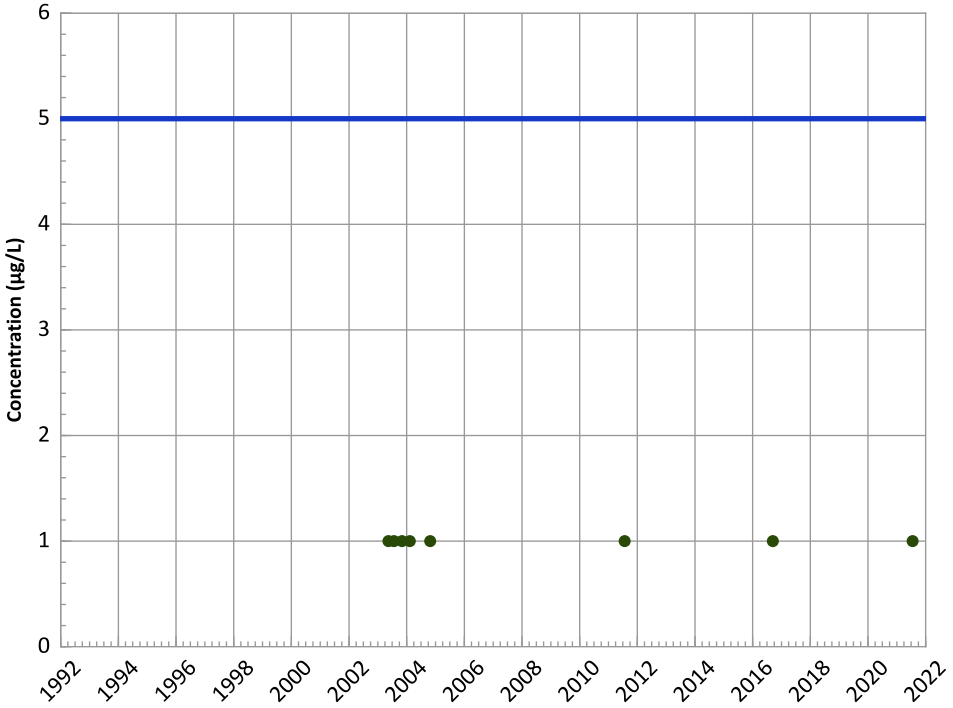


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend

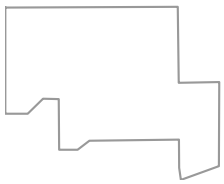


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

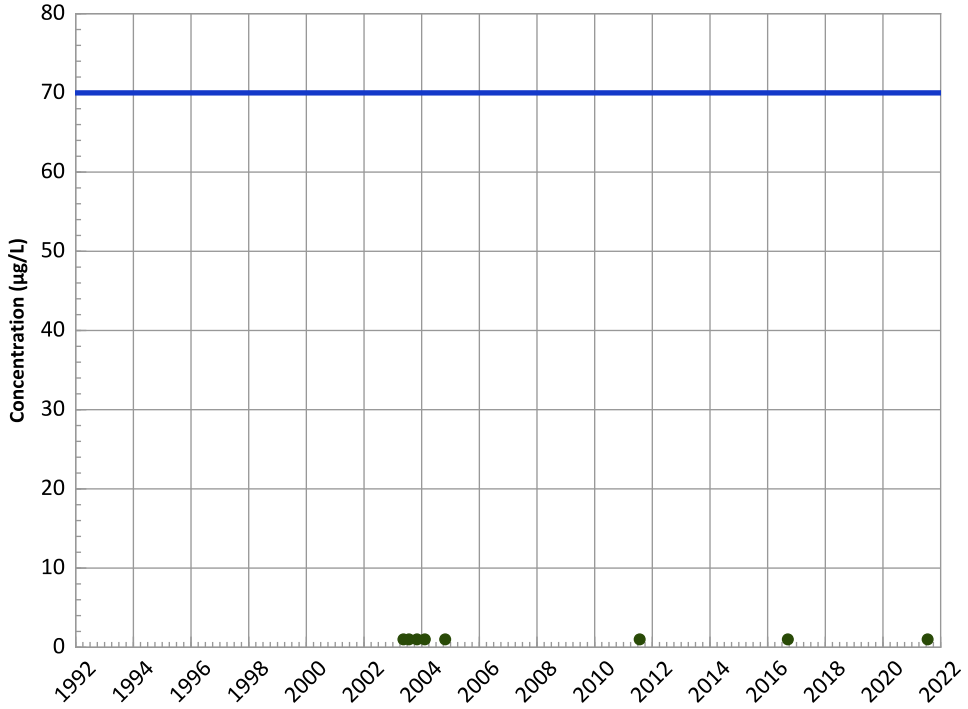


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

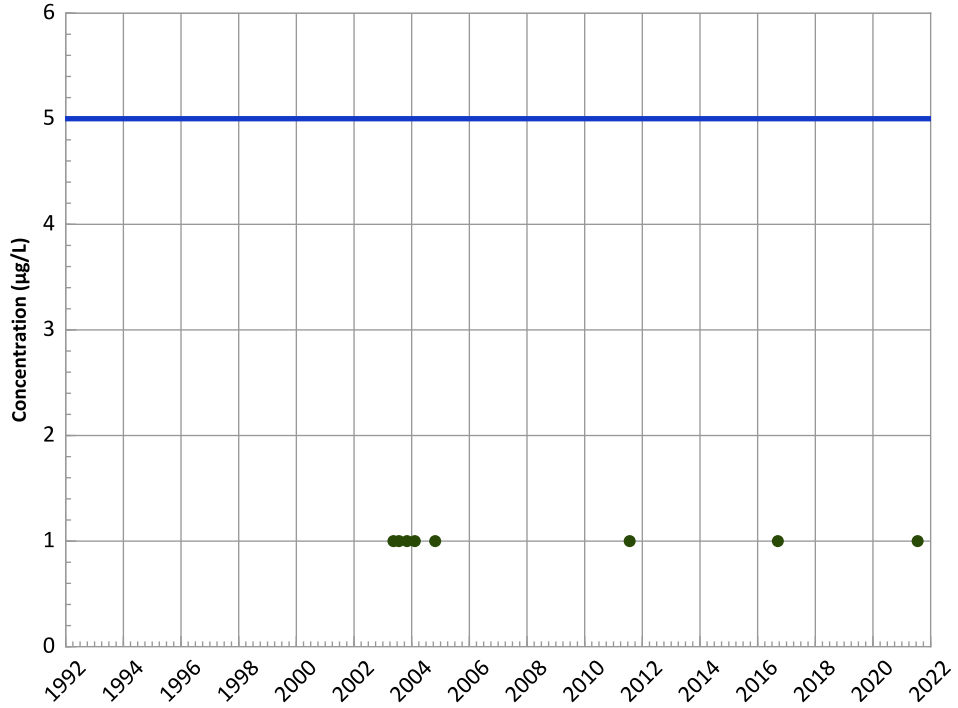


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

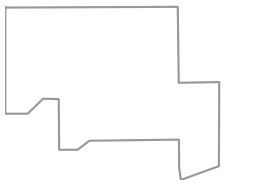
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

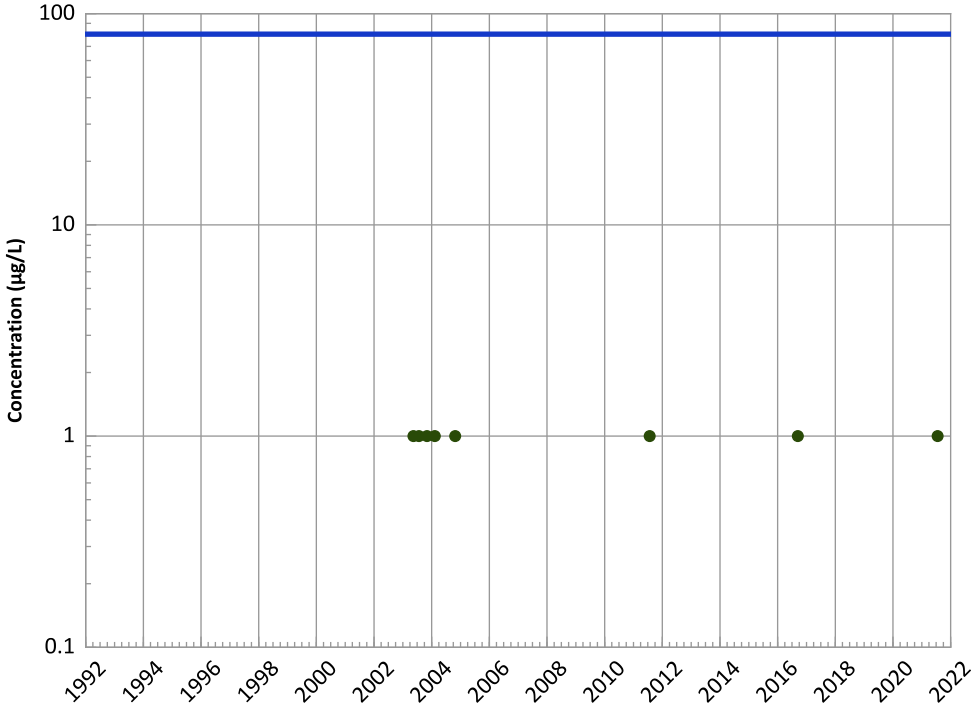
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

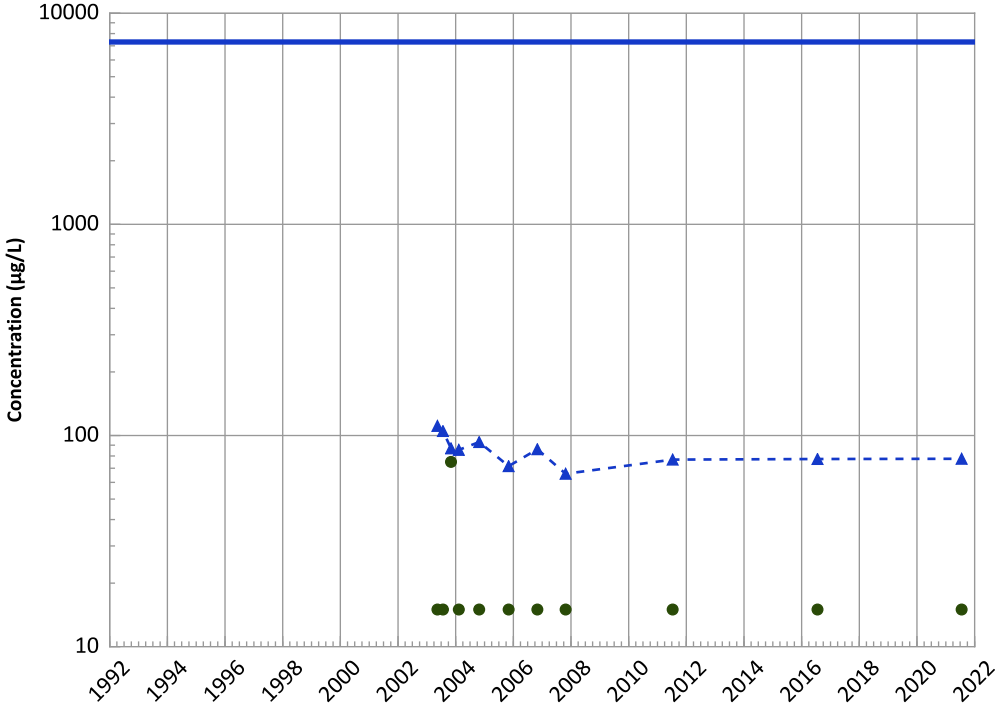


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

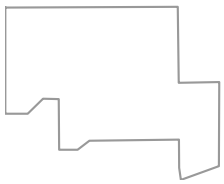
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

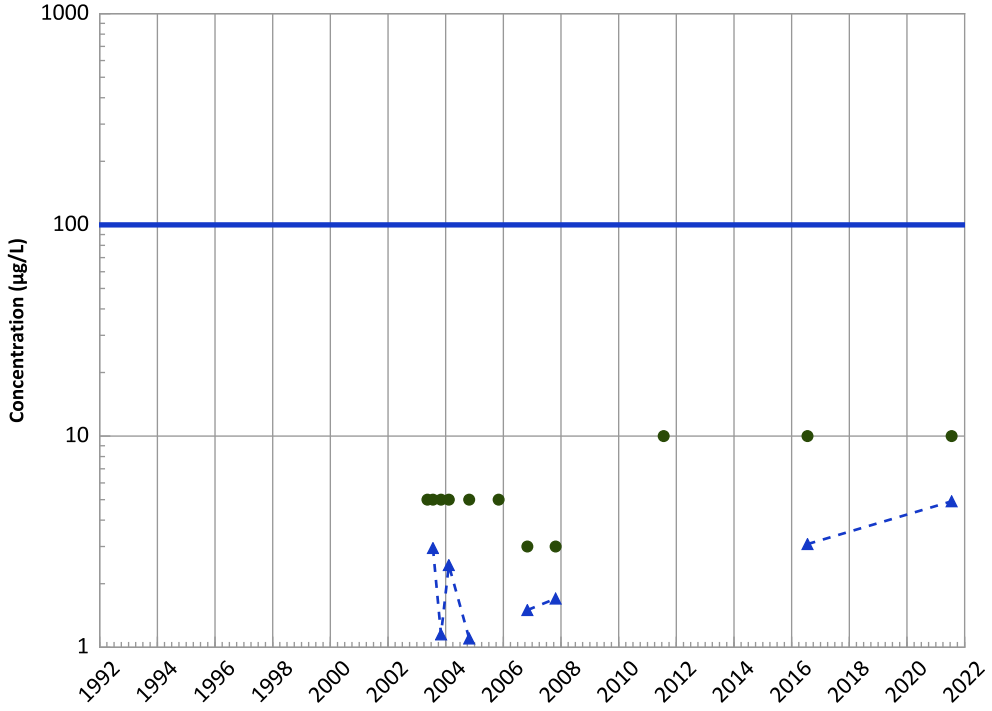
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

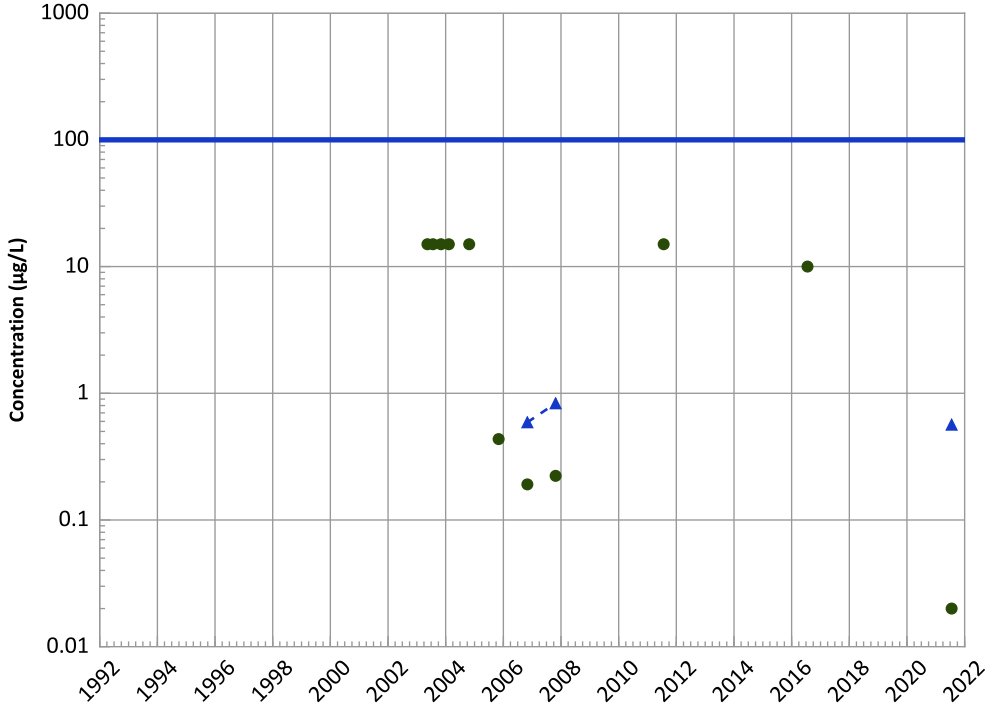


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Chromium, Hexavalent Trend



Concentration Trend

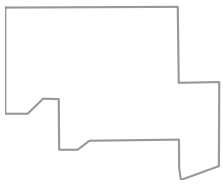
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

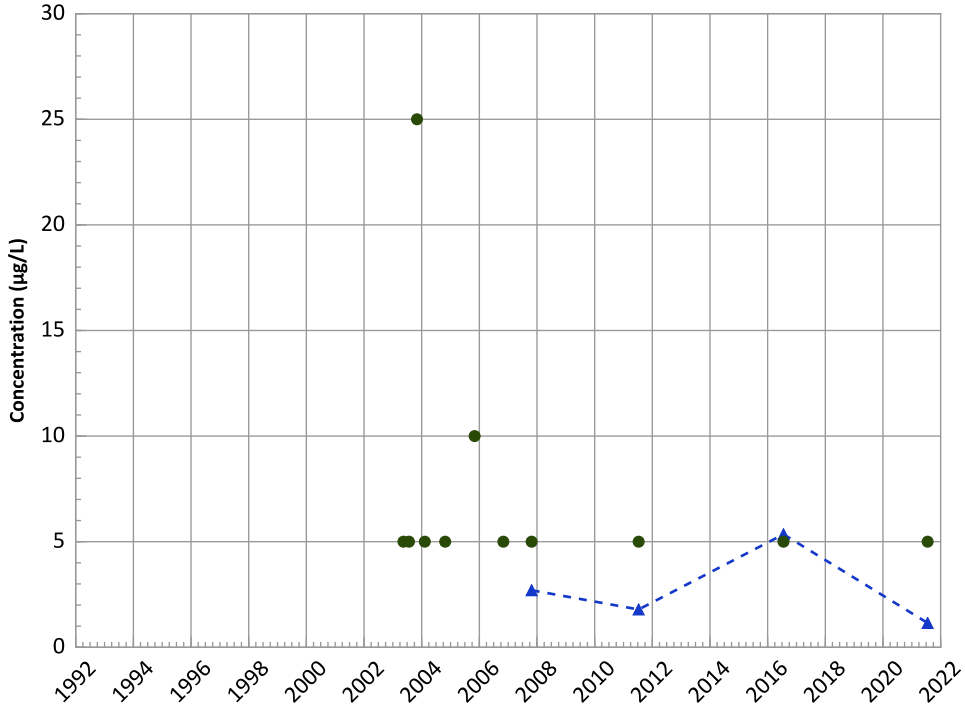
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

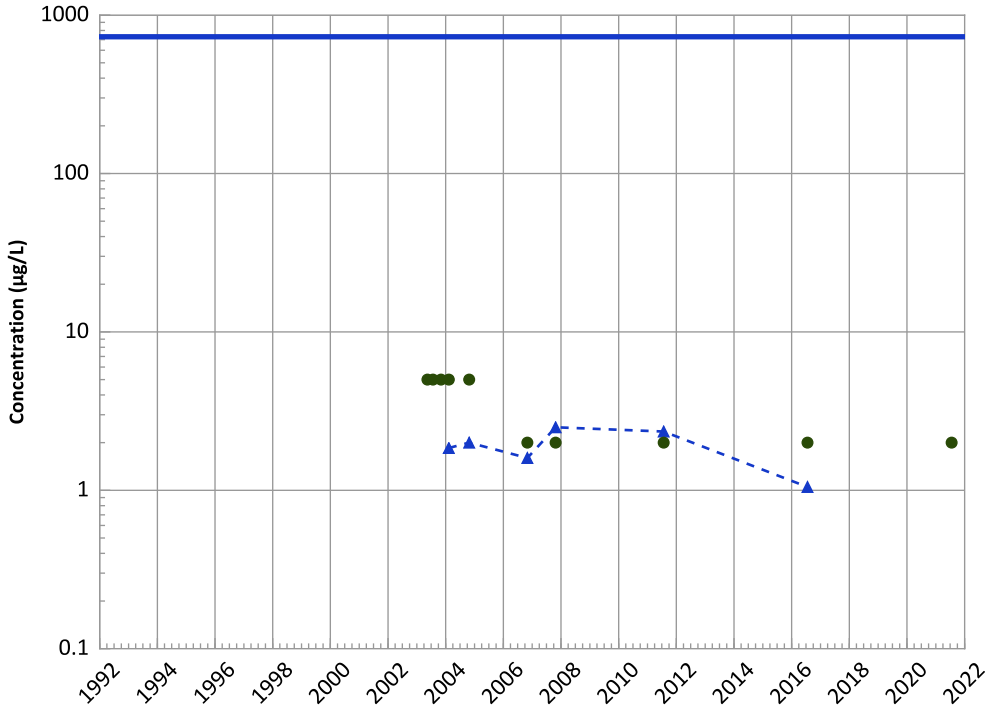


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Nickel Trend



Concentration Trend

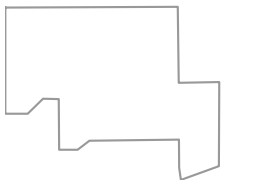
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

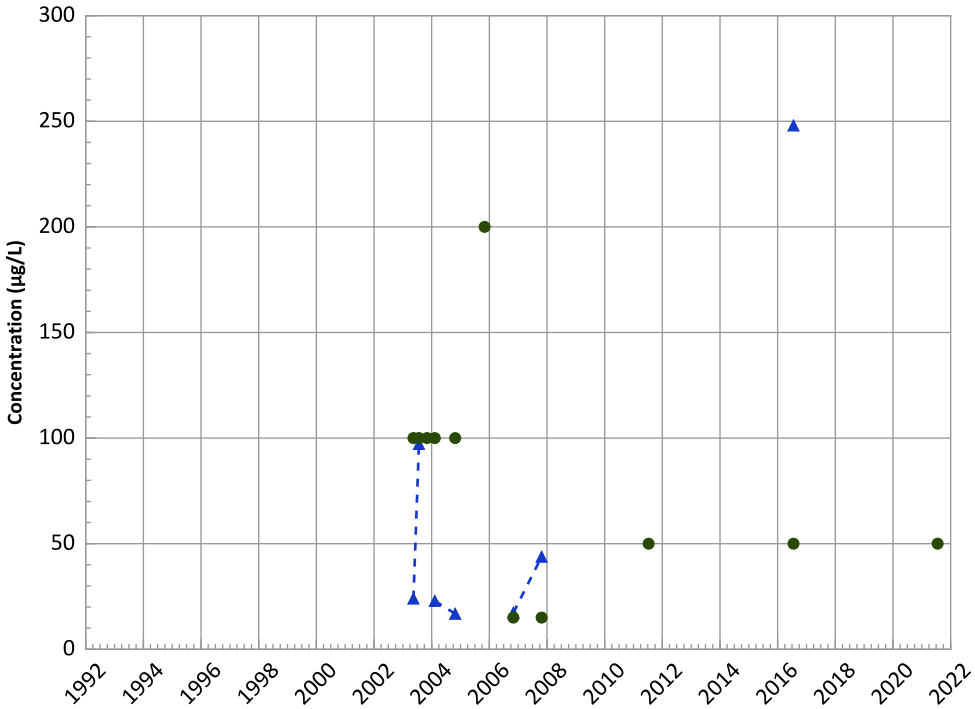
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

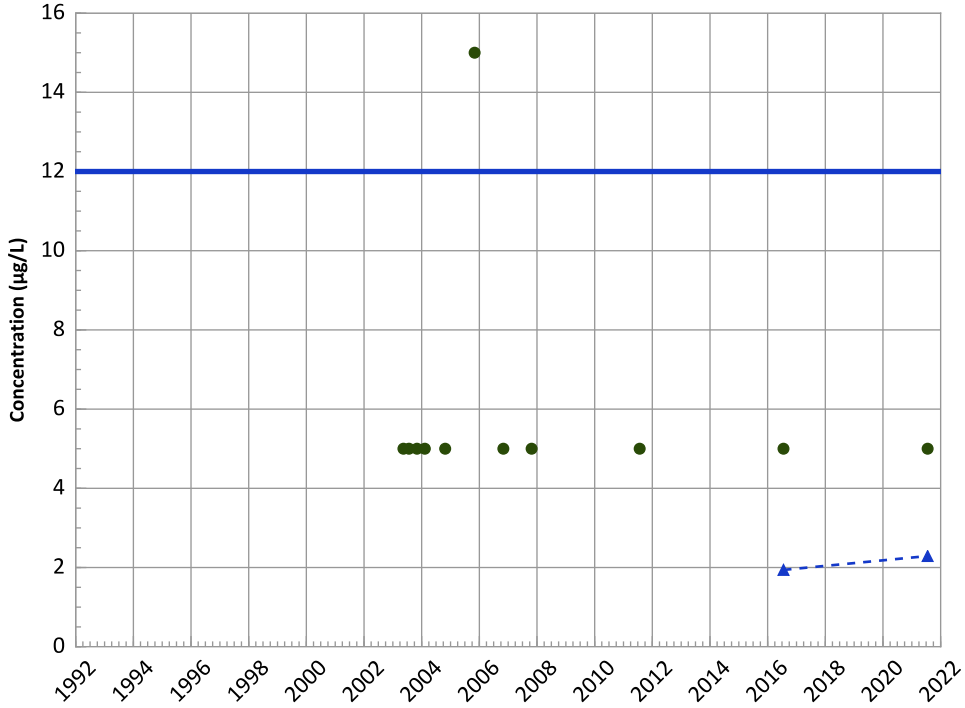


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Arsenic Trend



Concentration Trend

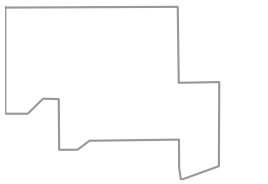
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

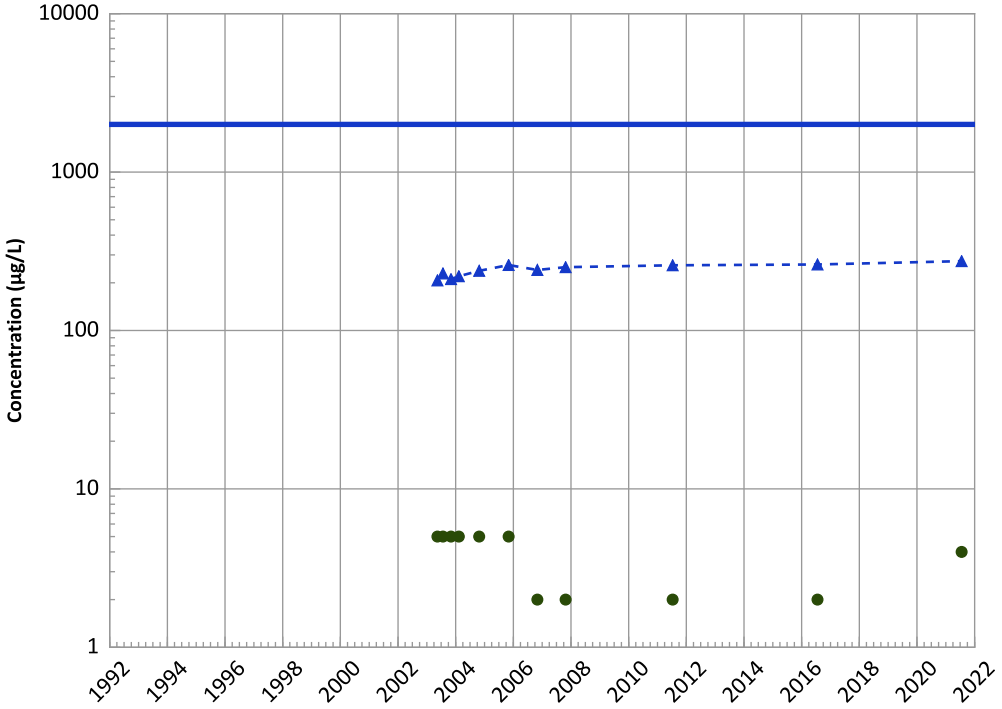
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

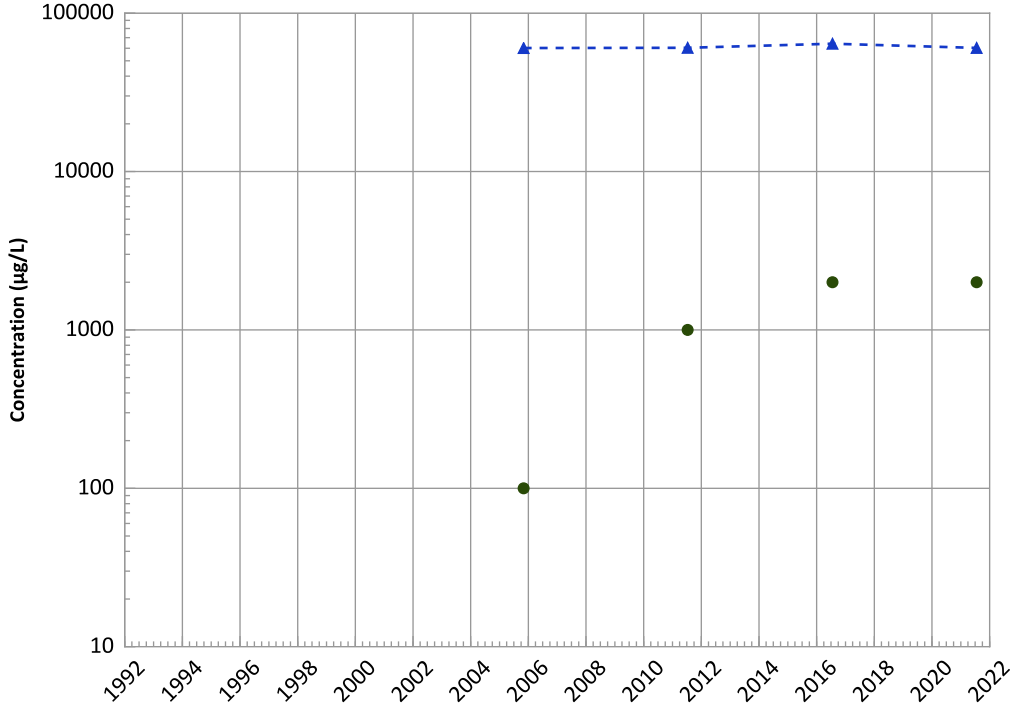


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Calcium Trend



Concentration Trend

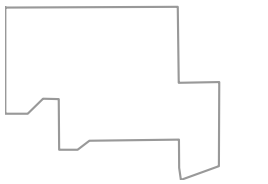
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

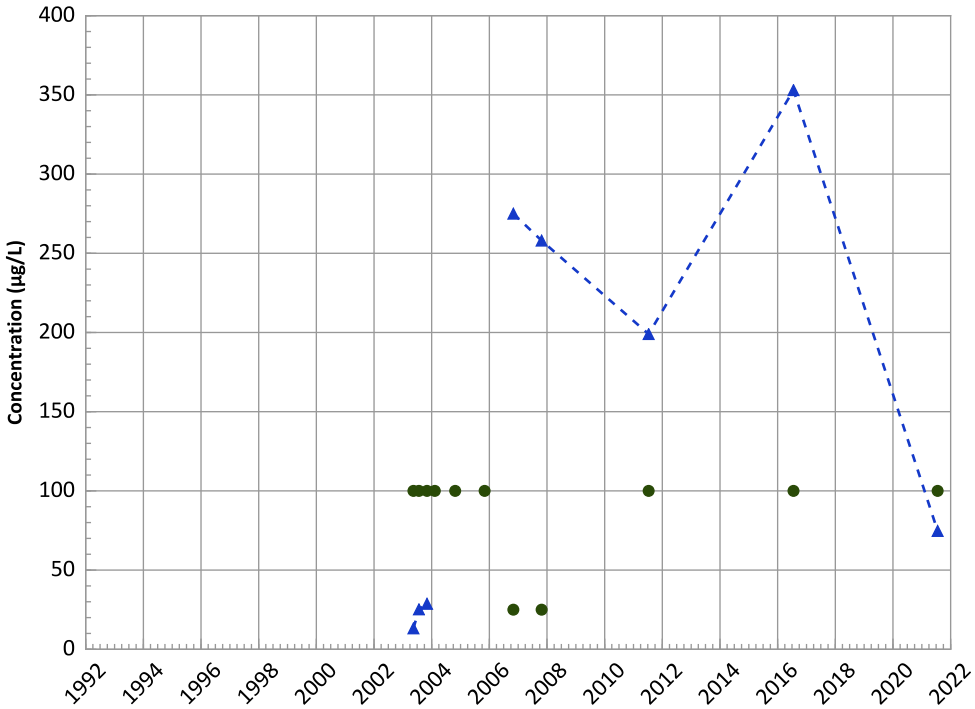
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

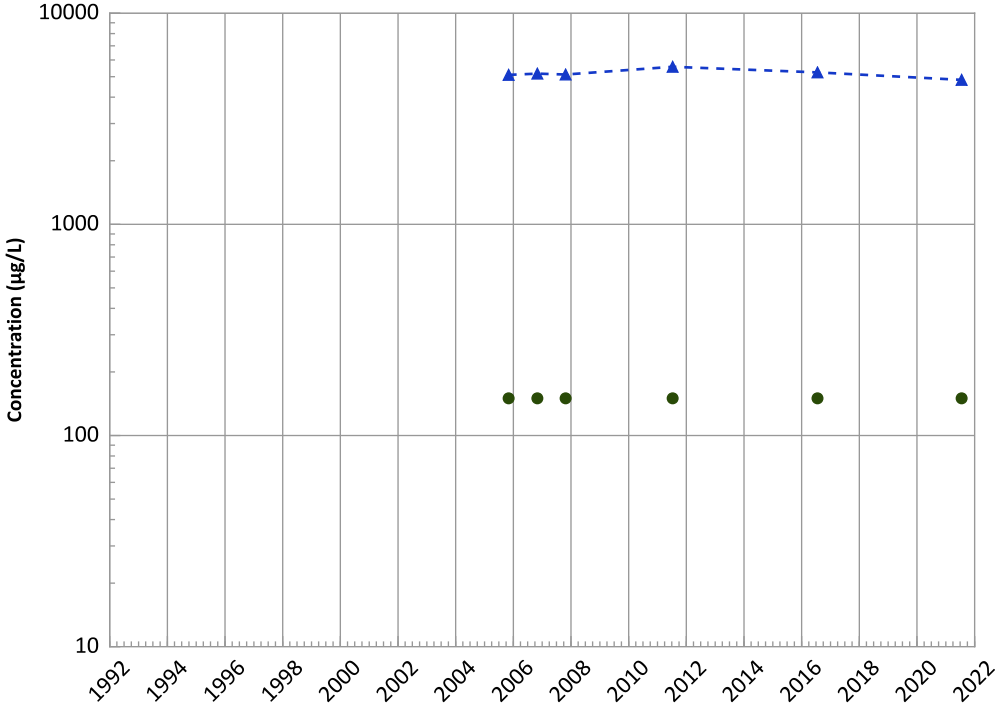


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Potassium Trend



Concentration Trend

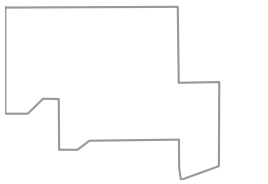
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

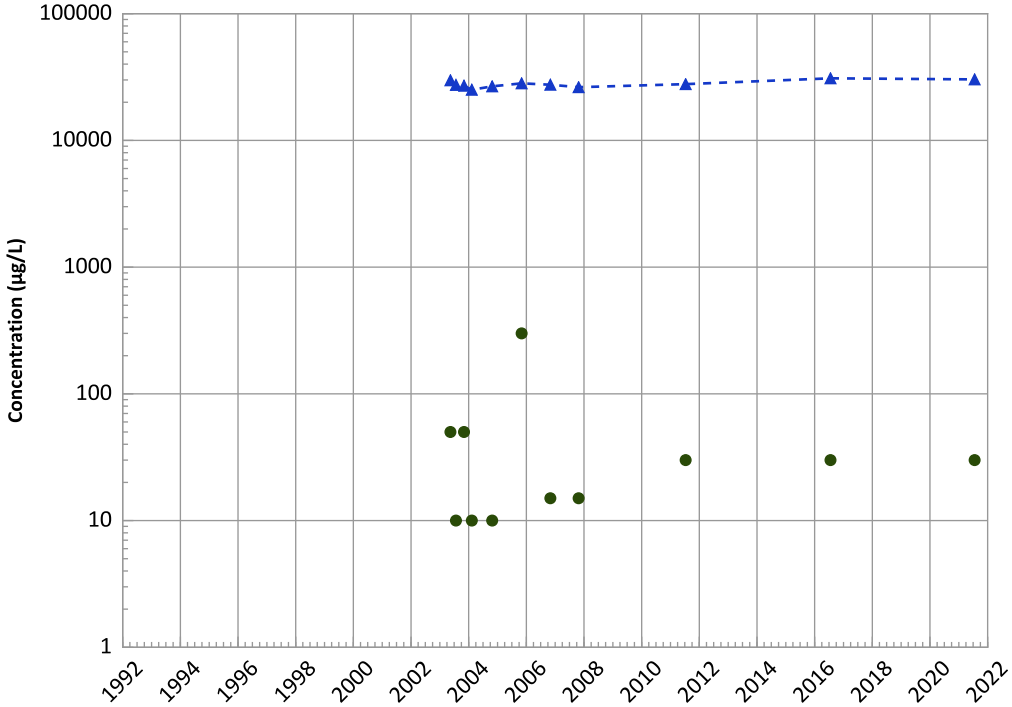
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

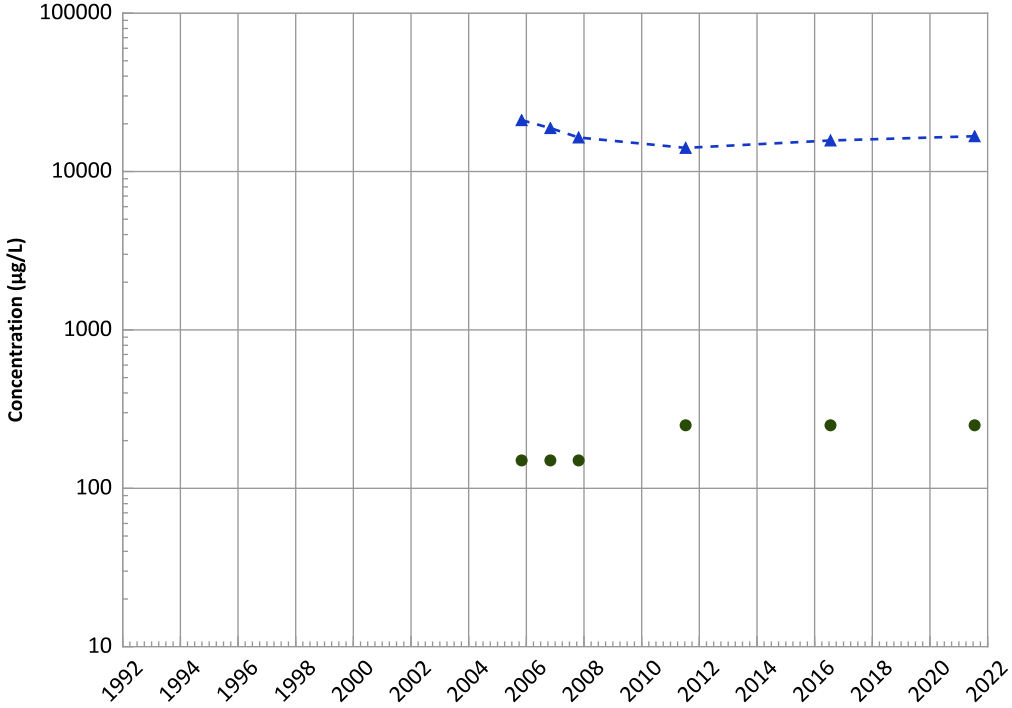


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Sodium Trend



Concentration Trend

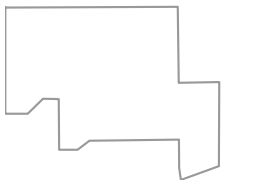
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

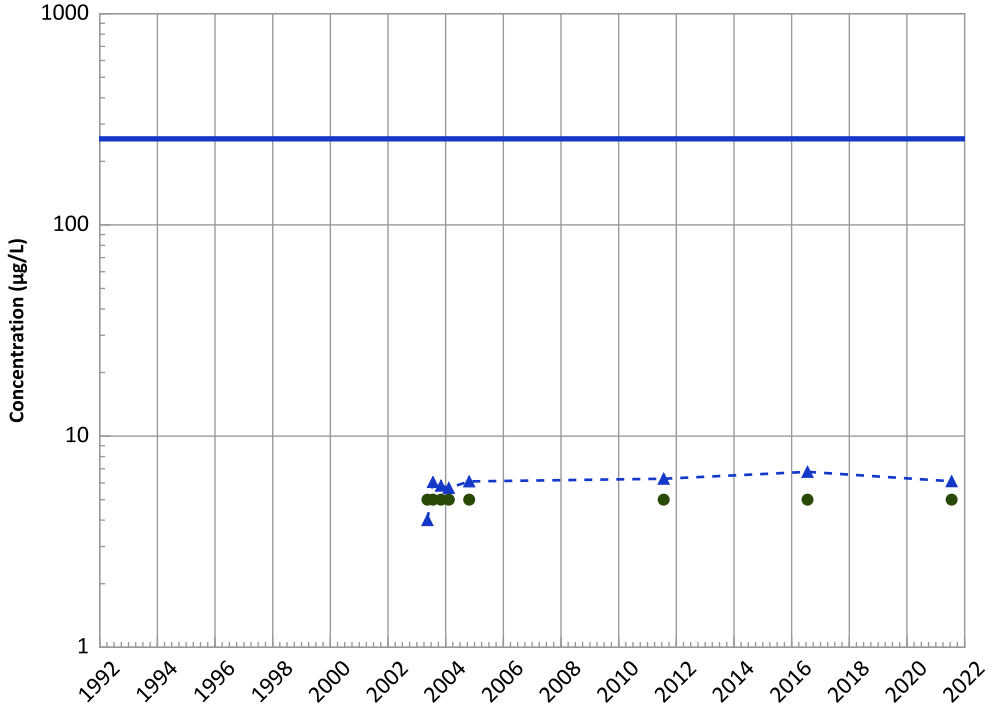
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

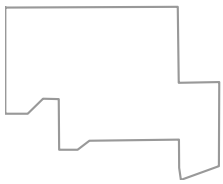
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

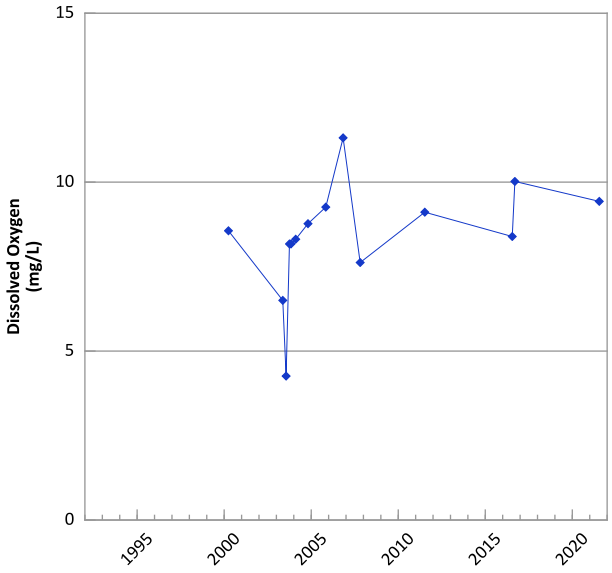
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

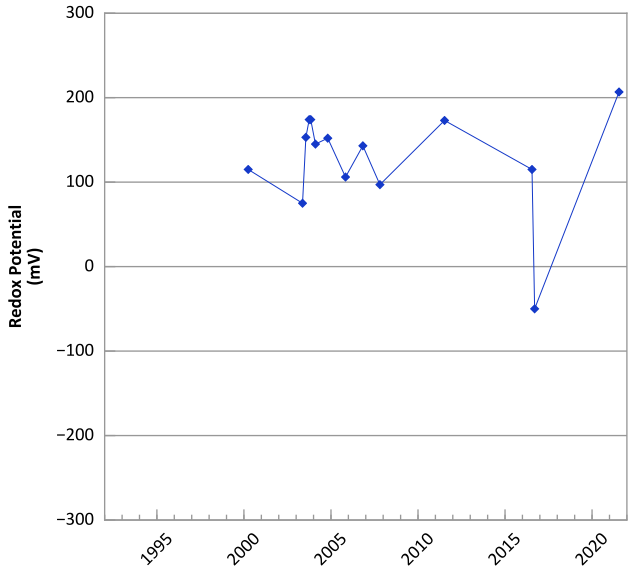
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

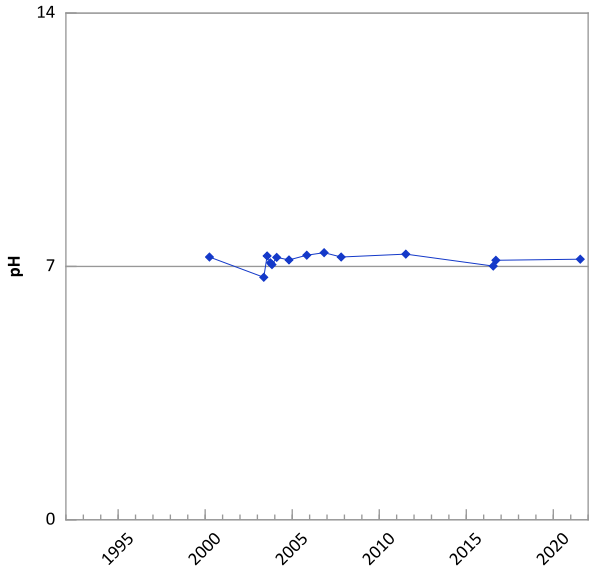
Well Location

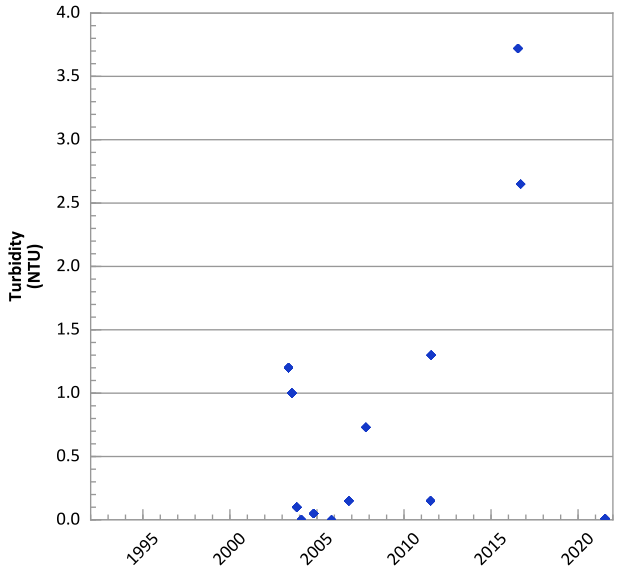


PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



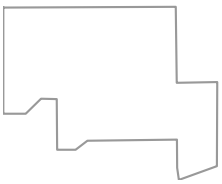






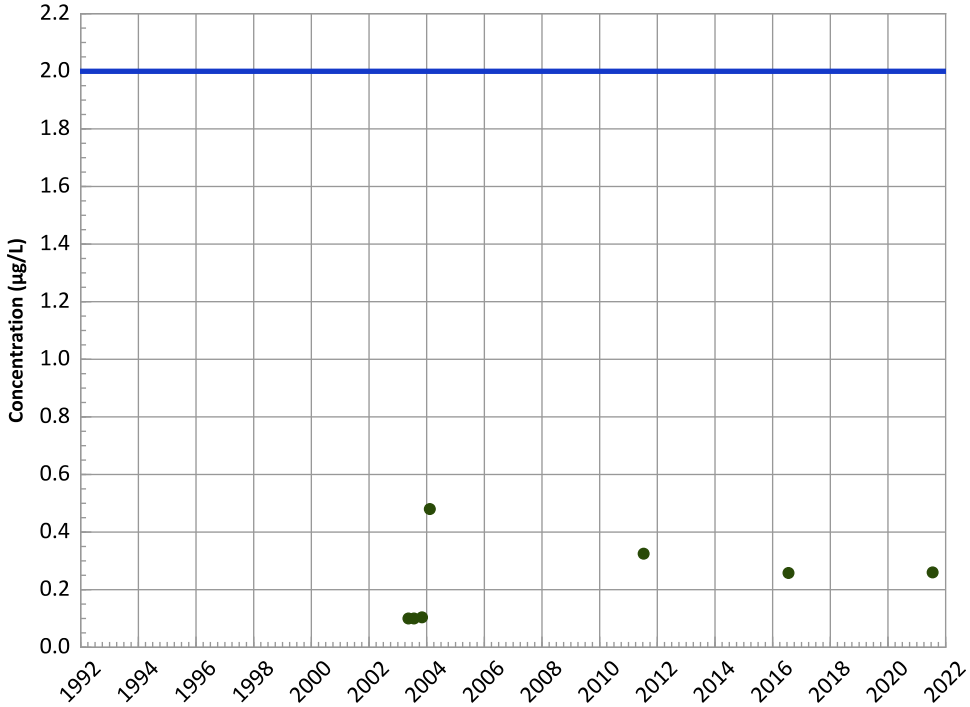
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

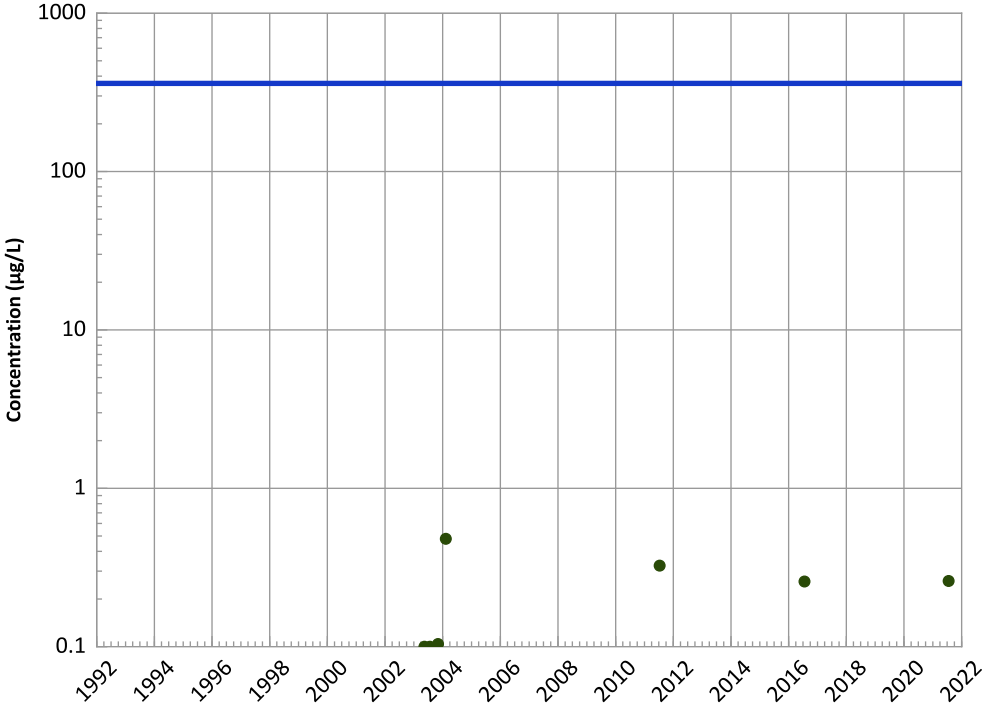


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

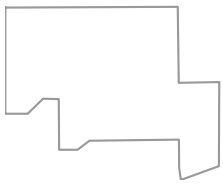
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

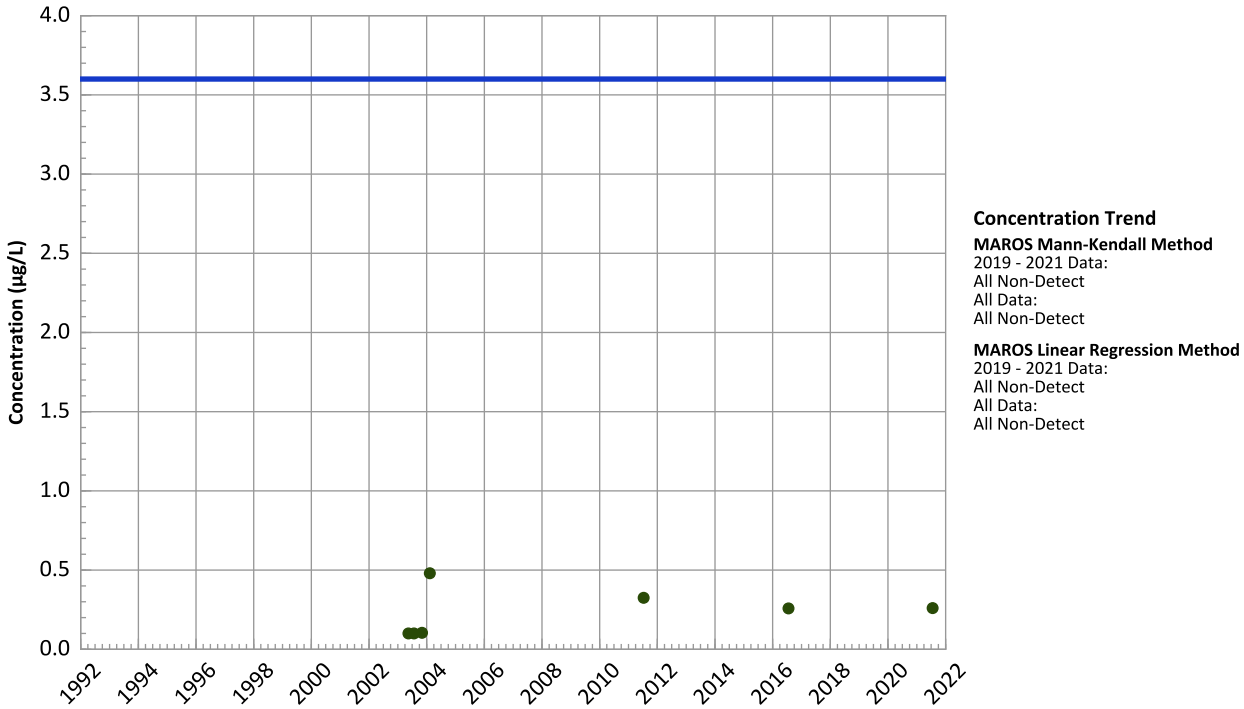
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

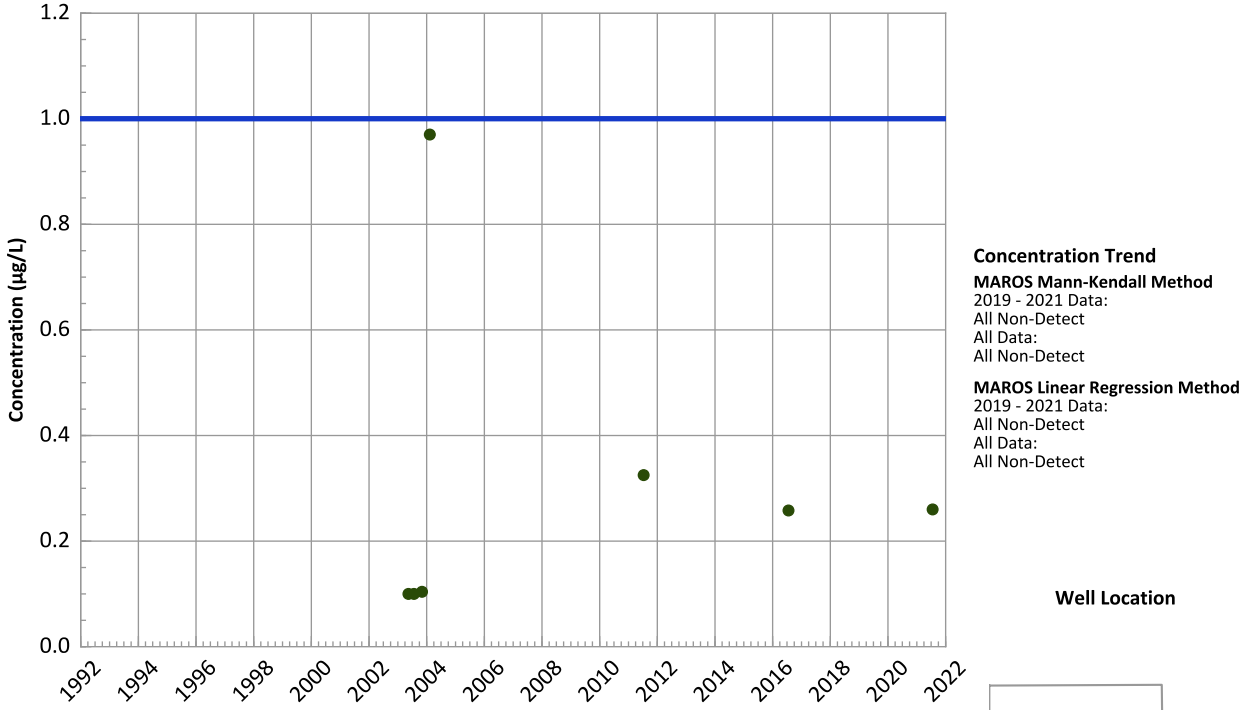


PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



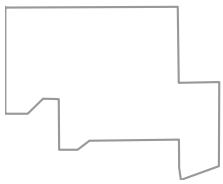
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

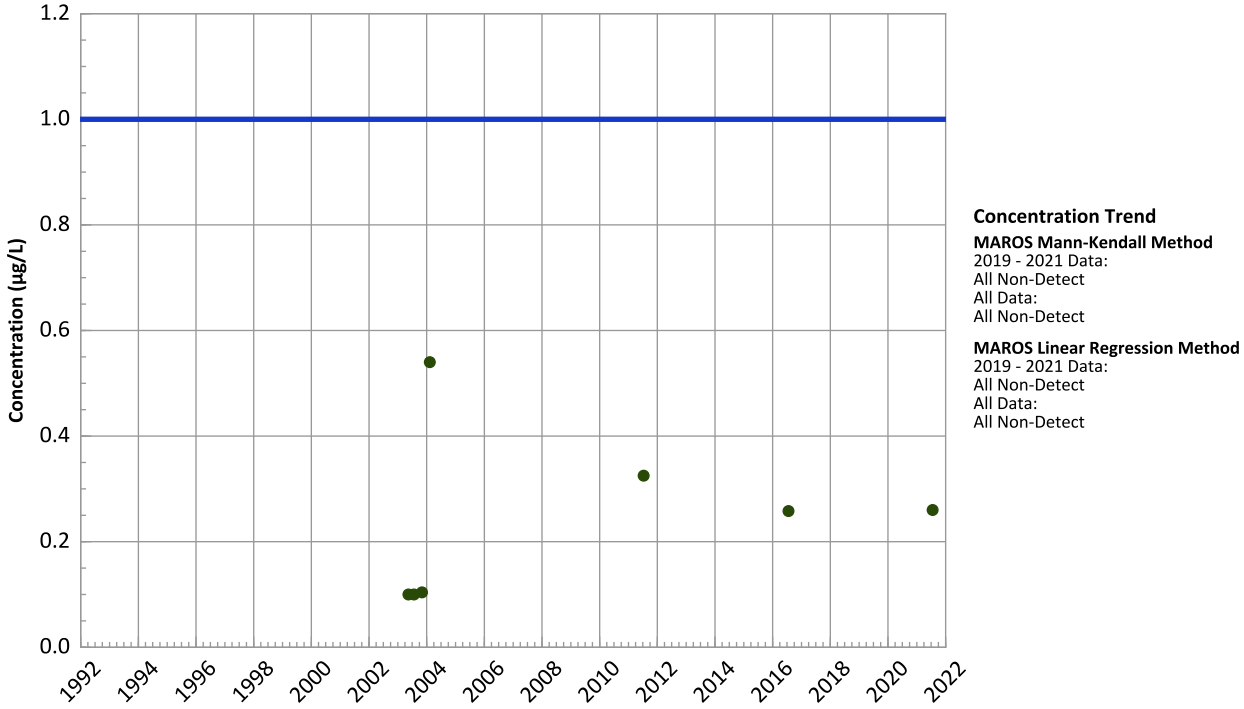
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

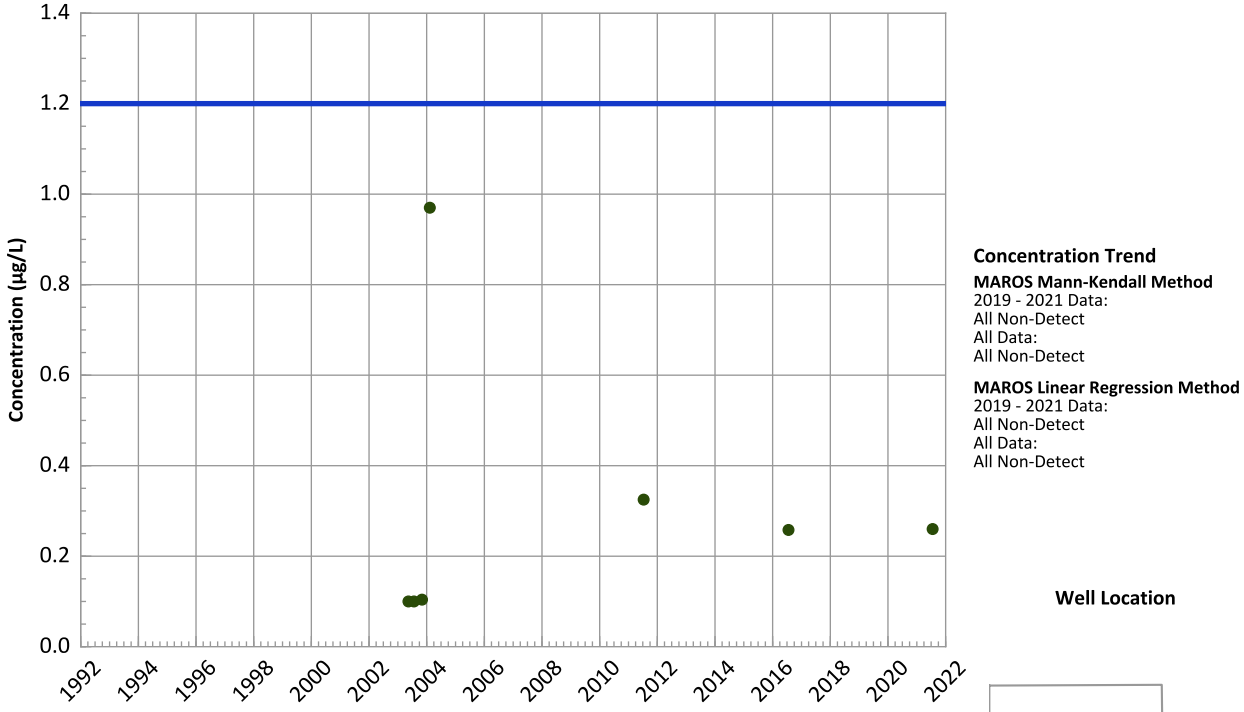


PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



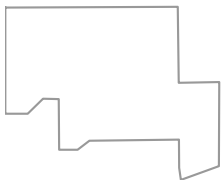
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

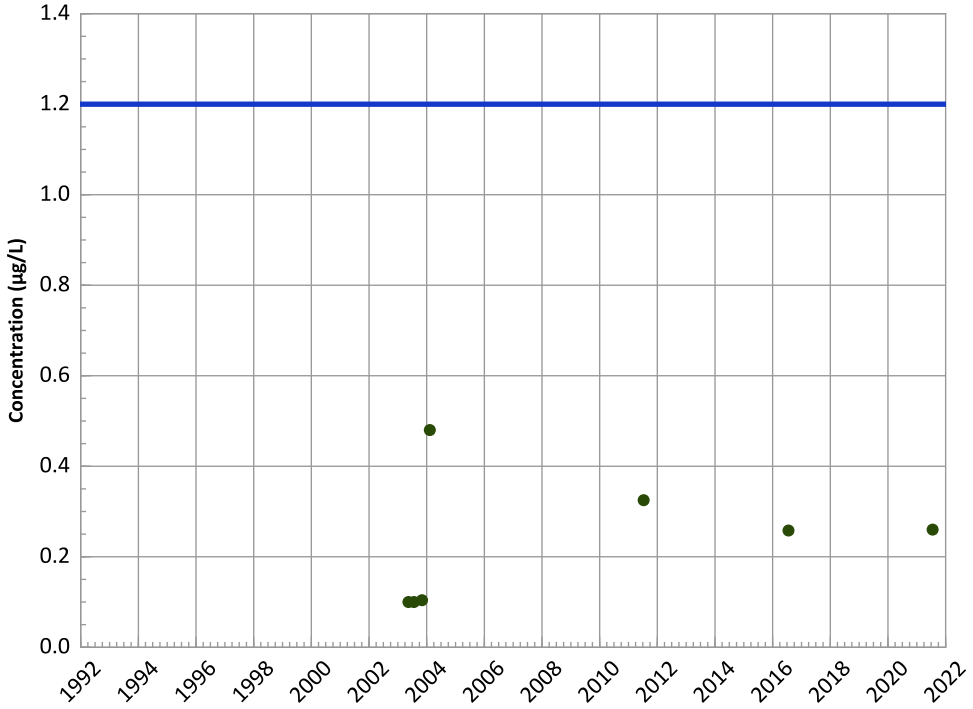
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

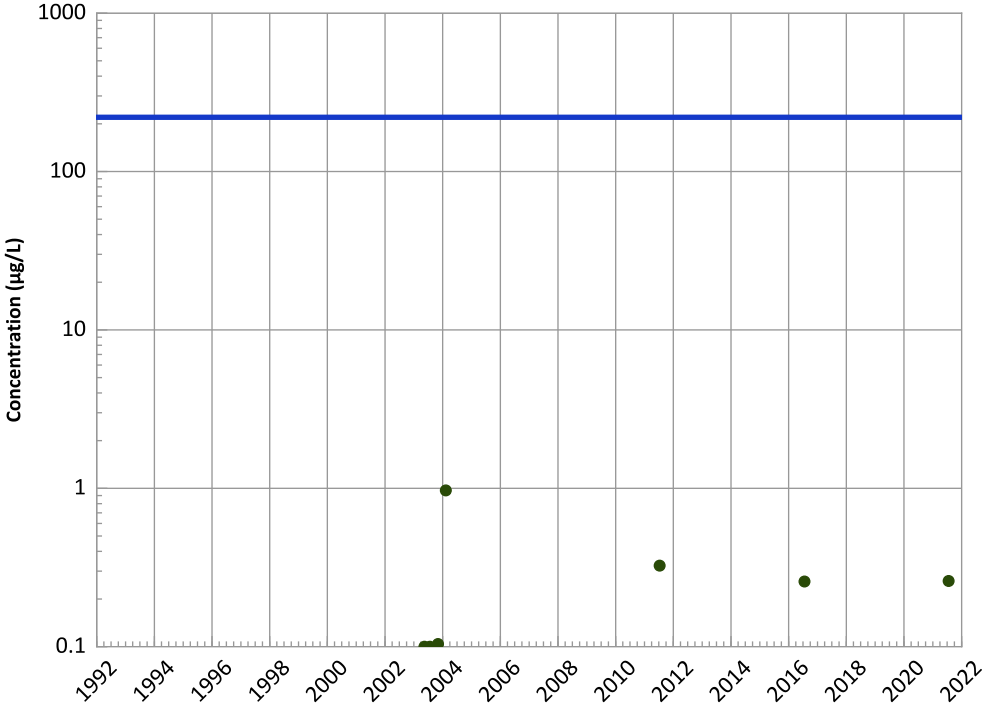


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

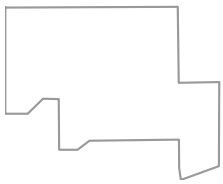
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

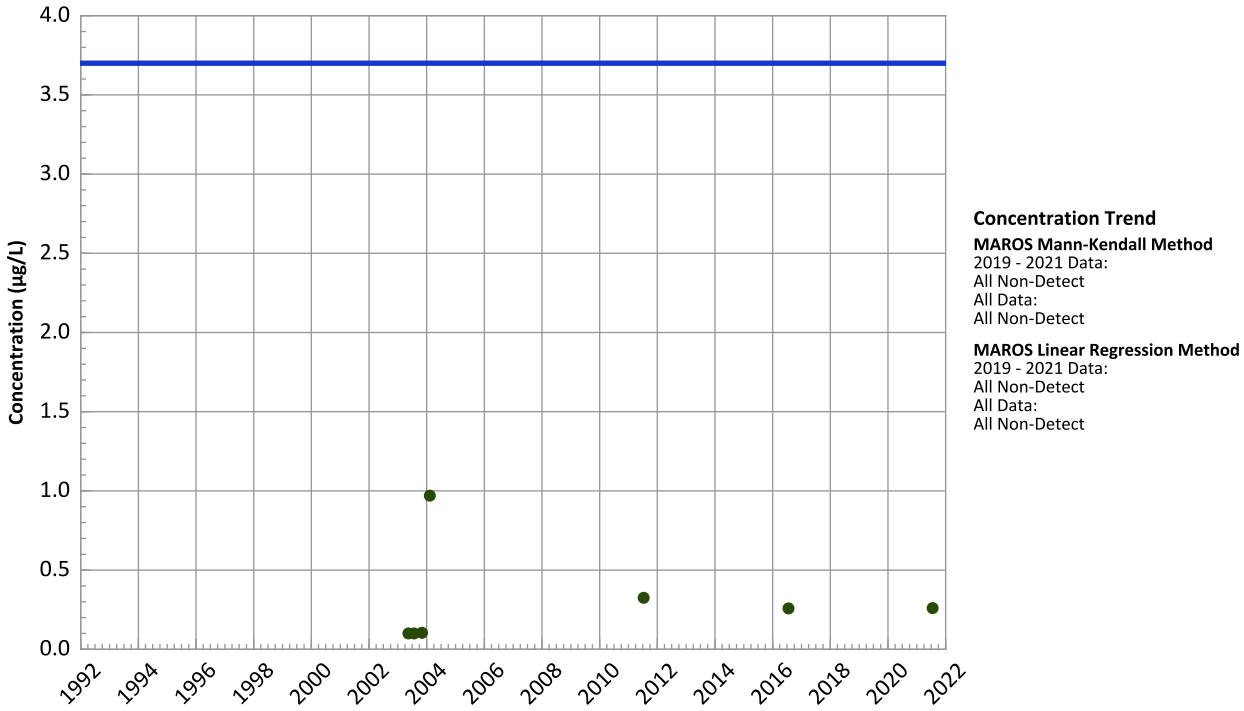
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

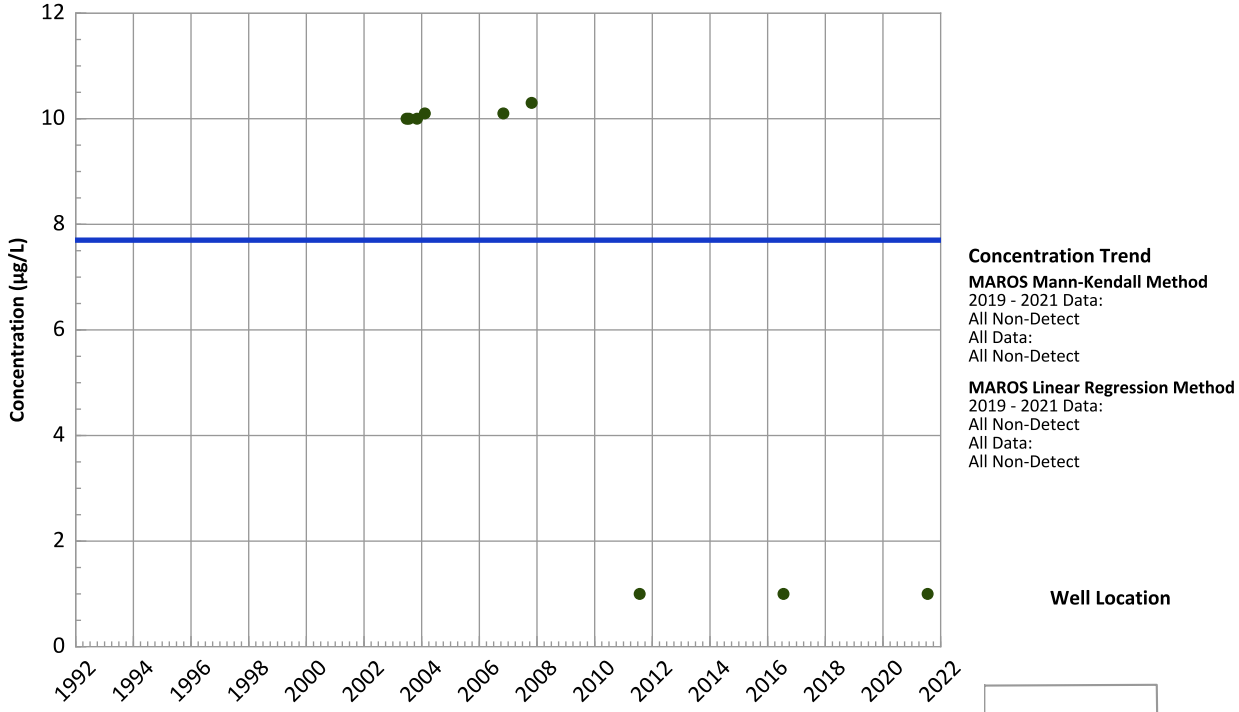


PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



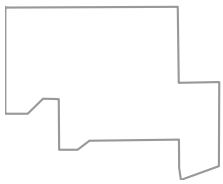
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

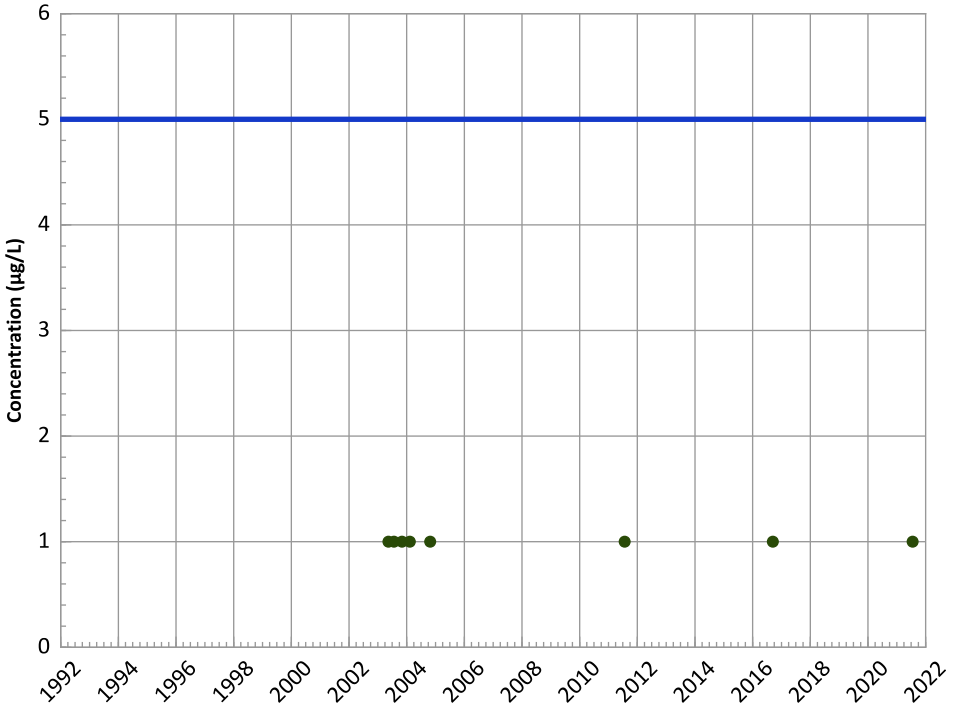
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

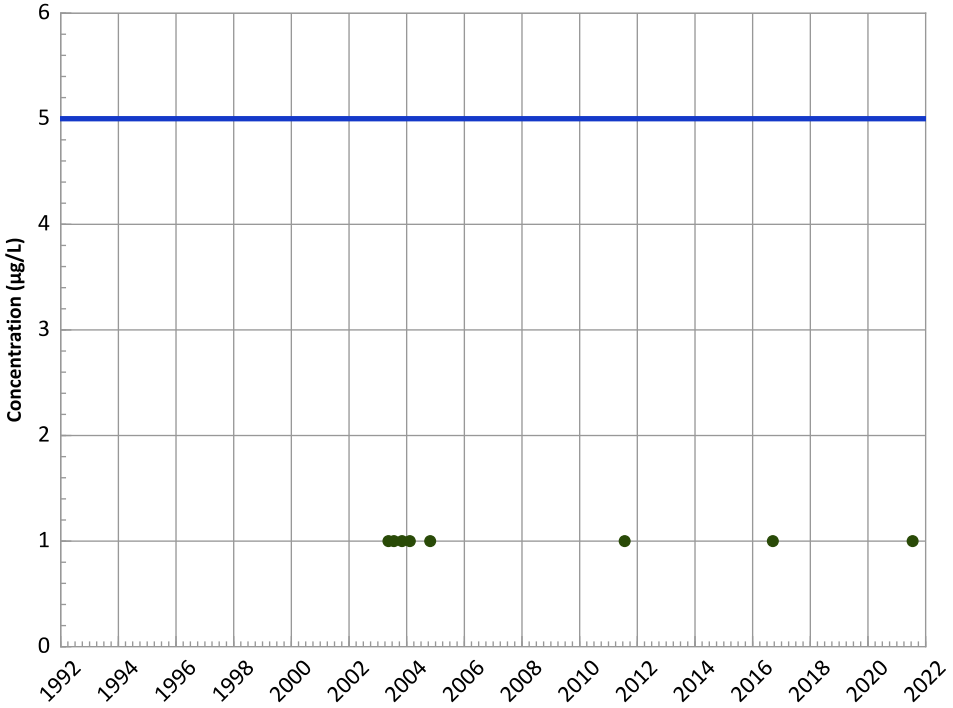


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend

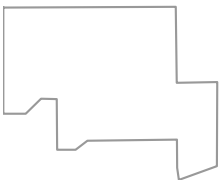


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

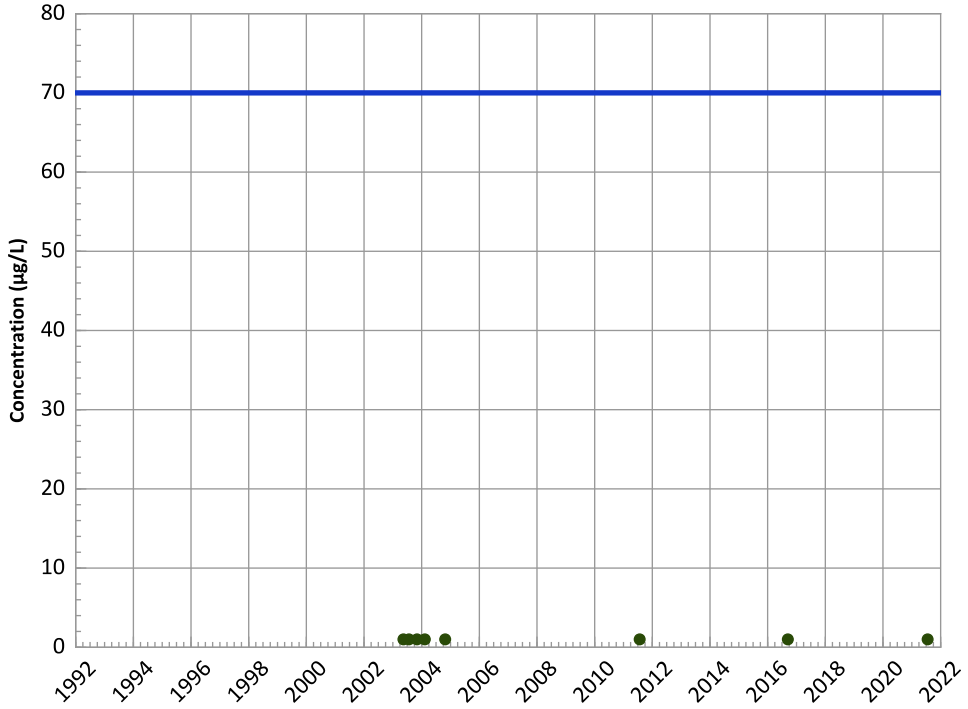


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

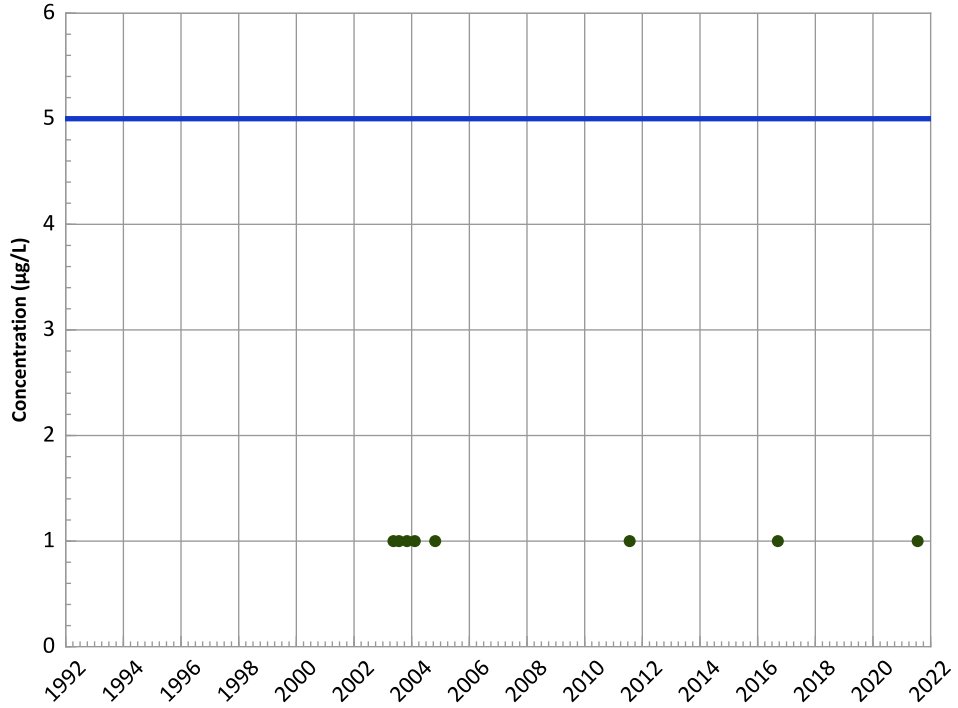


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

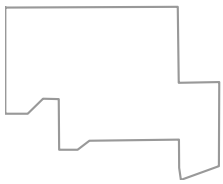
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

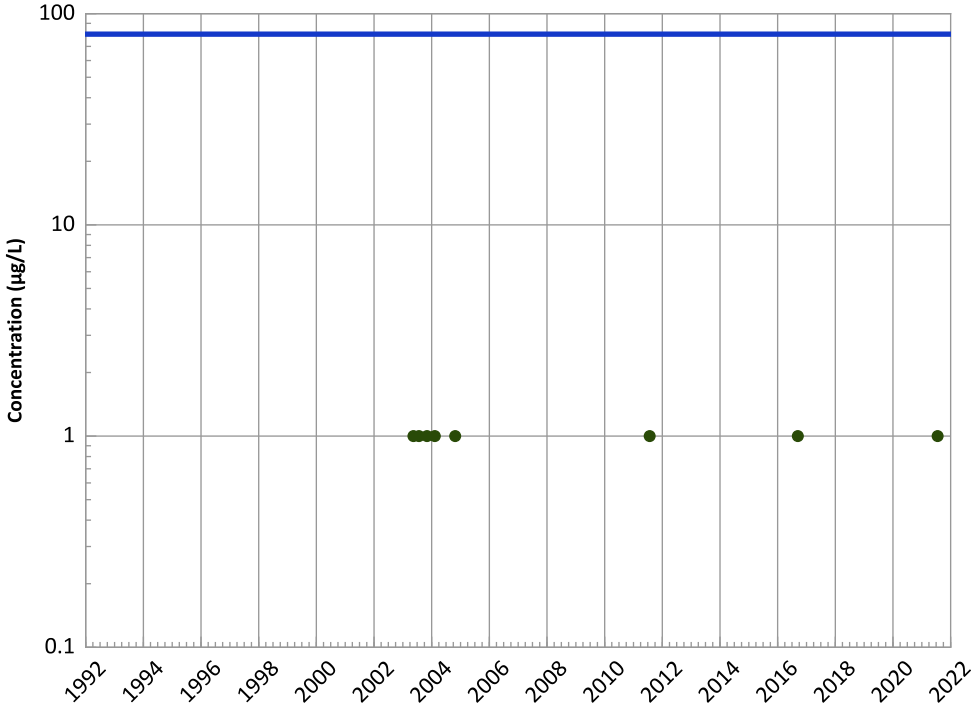
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

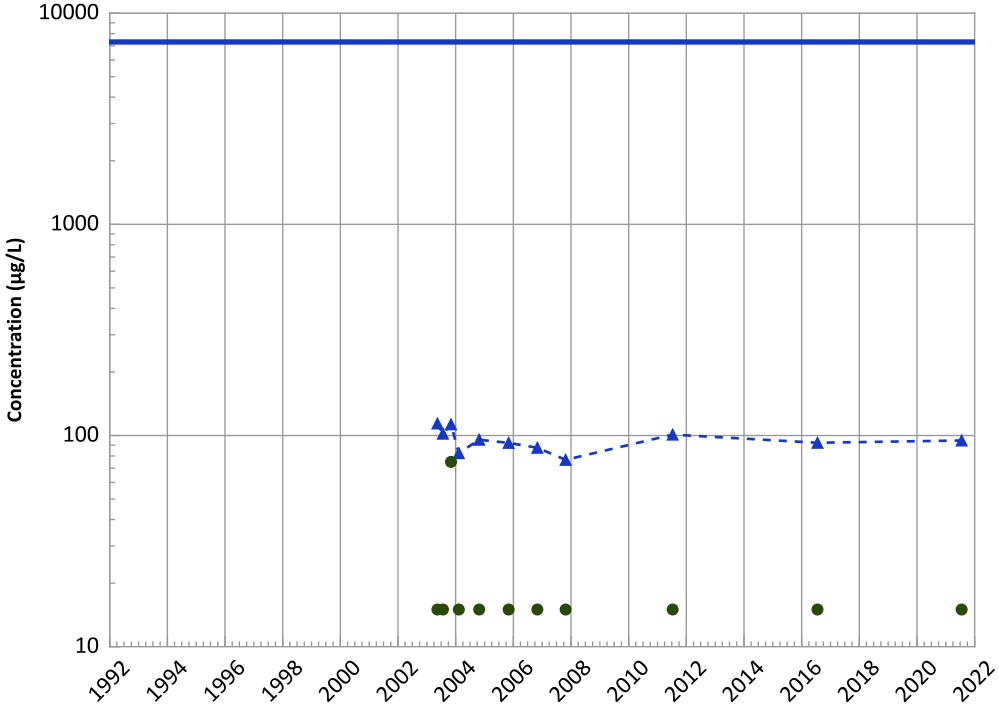


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

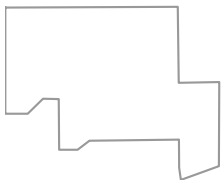
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

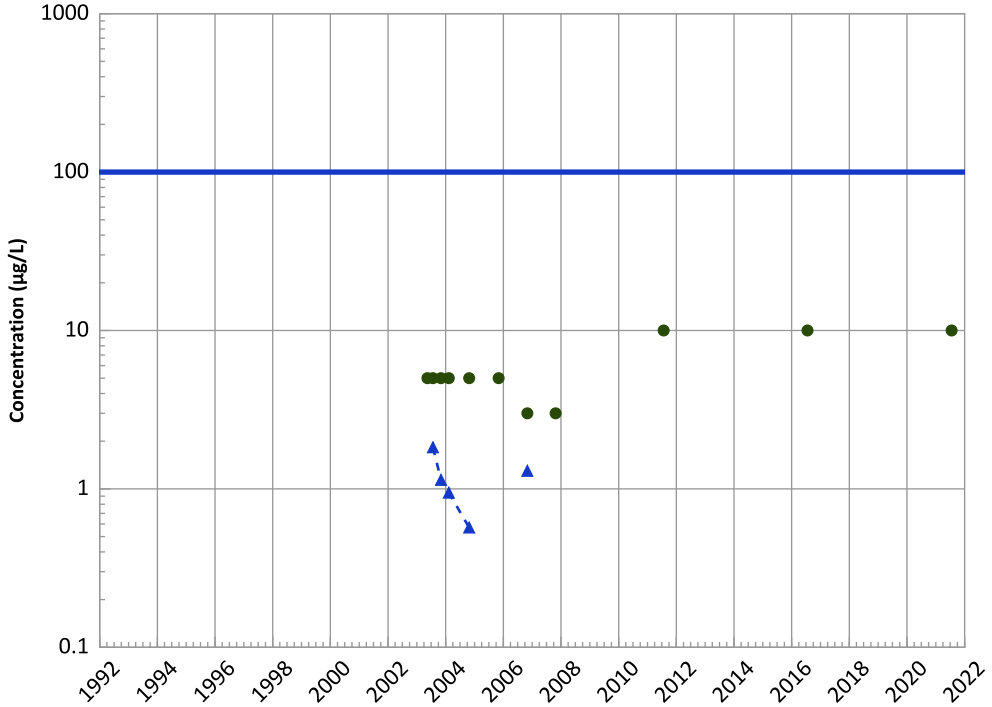
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

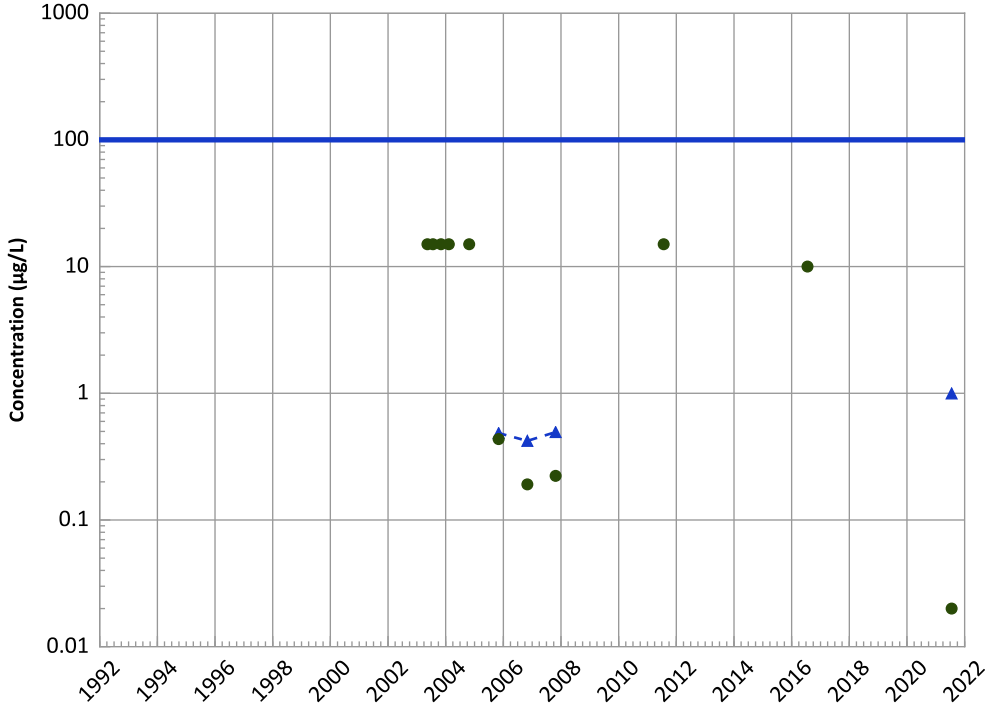


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

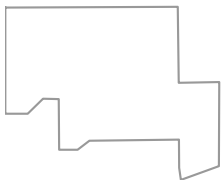
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

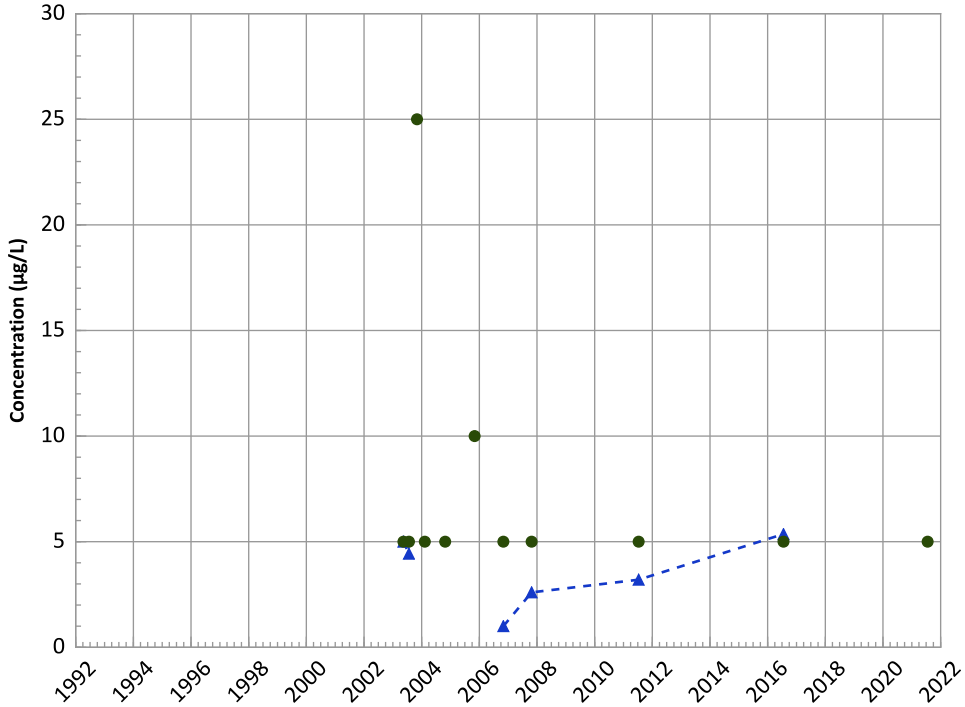
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

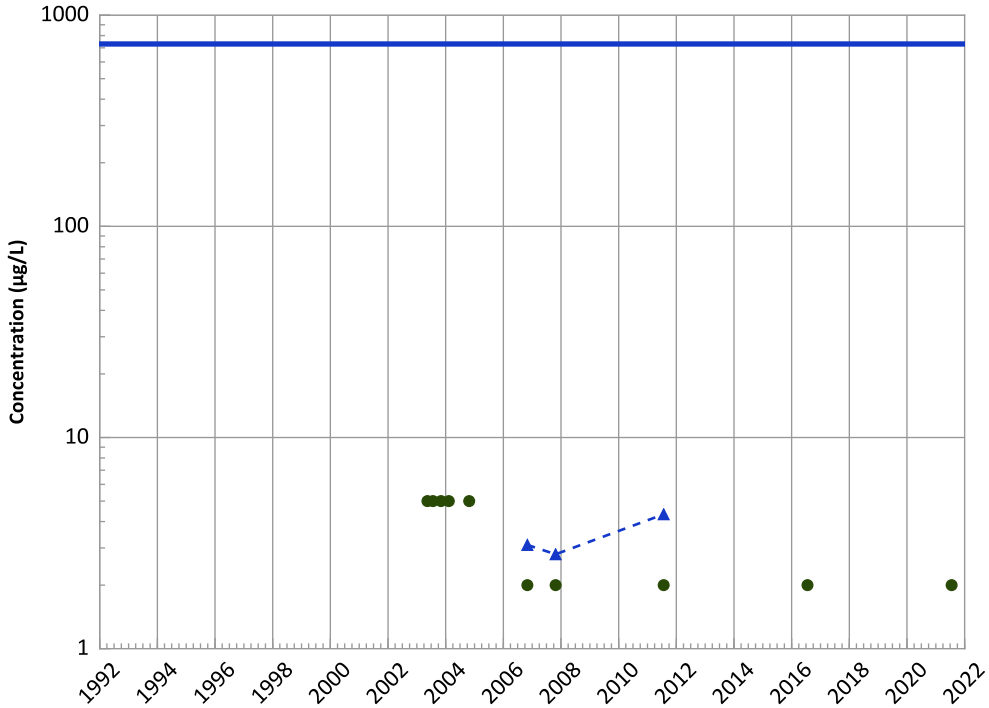


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Nickel Trend



Concentration Trend

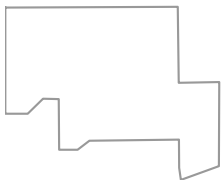
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

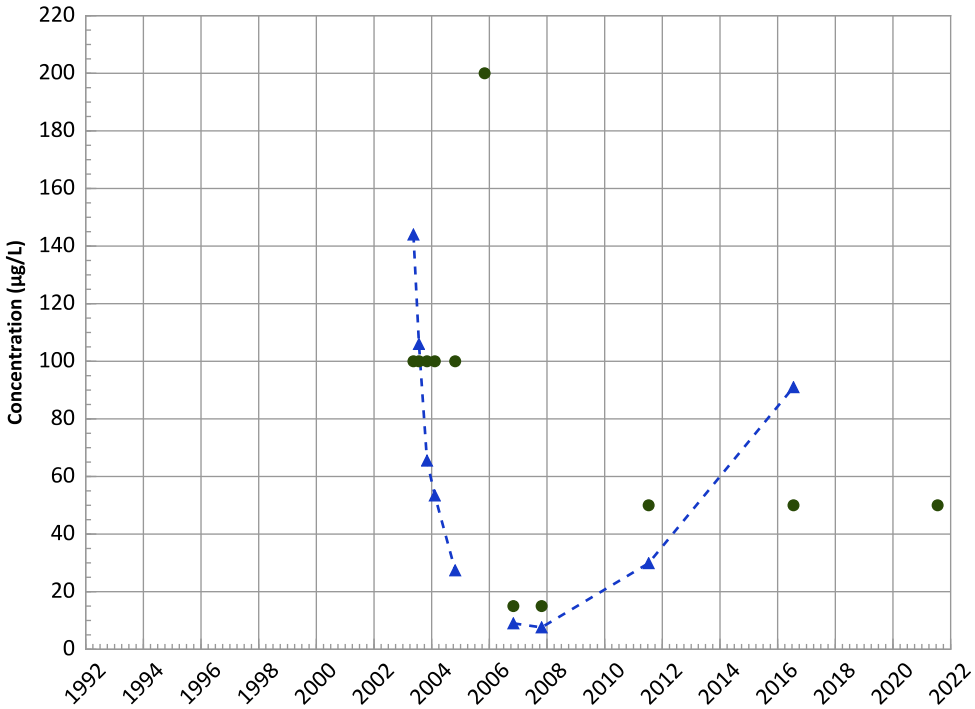
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

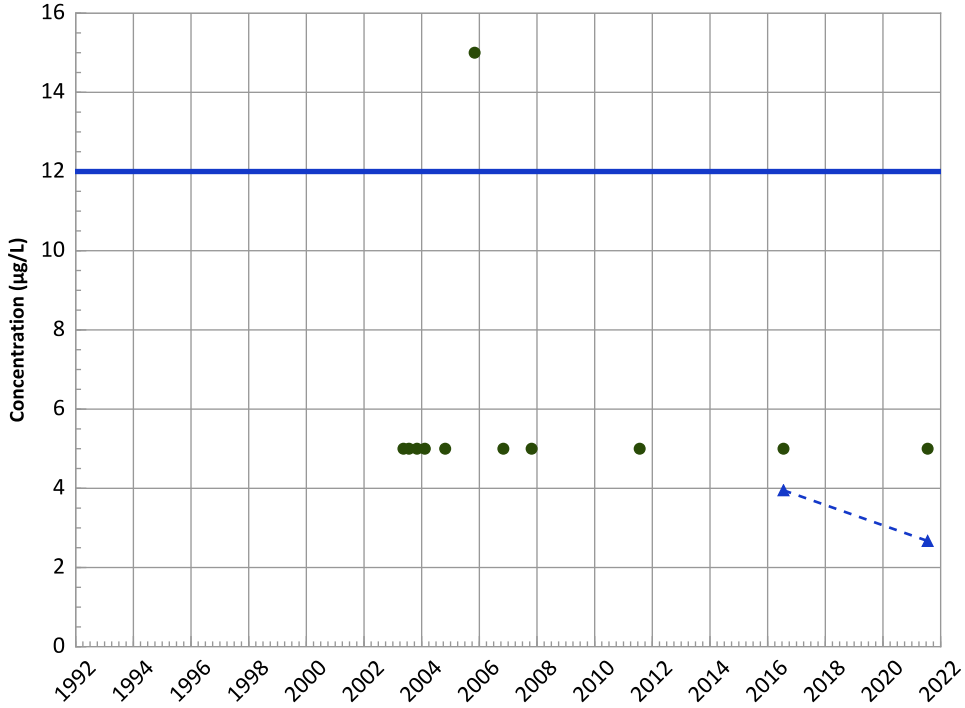


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Stable

Arsenic Trend



Concentration Trend

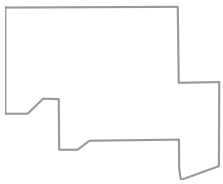
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

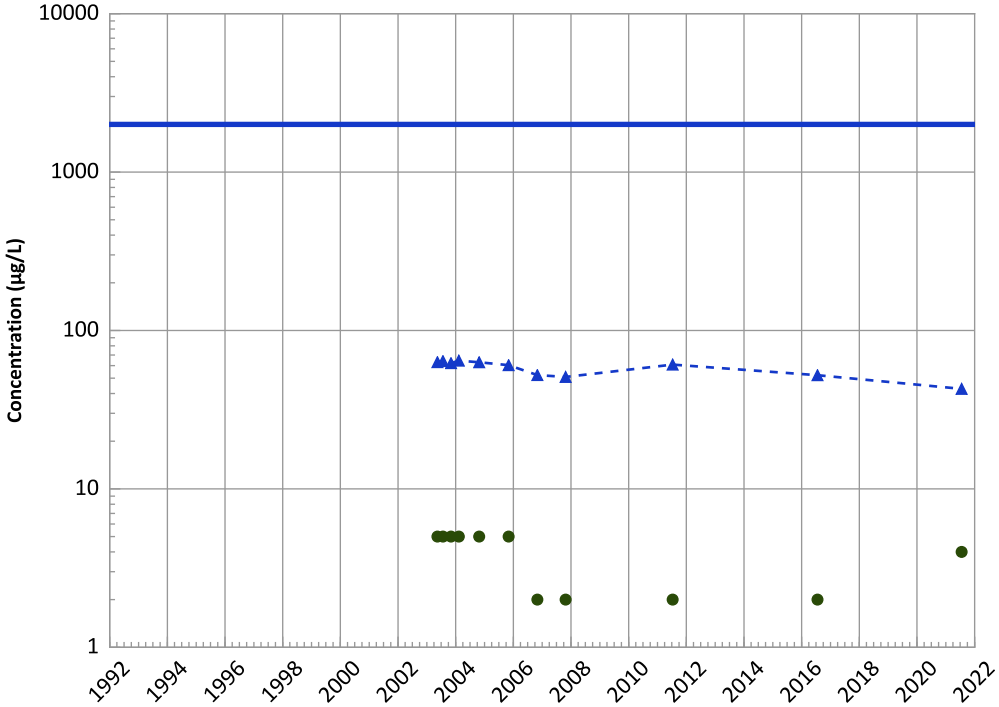
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

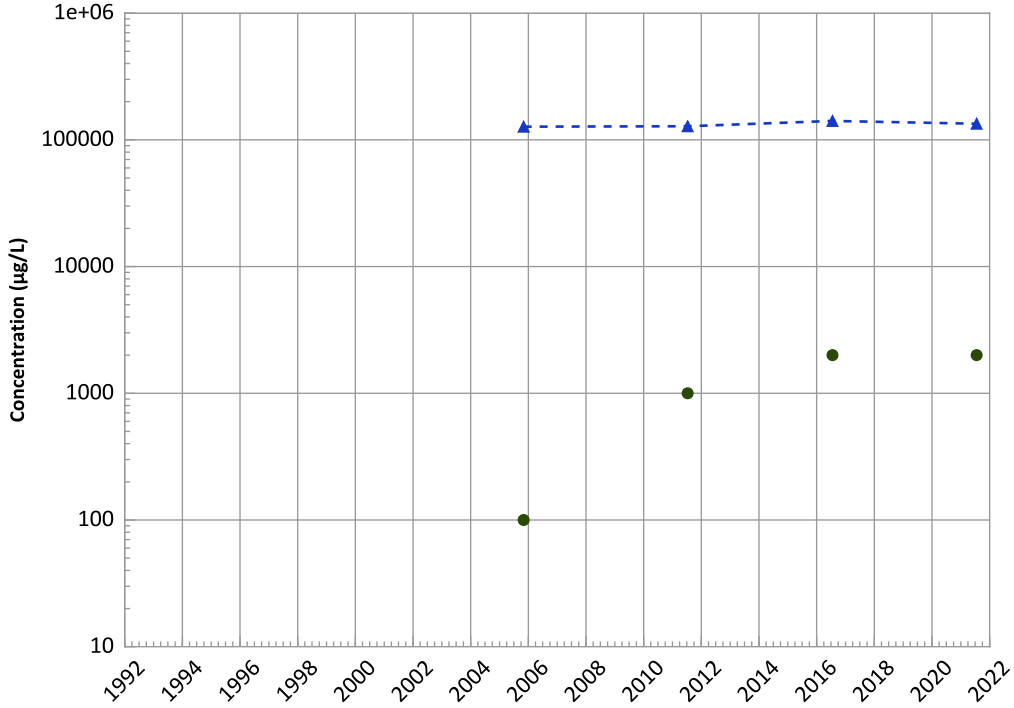


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Calcium Trend



Concentration Trend

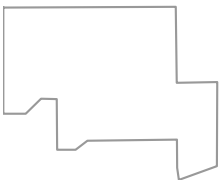
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

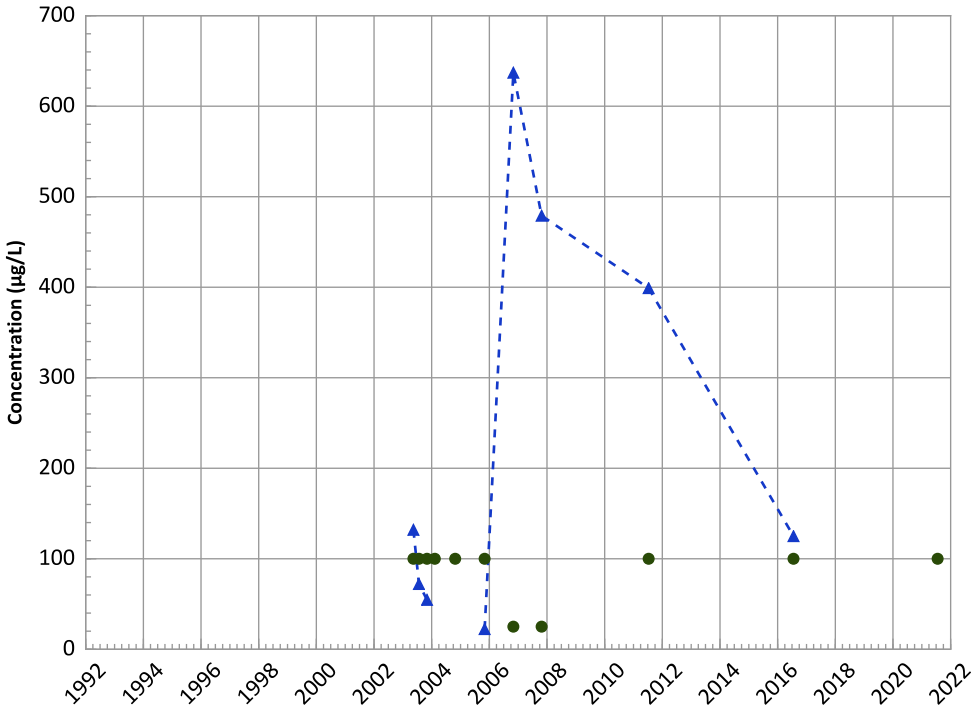
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

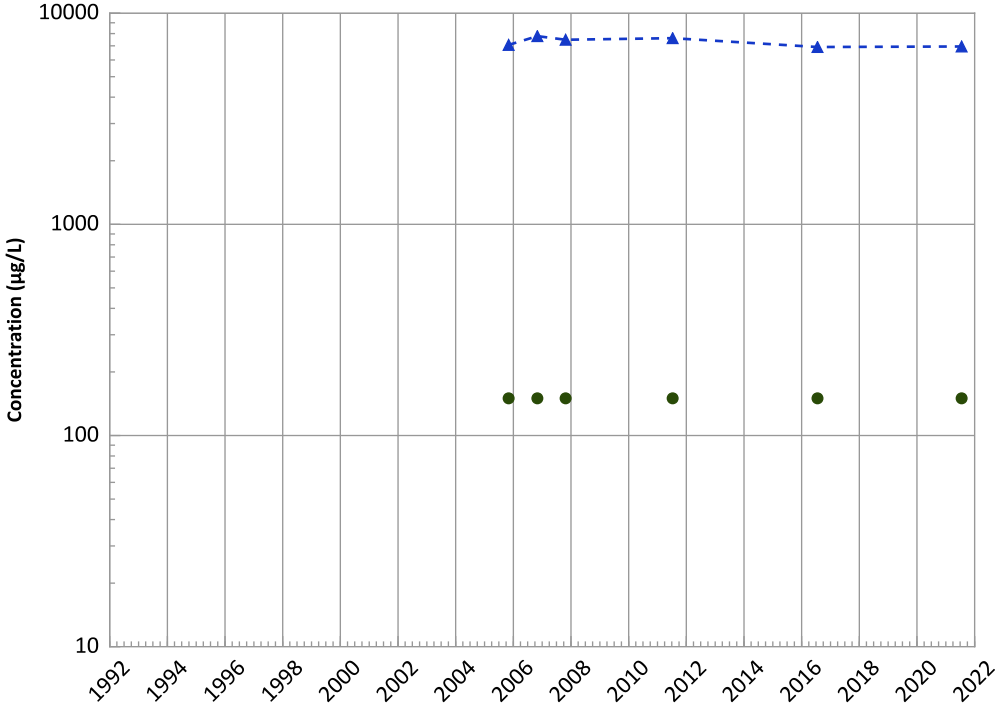


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Potassium Trend



Concentration Trend

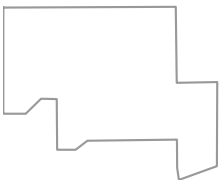
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

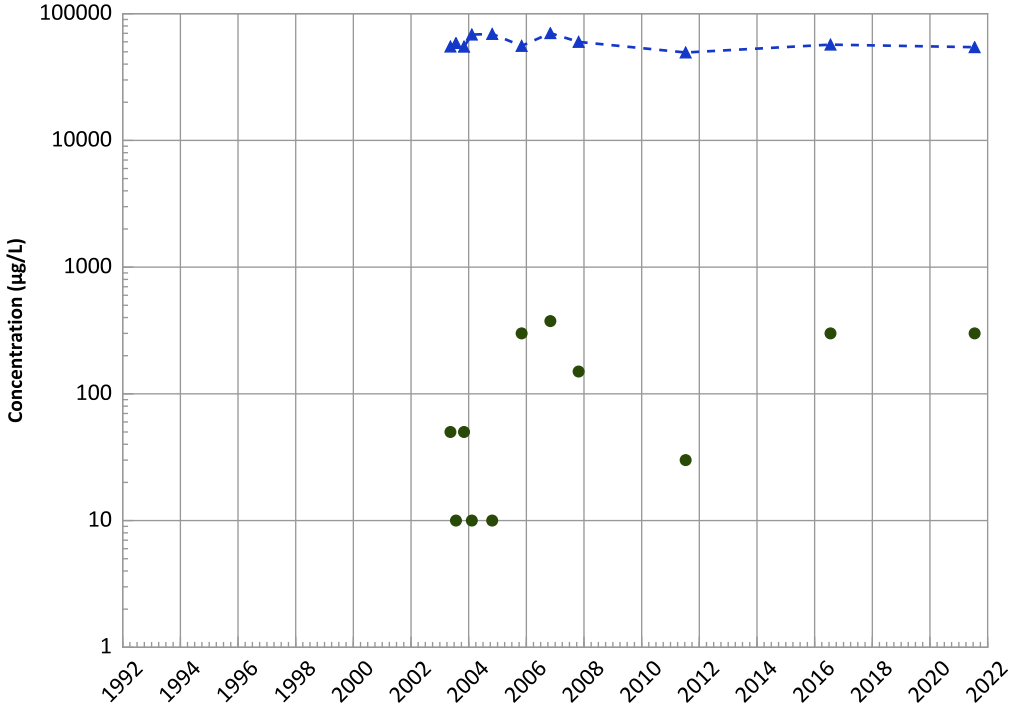
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

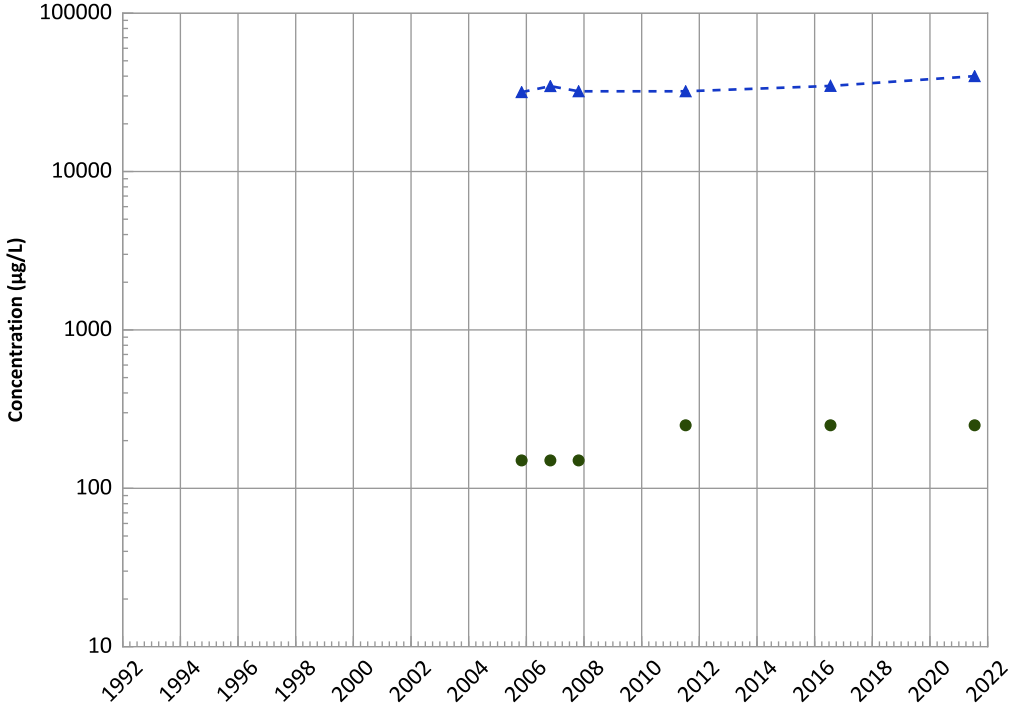


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Sodium Trend



Concentration Trend

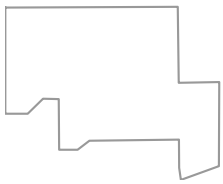
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

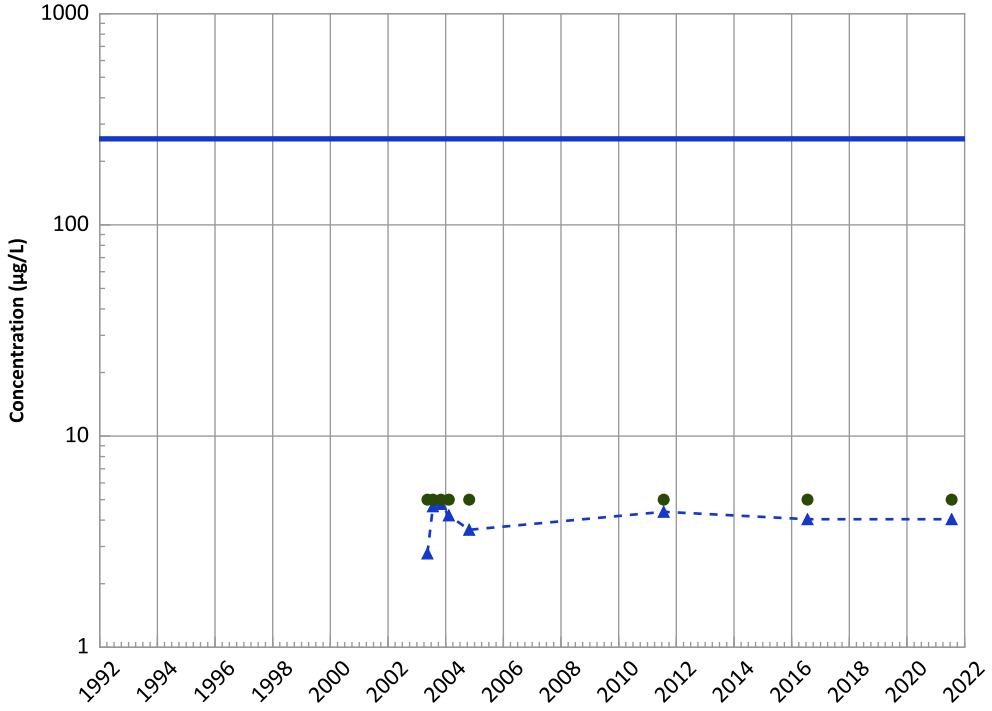
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1083 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

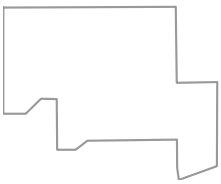
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

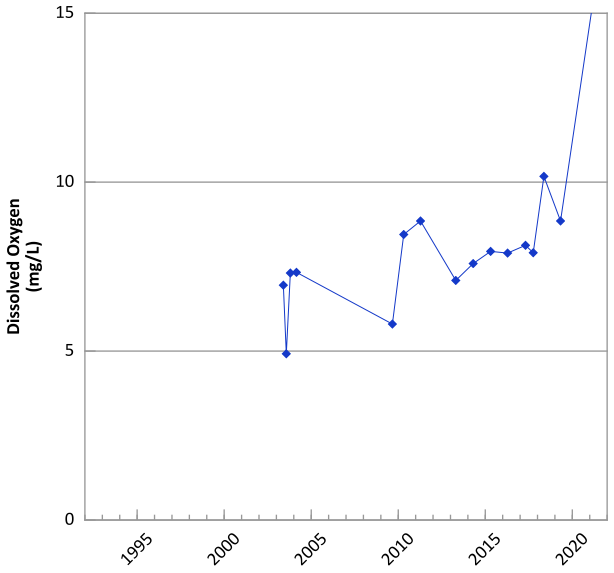
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/15/2003 to 07/20/2021
Analysis Date: 04/05/2022

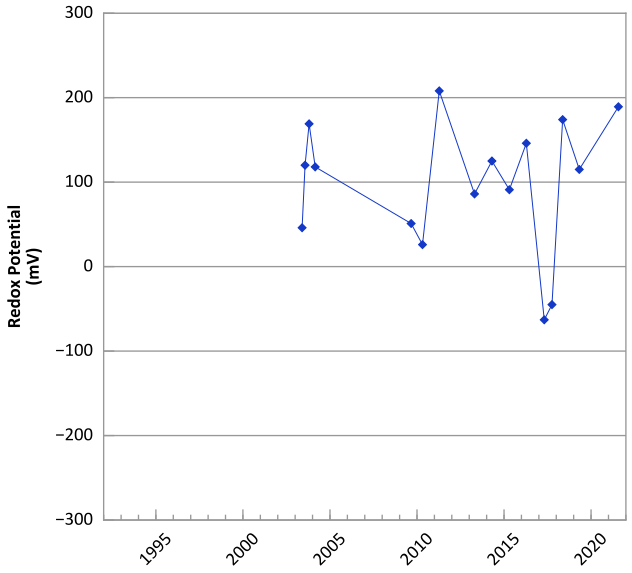
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

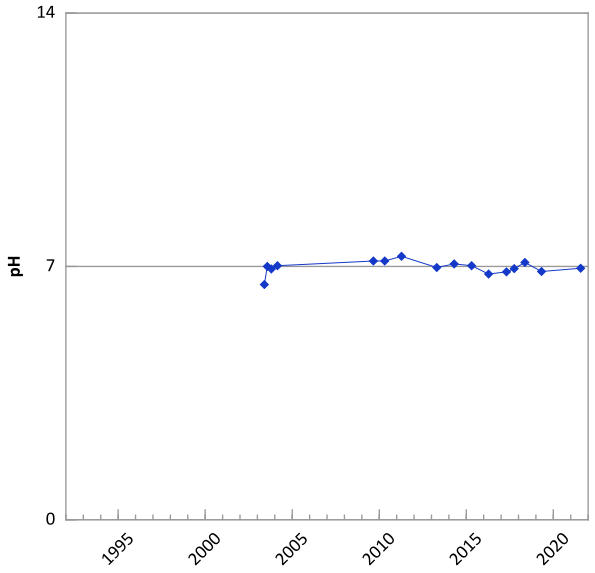
Well Location

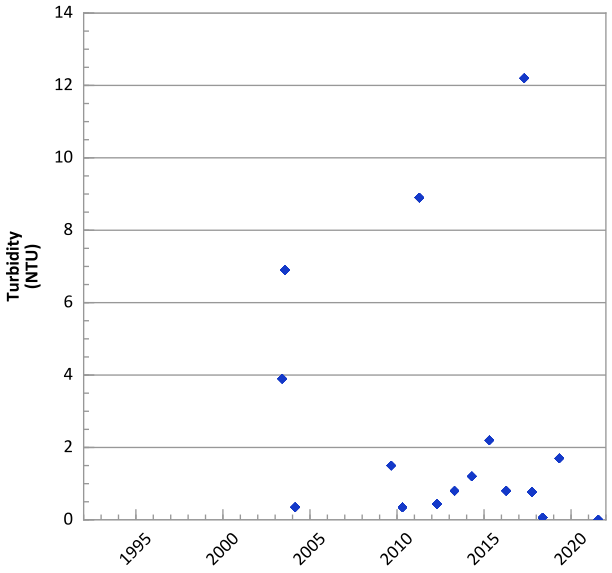


PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



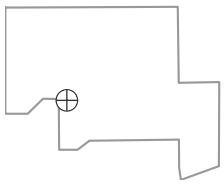






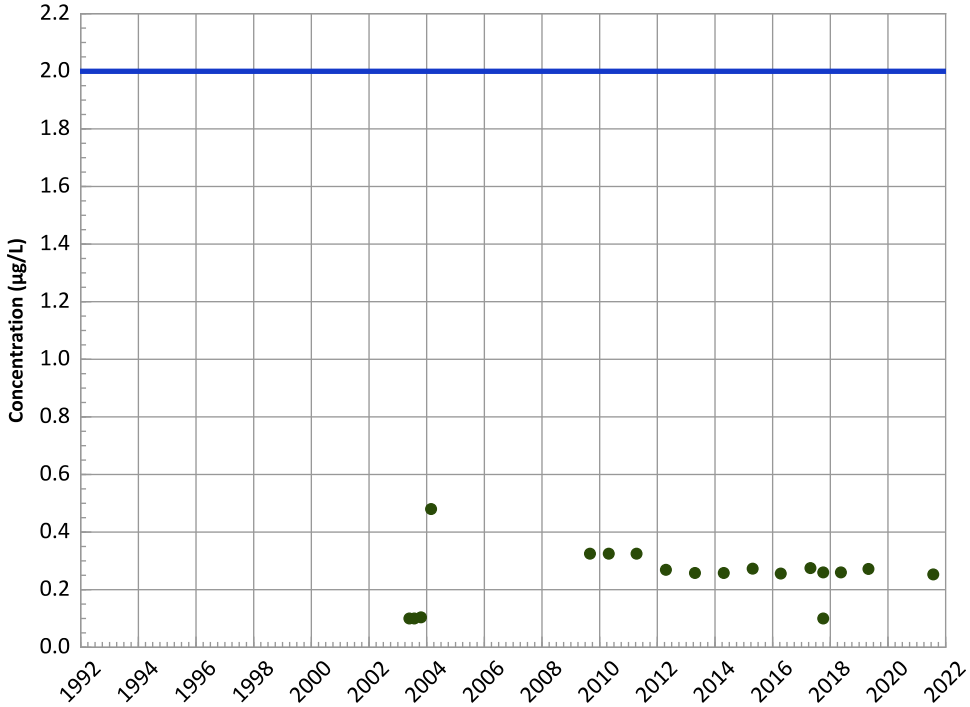
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

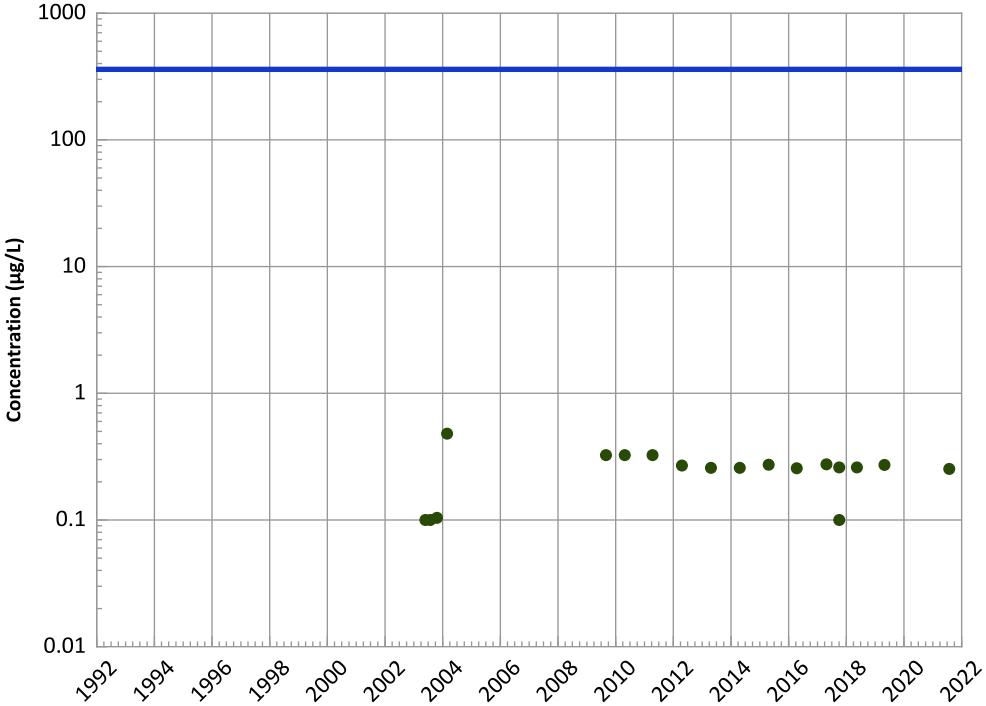


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

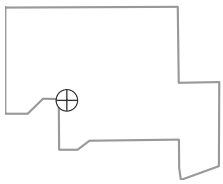
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

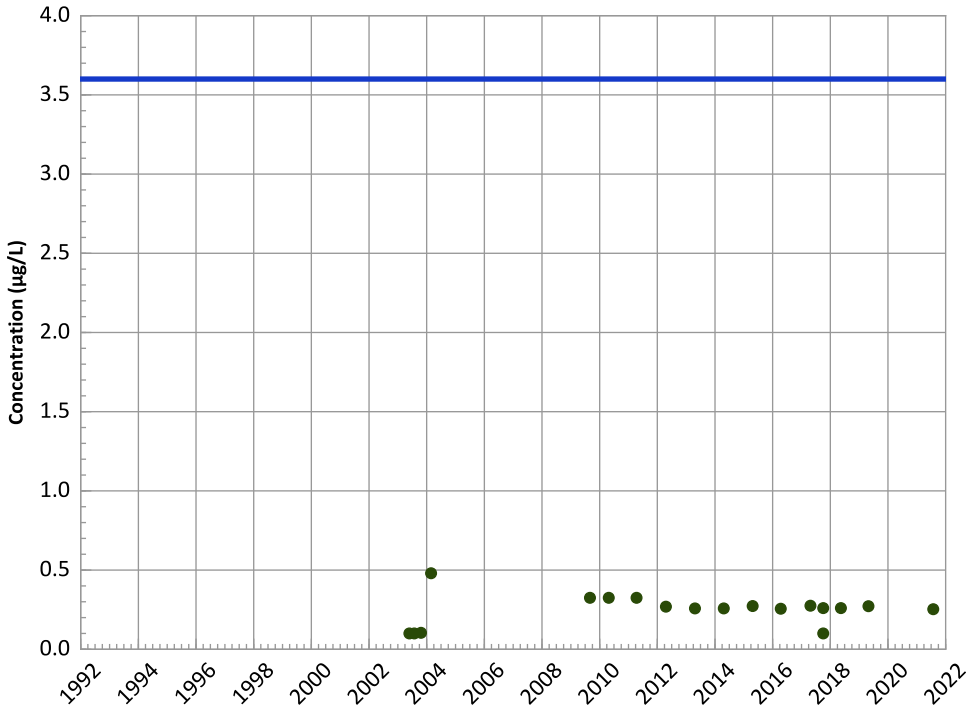
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

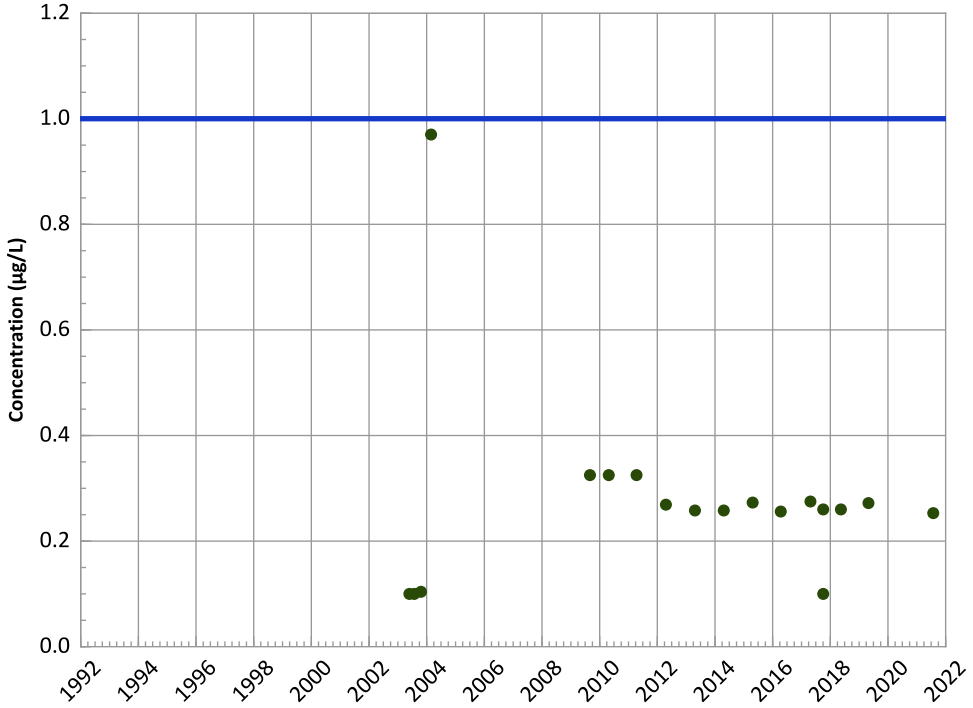


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

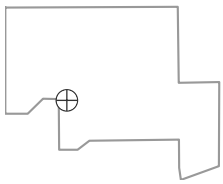
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

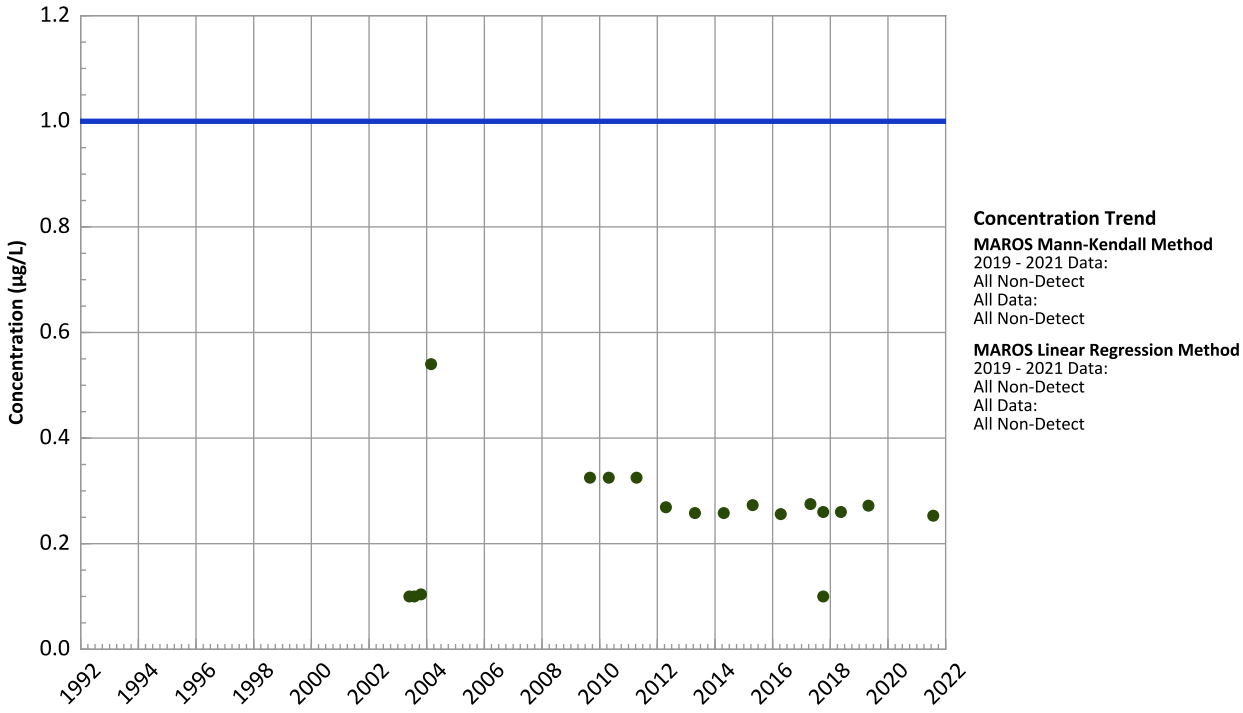
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

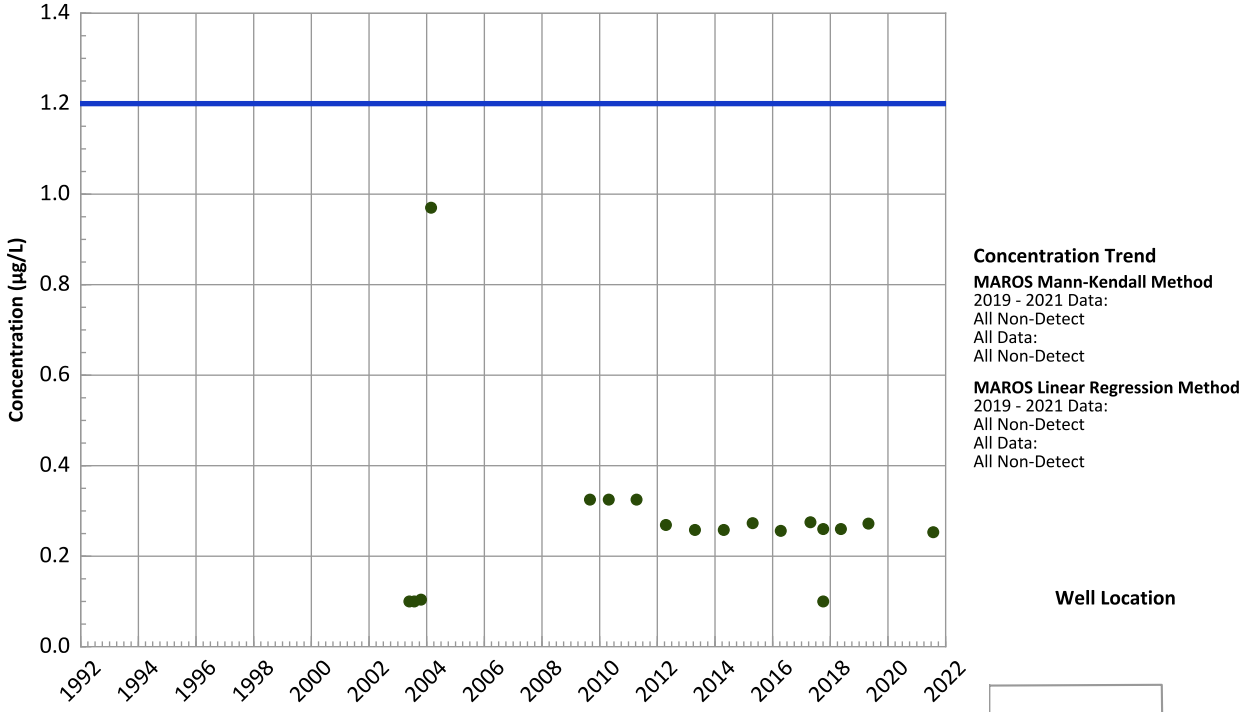


PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



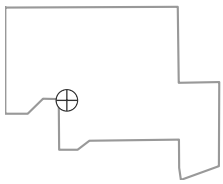
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

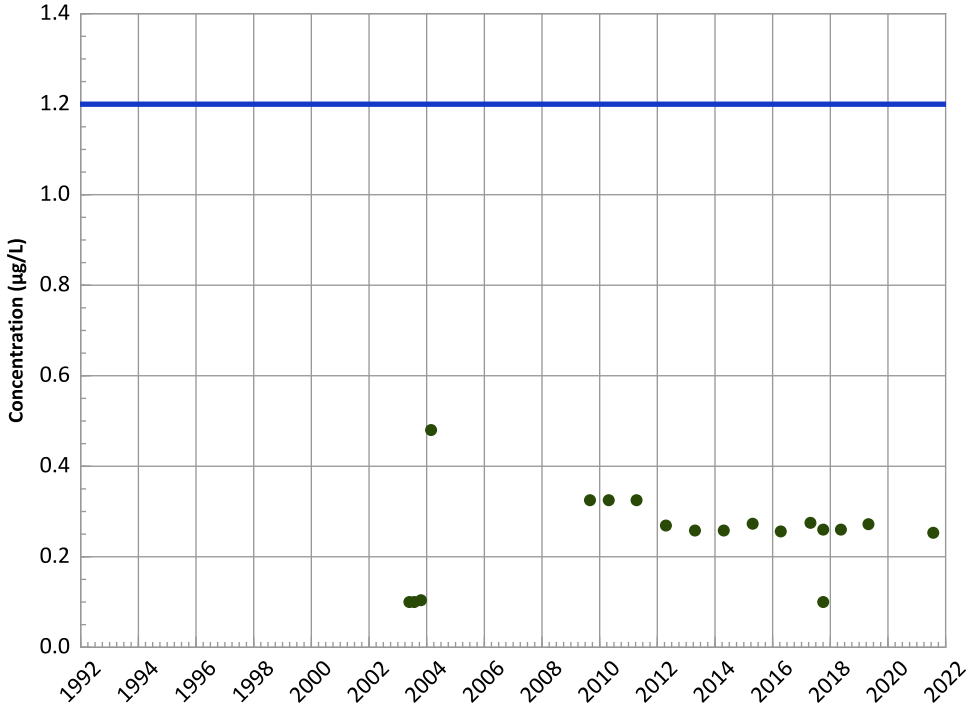
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

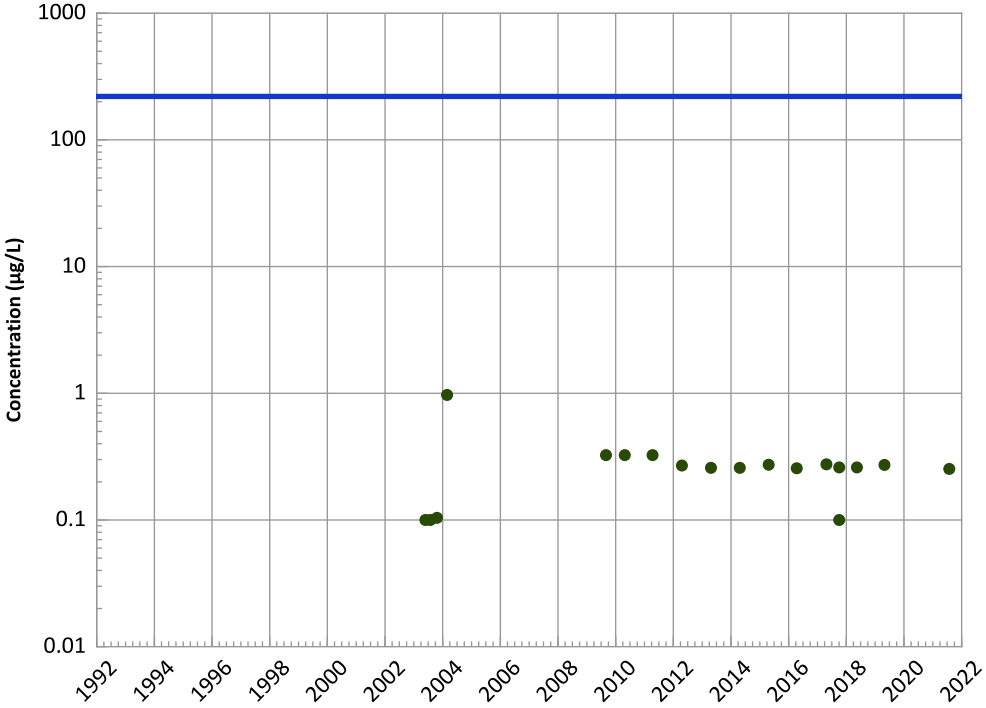


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

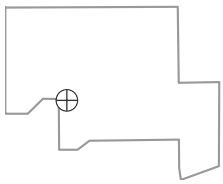
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

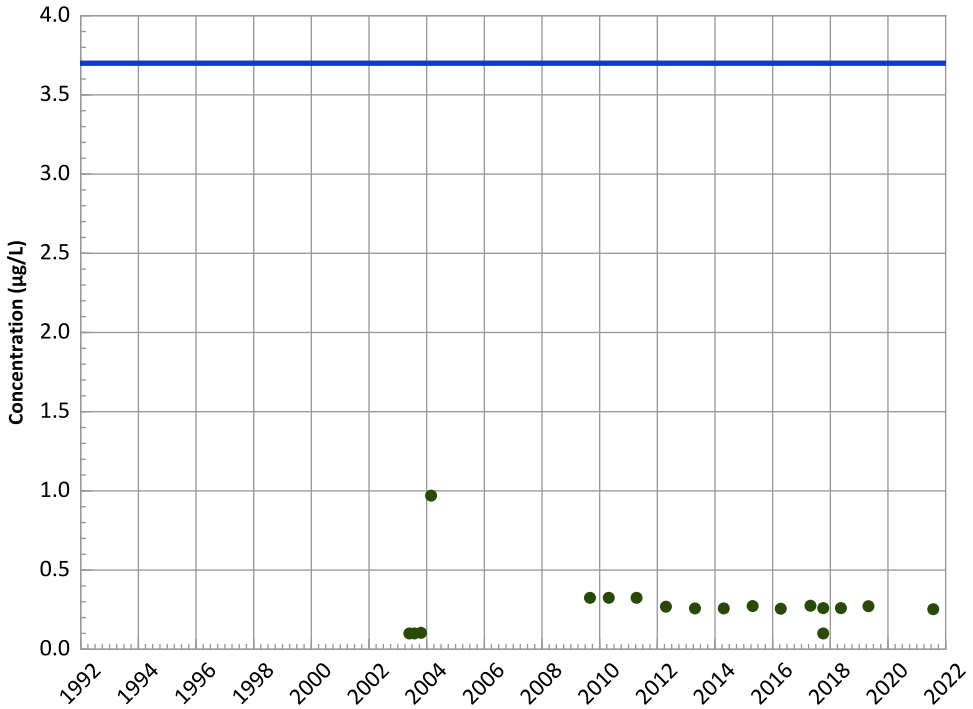
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

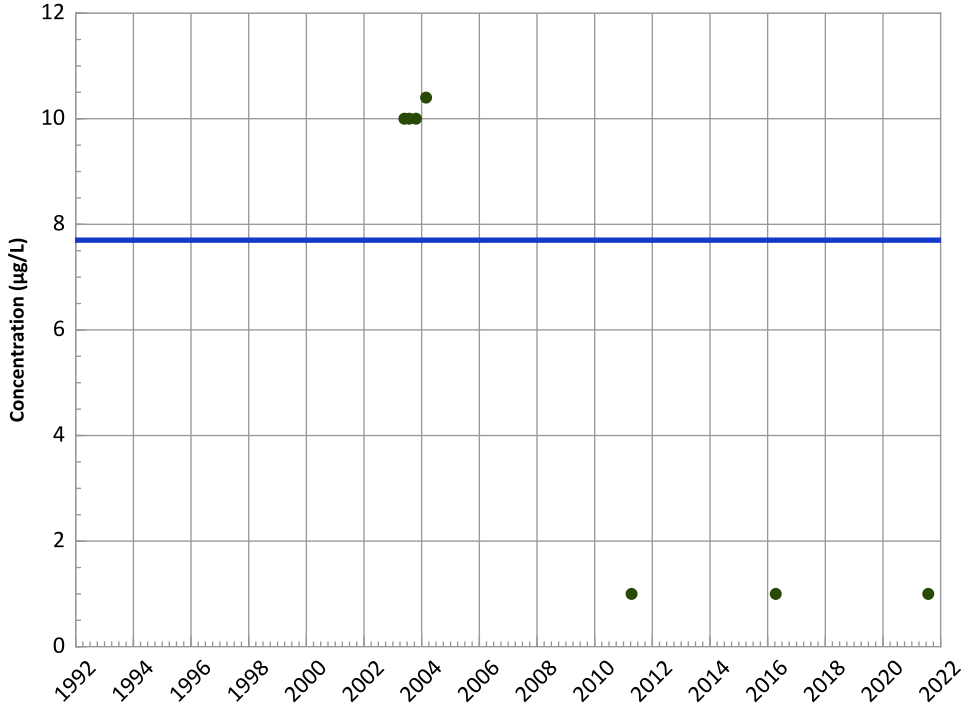


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

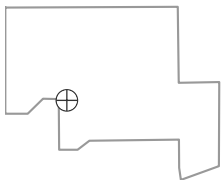
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

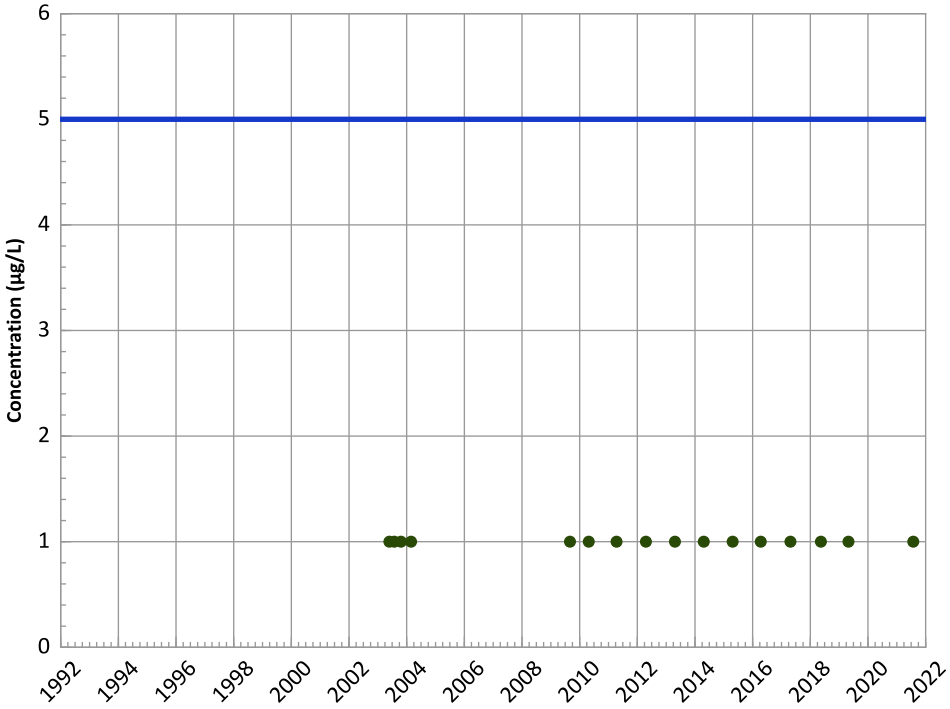
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

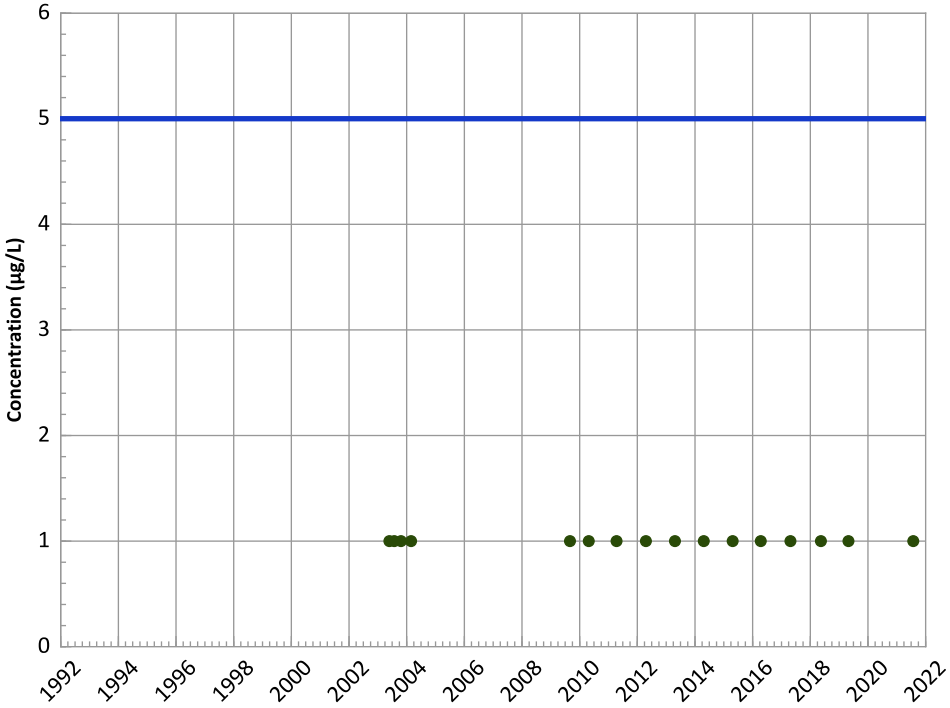


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

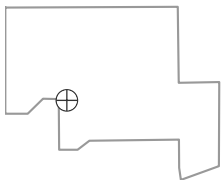
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

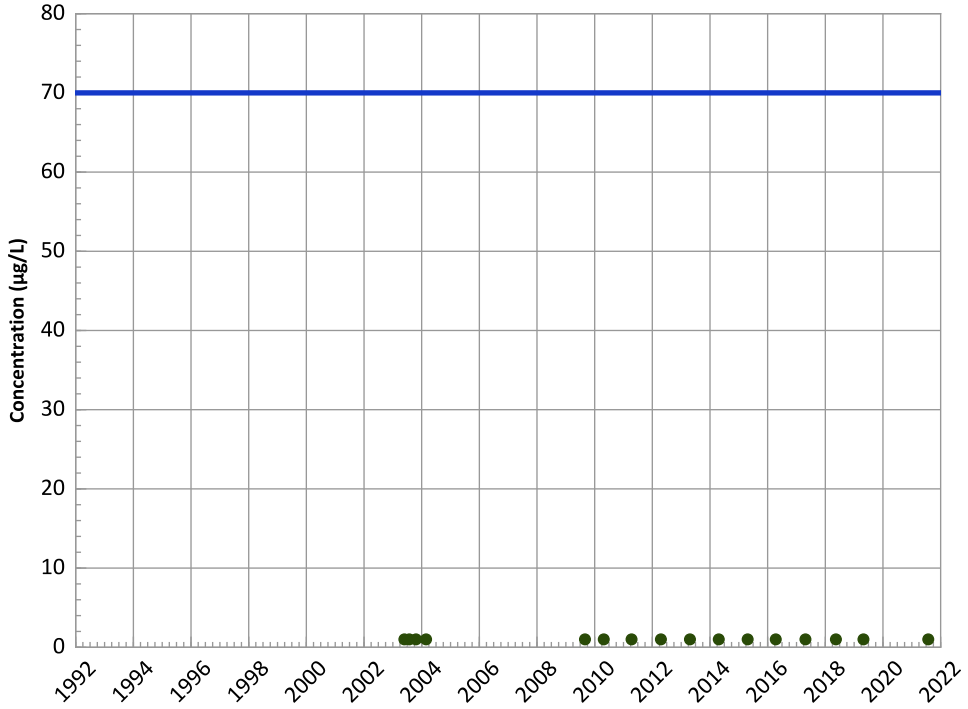
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

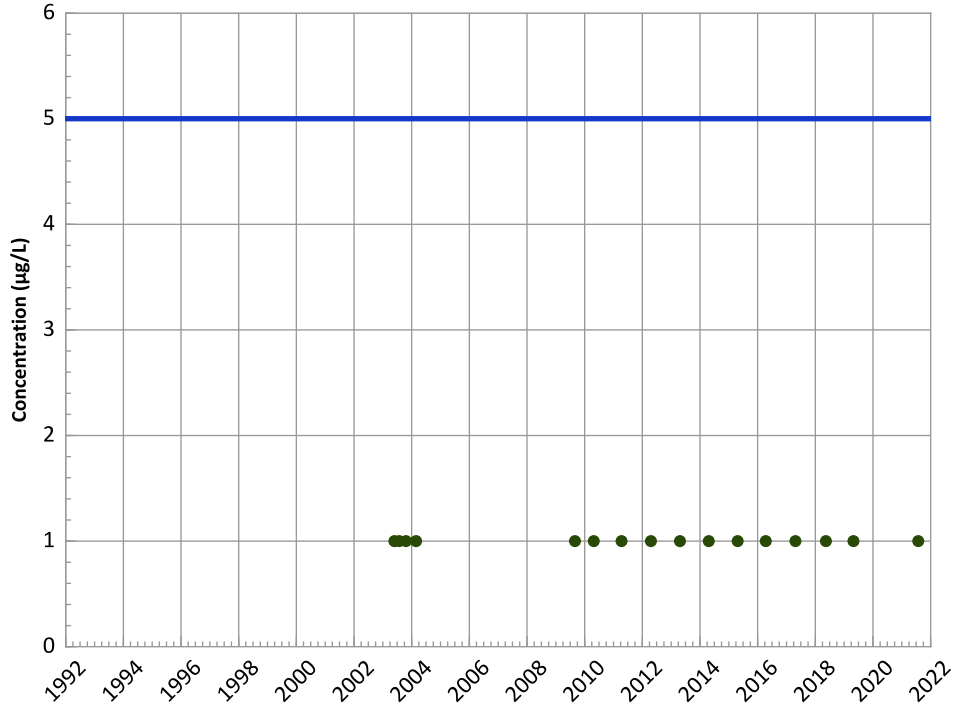


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

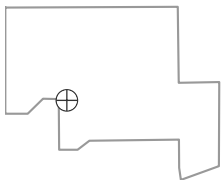
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

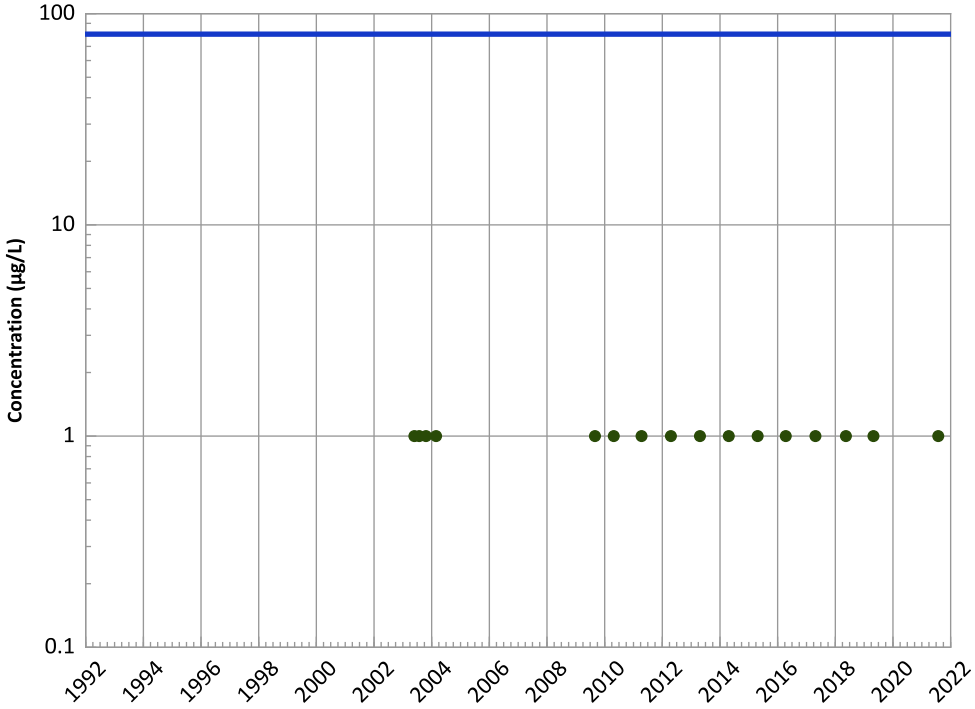
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

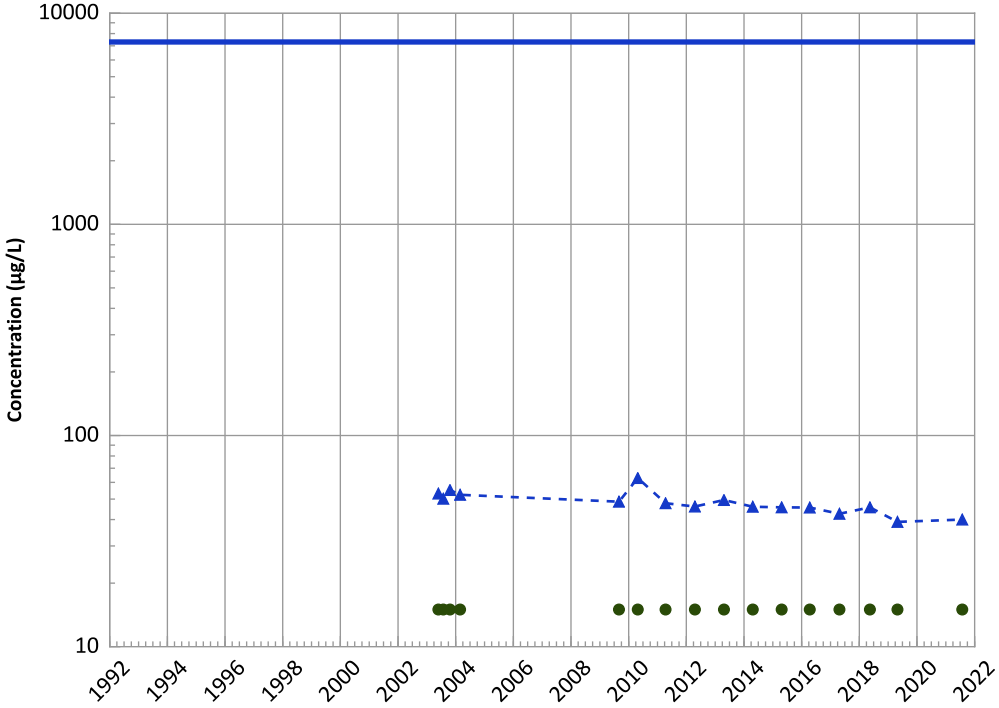


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

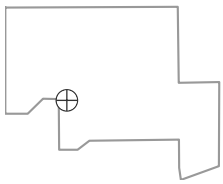
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

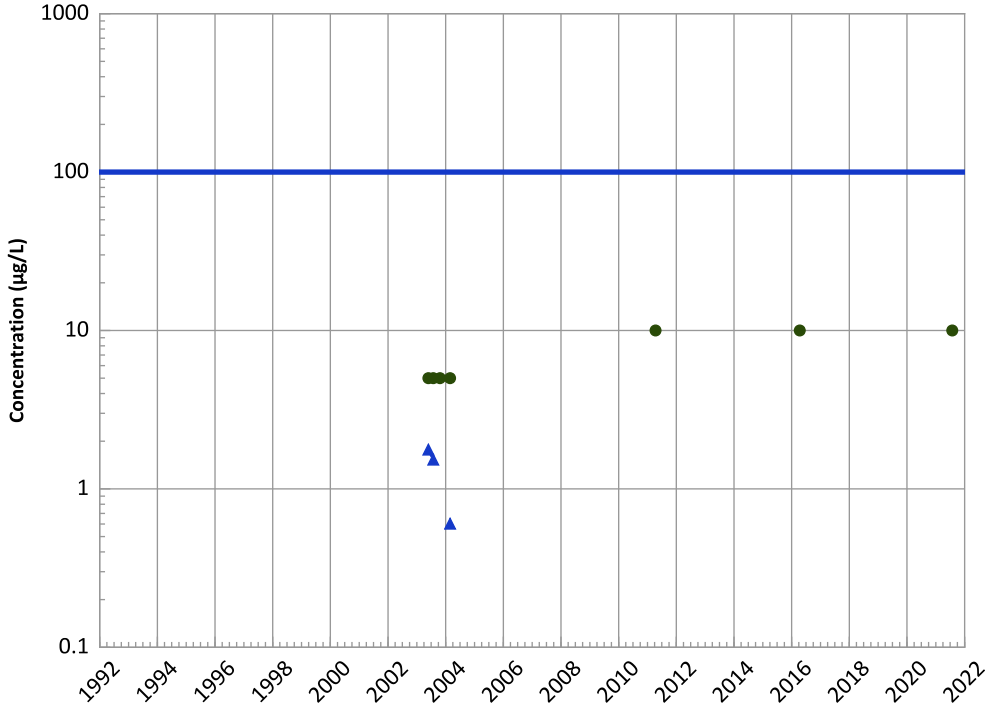
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

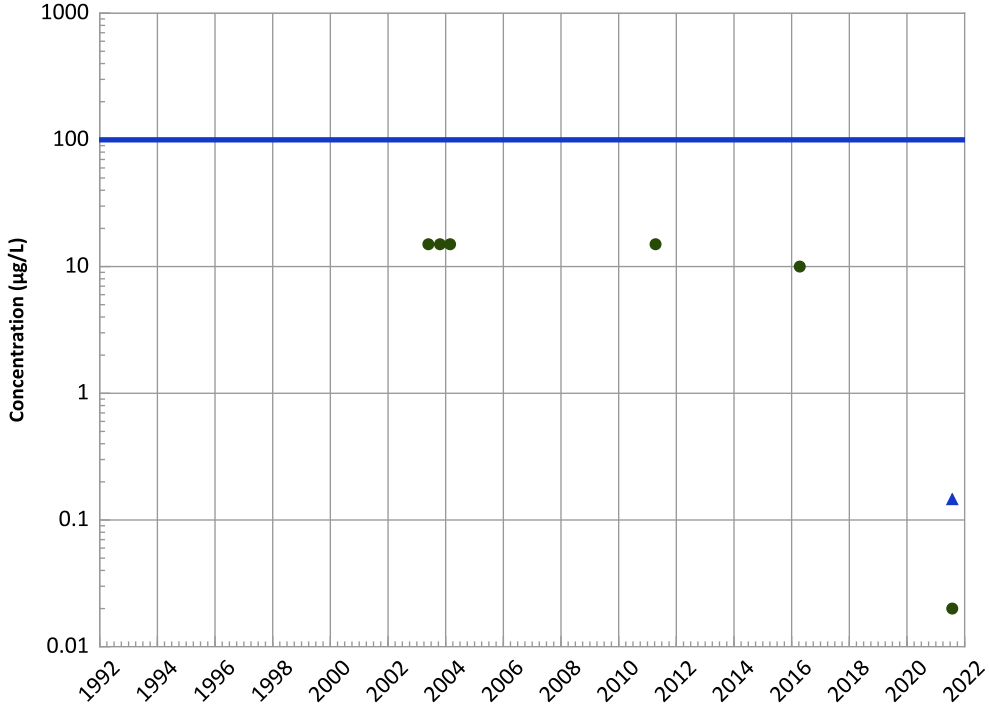


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

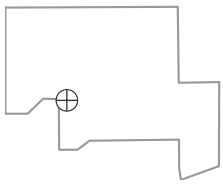
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

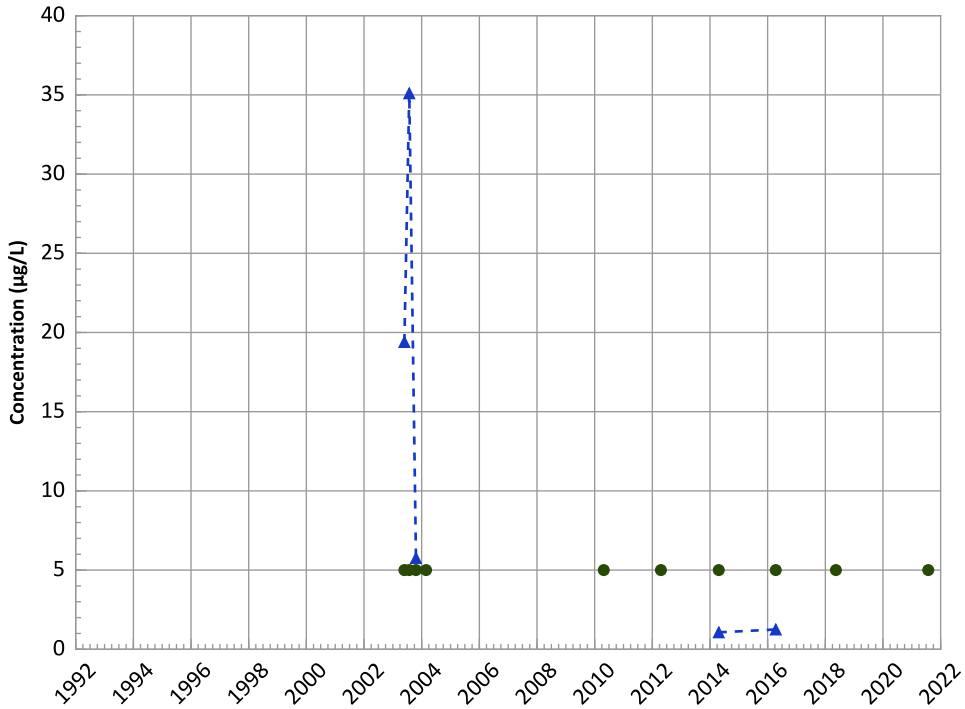
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

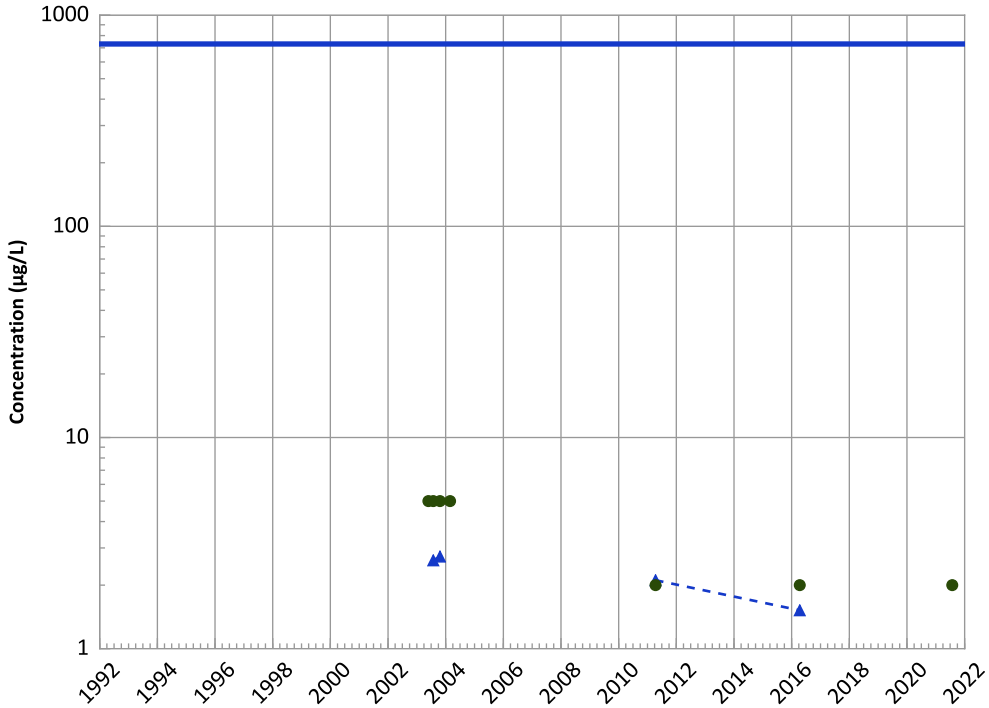


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Nickel Trend



Concentration Trend

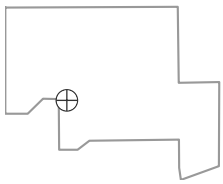
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

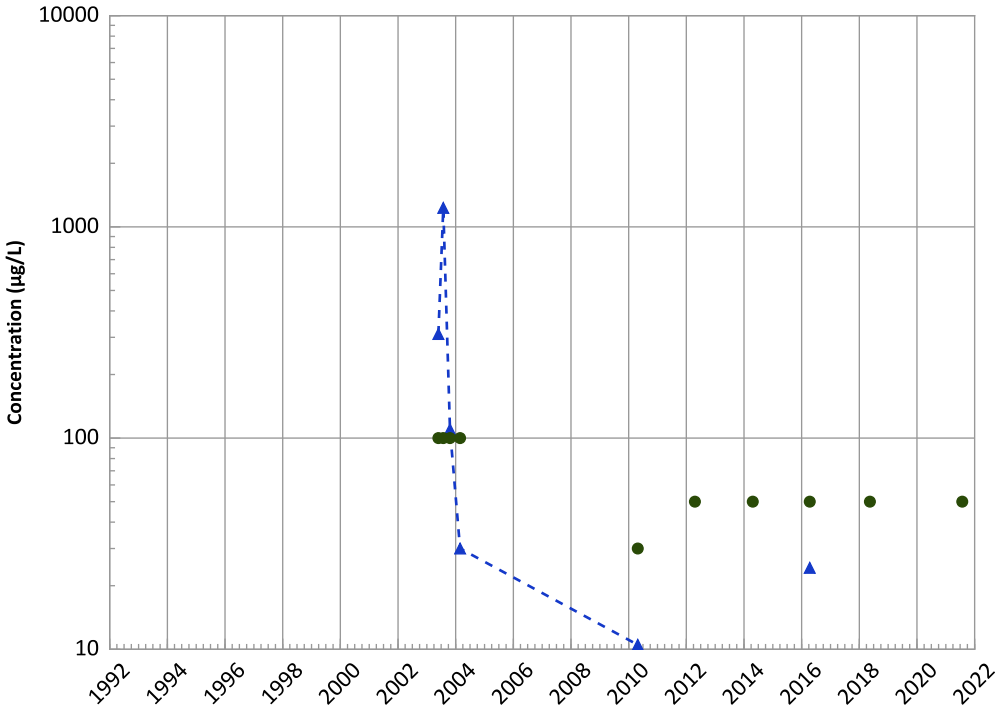
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

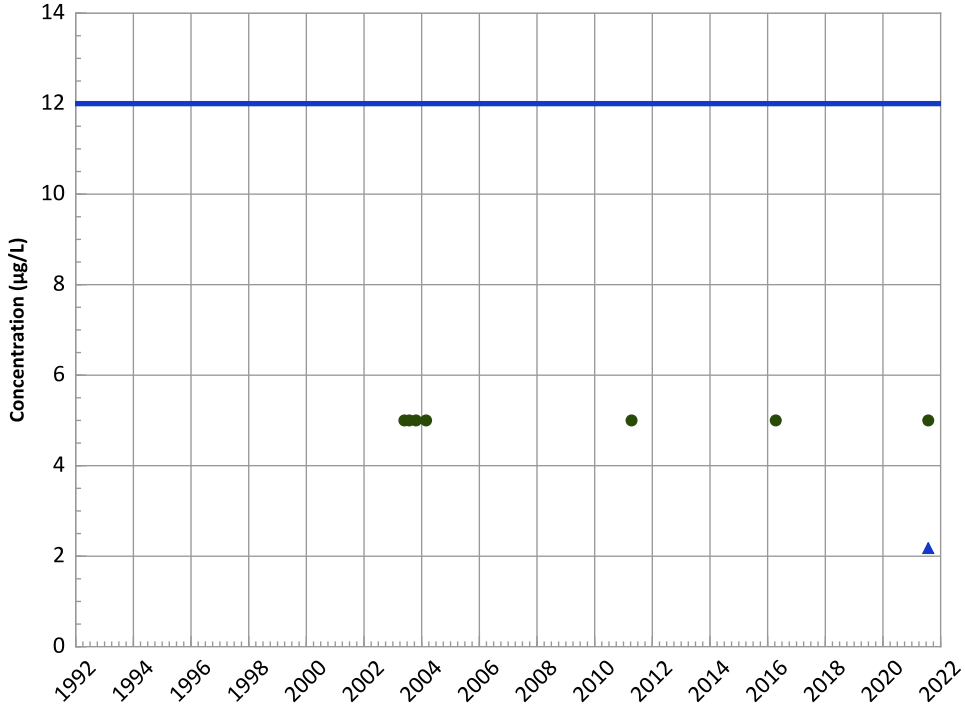


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Arsenic Trend



Concentration Trend

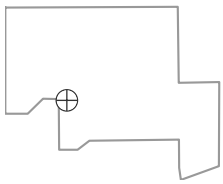
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

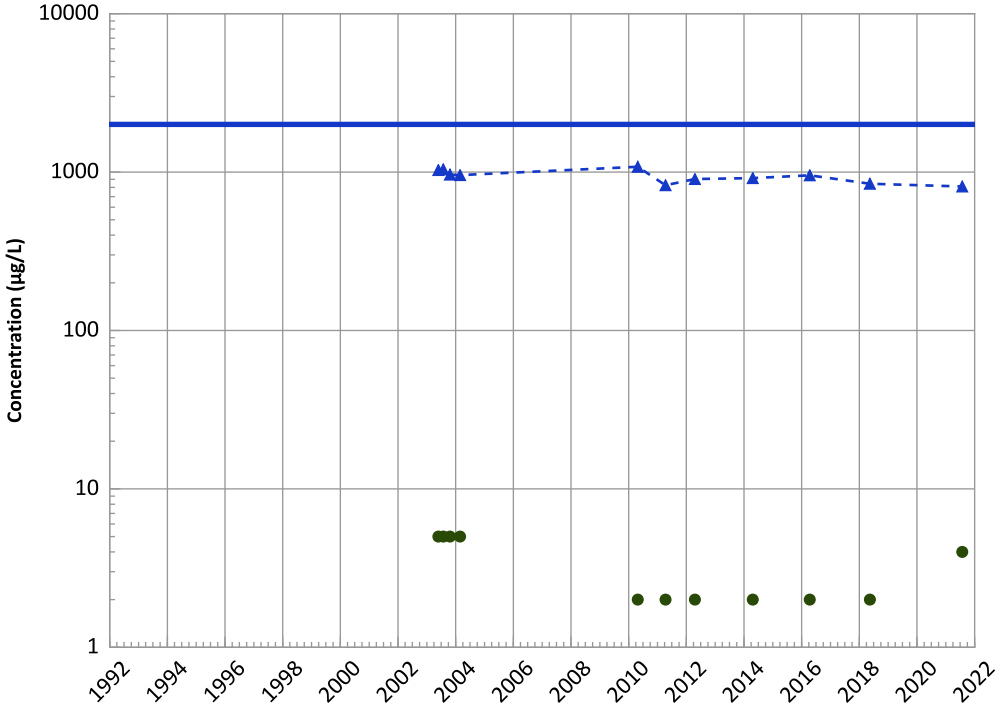
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

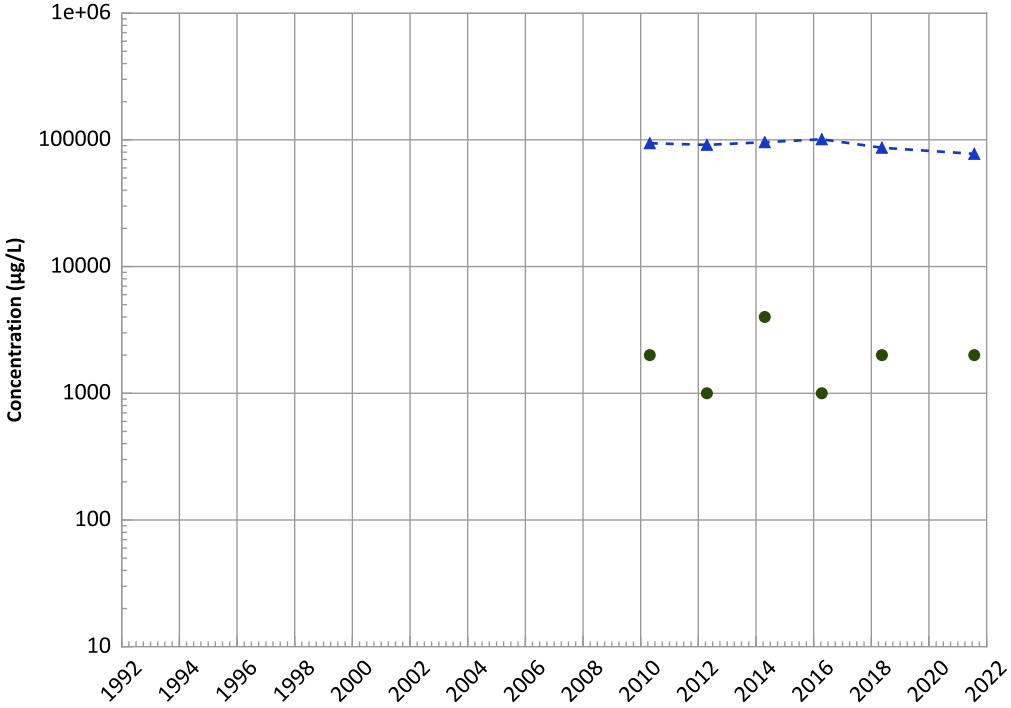


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Calcium Trend



Concentration Trend

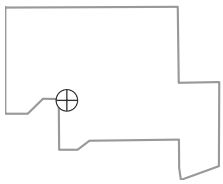
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

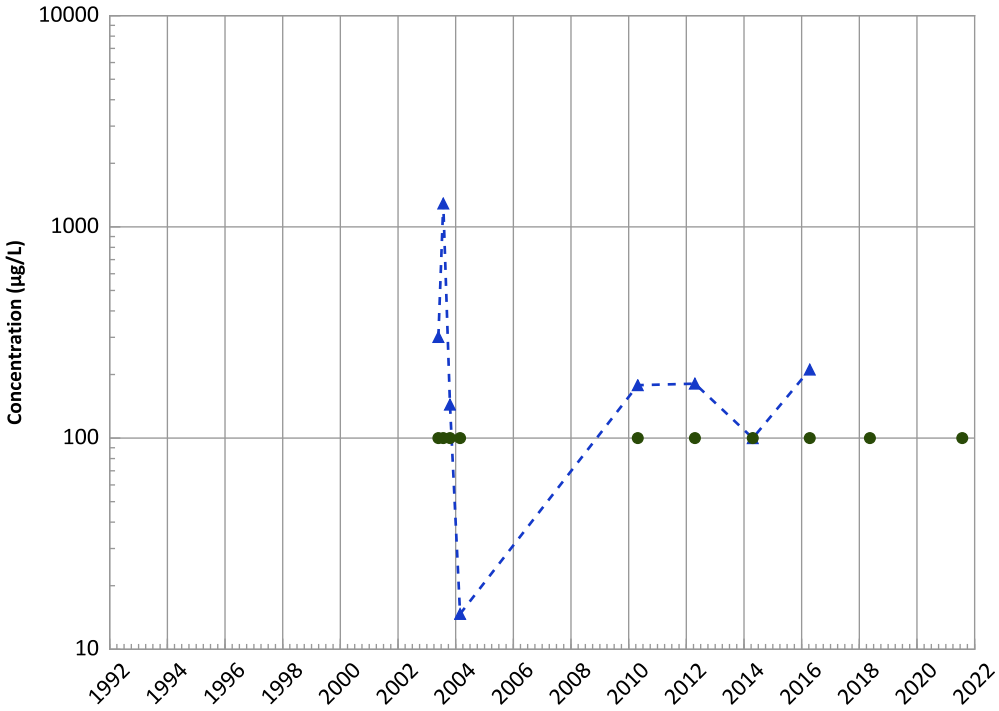
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

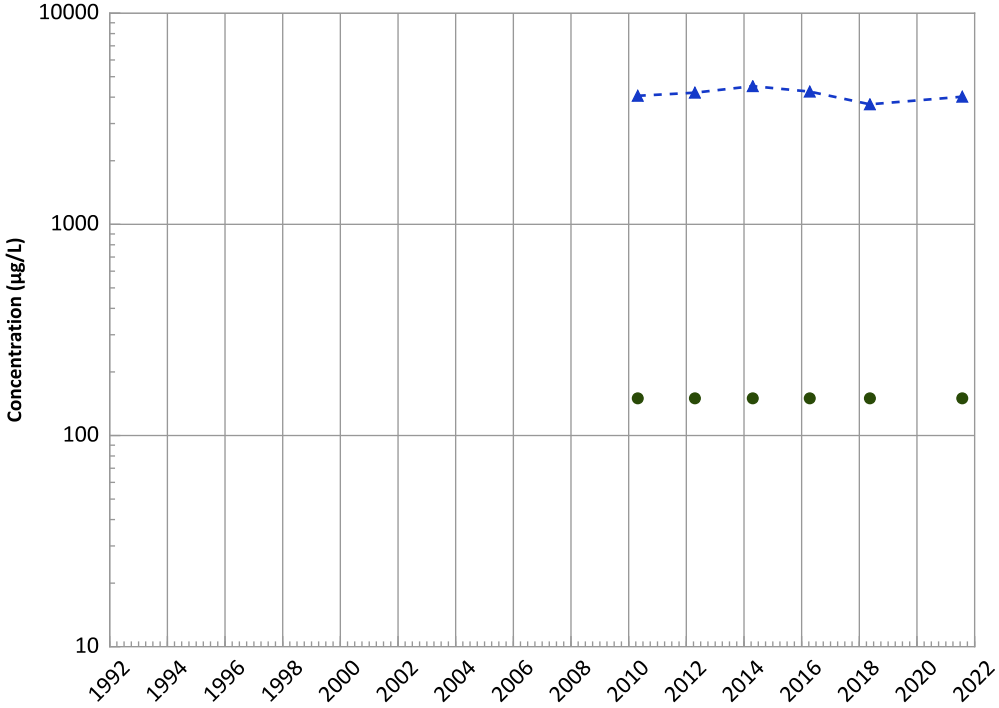


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Potassium Trend



Concentration Trend

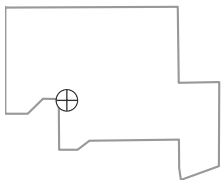
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

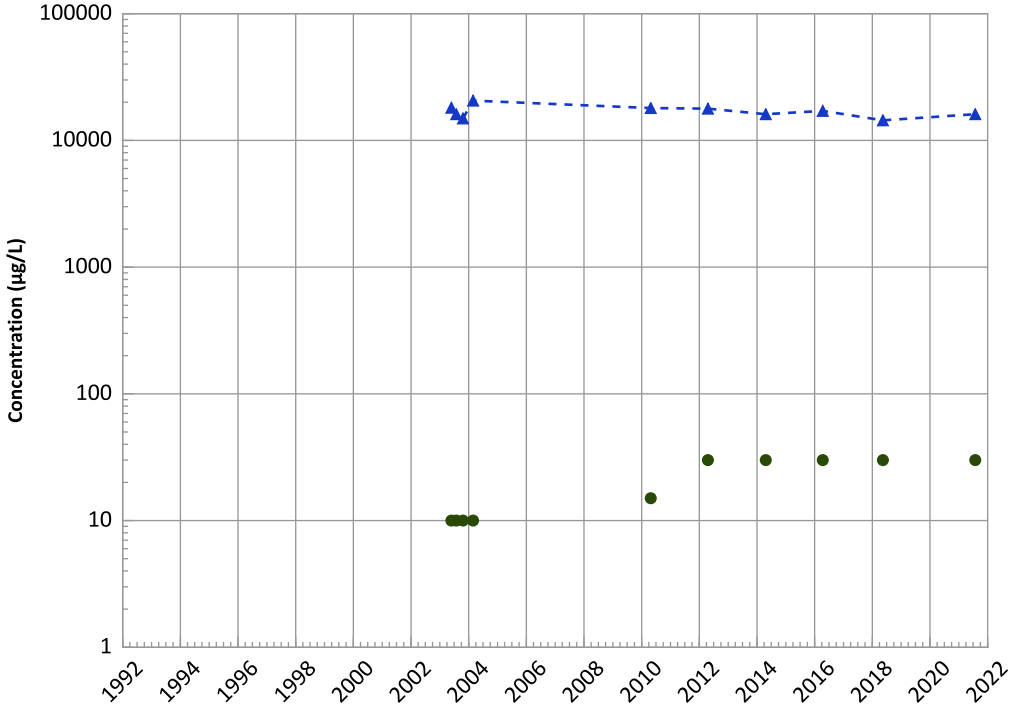
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

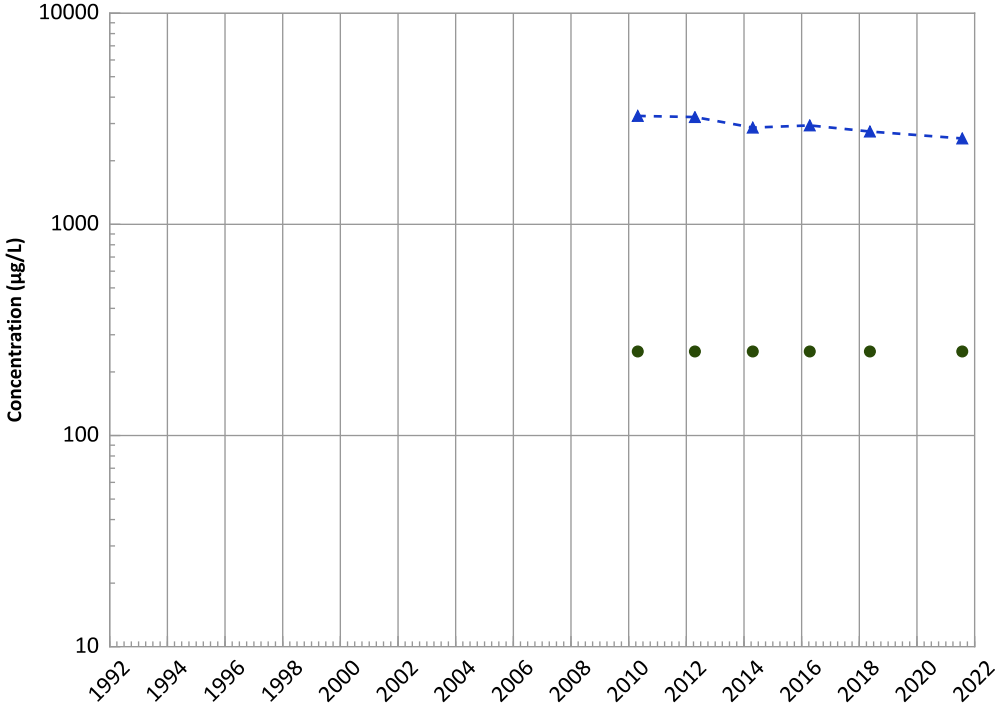


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Sodium Trend



Concentration Trend

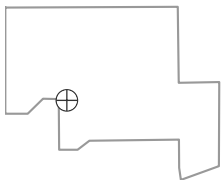
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

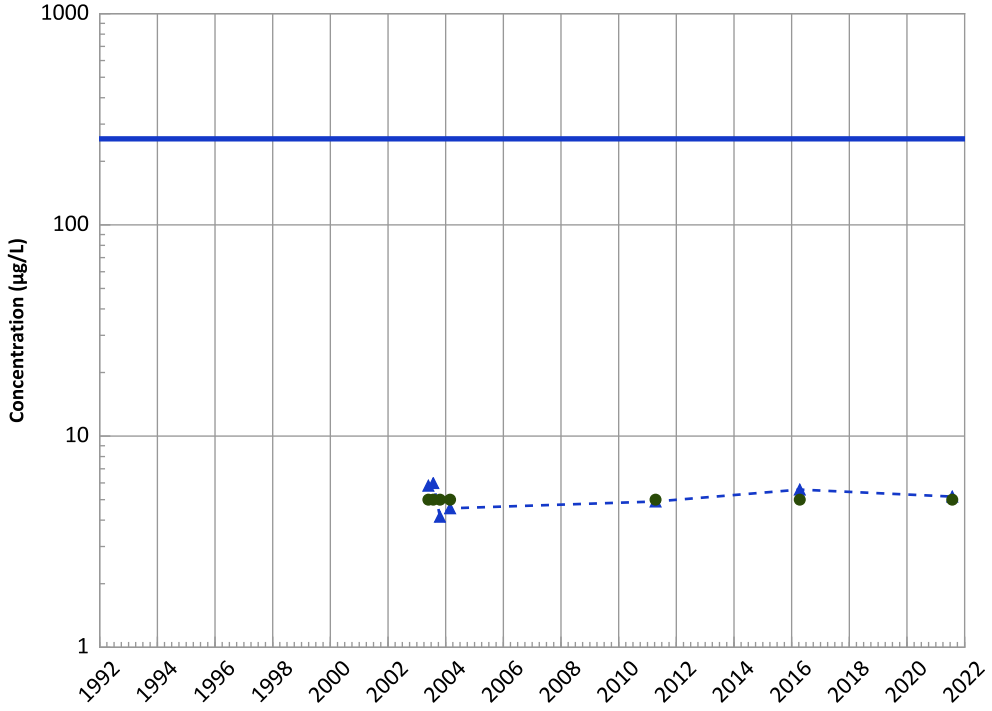
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1085 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

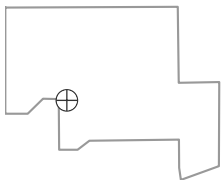
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

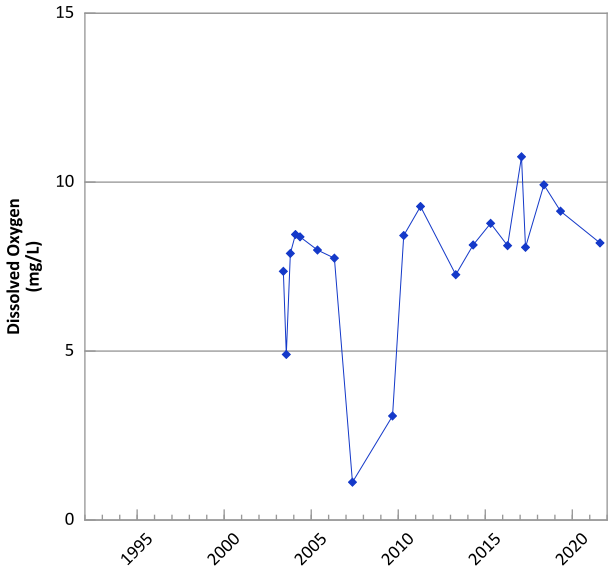
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 07/28/2021
Analysis Date: 04/05/2022

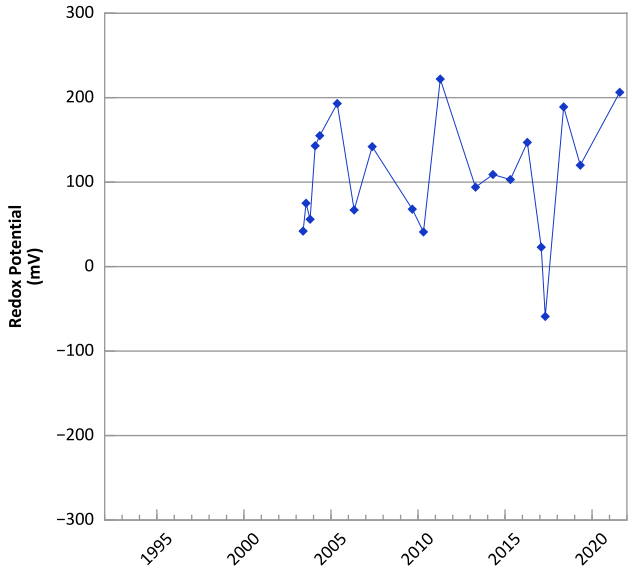
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

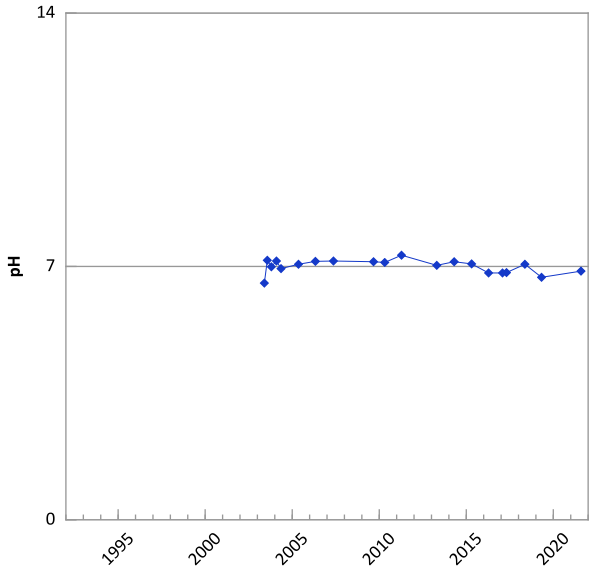
Well Location

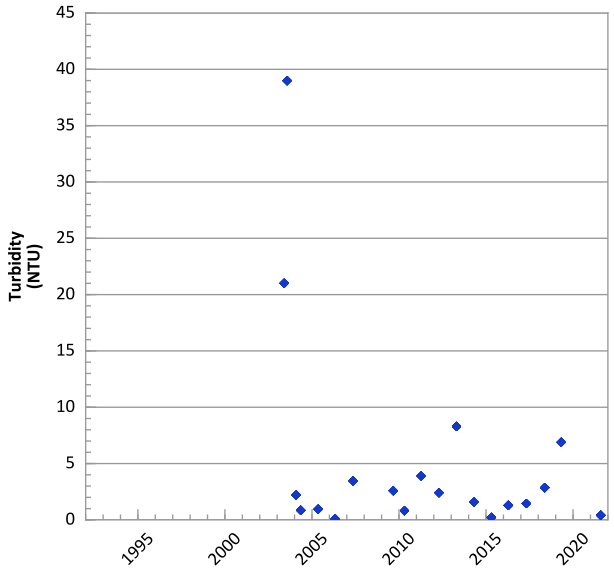


PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



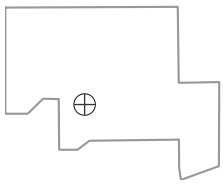






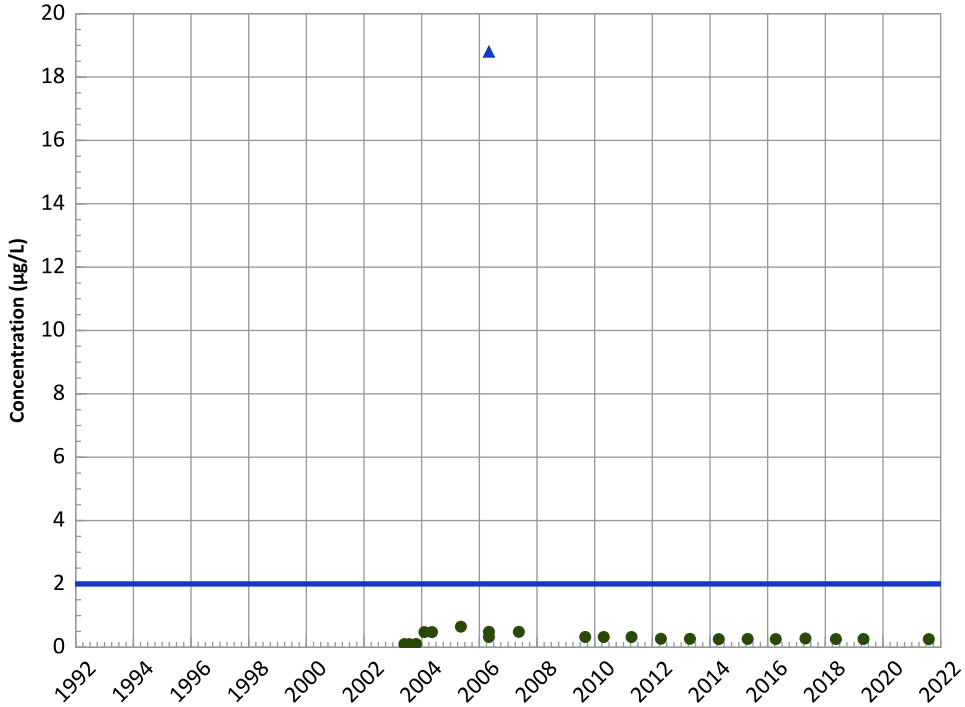
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

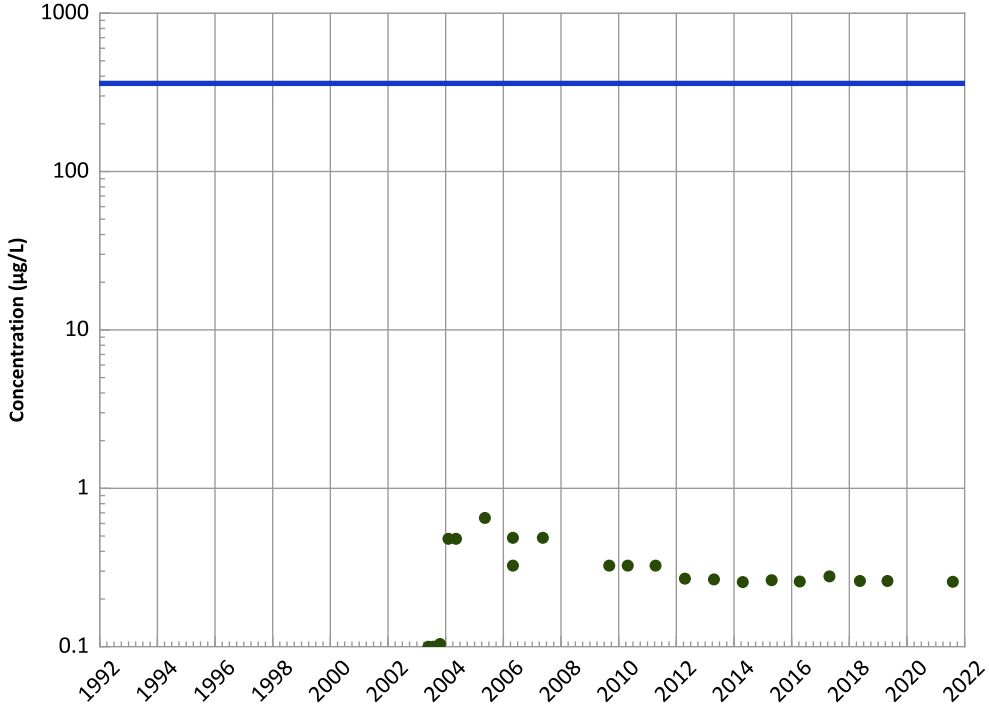


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

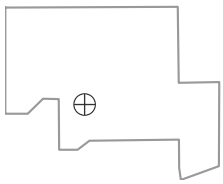
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

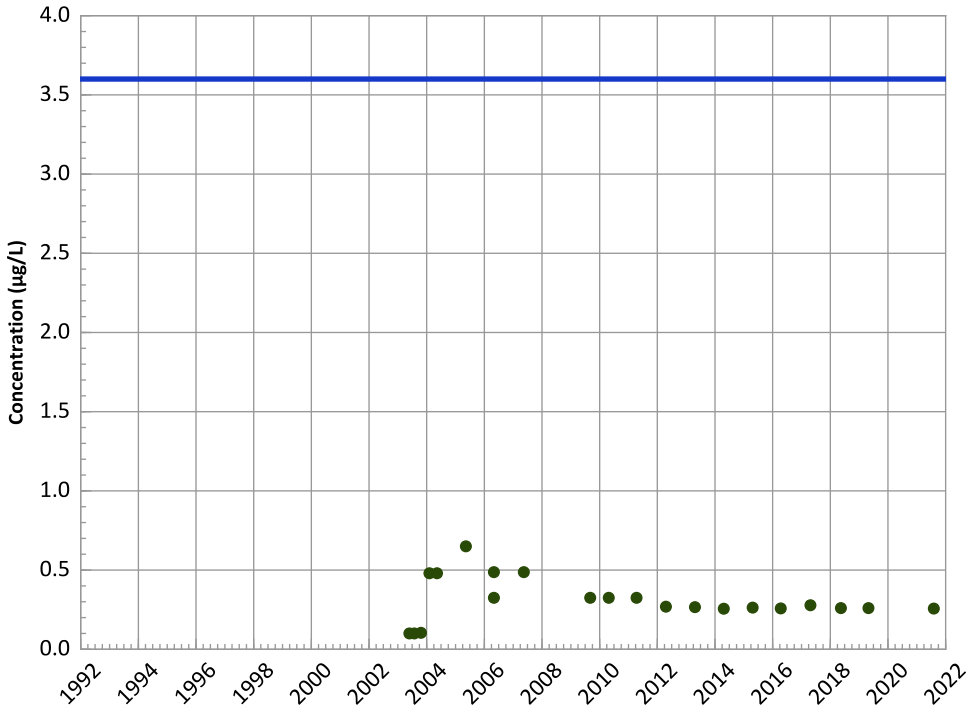
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

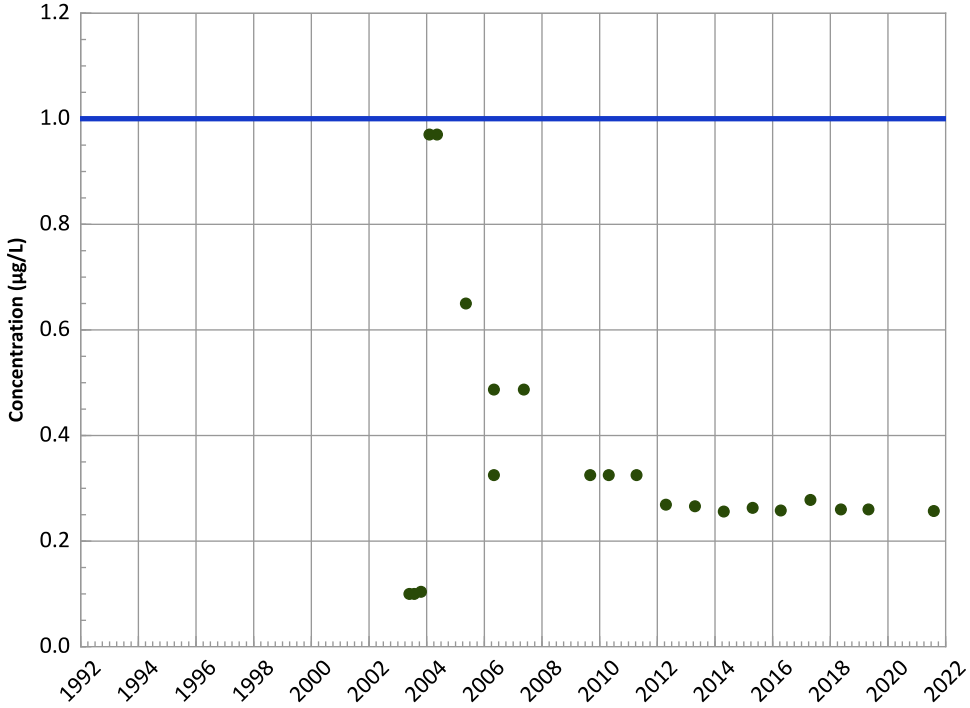


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

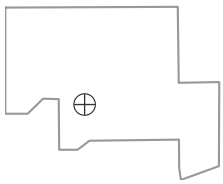
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

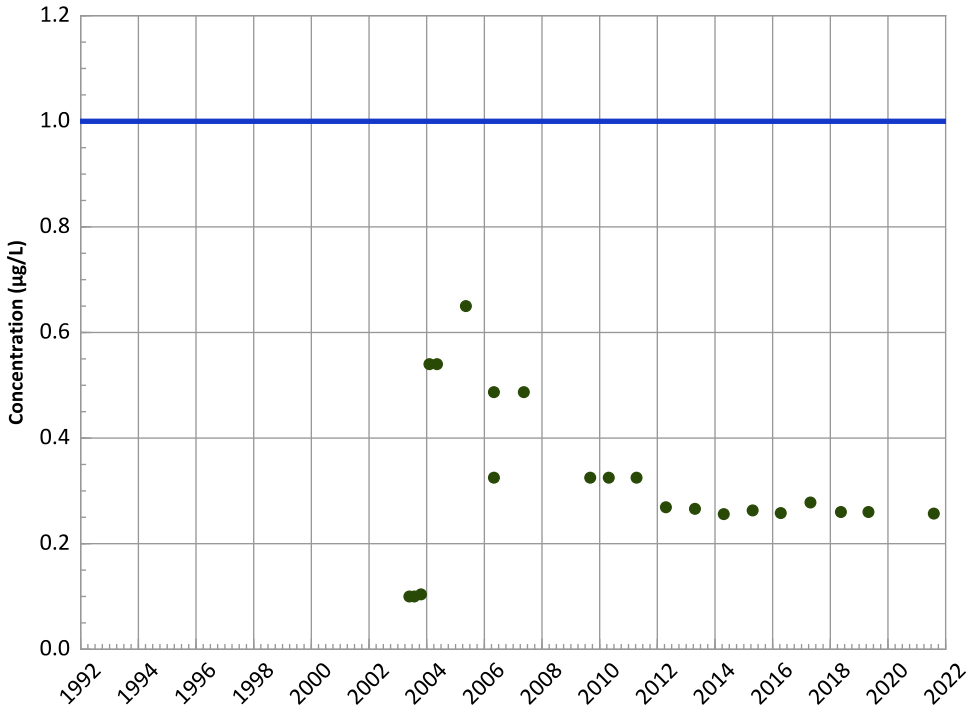
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

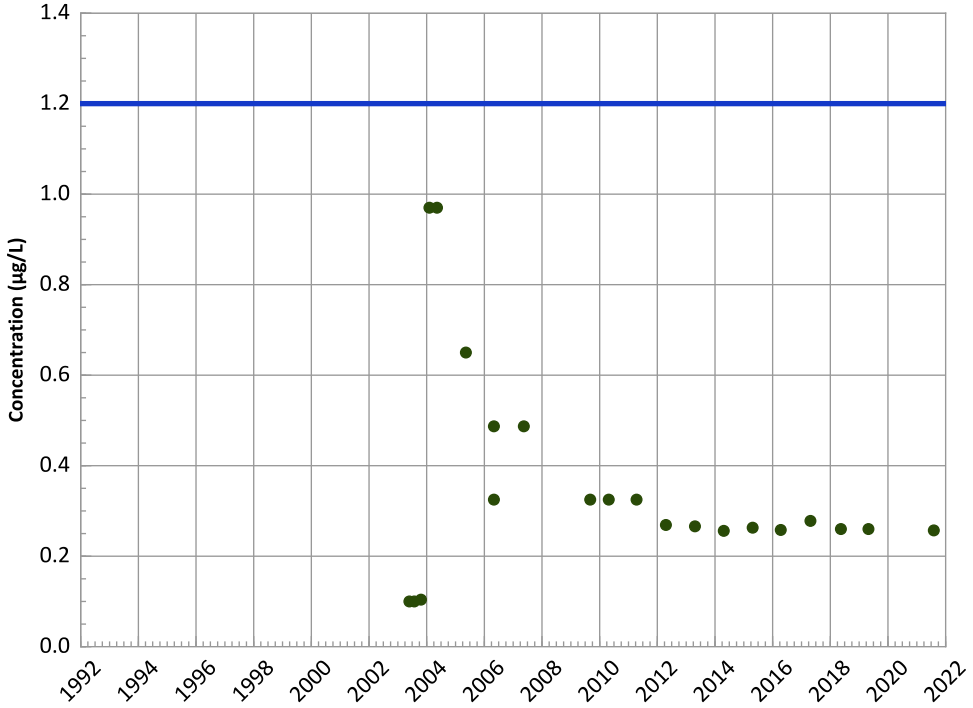


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

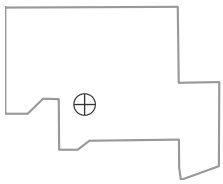
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

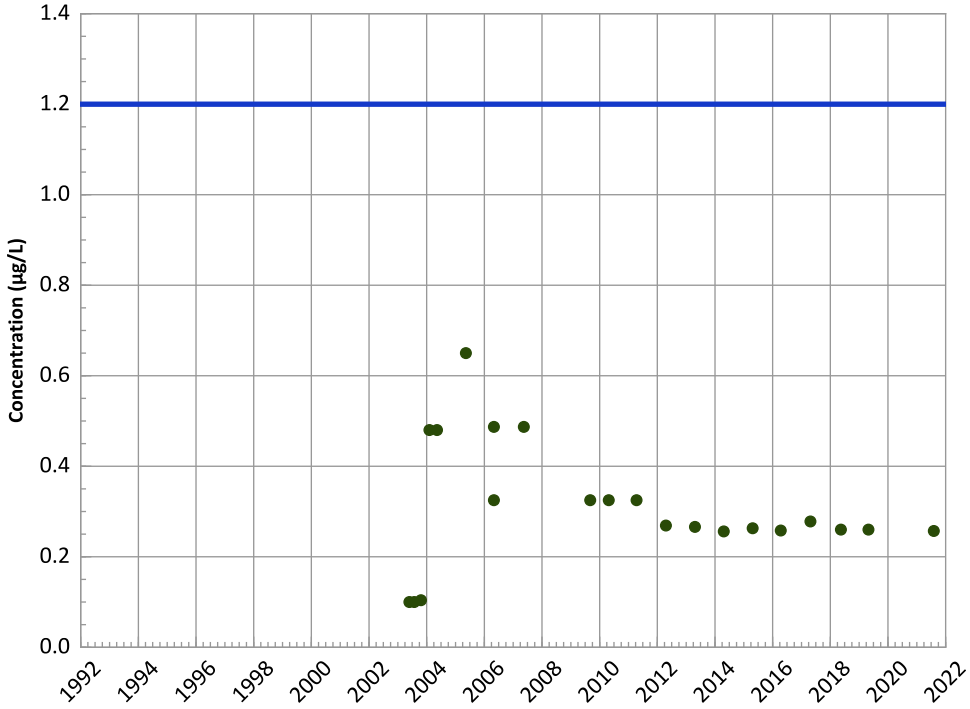
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

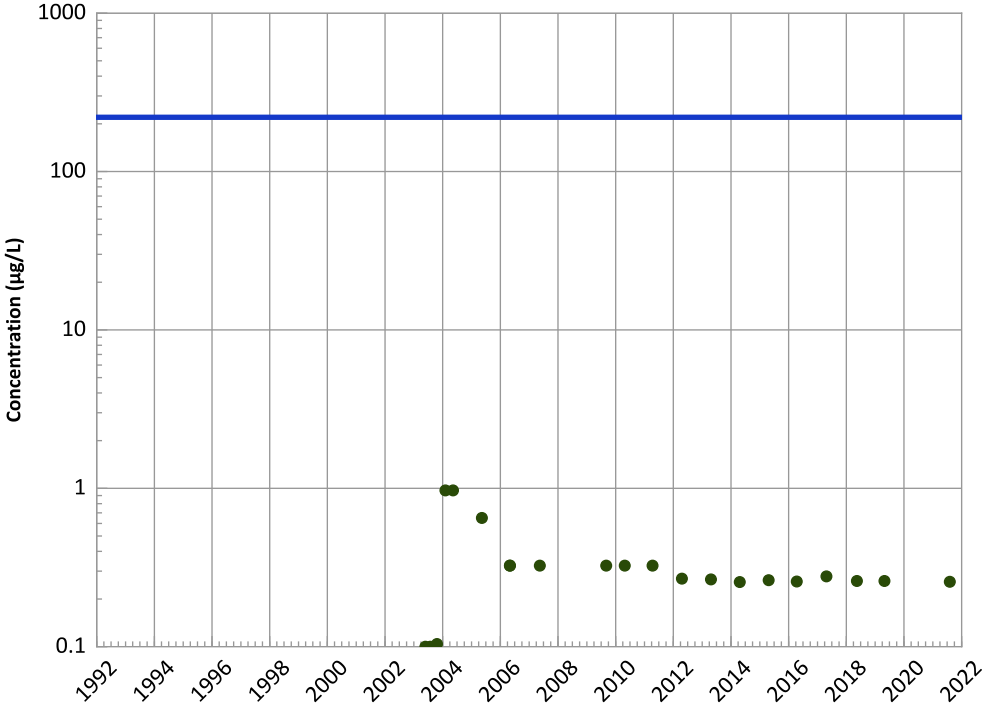


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

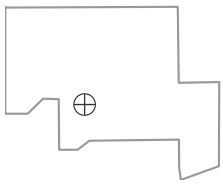
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

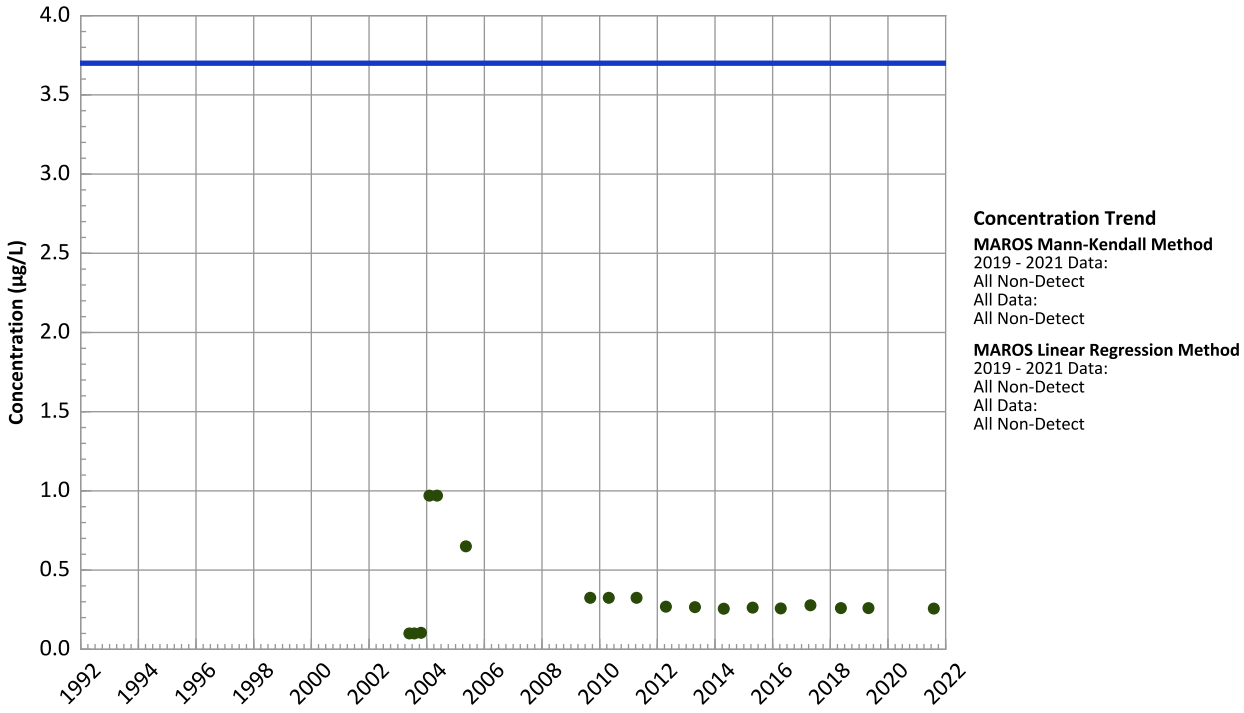
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

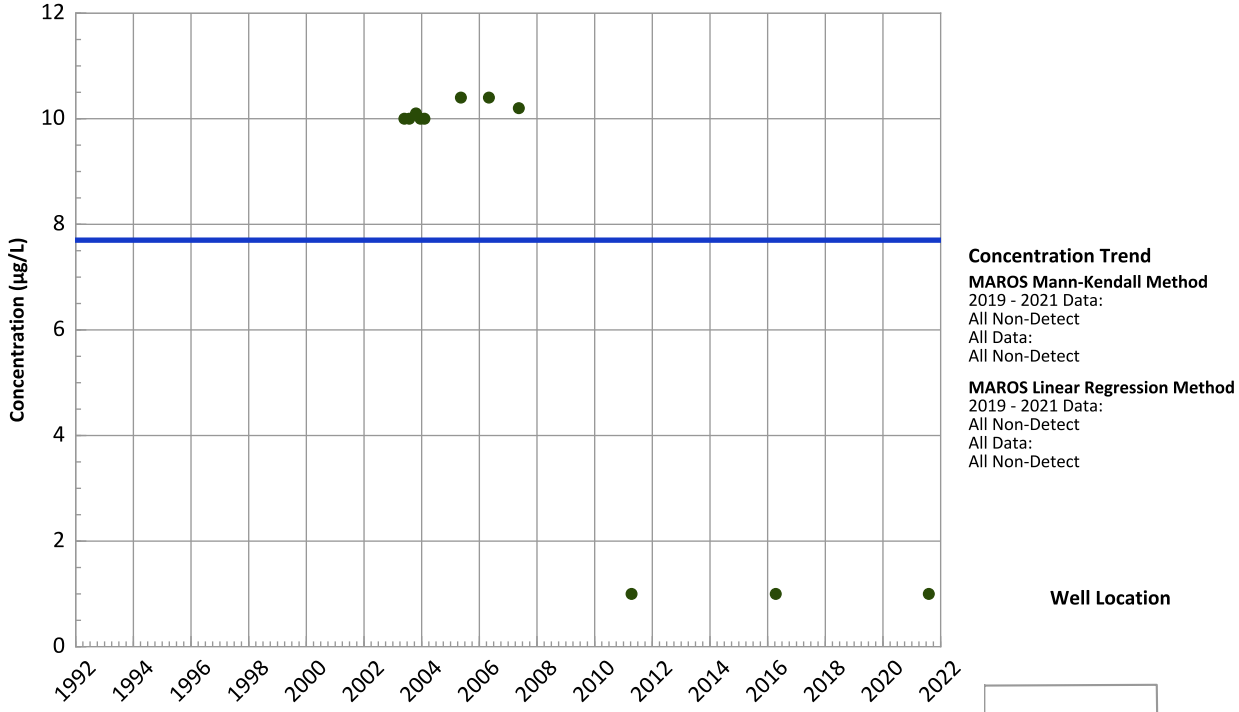


PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



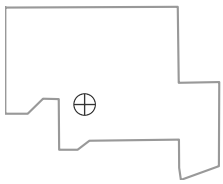
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

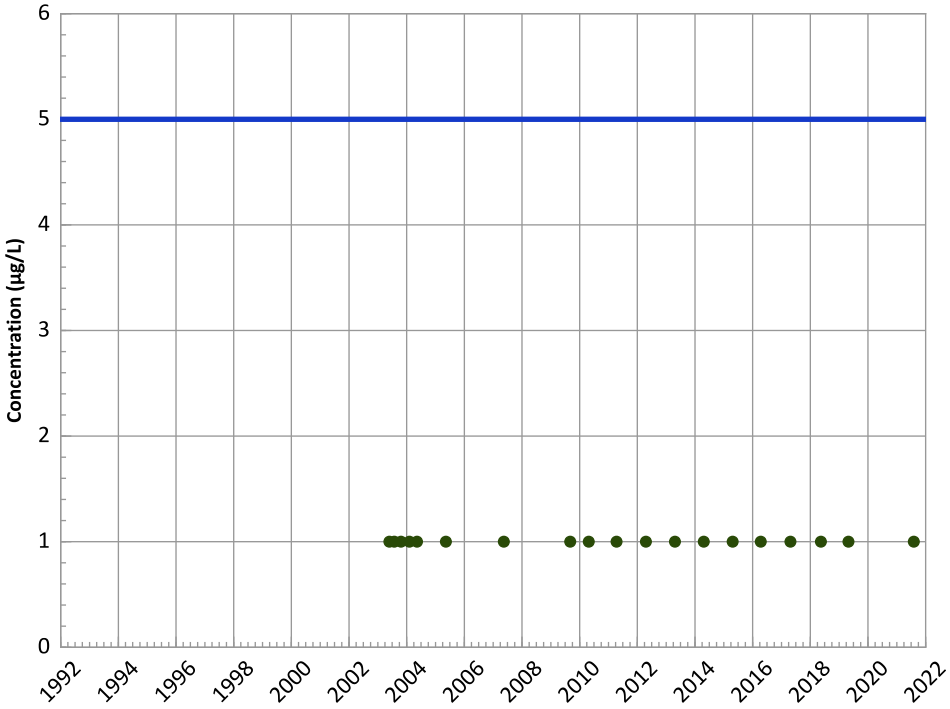
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

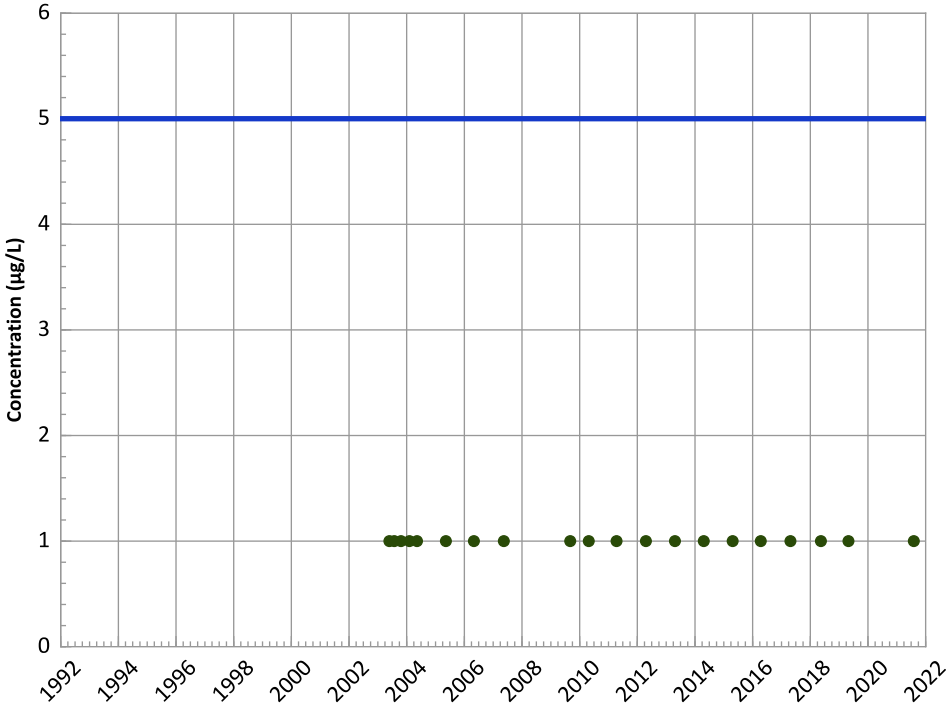


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

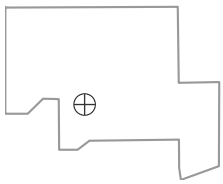
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

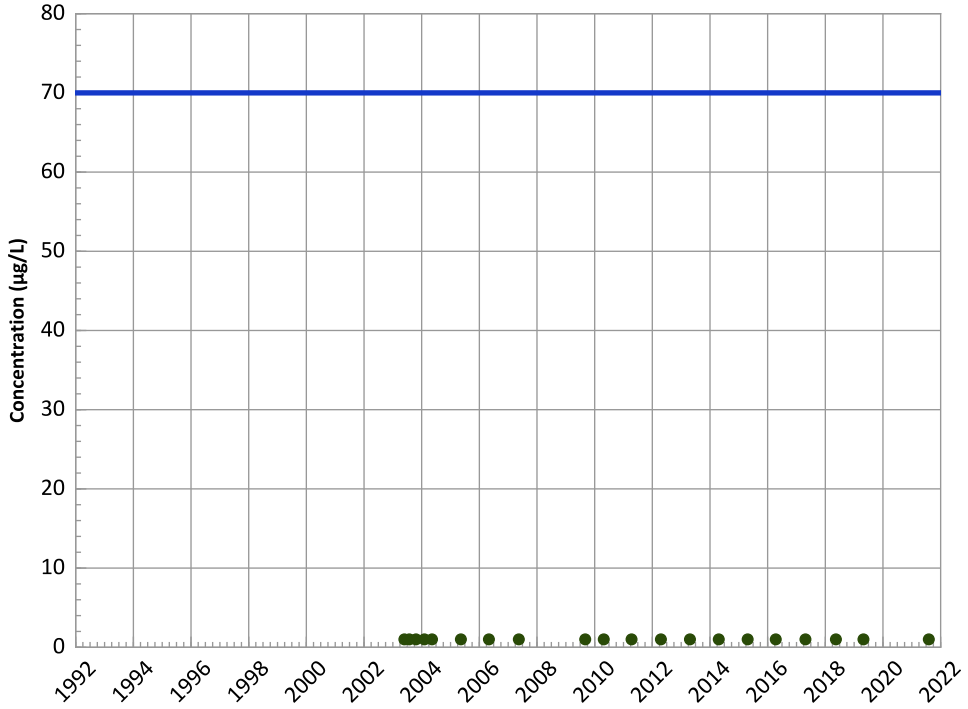
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

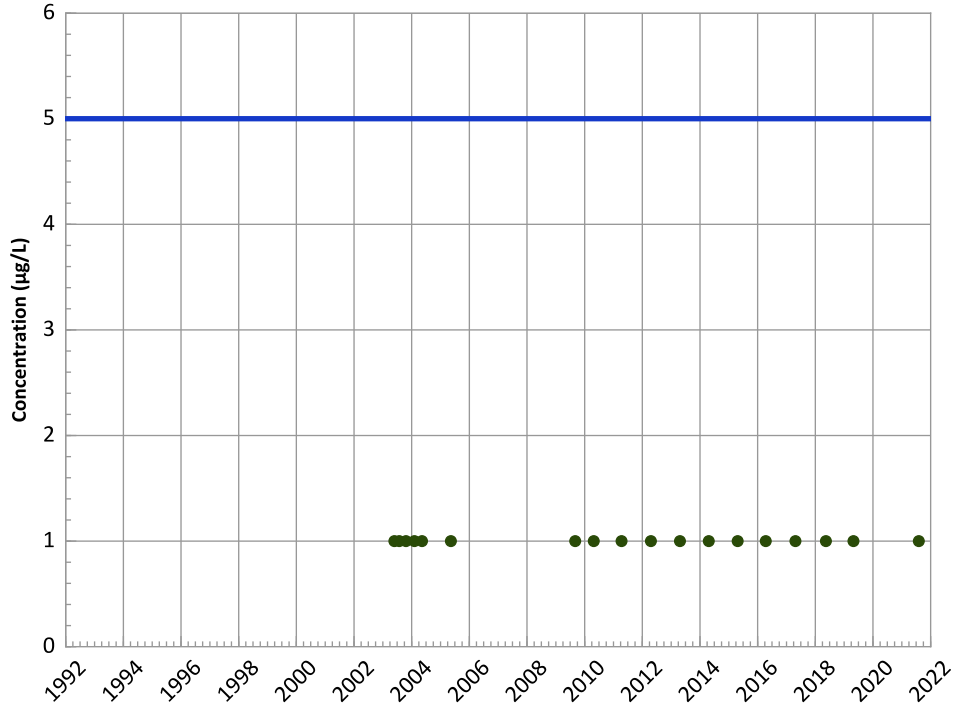


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

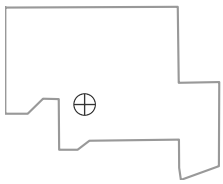
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

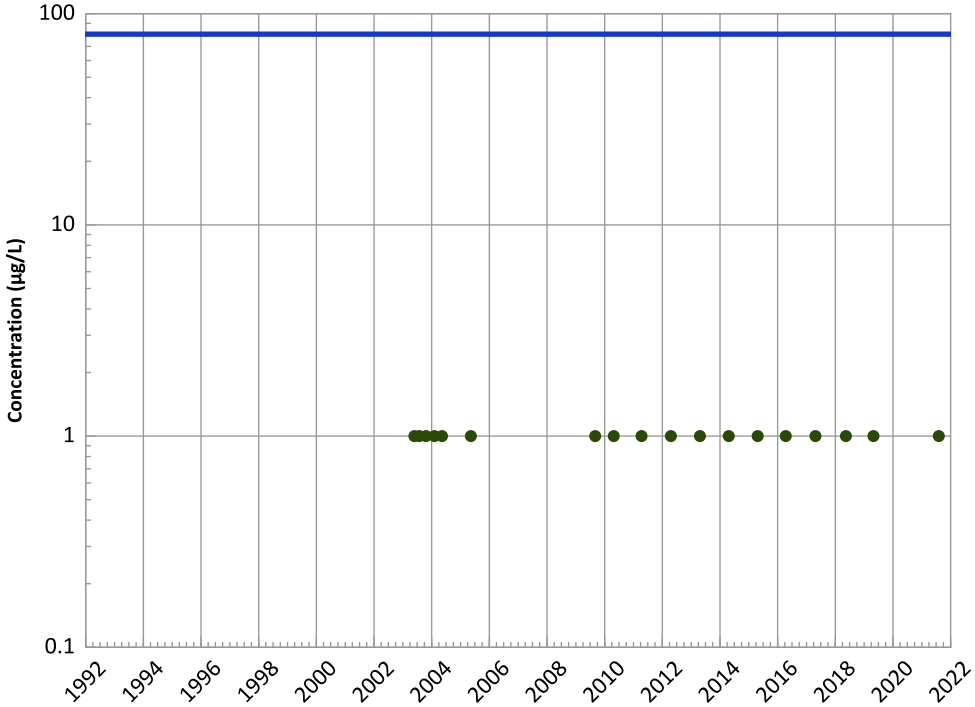
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

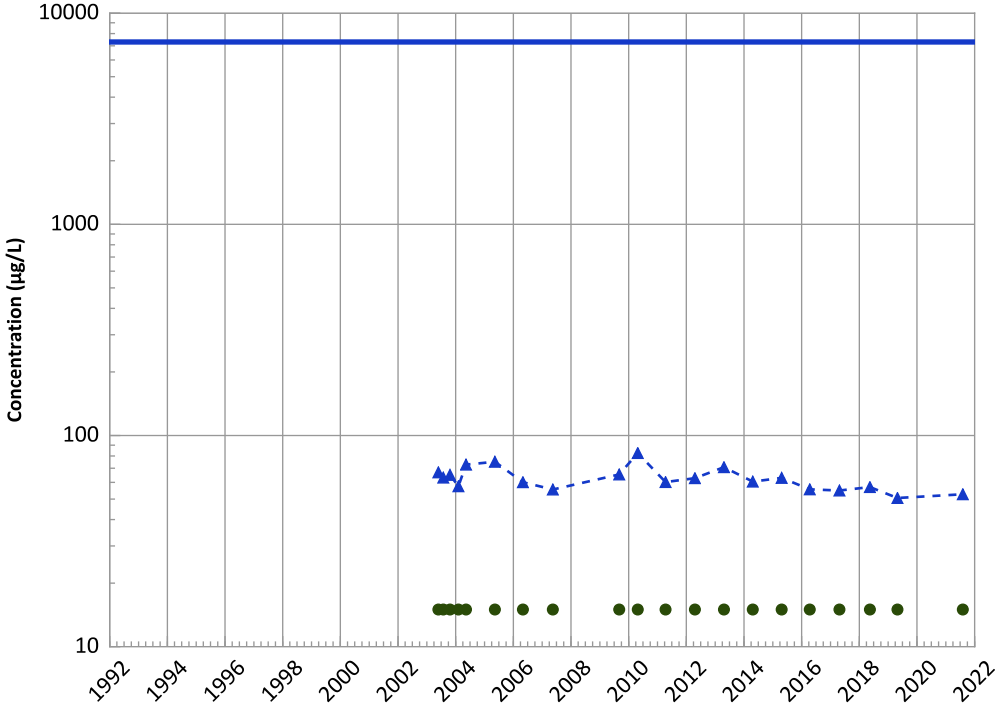


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

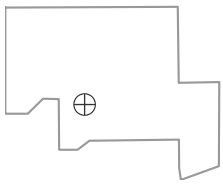
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

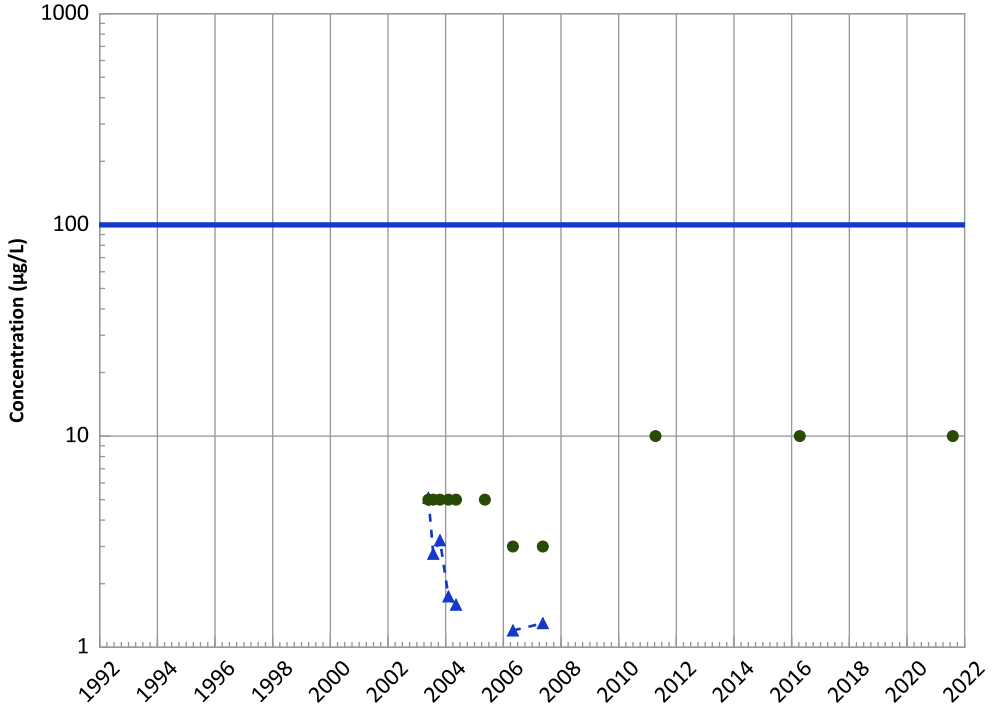
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

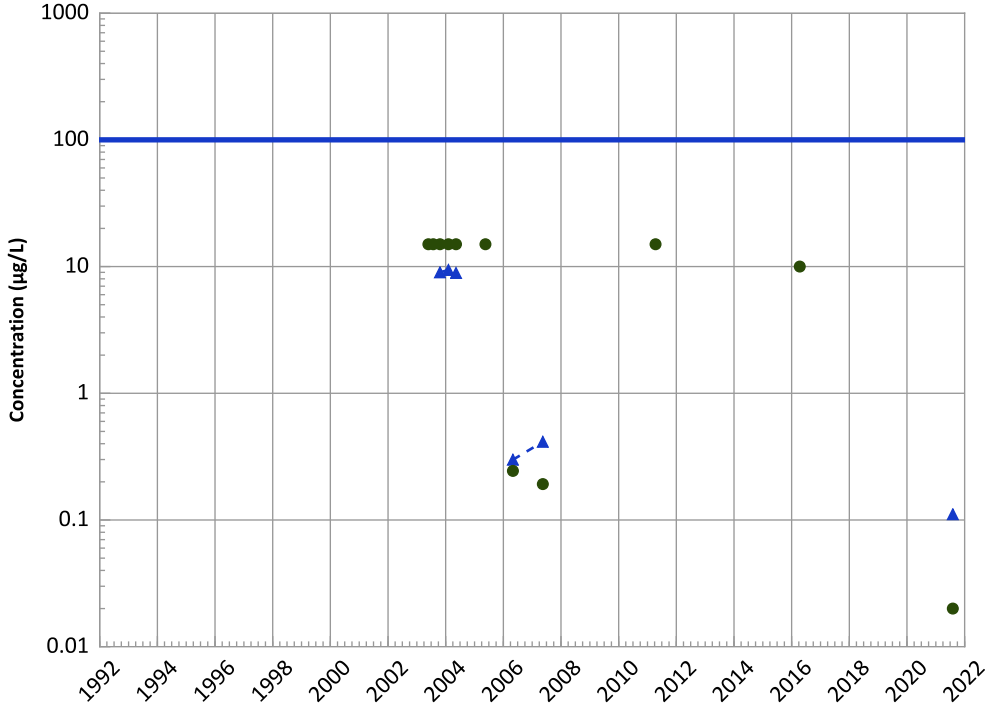


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

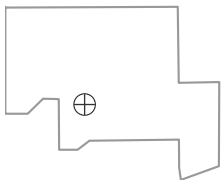
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

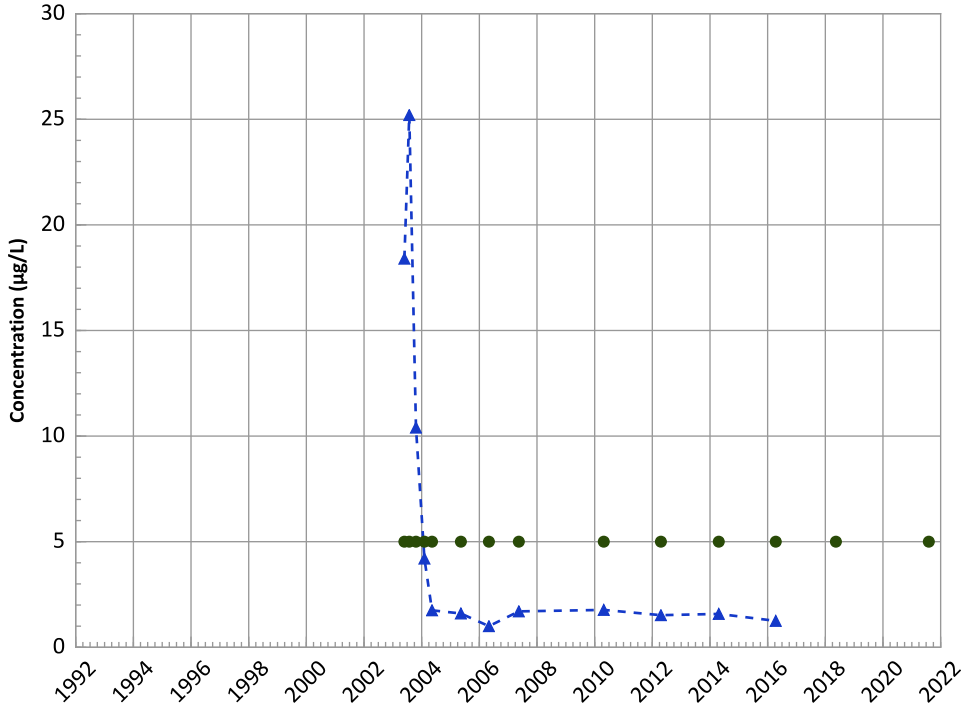
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

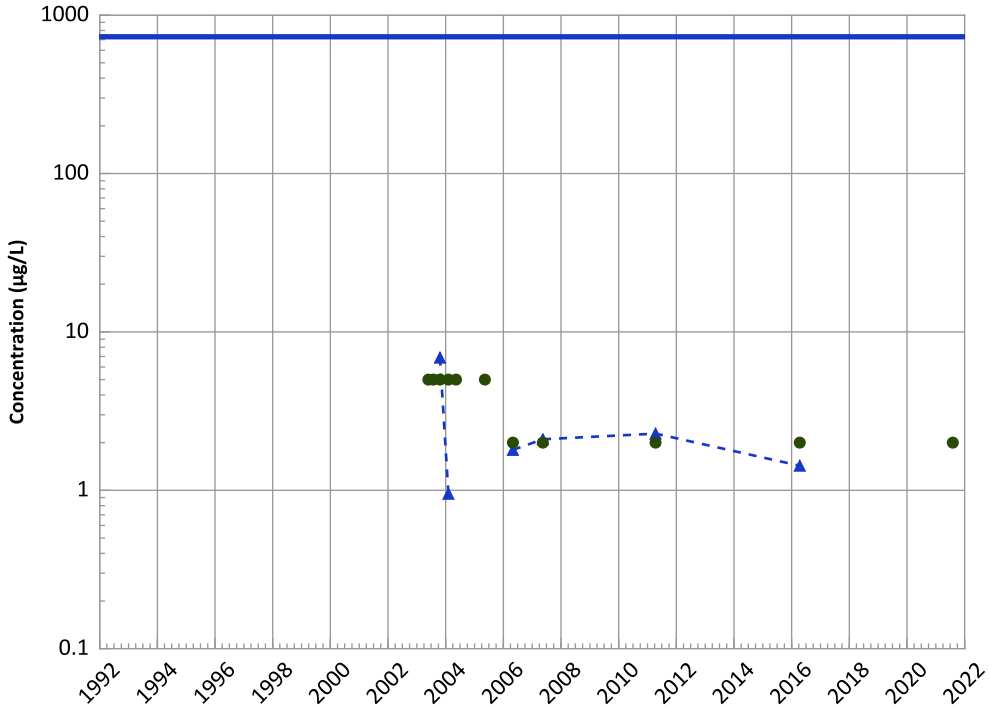


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Nickel Trend



Concentration Trend

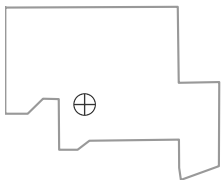
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

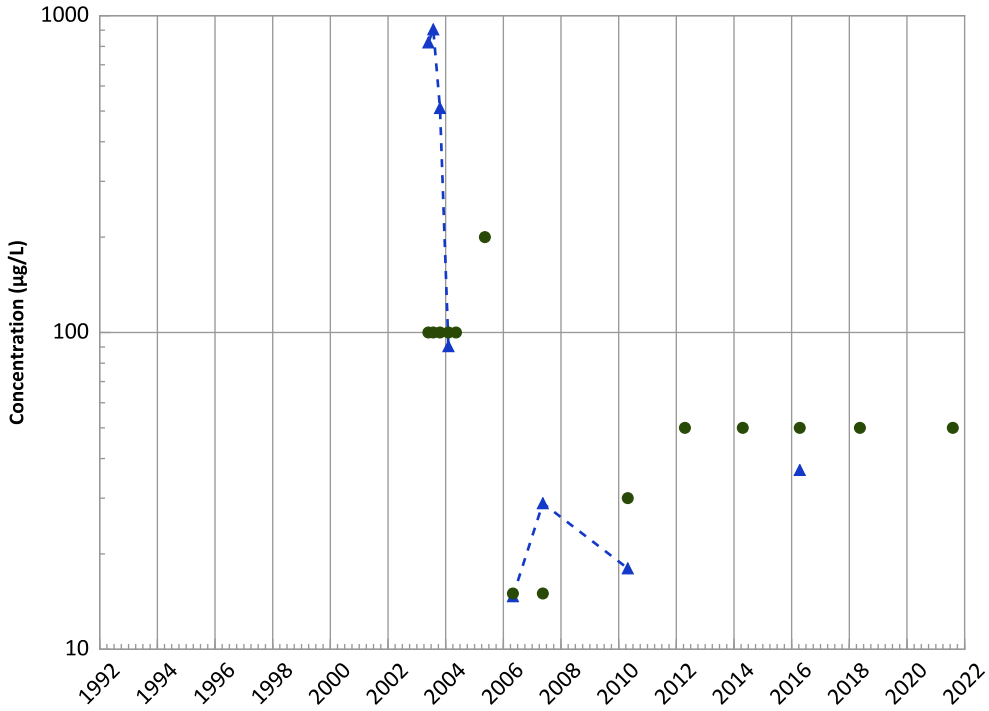
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

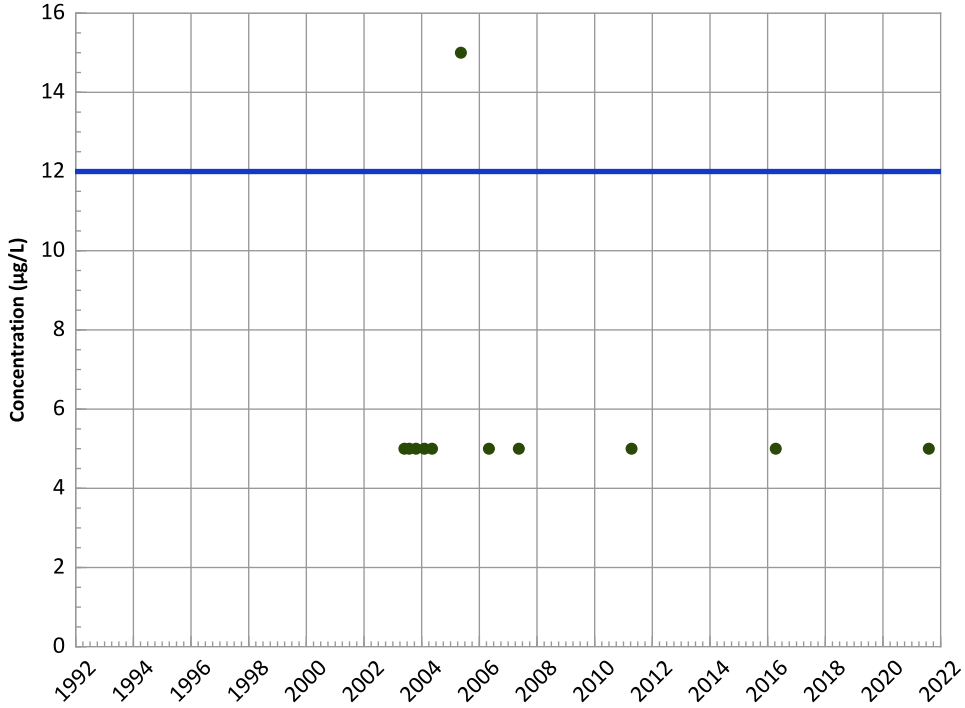


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

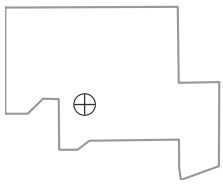
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

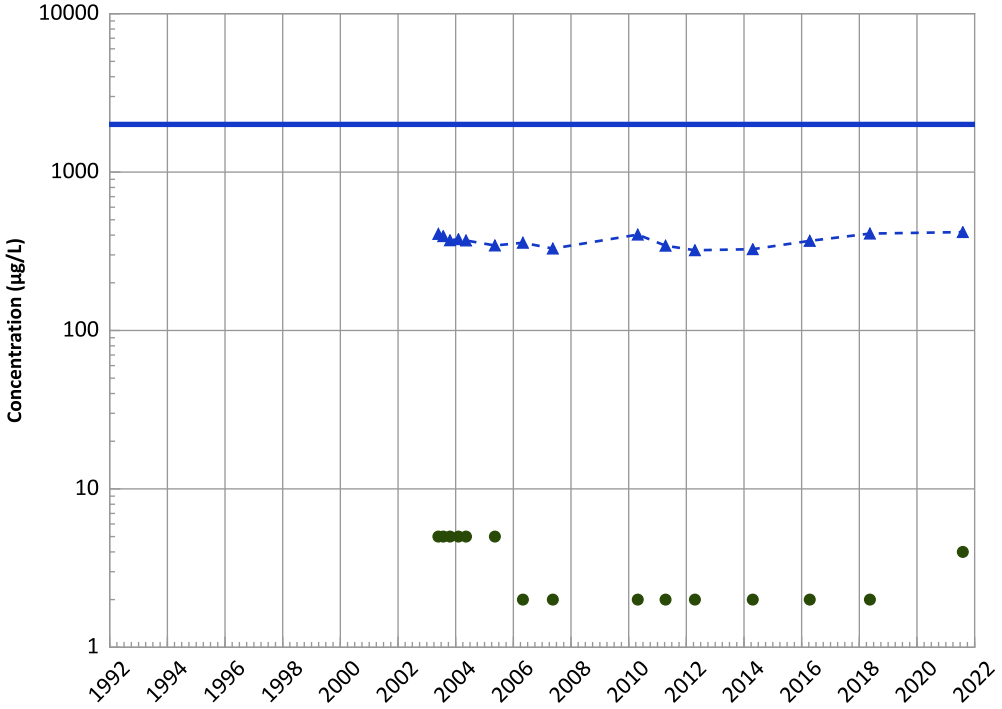
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

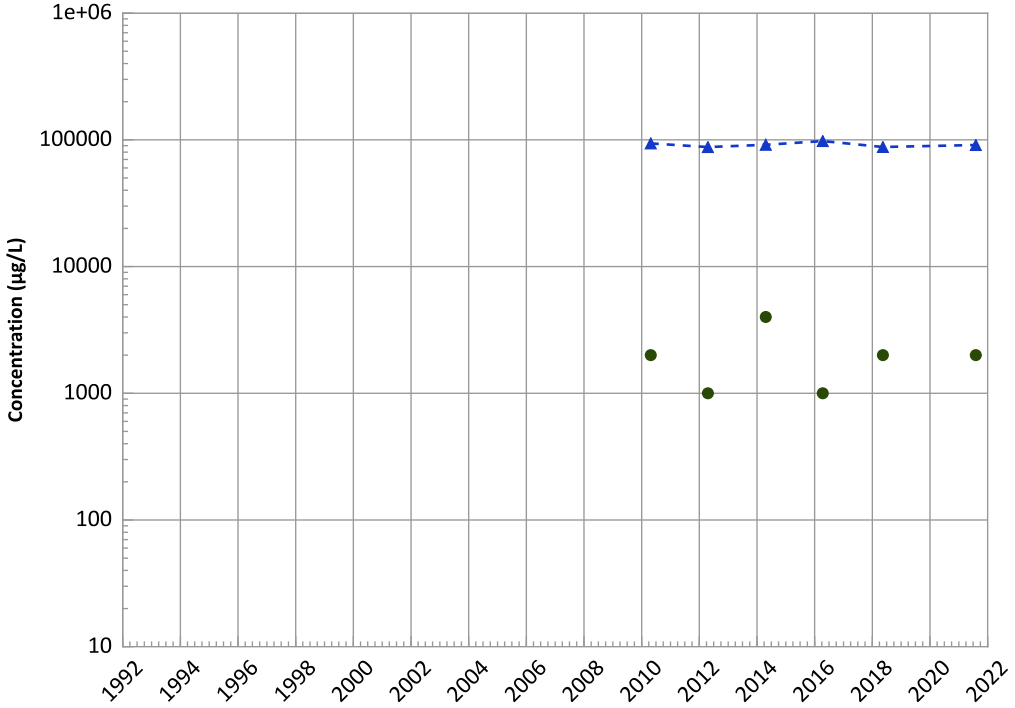


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Calcium Trend



Concentration Trend

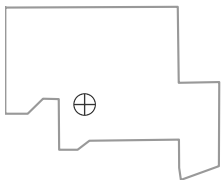
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

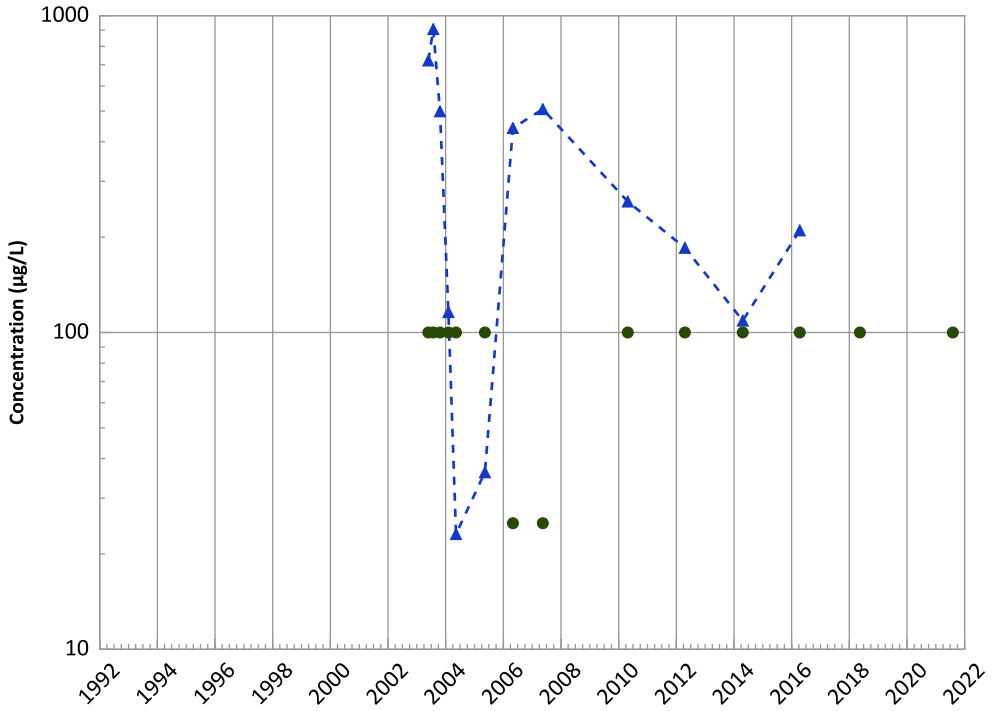
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

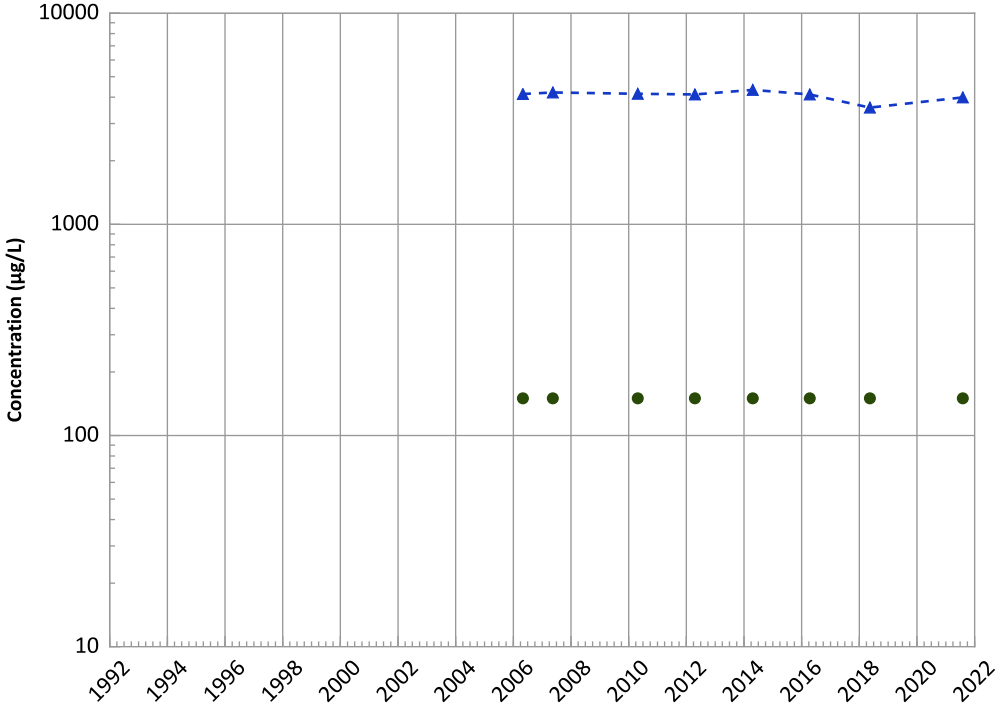


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Potassium Trend



Concentration Trend

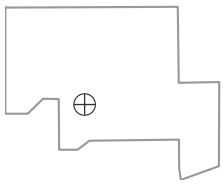
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

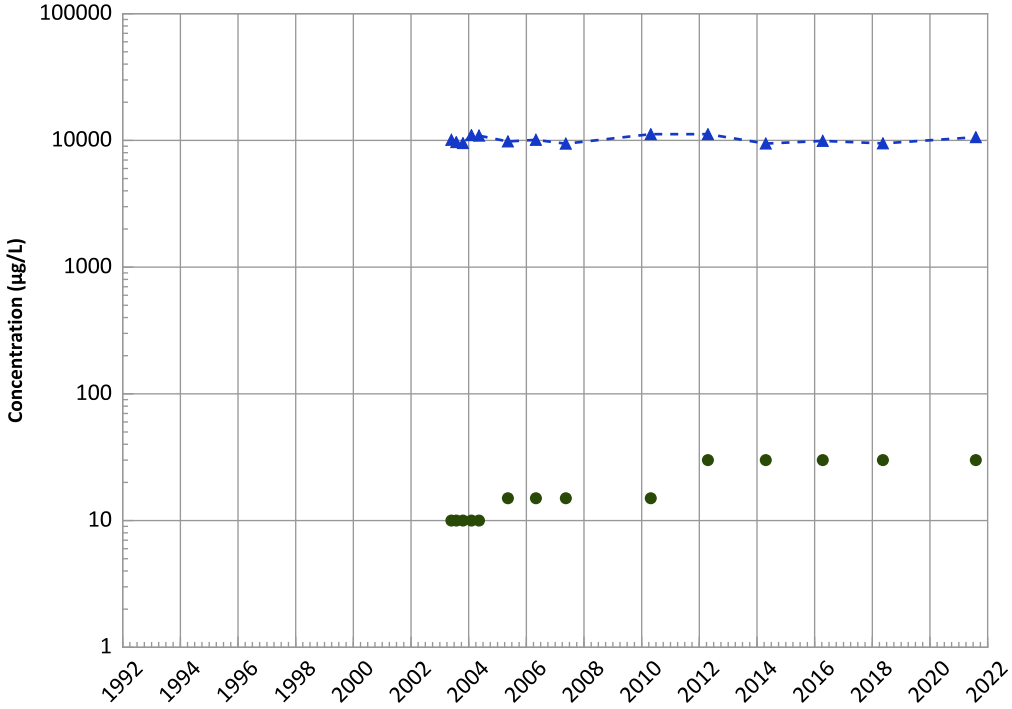
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

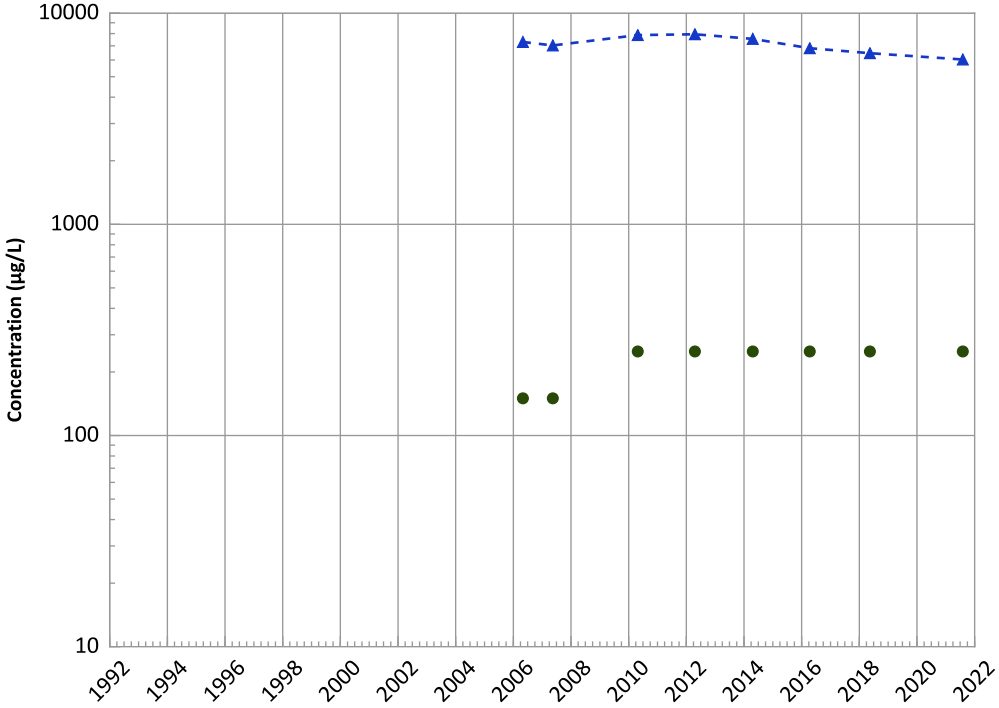


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Sodium Trend



Concentration Trend

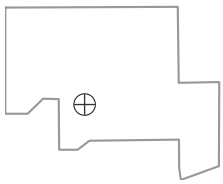
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

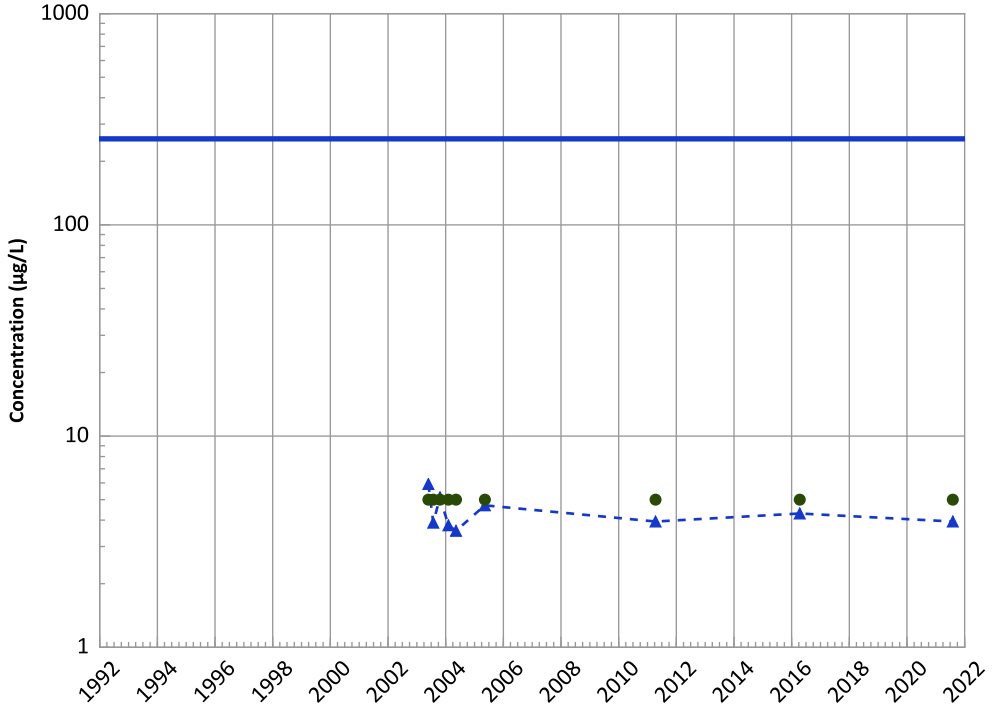
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1086 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

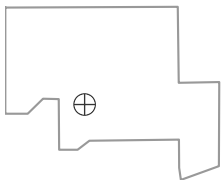
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

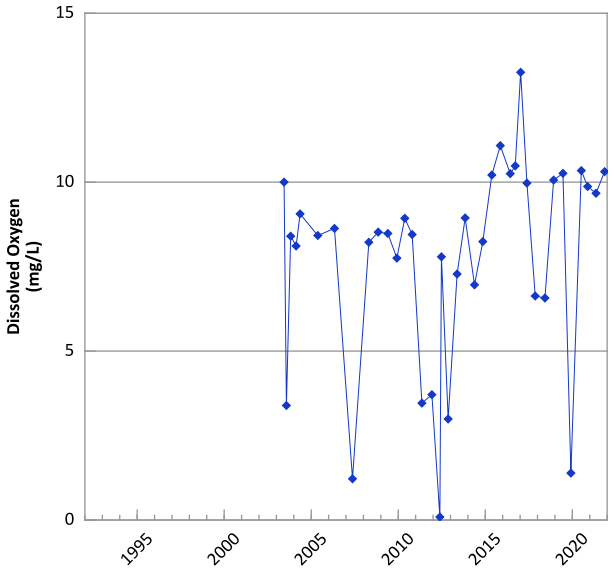
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/27/2003 to 08/04/2021
Analysis Date: 04/05/2022

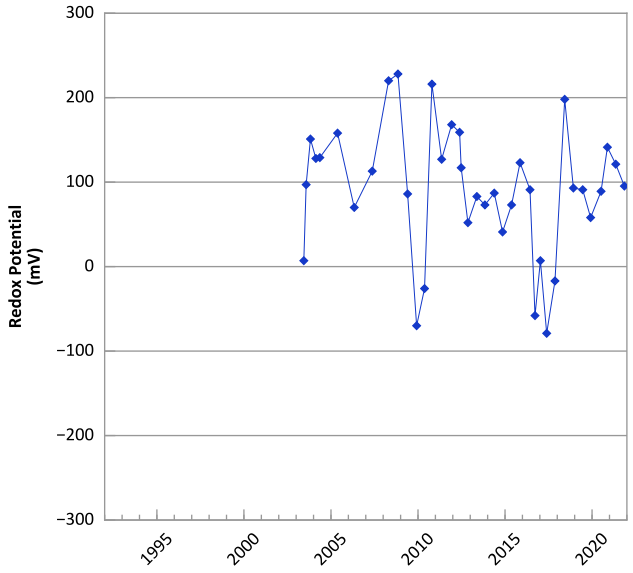
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

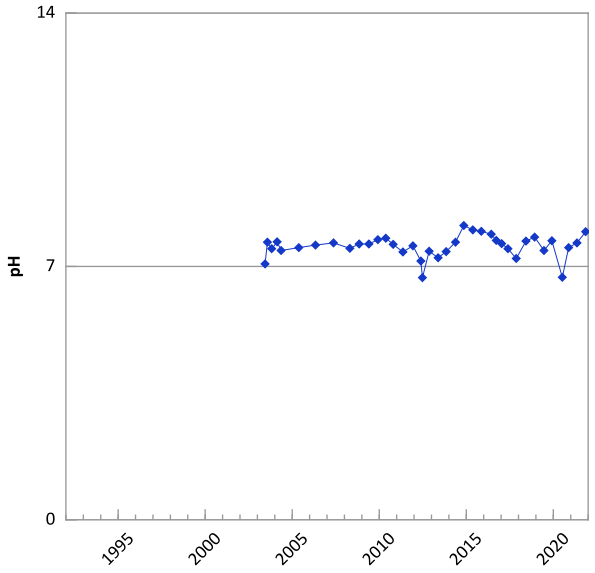
Well Location

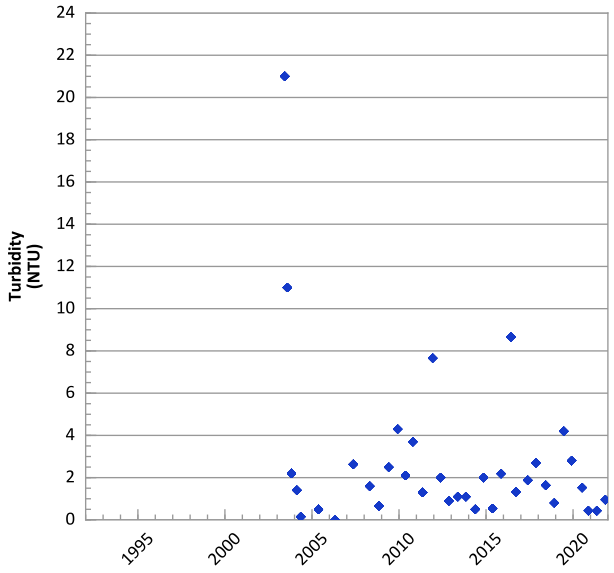


PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



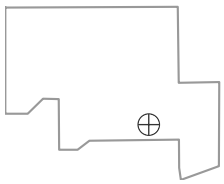






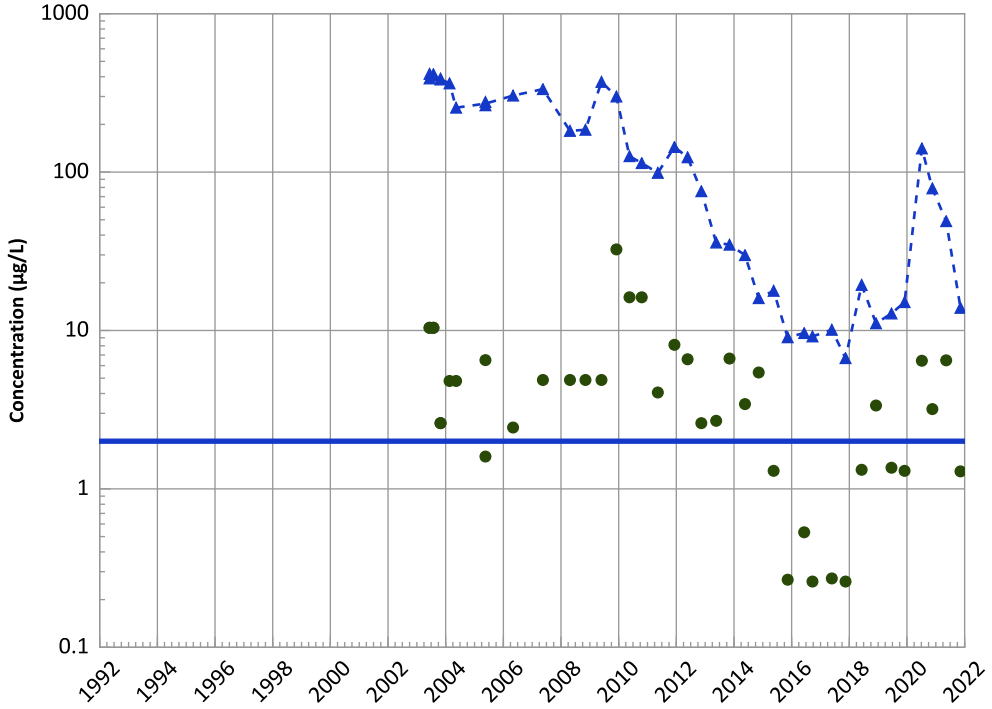
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

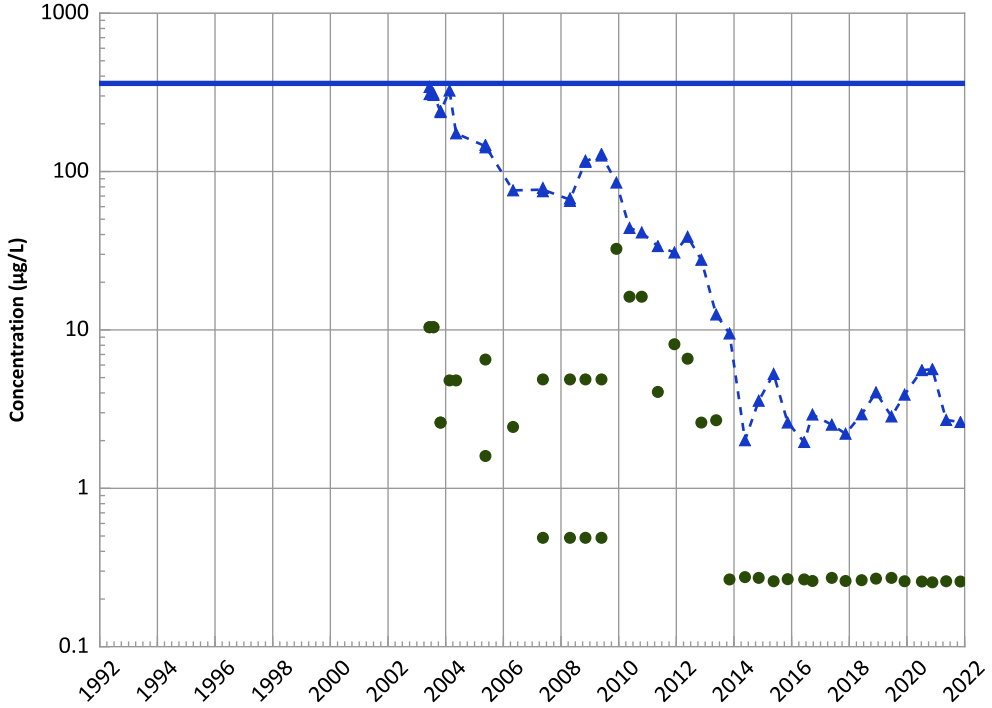


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

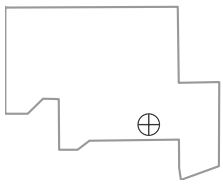
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

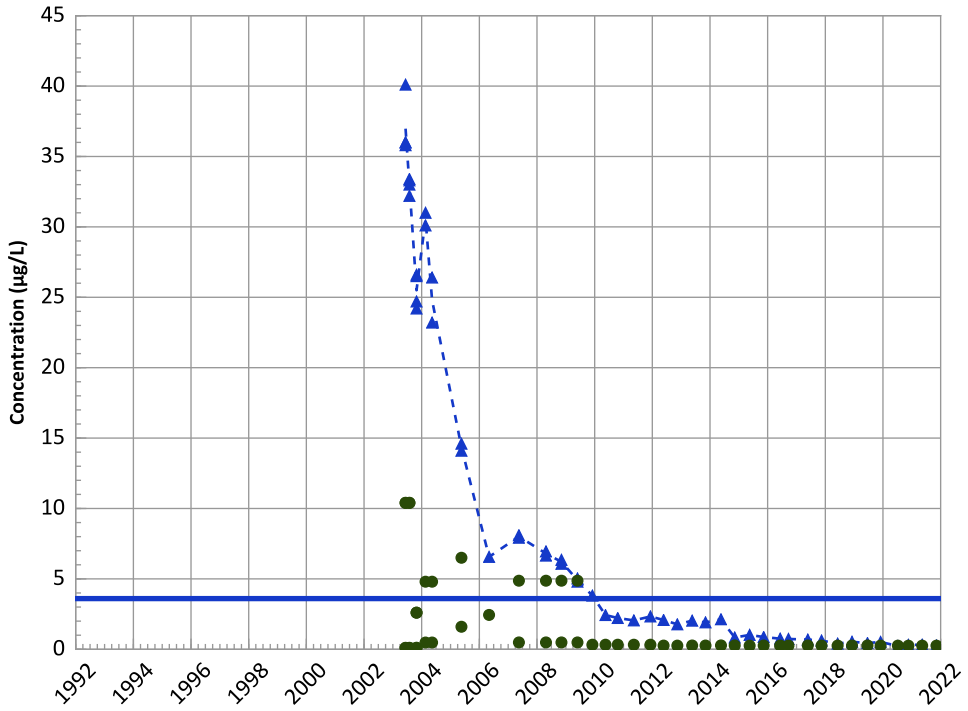
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

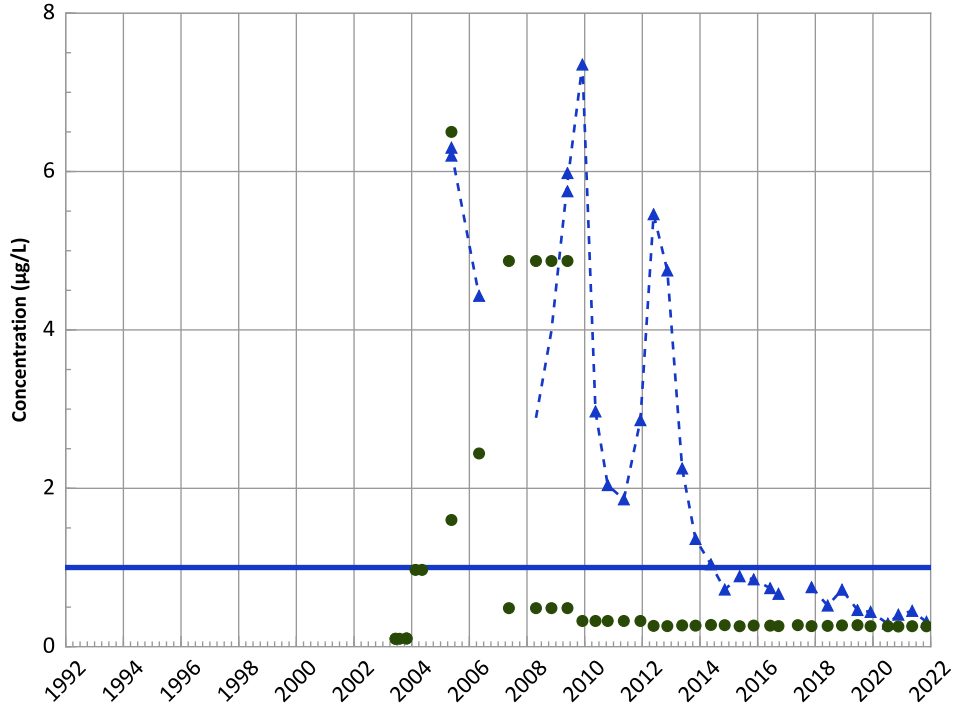


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

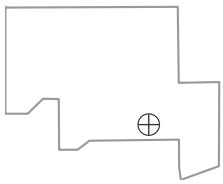
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

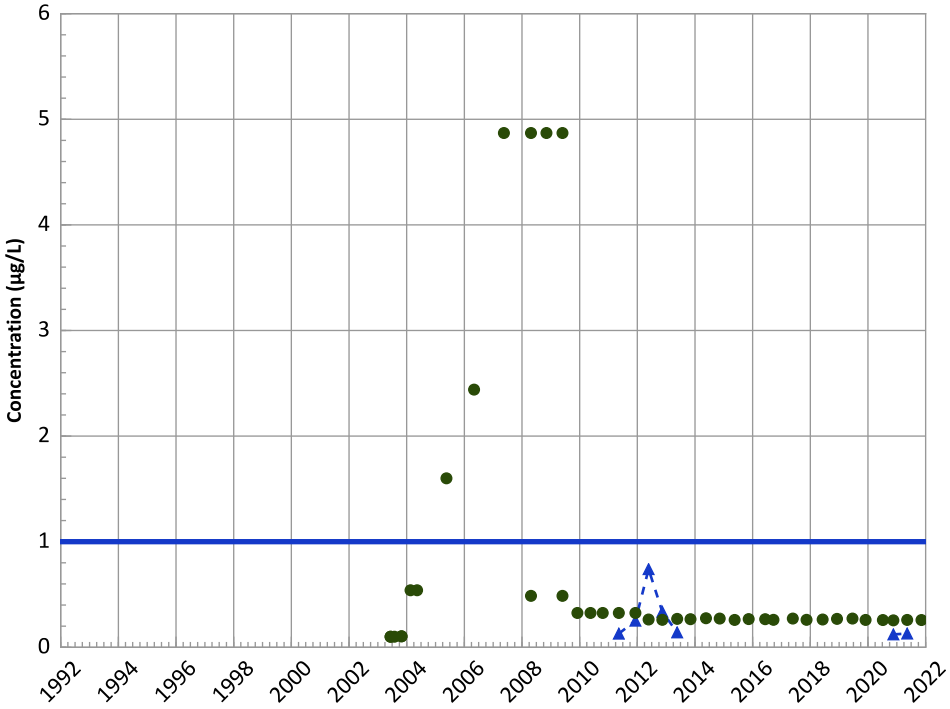
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

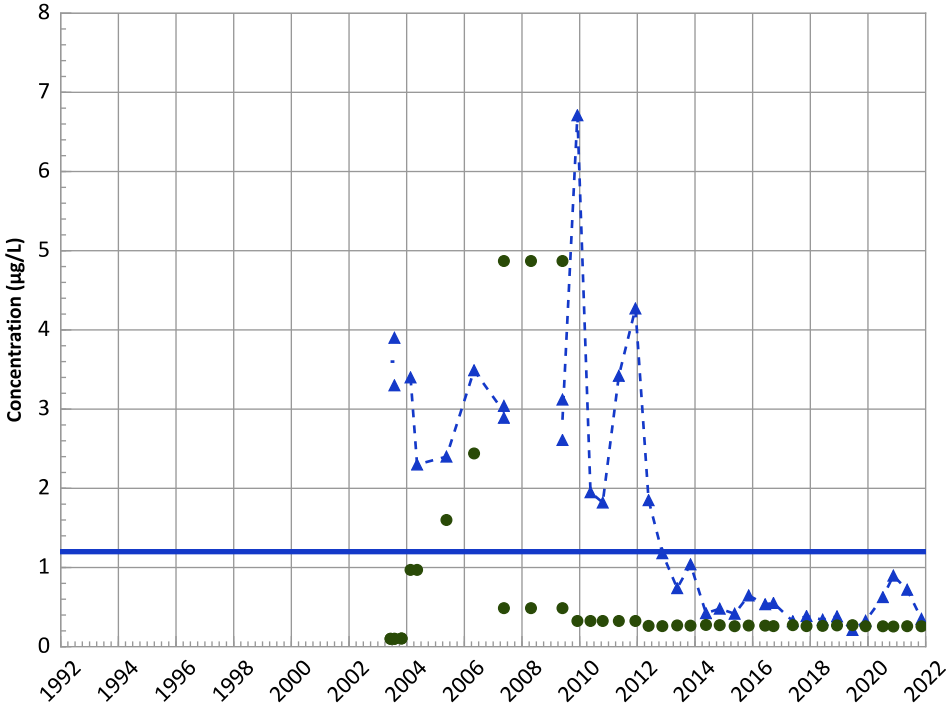


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

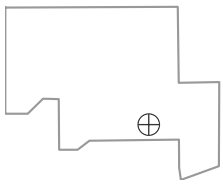
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

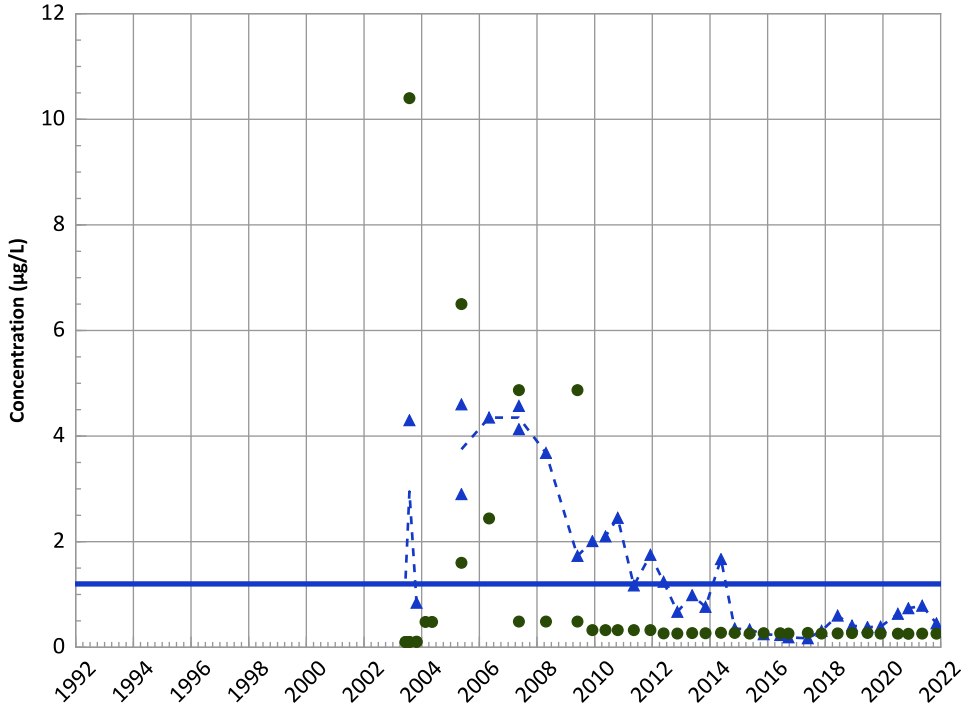
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

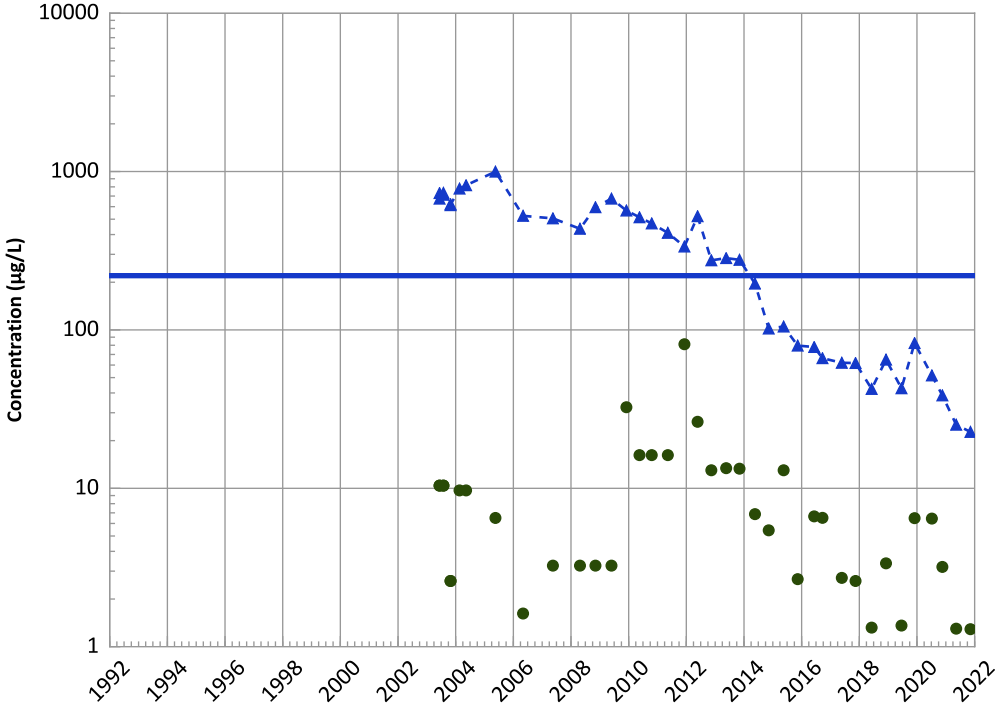


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

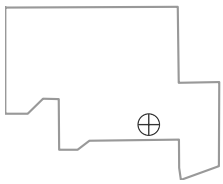
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

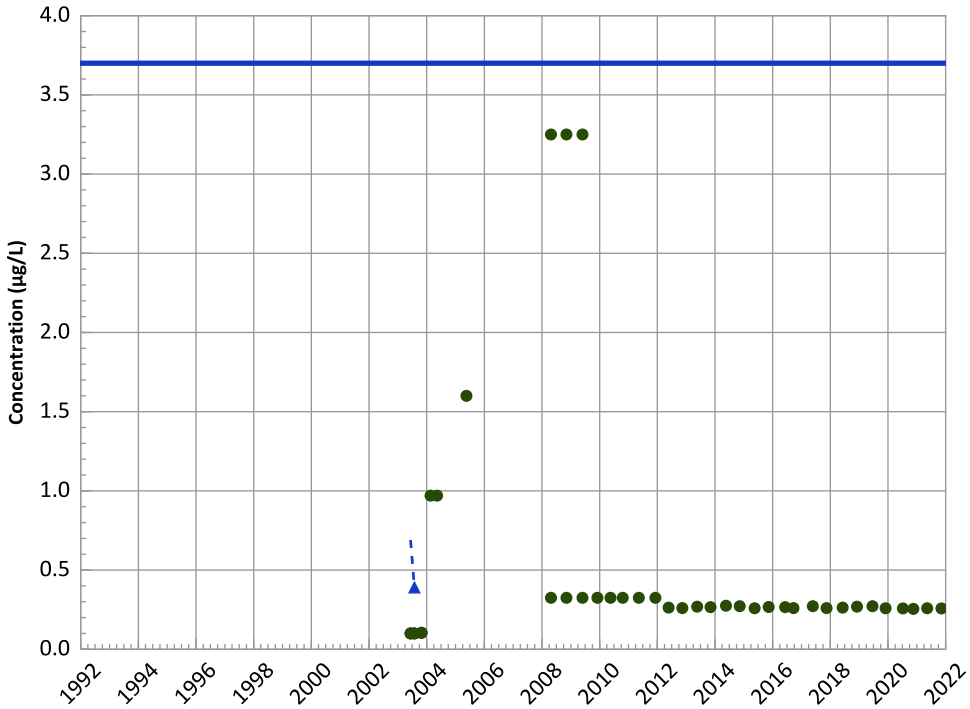
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

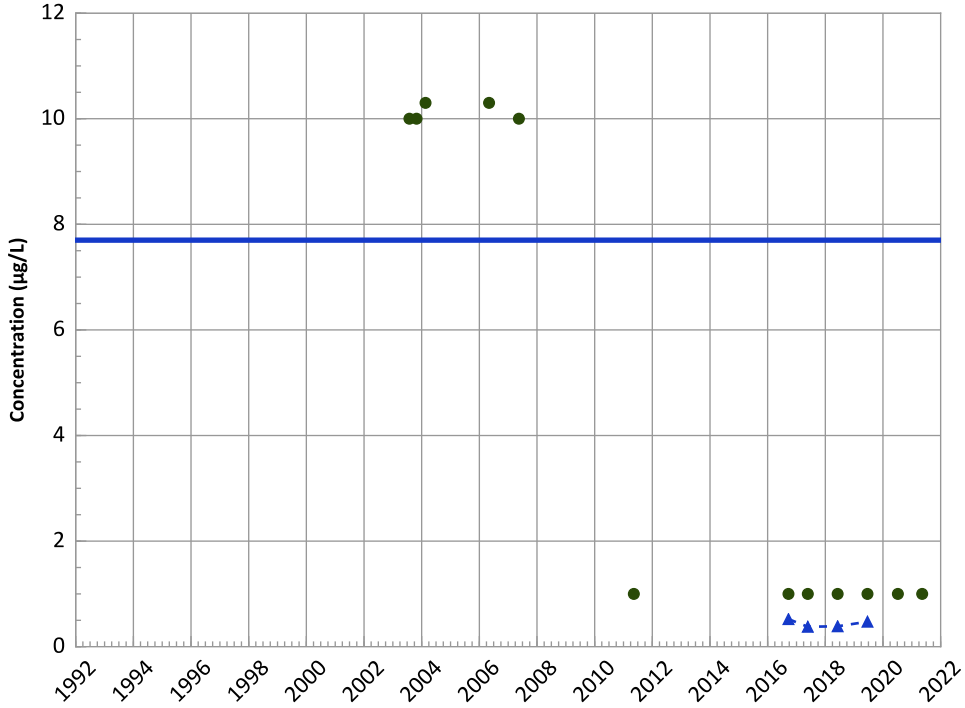


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

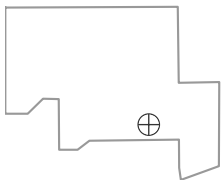
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

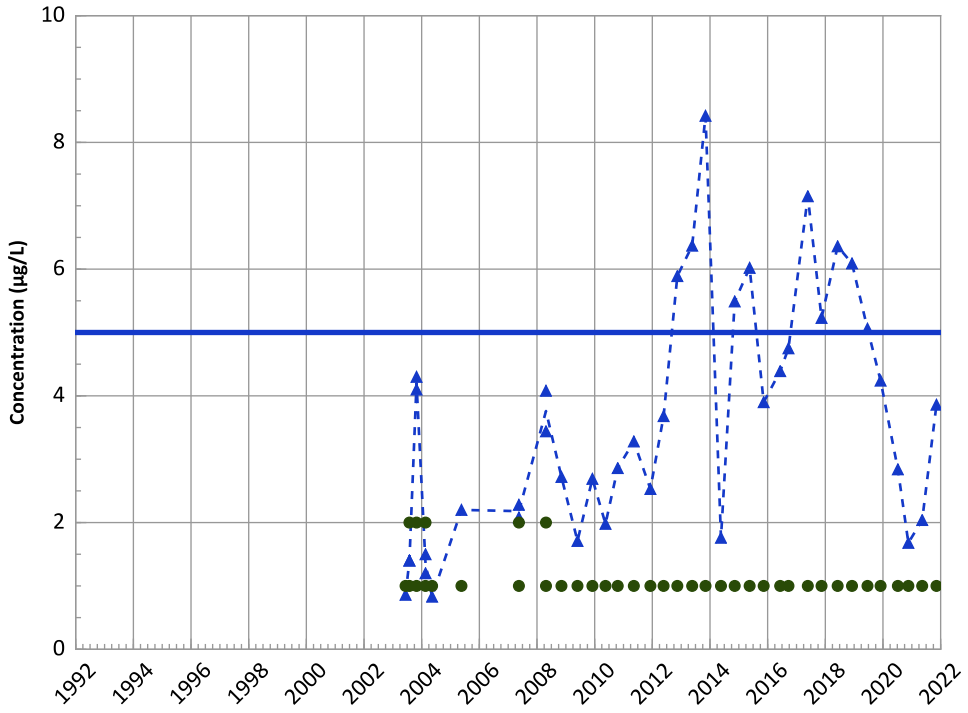
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

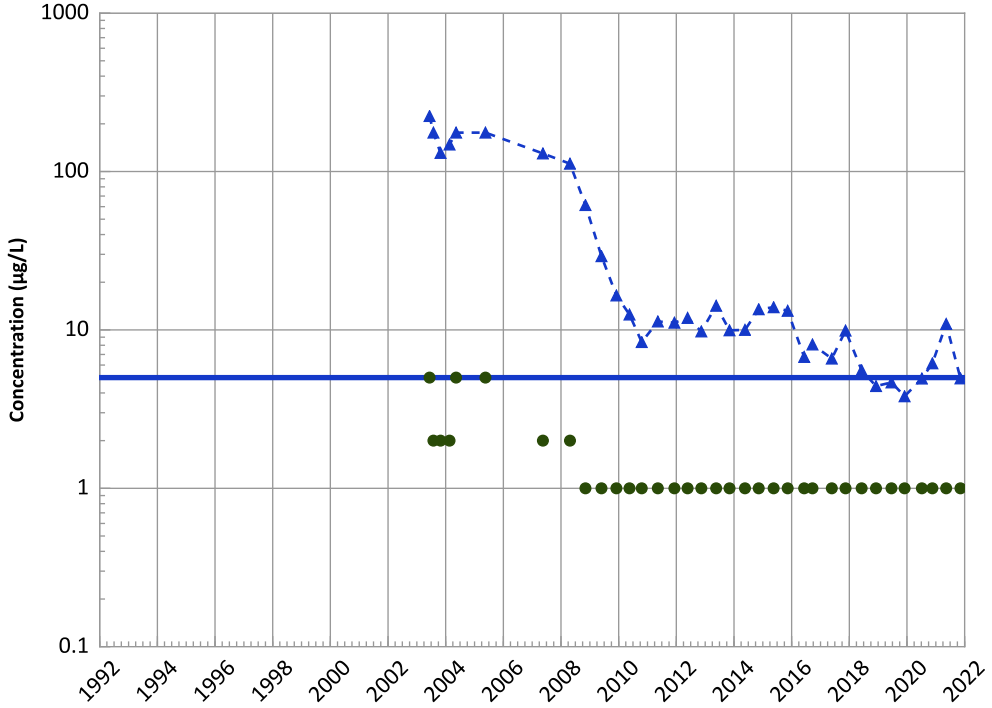


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

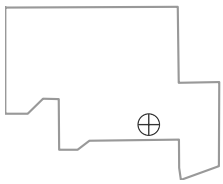
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

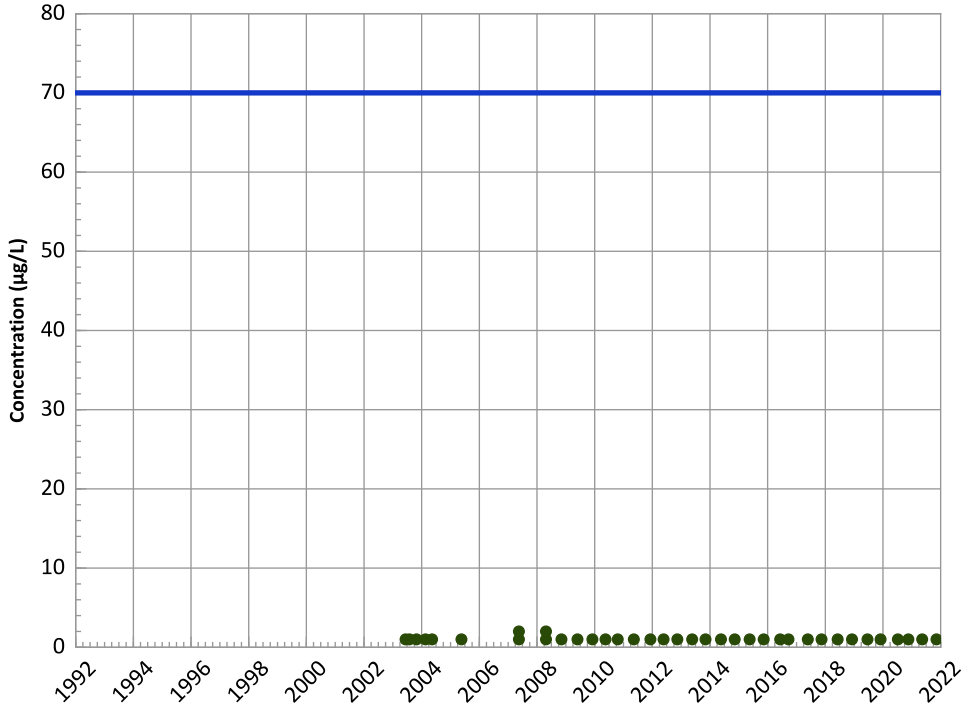
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

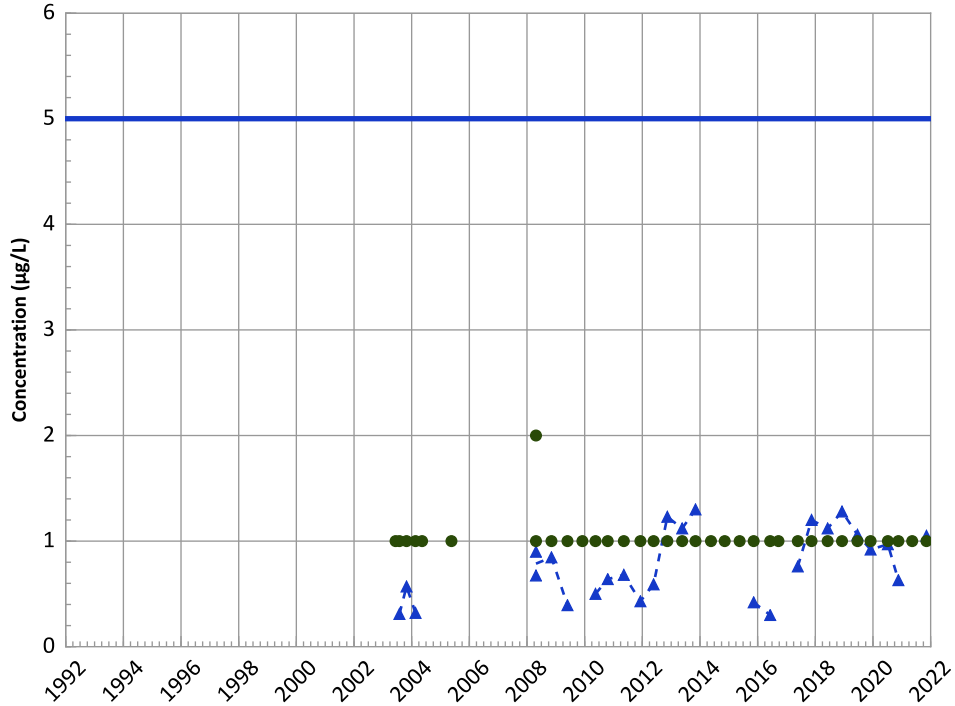


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

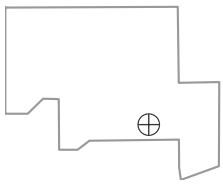
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

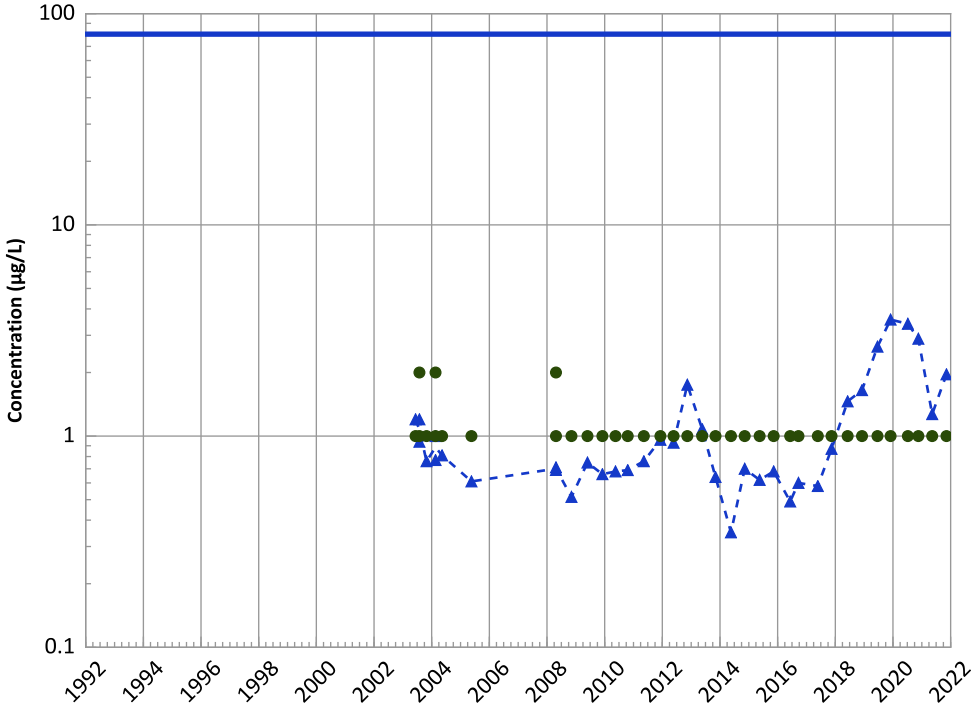
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

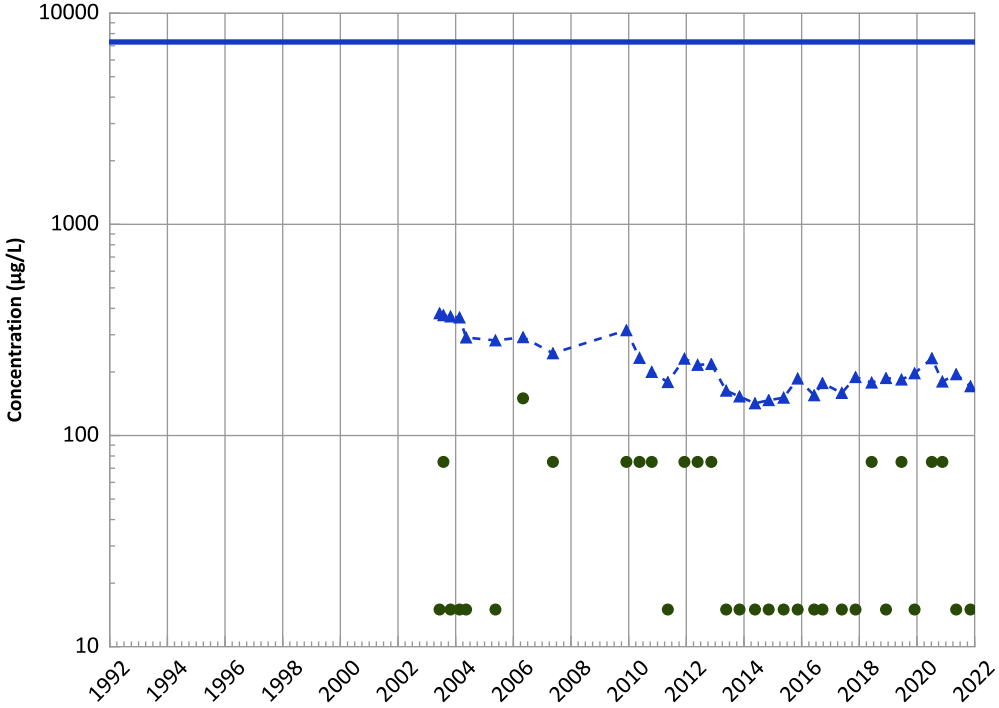


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Boron Trend



Concentration Trend

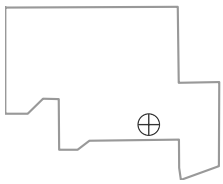
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

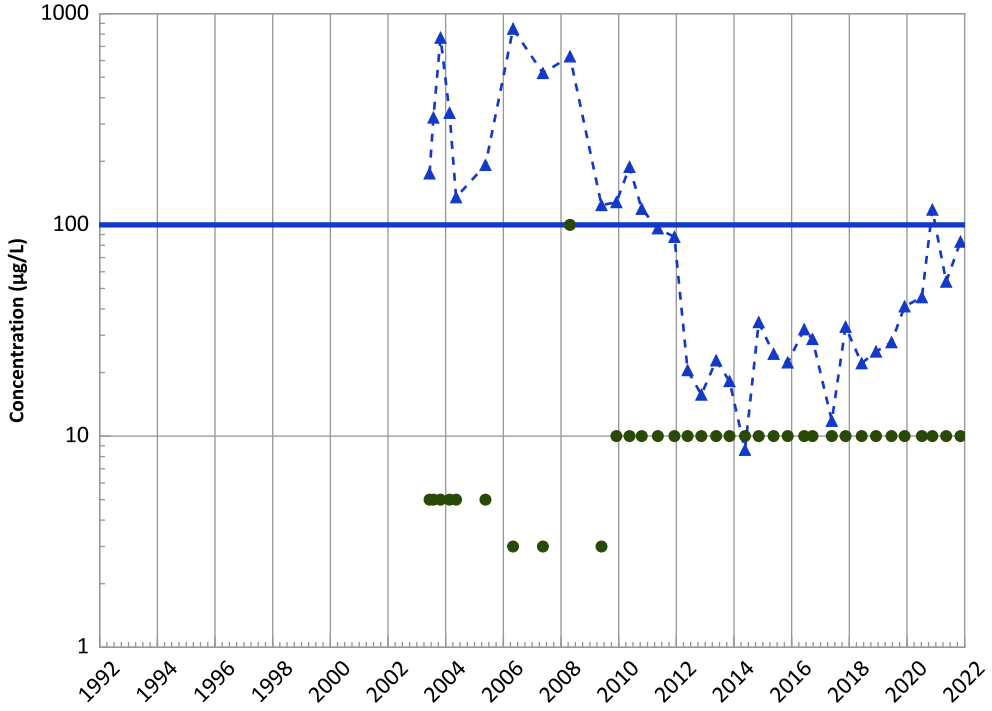
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

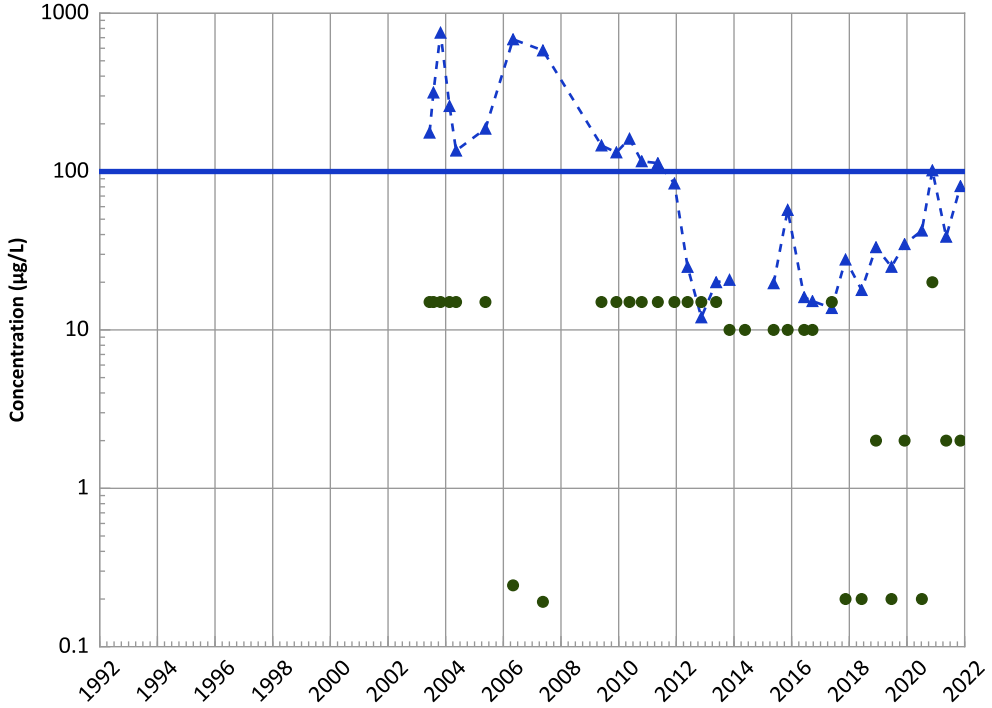


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

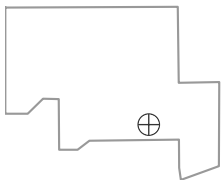
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

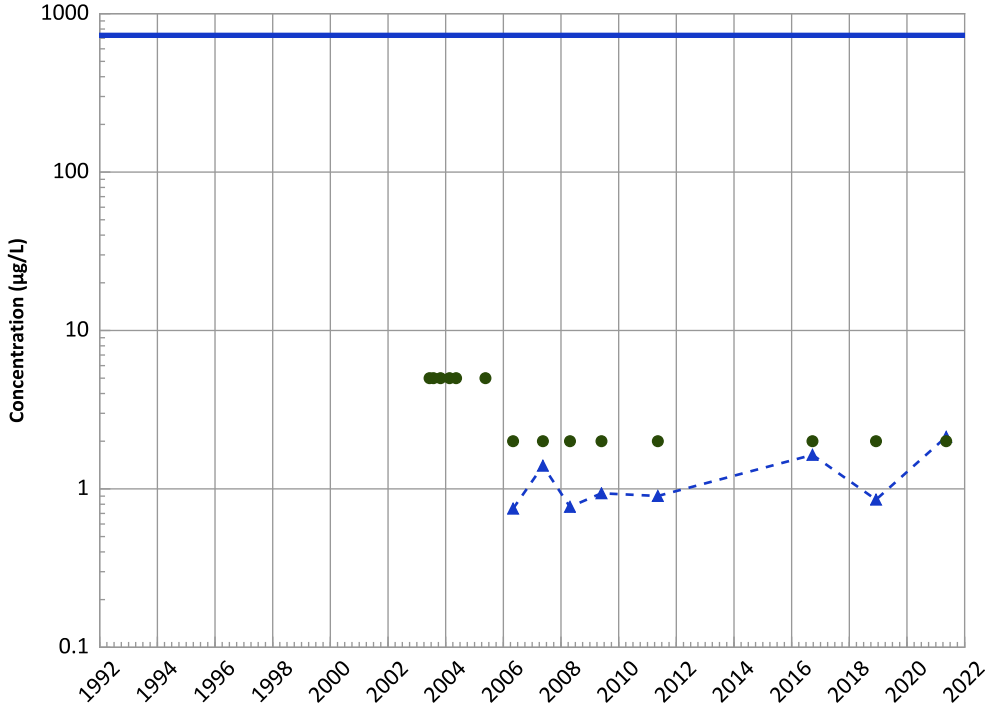
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

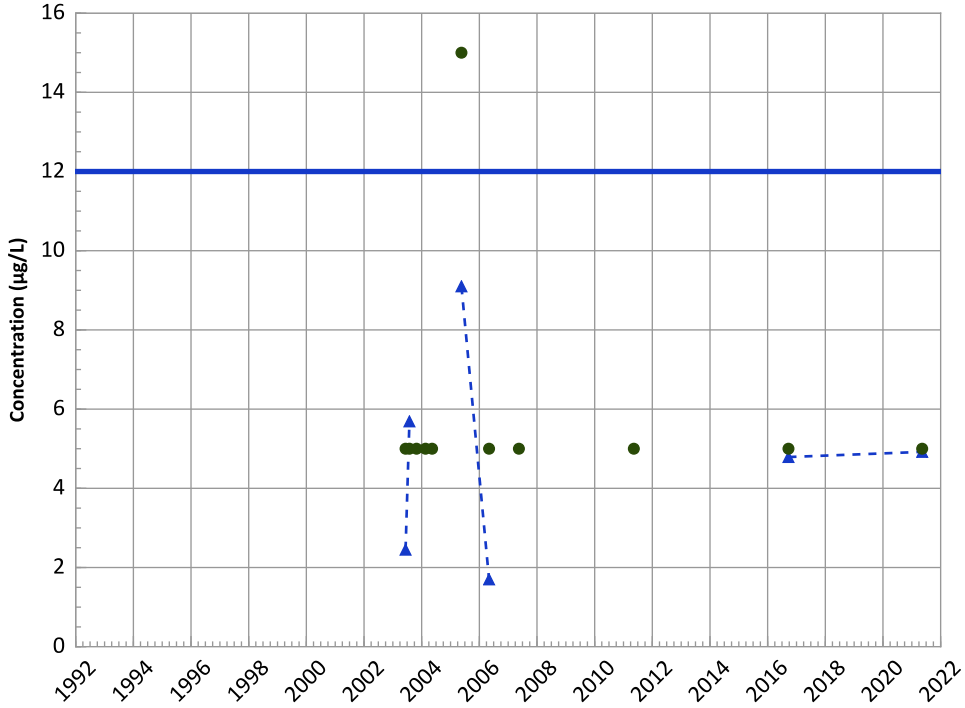


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Arsenic Trend



Concentration Trend

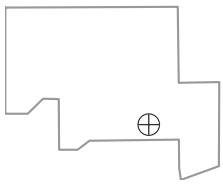
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

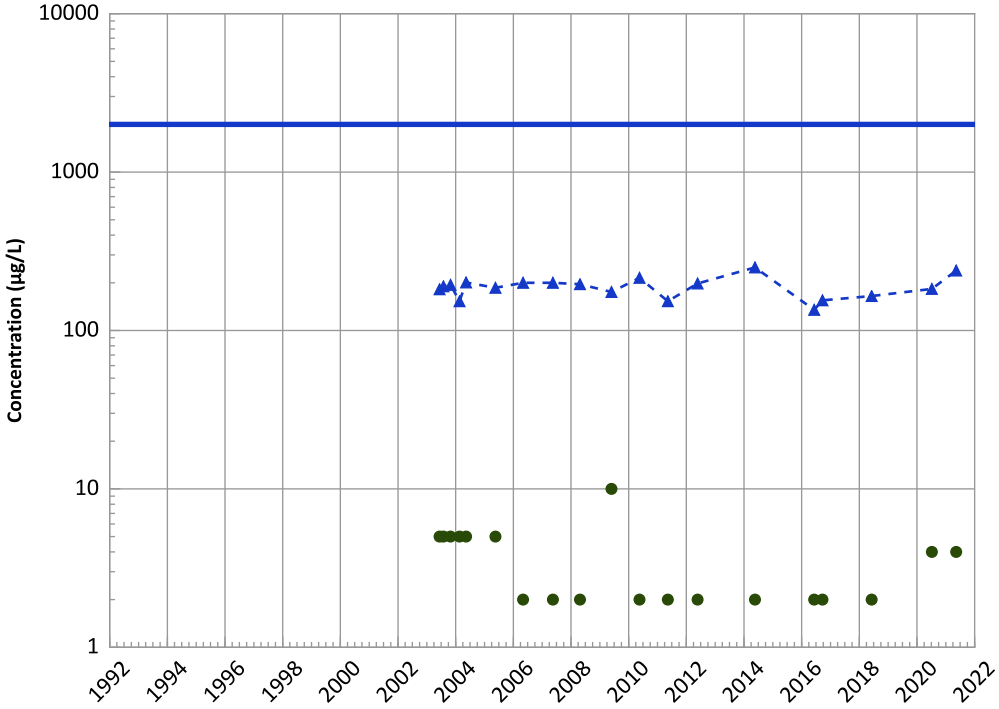
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1088 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

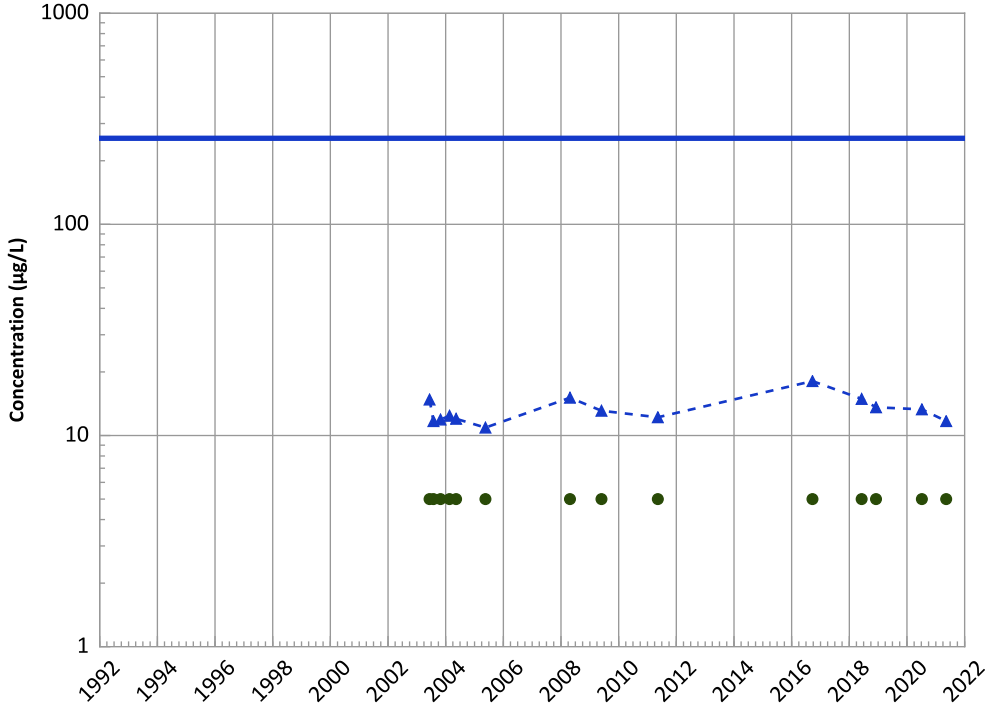


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Vanadium Trend



Concentration Trend

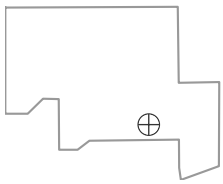
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

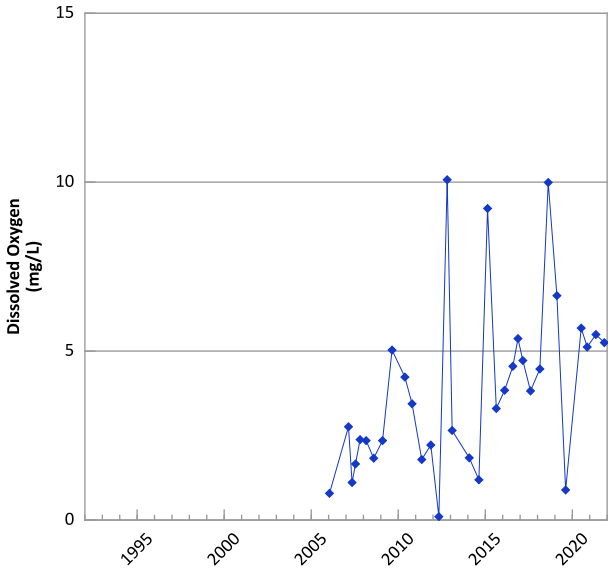
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/11/2003 to 11/09/2021
Analysis Date: 04/05/2022

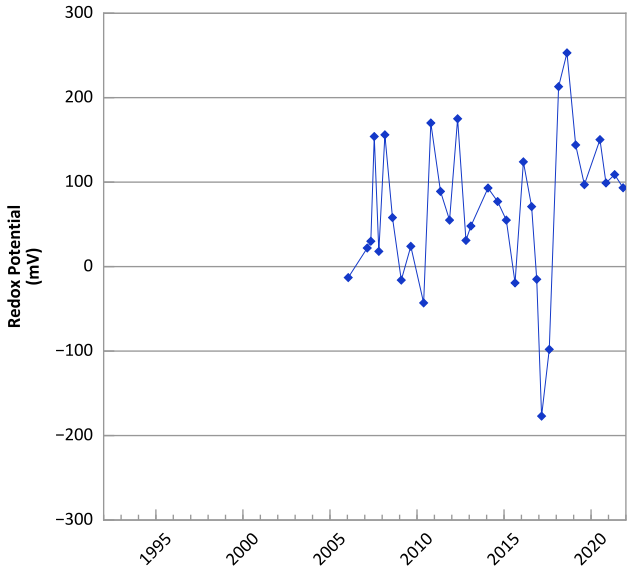
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

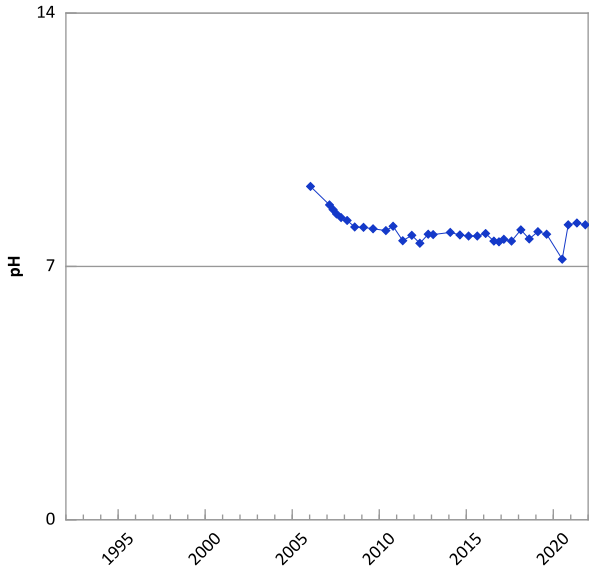
Well Location

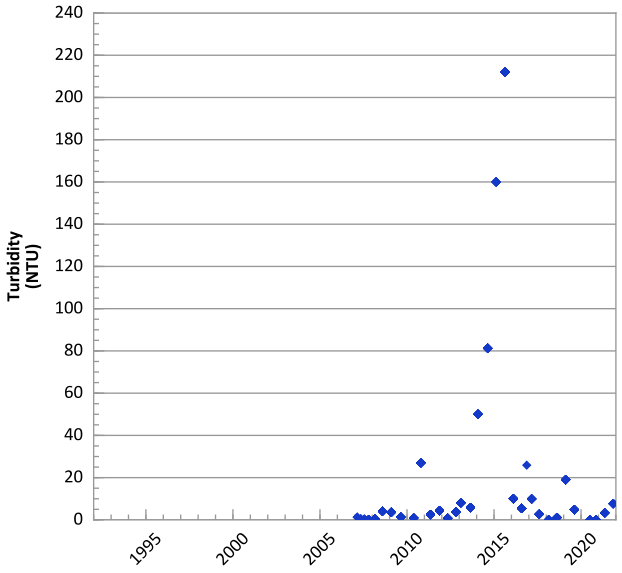


PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



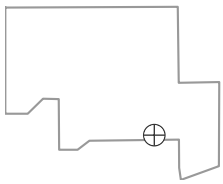






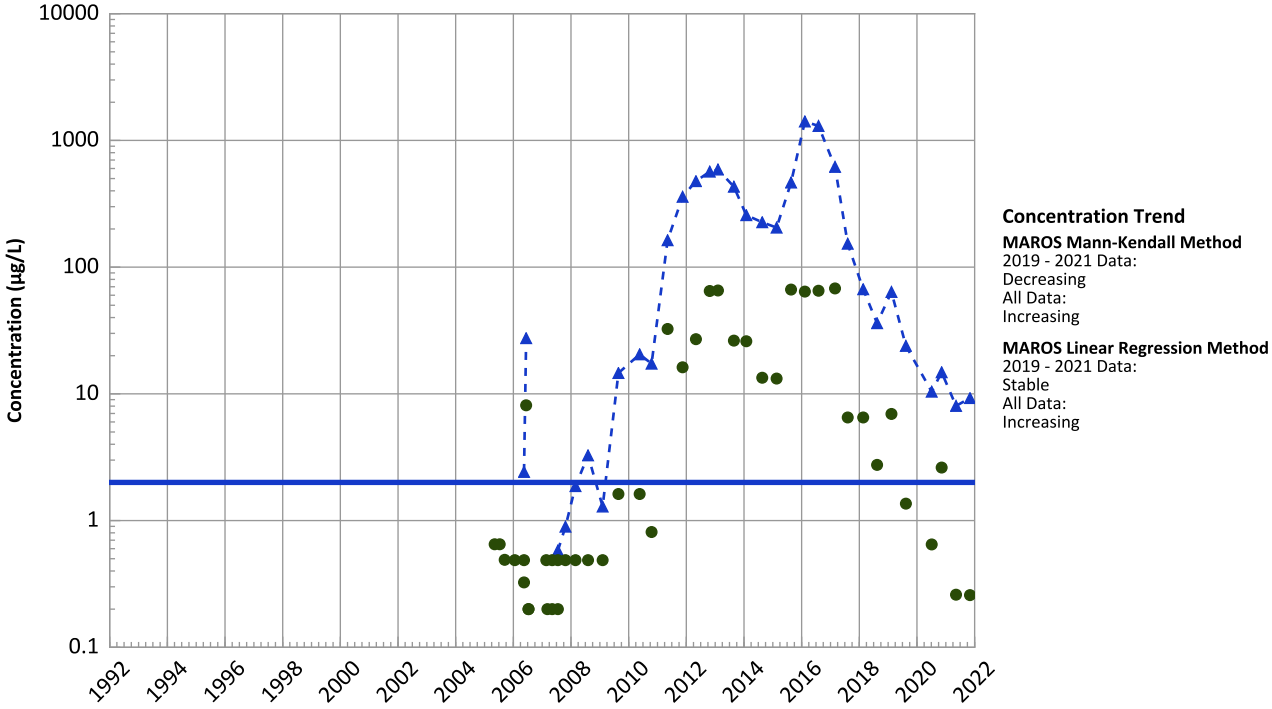
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

Well Location

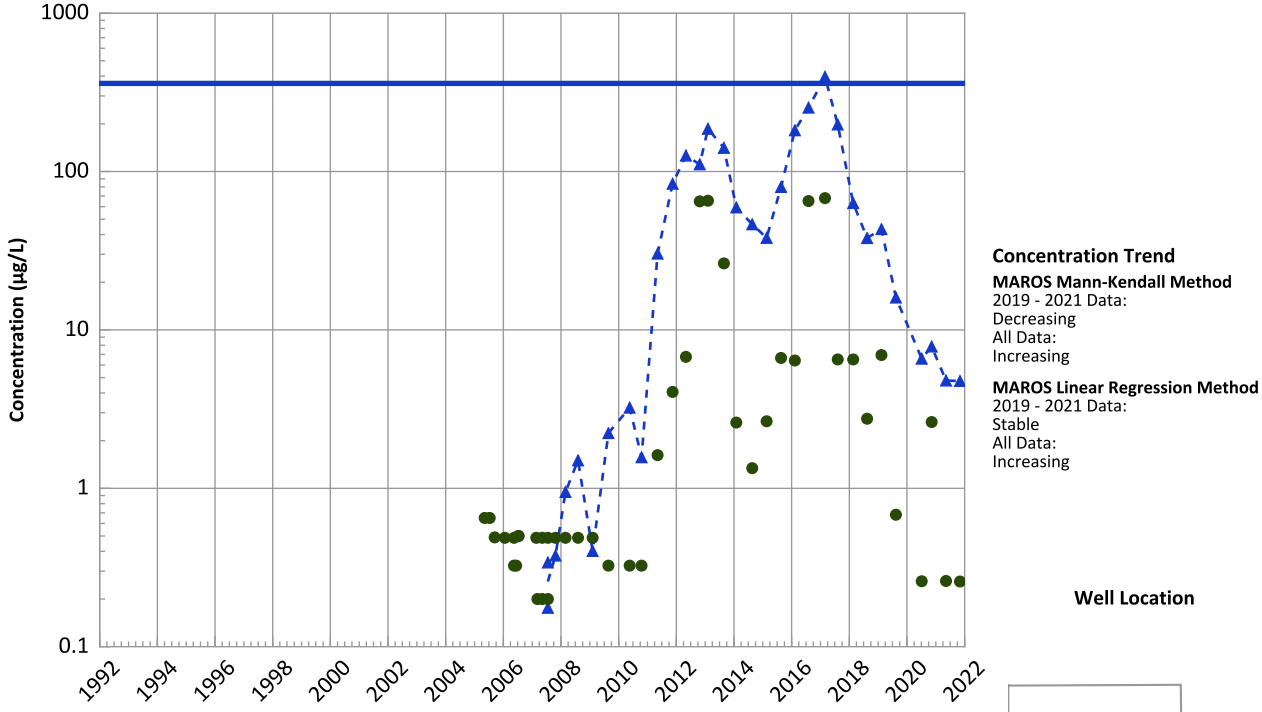


PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



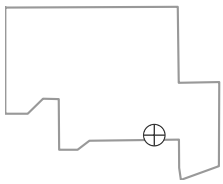
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

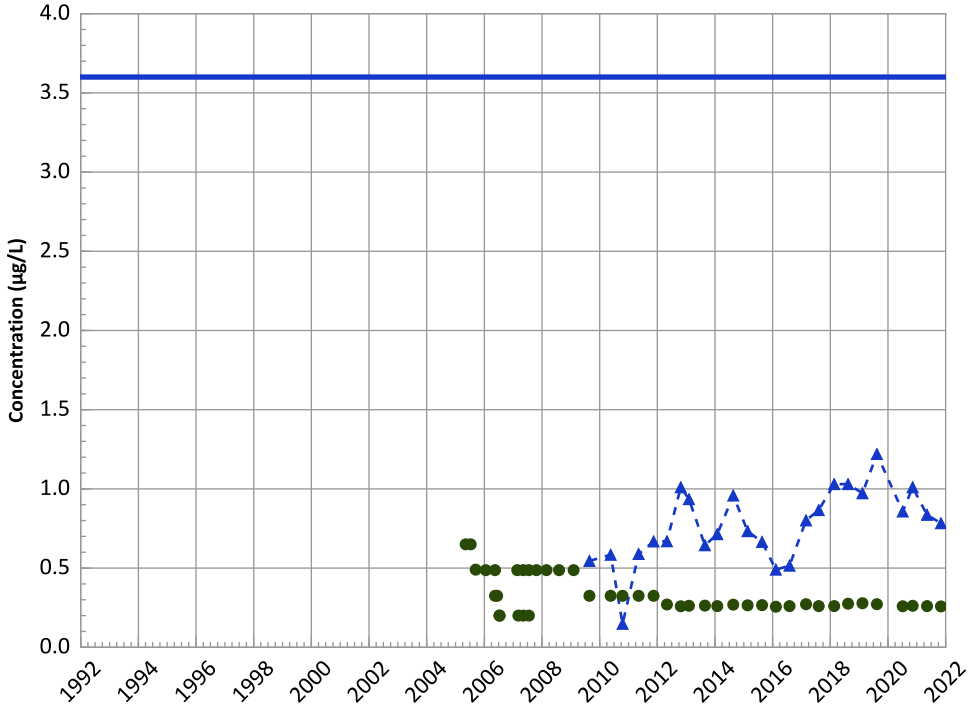
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

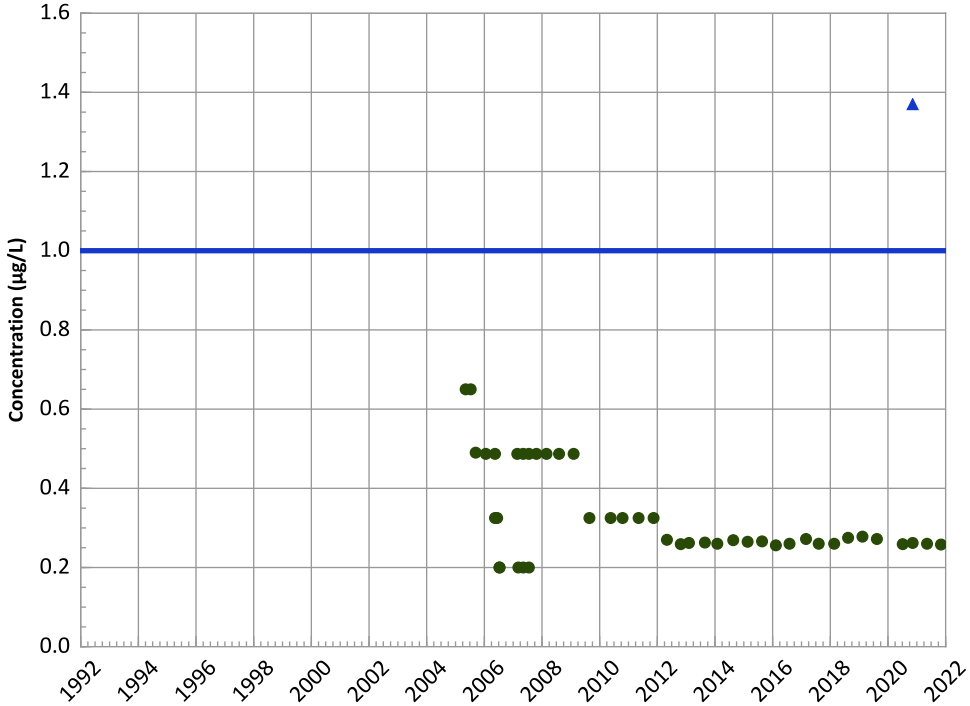


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

2,4-Dinitrotoluene Trend



Concentration Trend

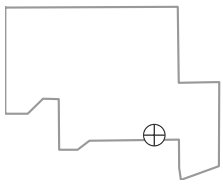
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

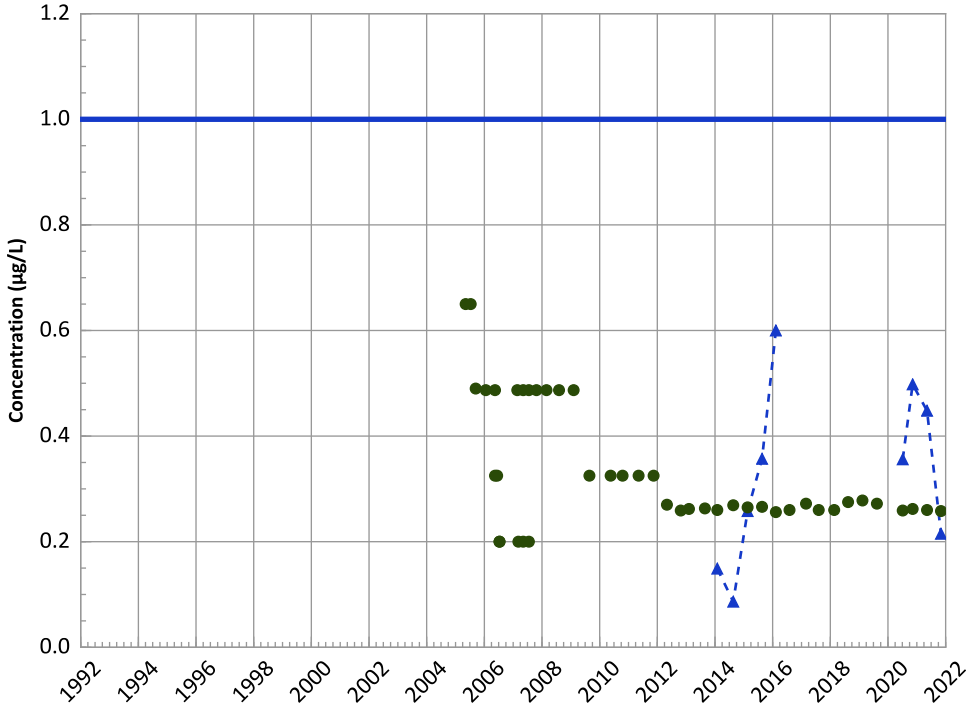
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

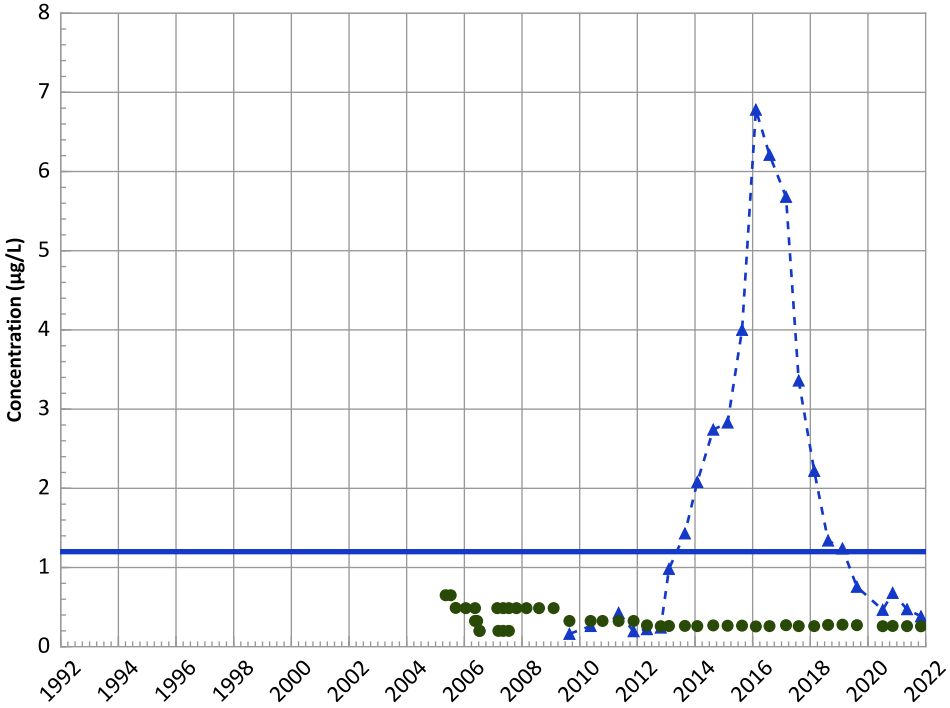


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

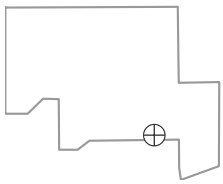
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

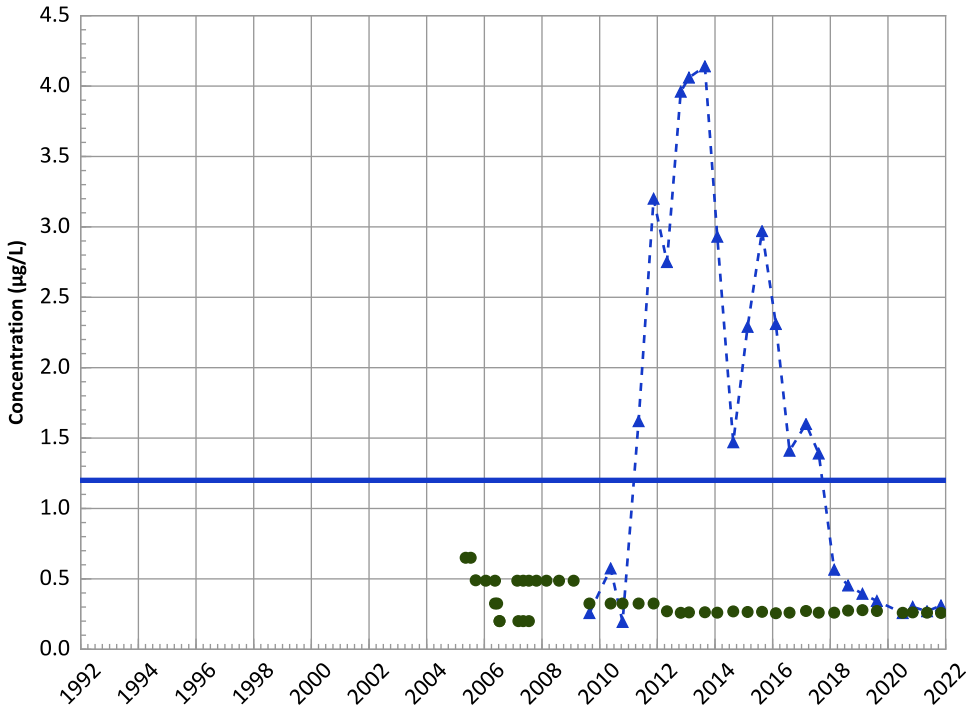
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

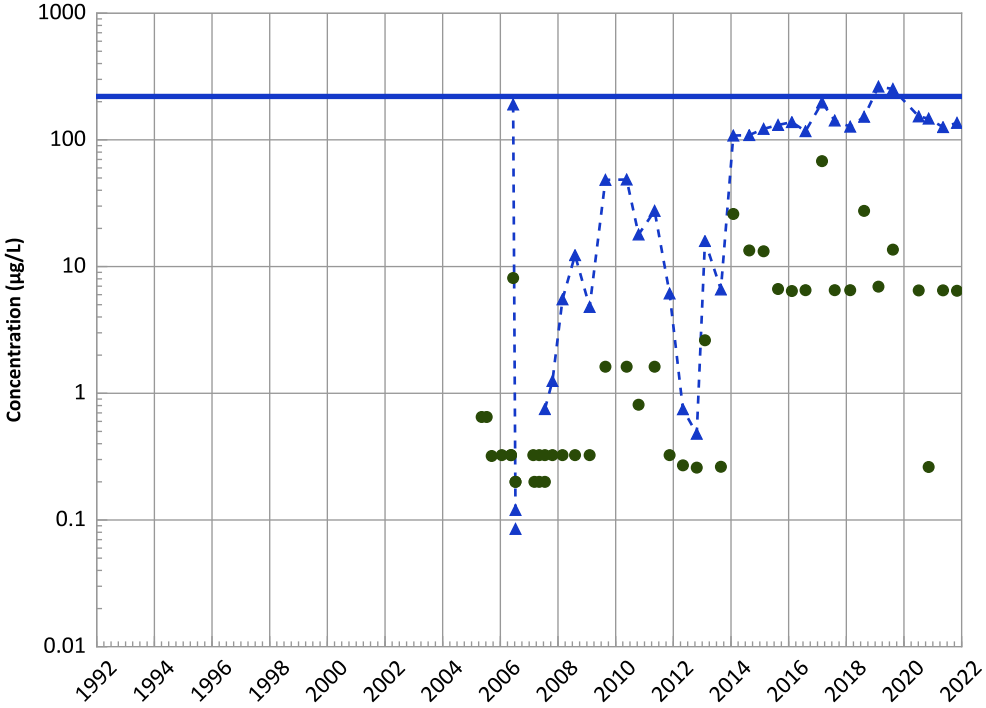


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

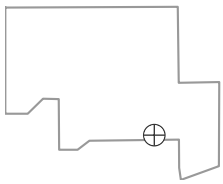
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

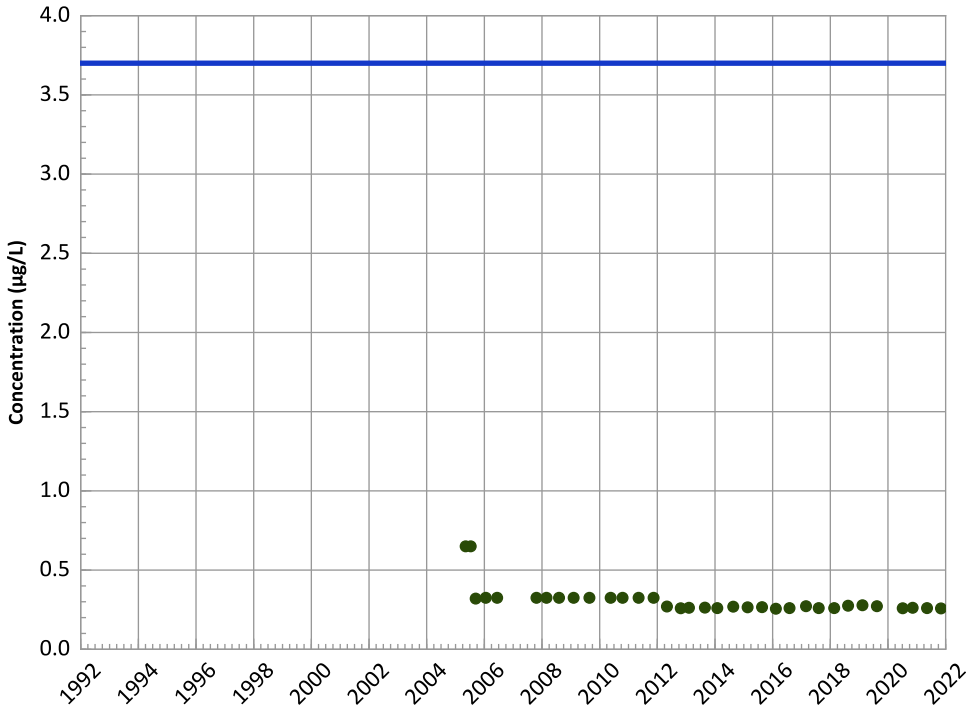
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

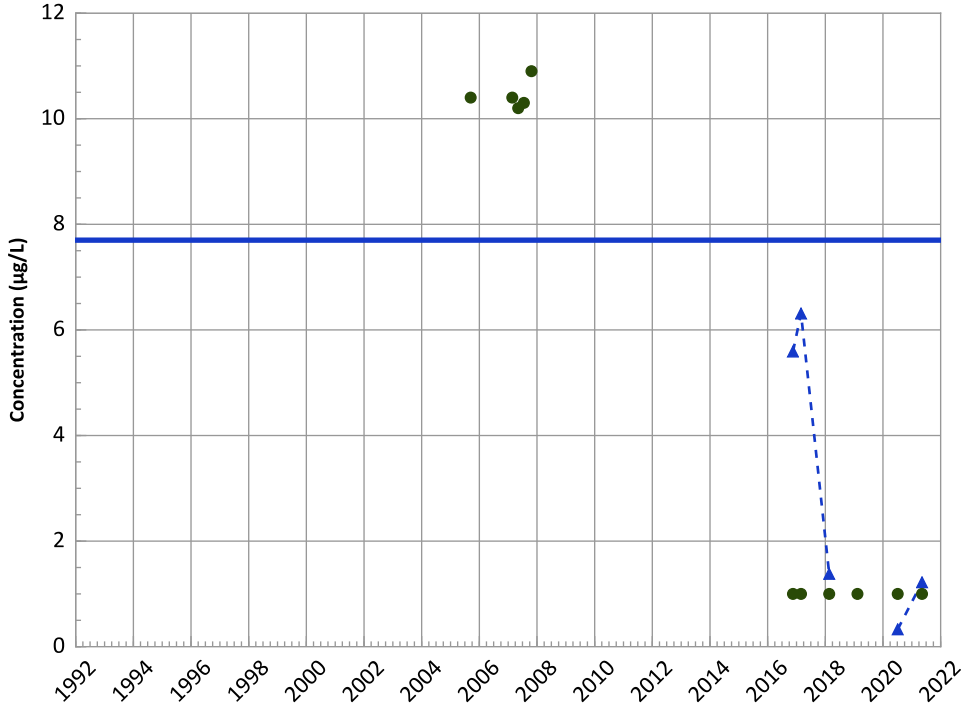


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

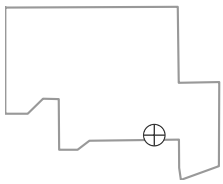
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

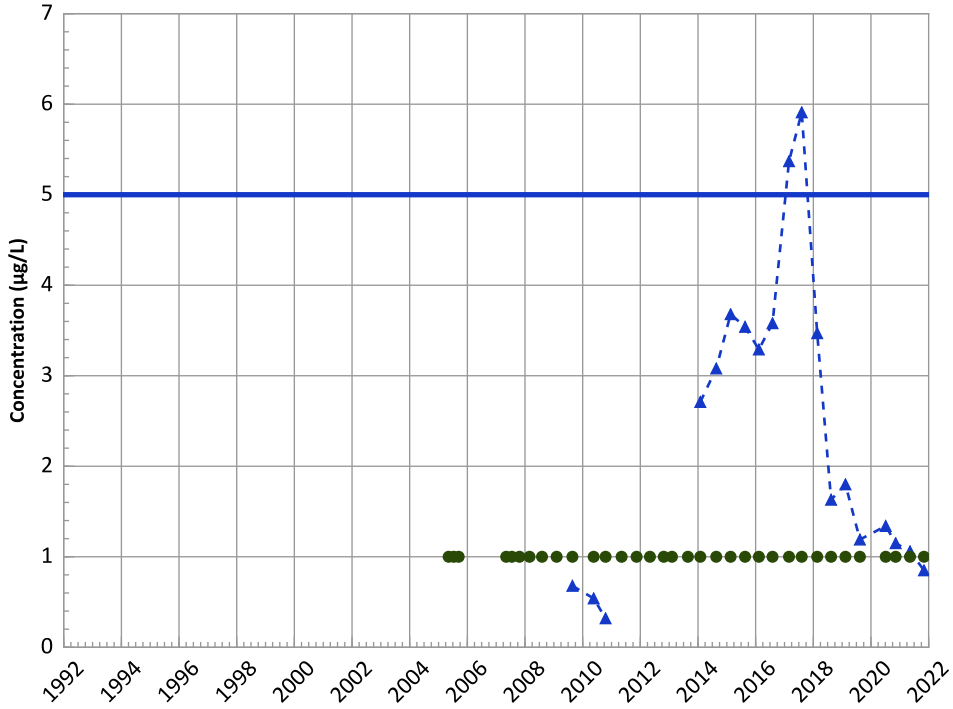
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

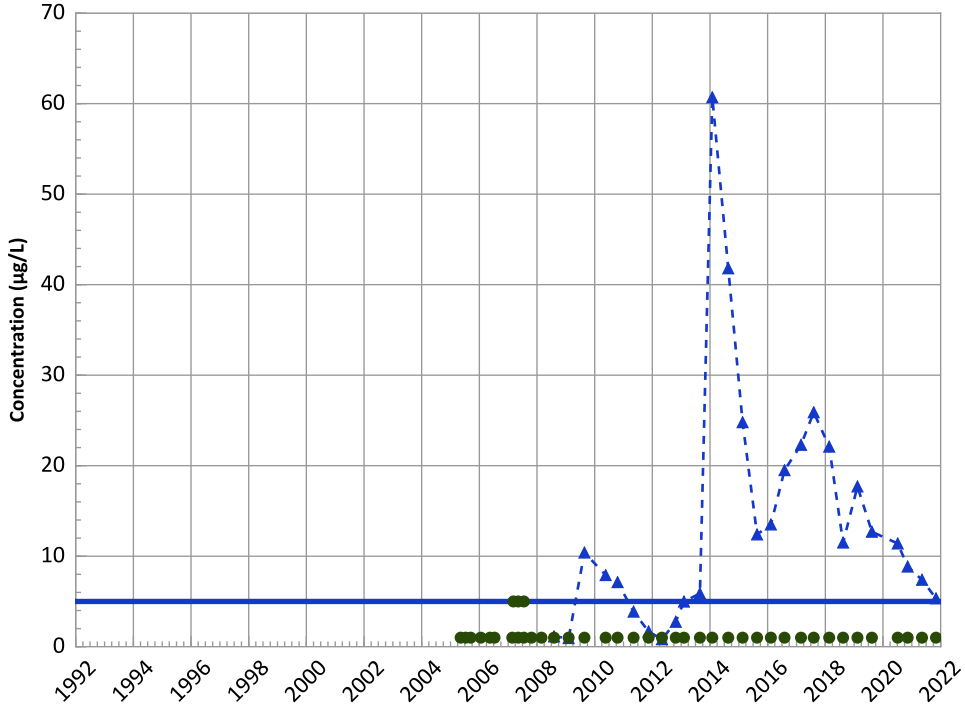


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

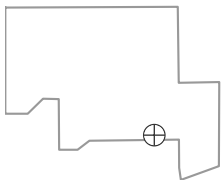
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

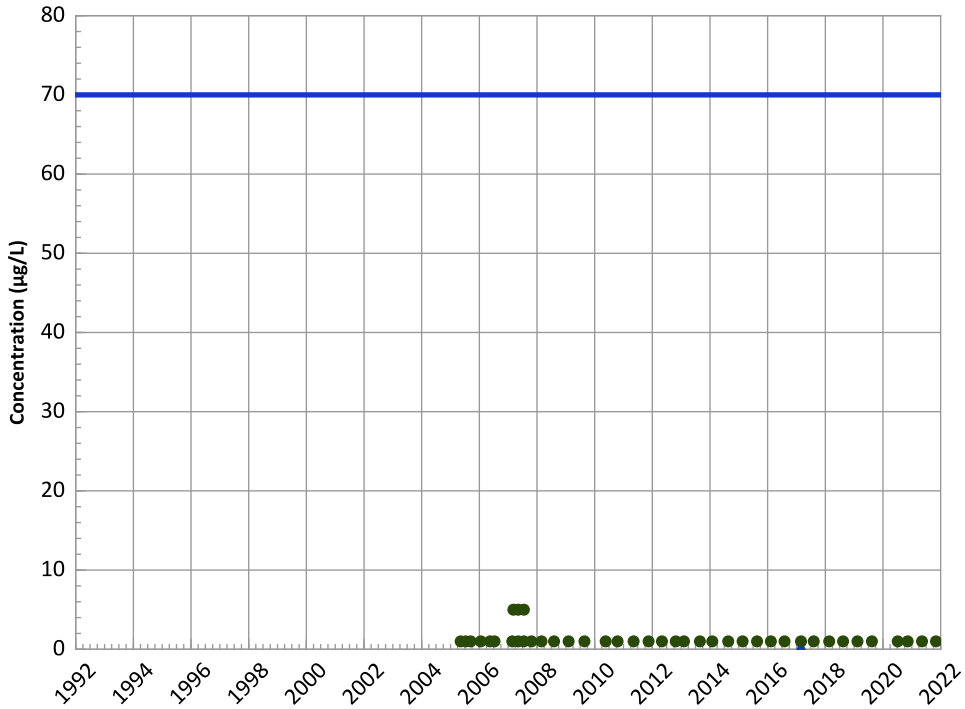
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

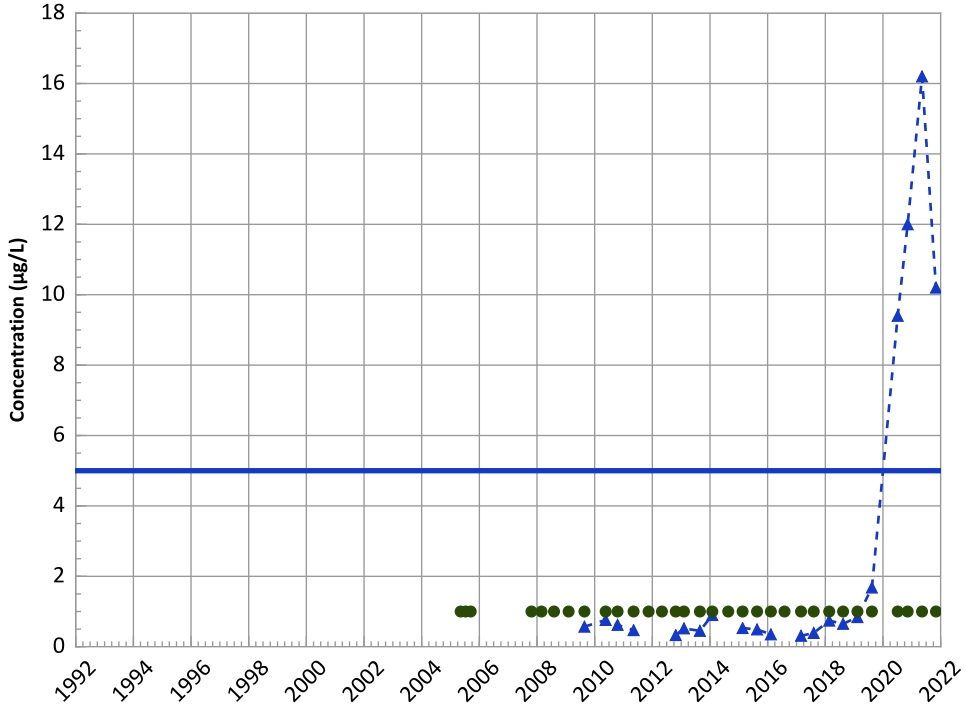


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

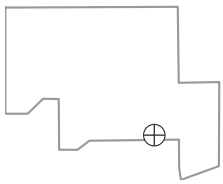
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

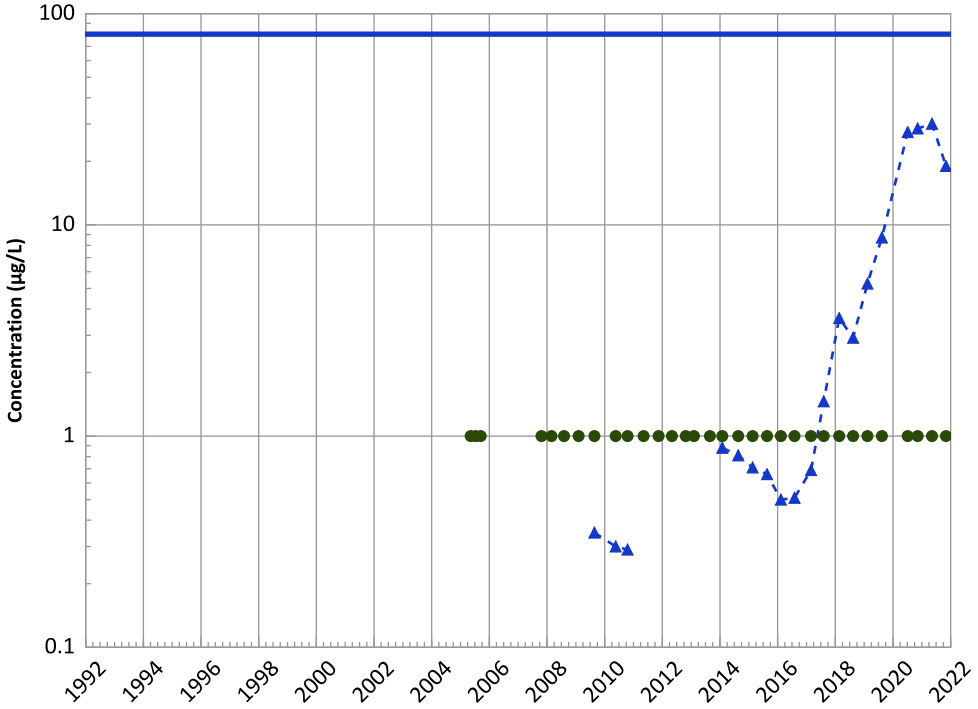
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

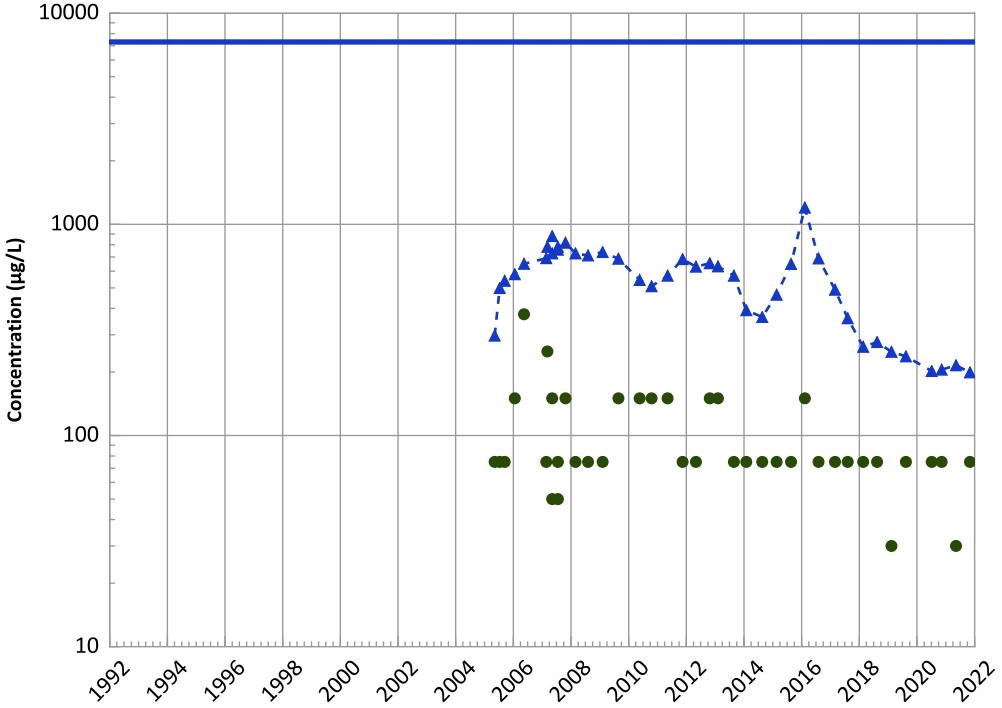


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Boron Trend



Concentration Trend

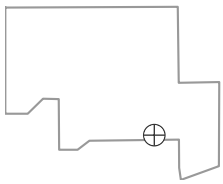
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

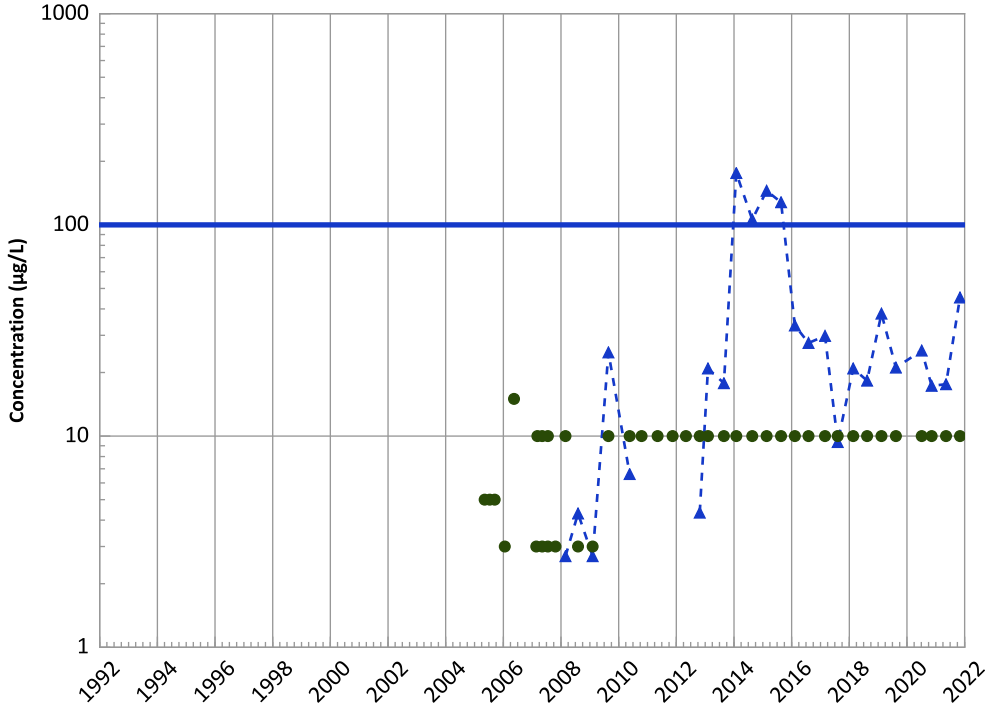
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

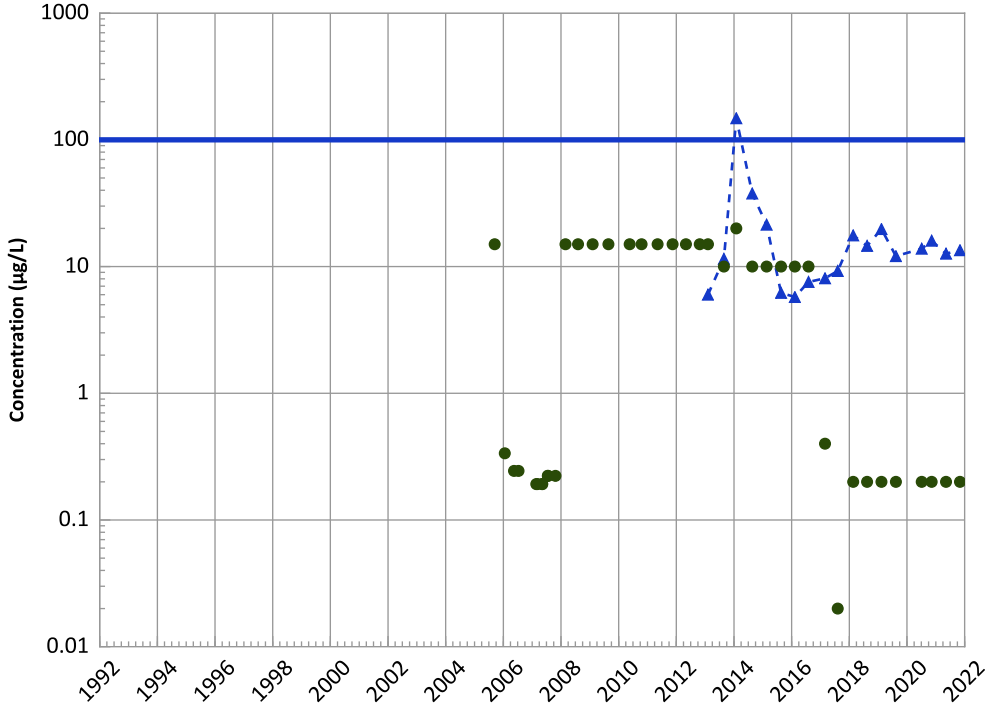


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Hexavalent Trend



Concentration Trend

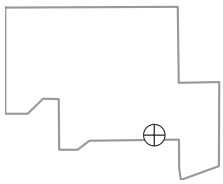
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

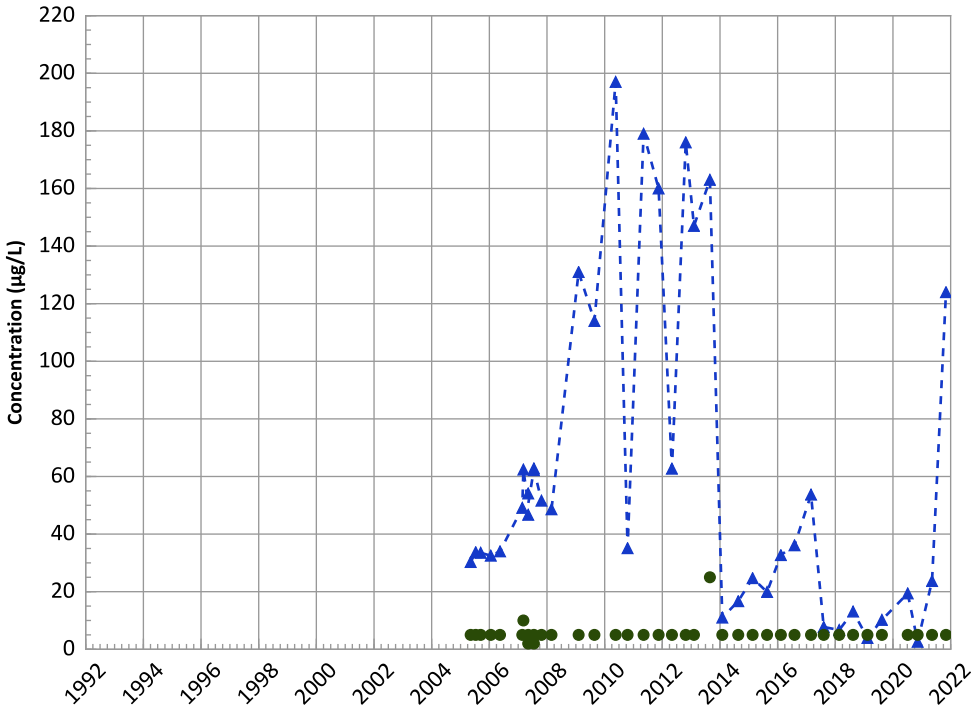
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

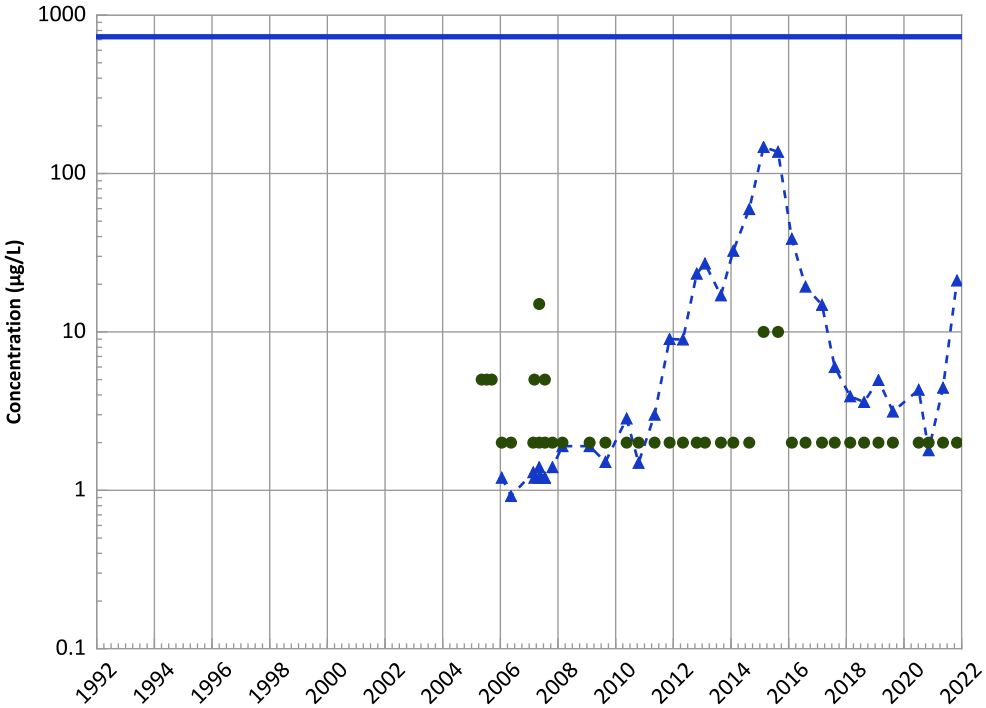


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Nickel Trend



Concentration Trend

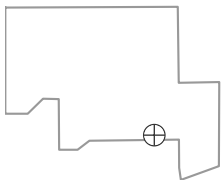
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

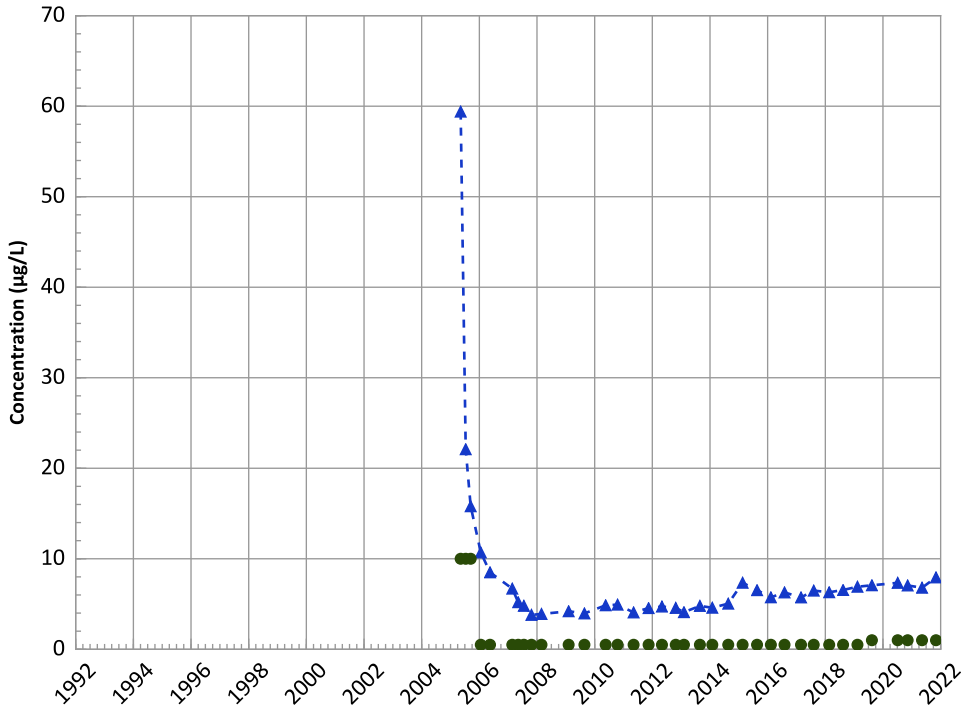
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

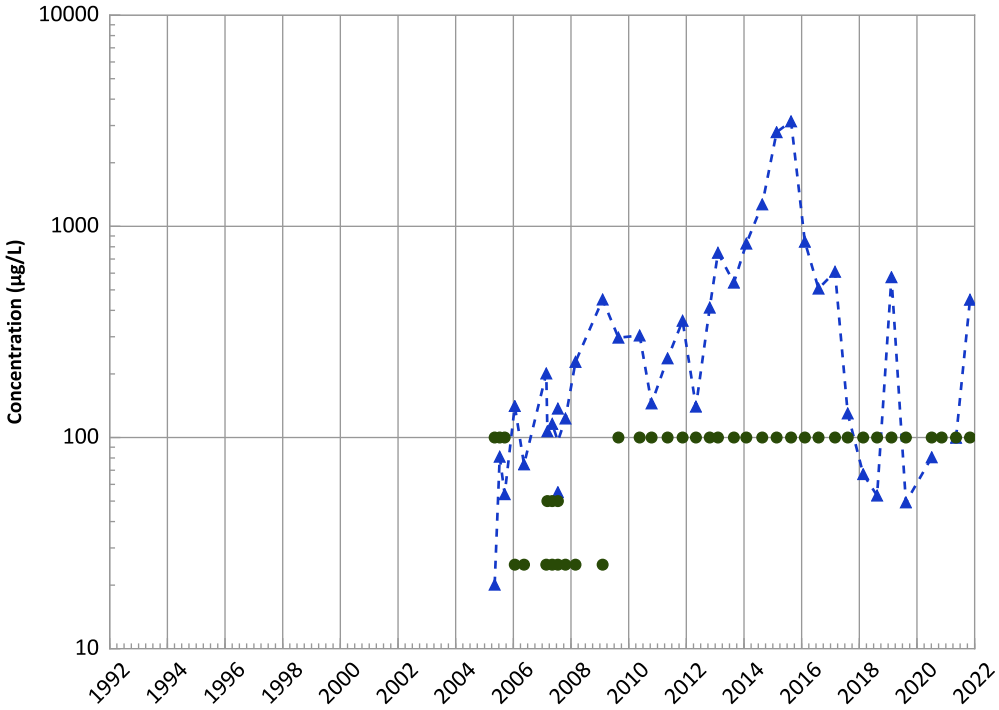


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Iron Trend



Concentration Trend

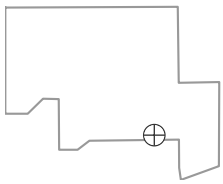
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

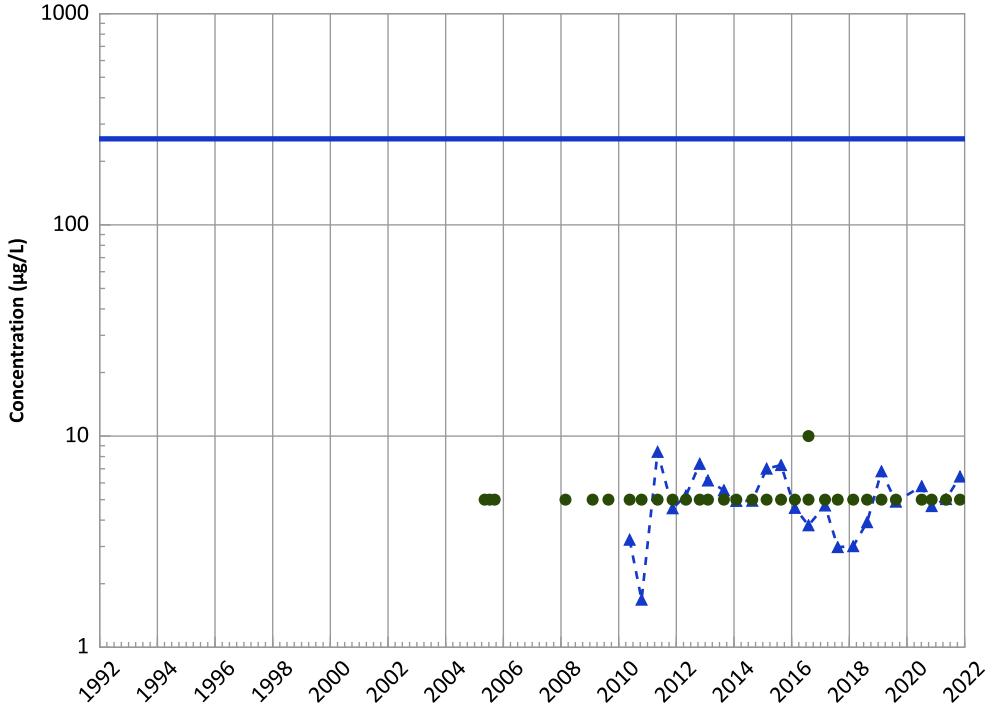
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1095A in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

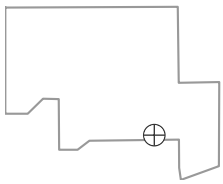
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

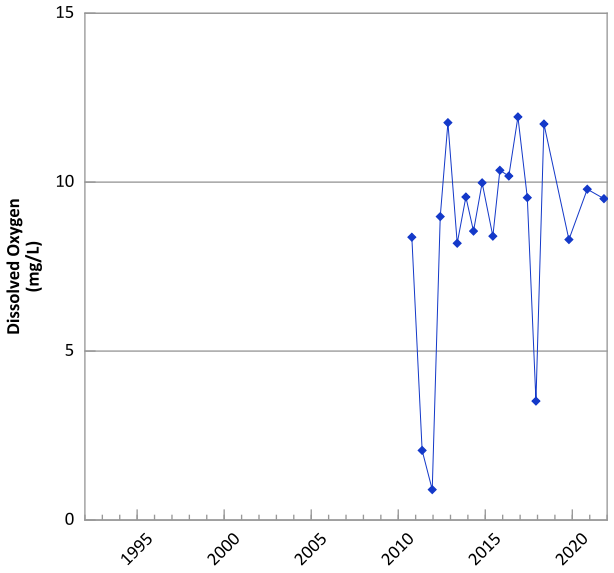
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/09/2005 to 11/03/2021
Analysis Date: 04/05/2022

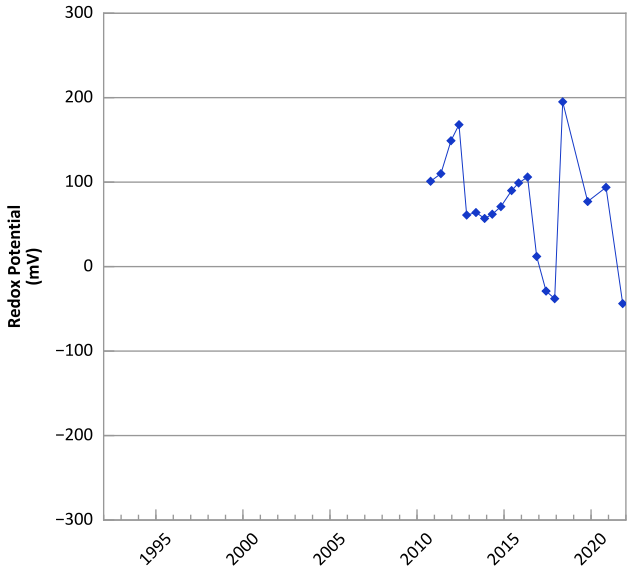
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

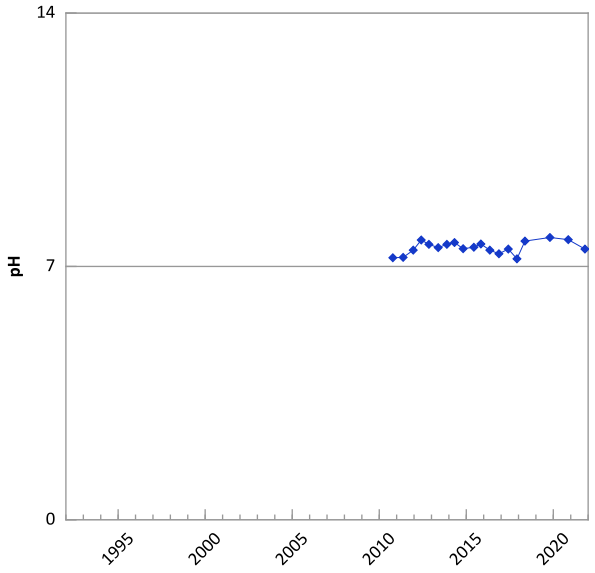
Well Location

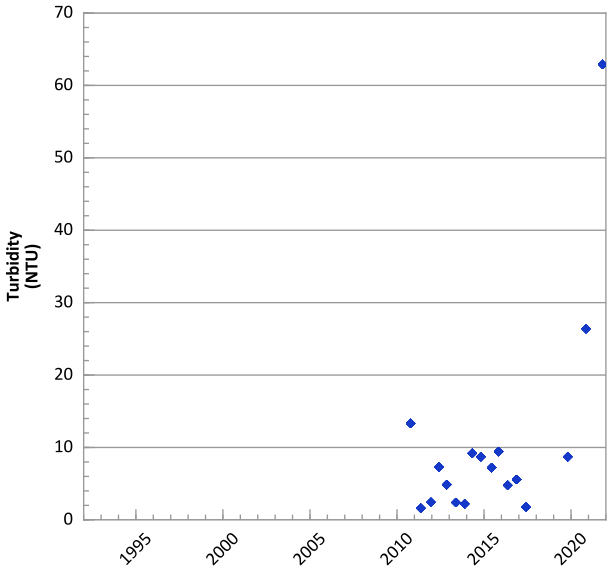


PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



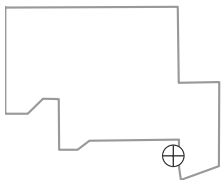






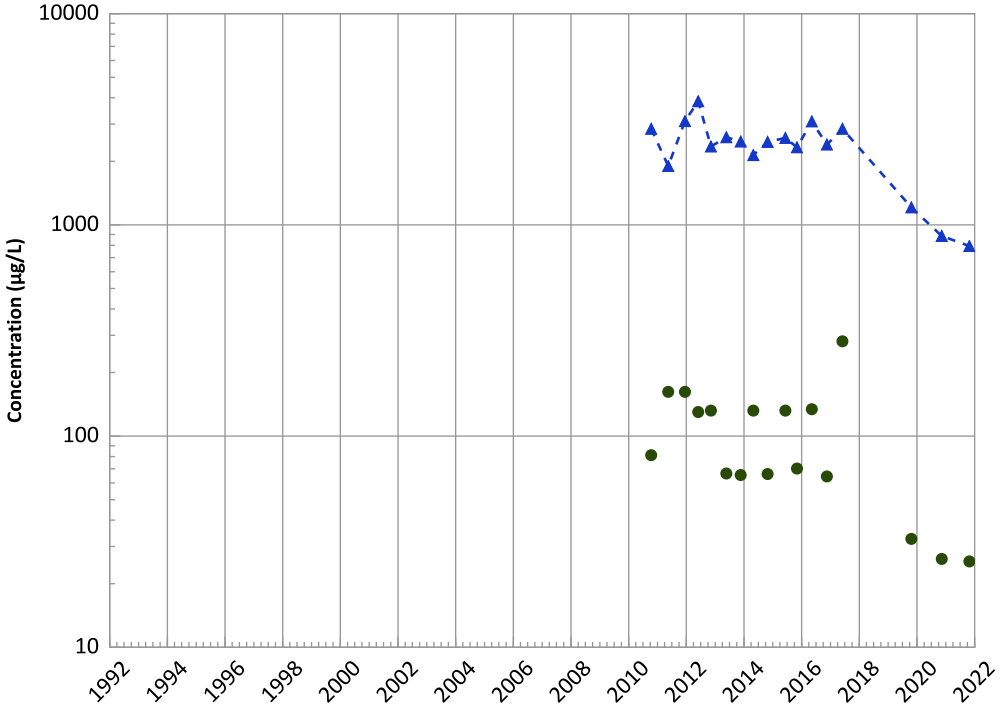
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

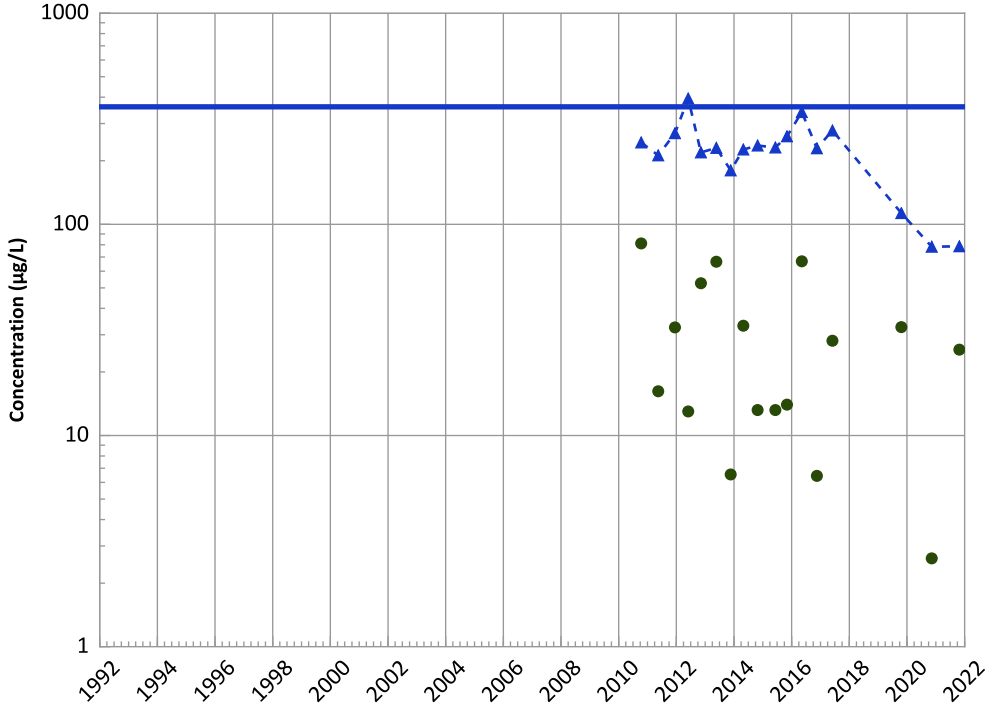


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

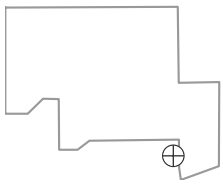
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

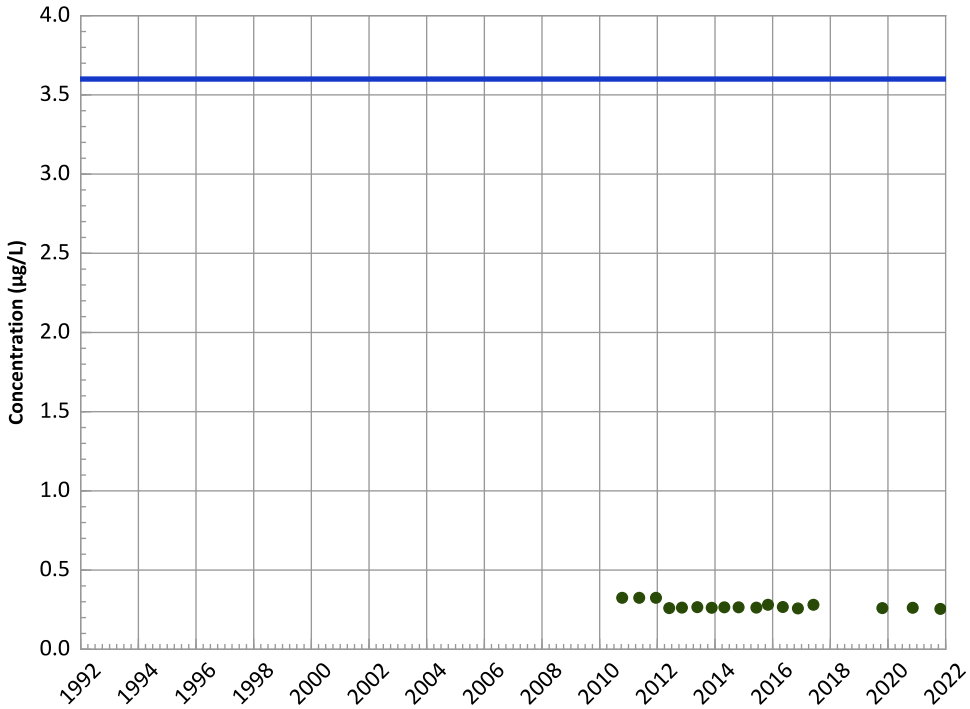
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

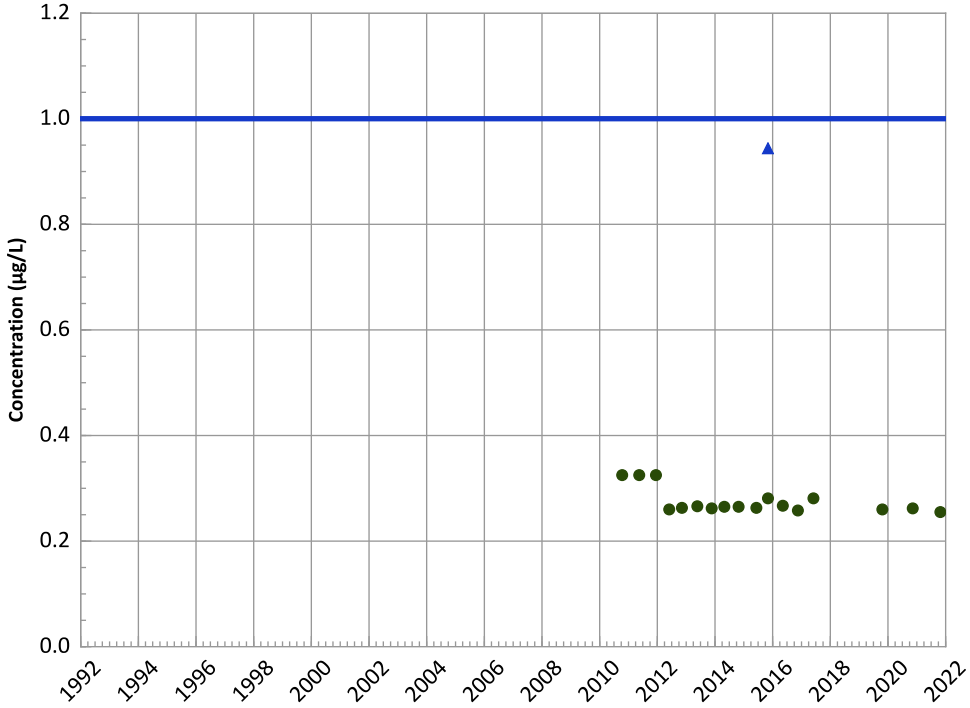


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

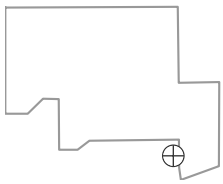
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

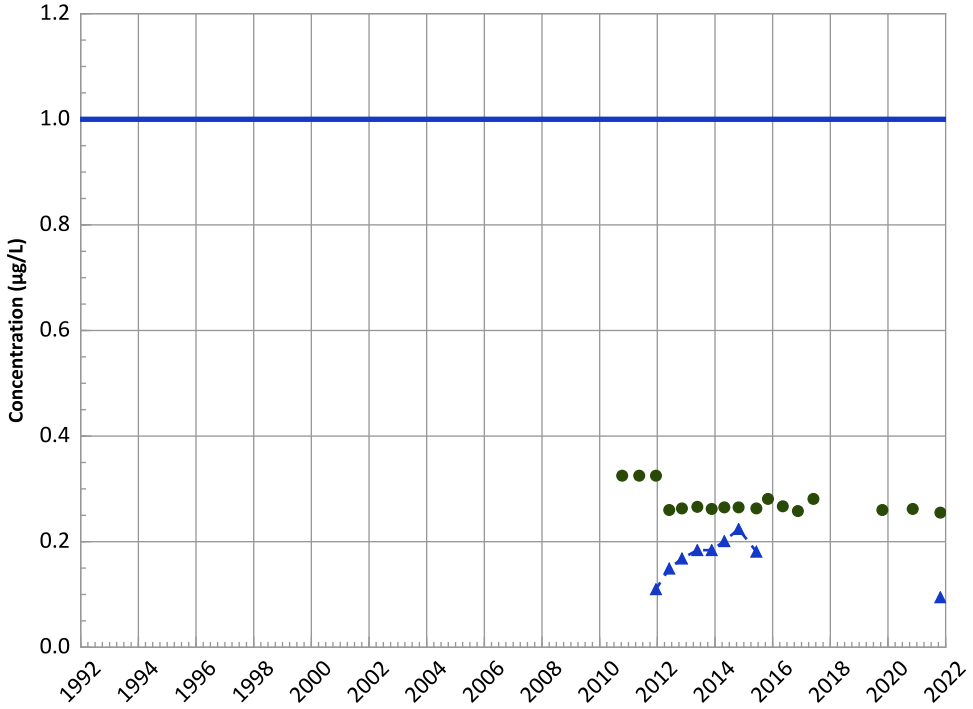
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

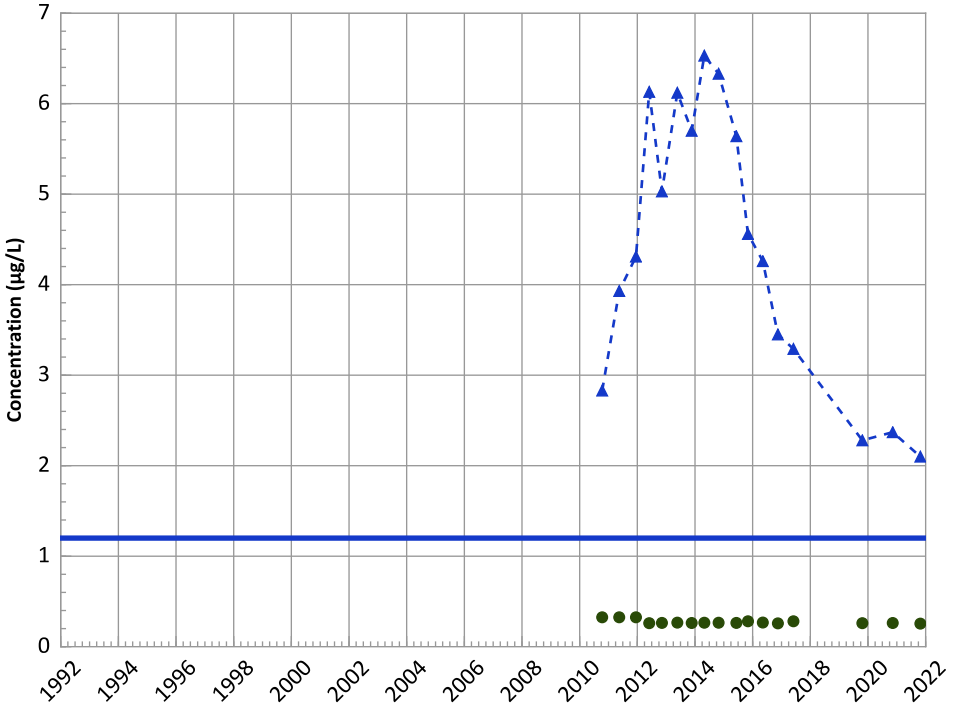


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

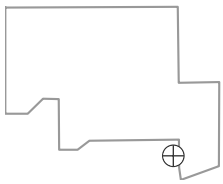
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

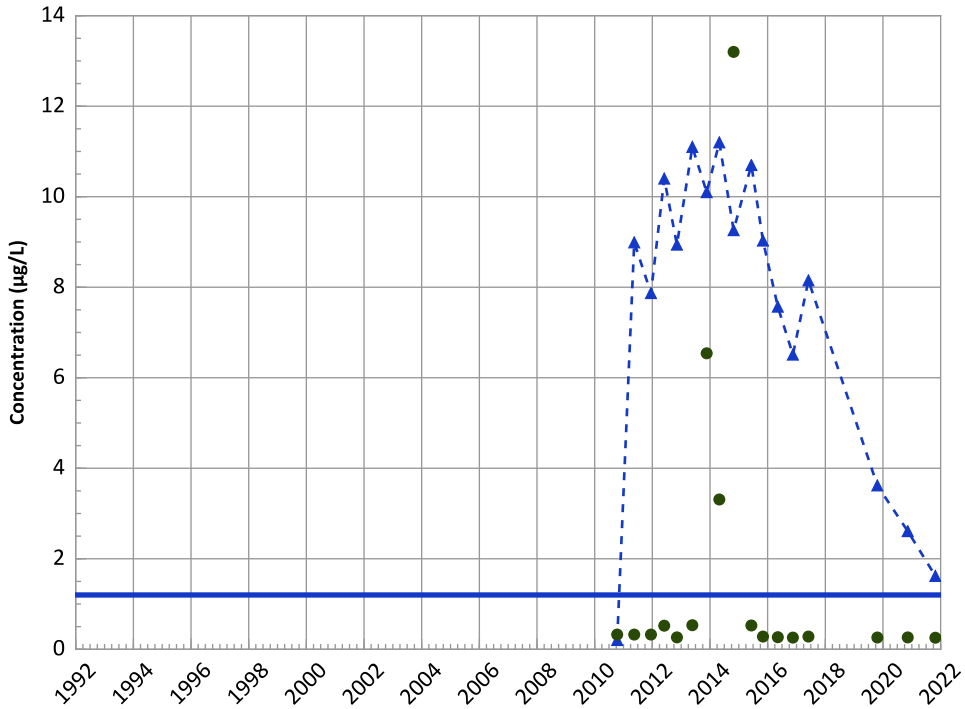
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

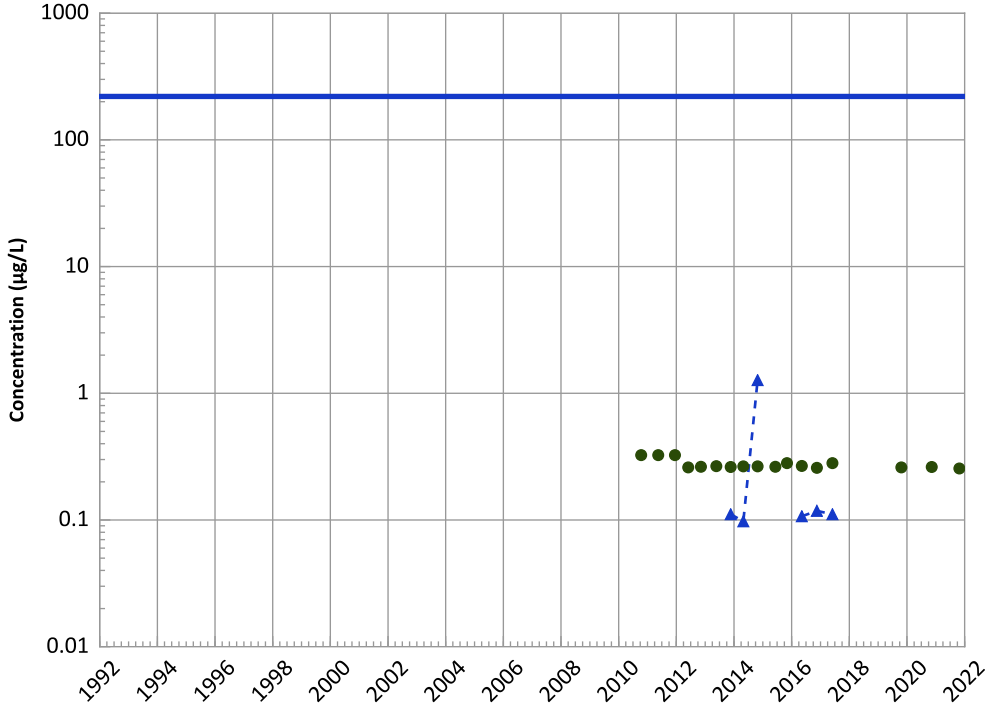


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

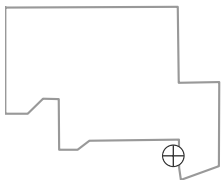
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

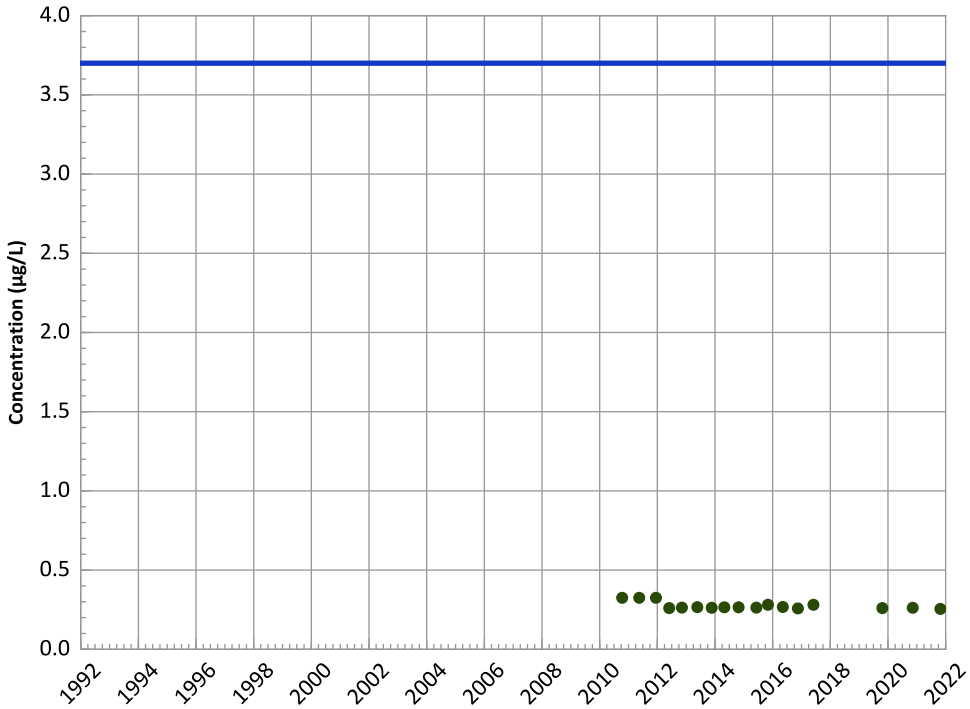
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

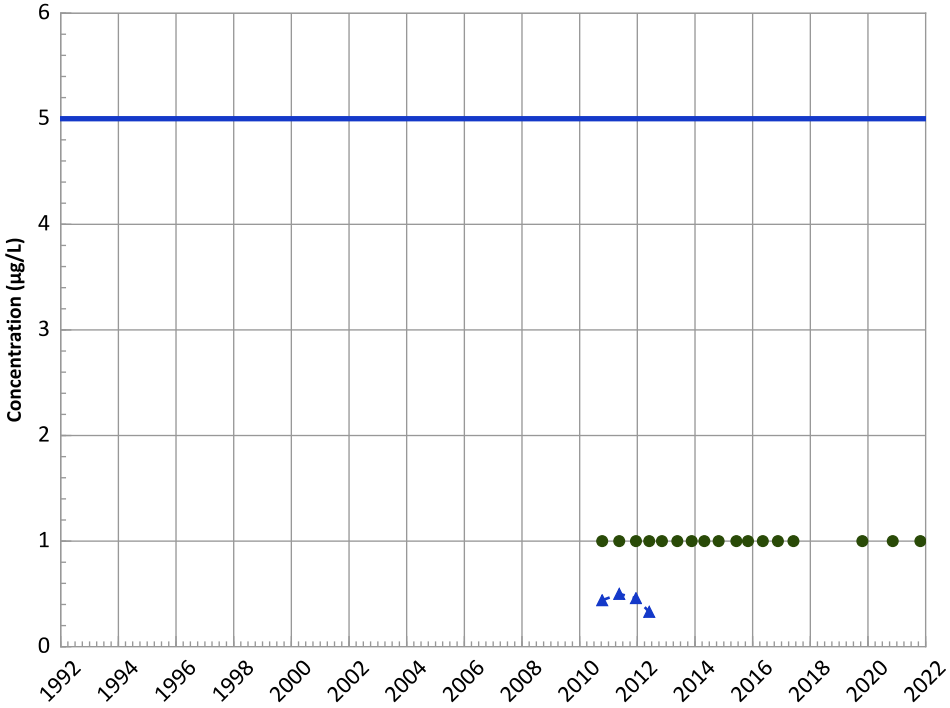


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

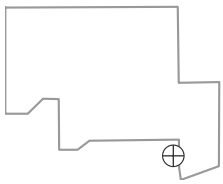
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

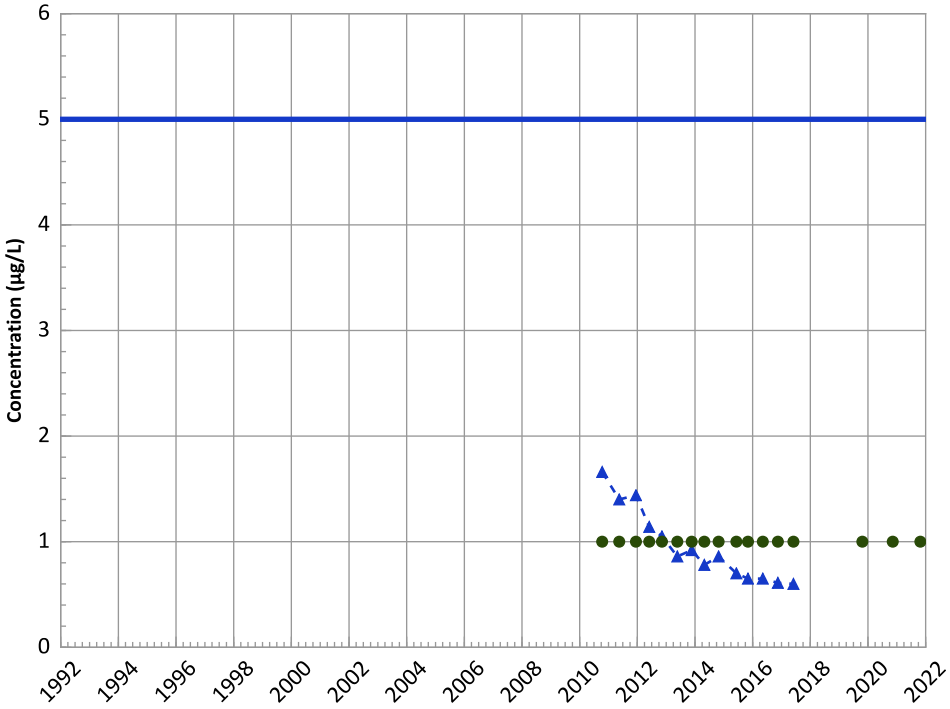
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

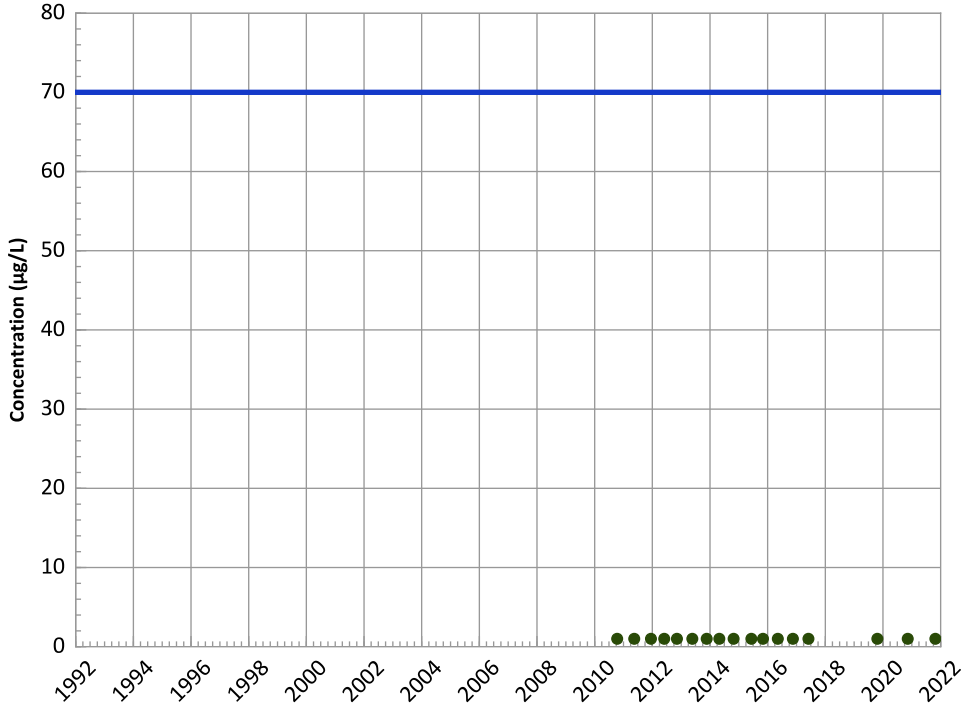


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

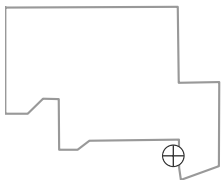
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

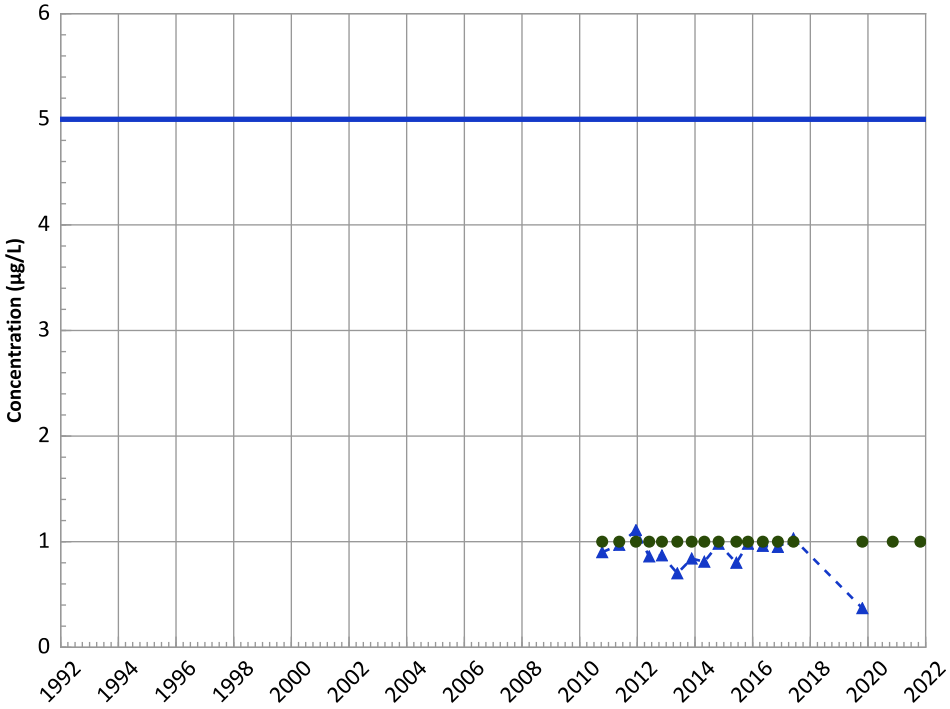
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

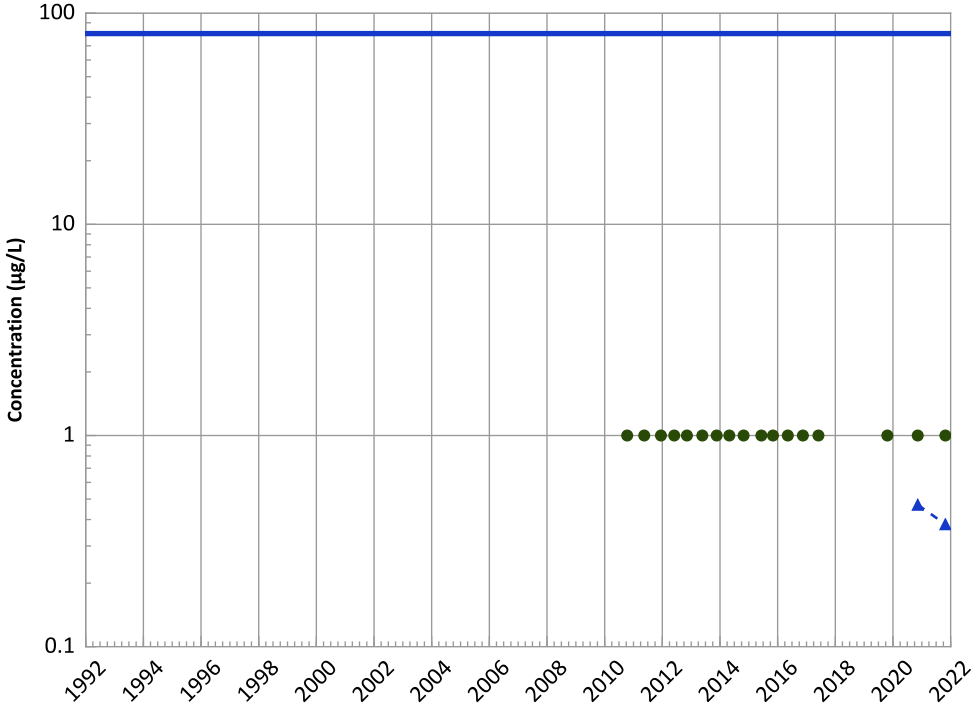


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Chloroform Trend



Concentration Trend

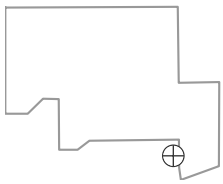
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

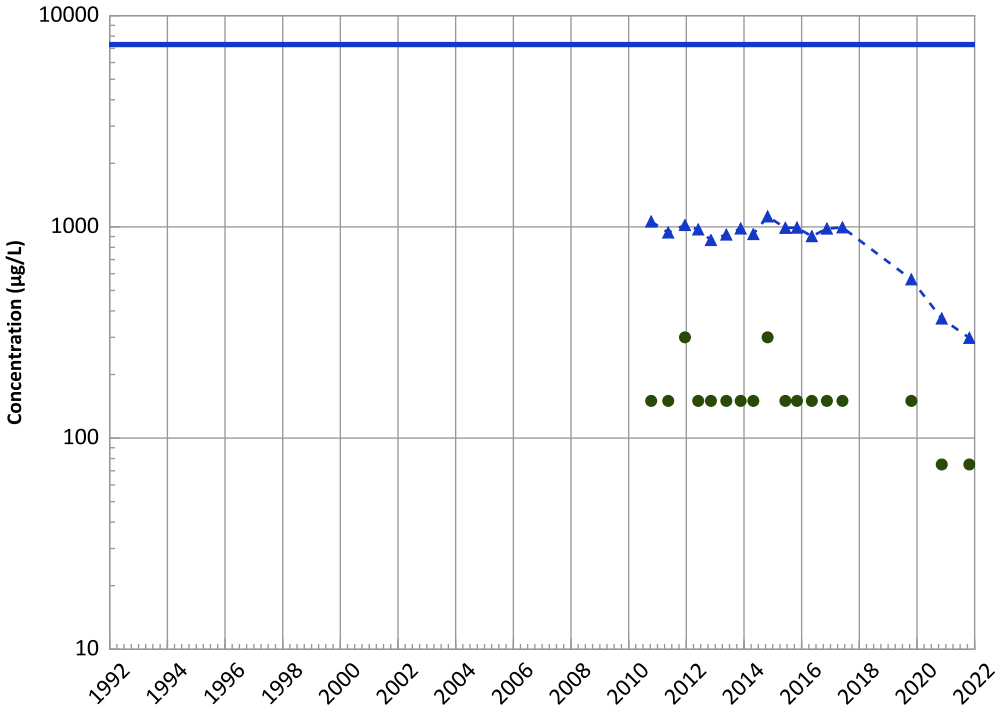
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

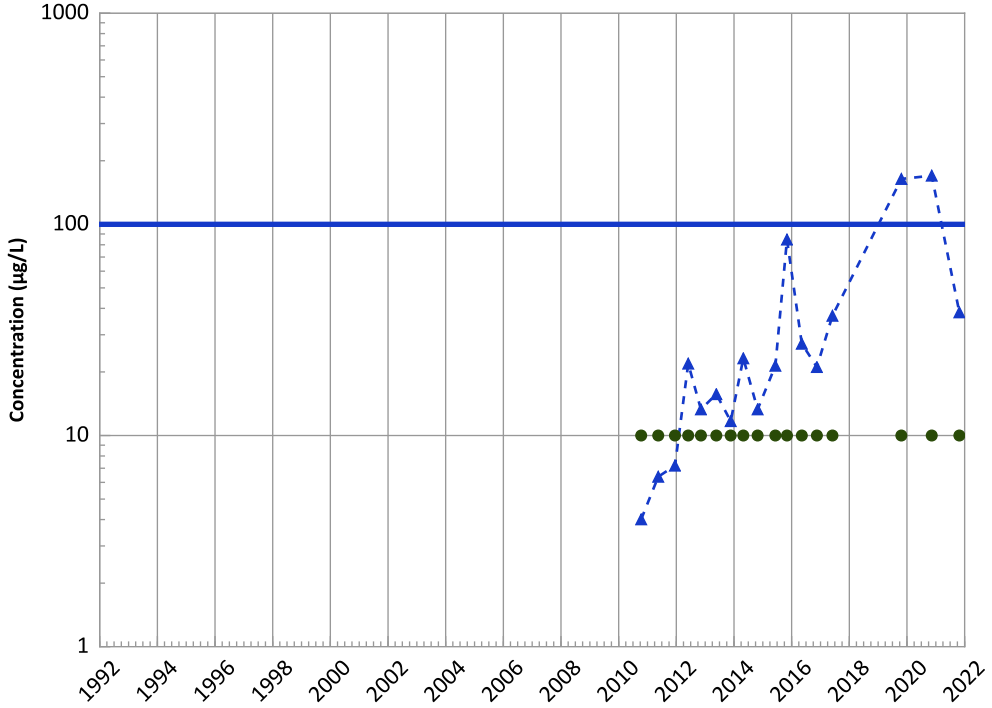


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

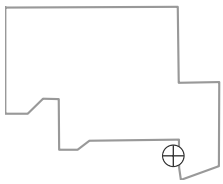
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

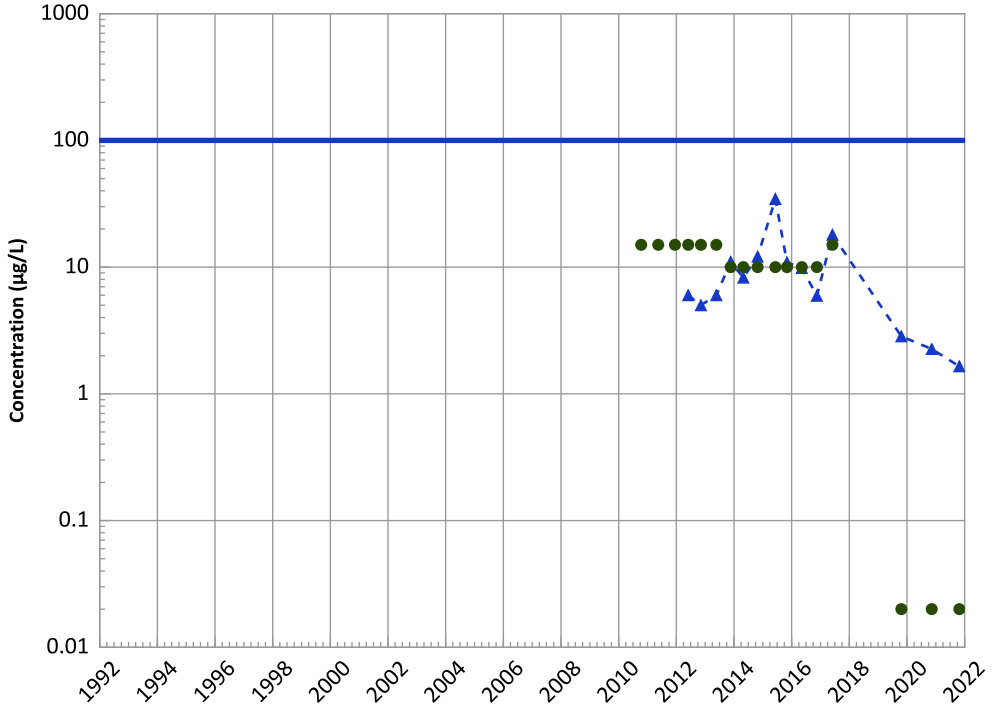
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

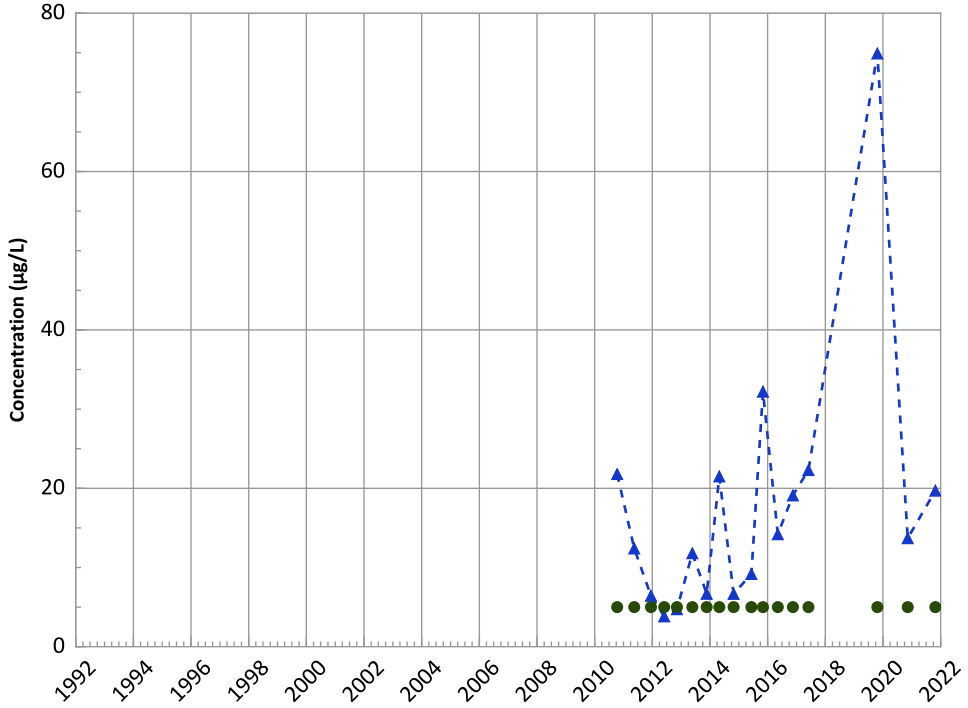


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

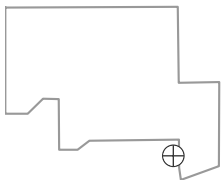
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

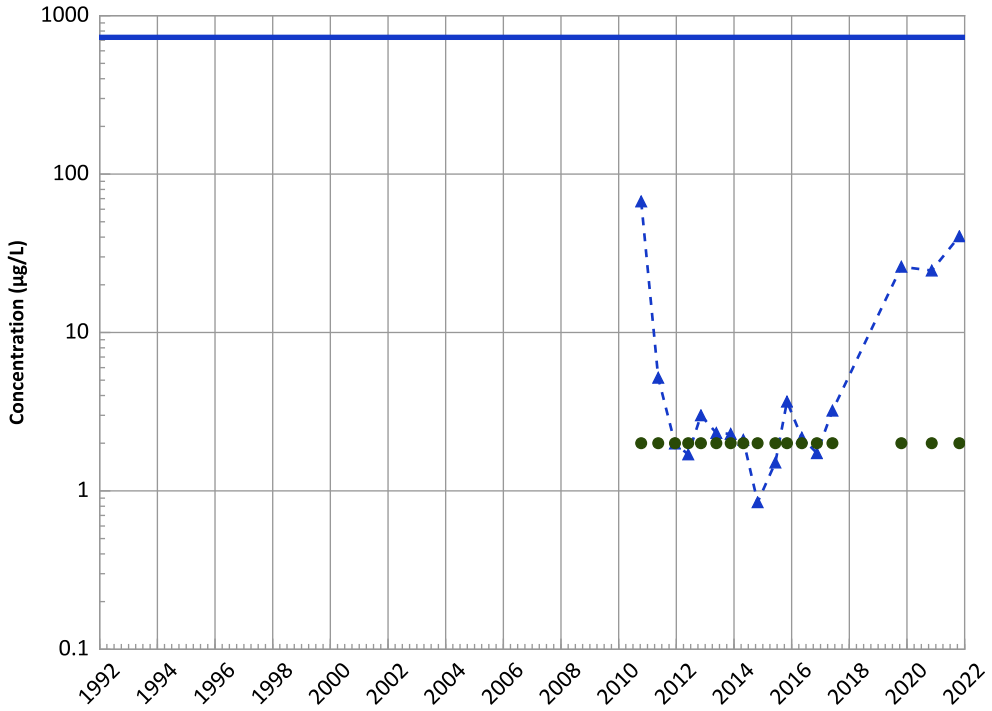
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

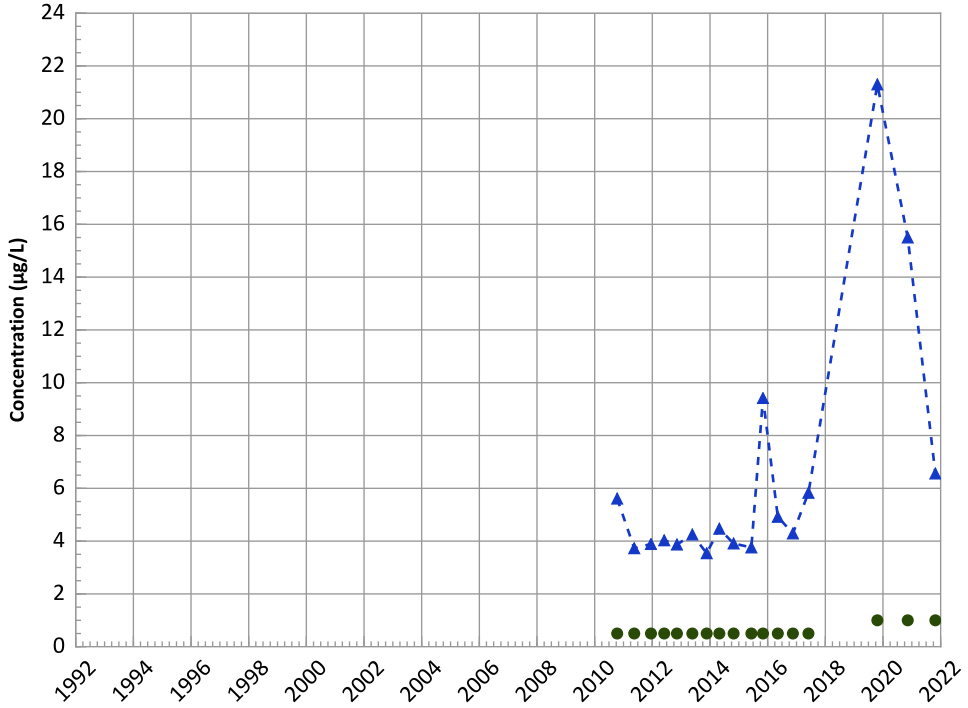


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Probably Increasing

Molybdenum Trend



Concentration Trend

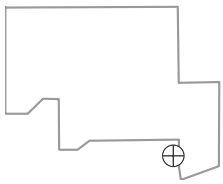
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

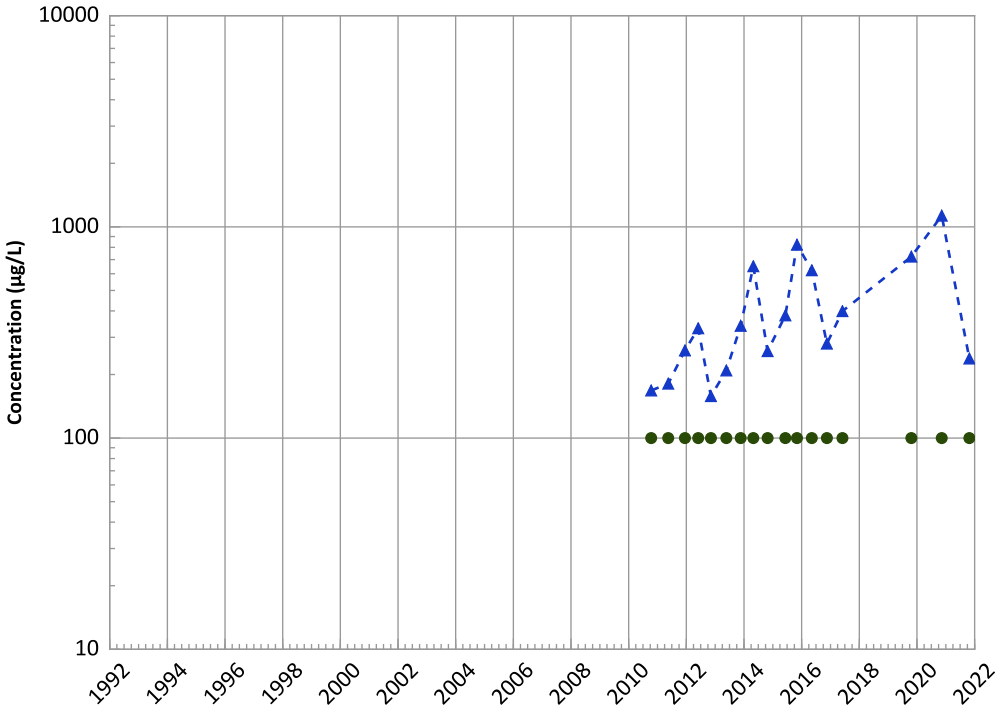
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1120 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

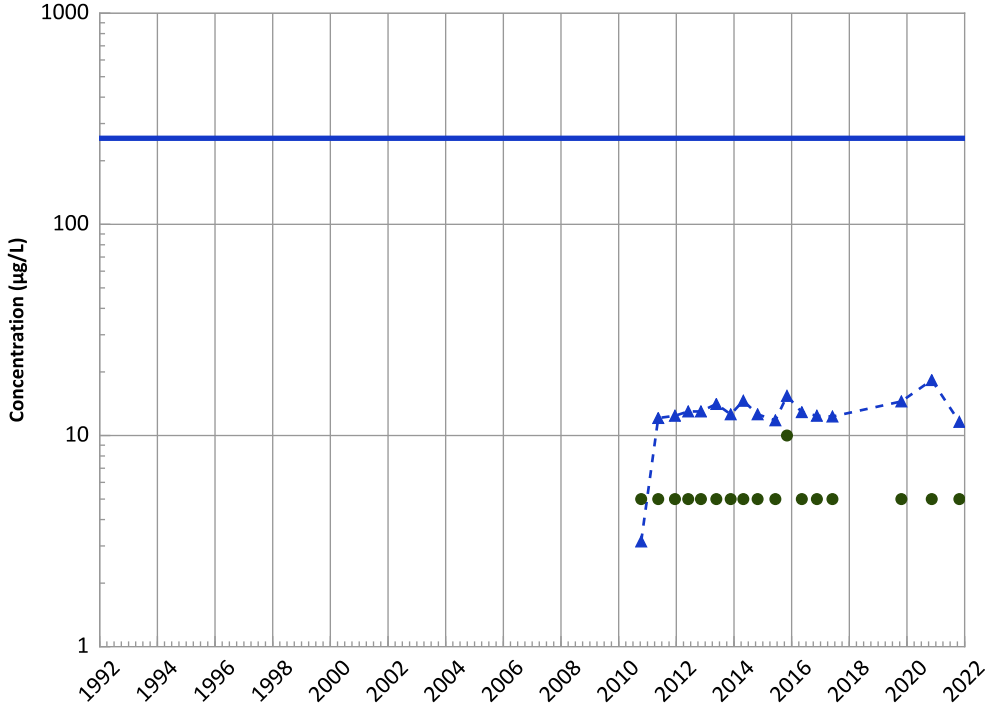


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Vanadium Trend



Concentration Trend

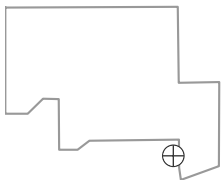
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

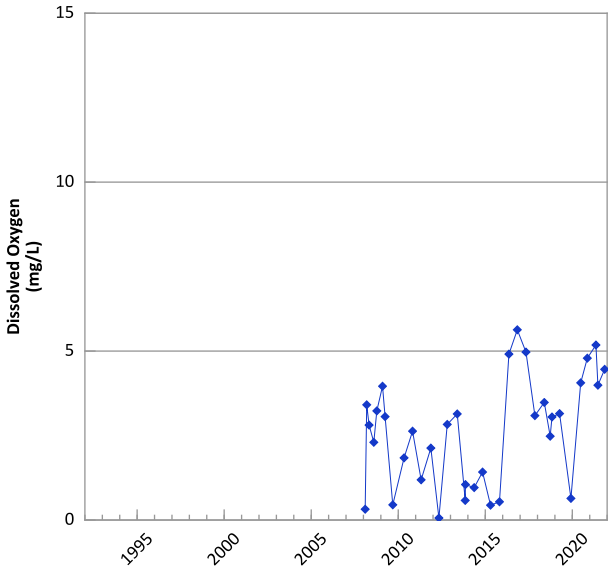
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/2010 to 10/26/2021
Analysis Date: 04/05/2022

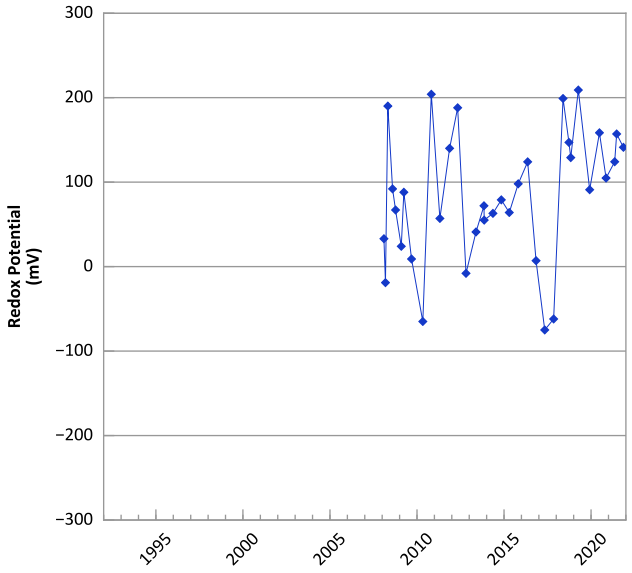
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

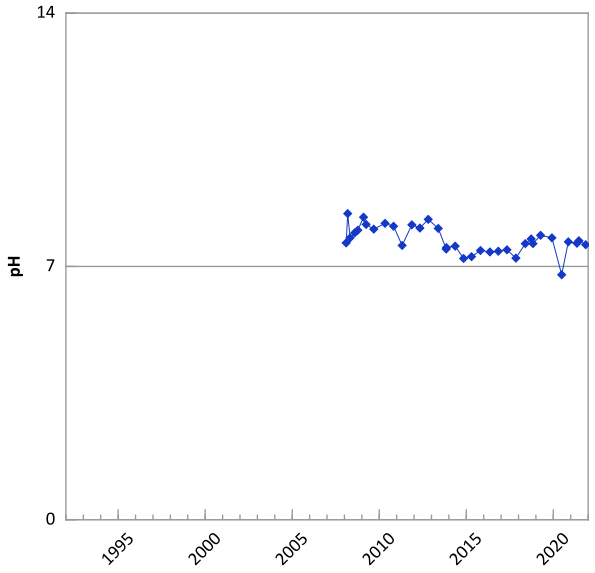
Well Location

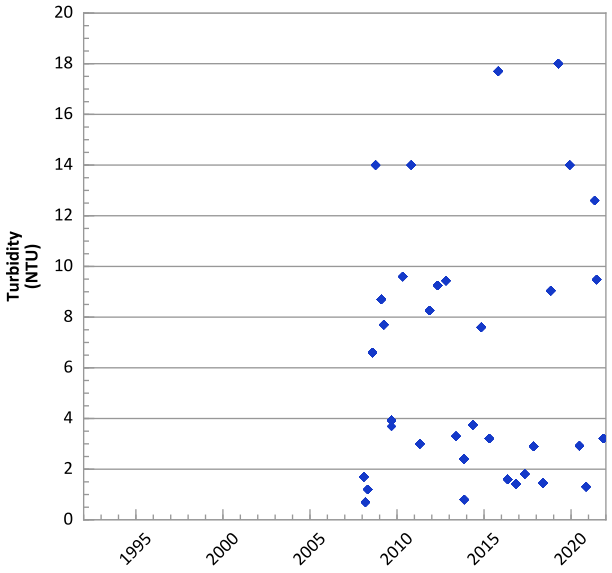


PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



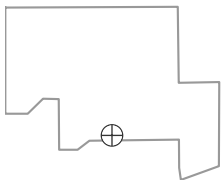






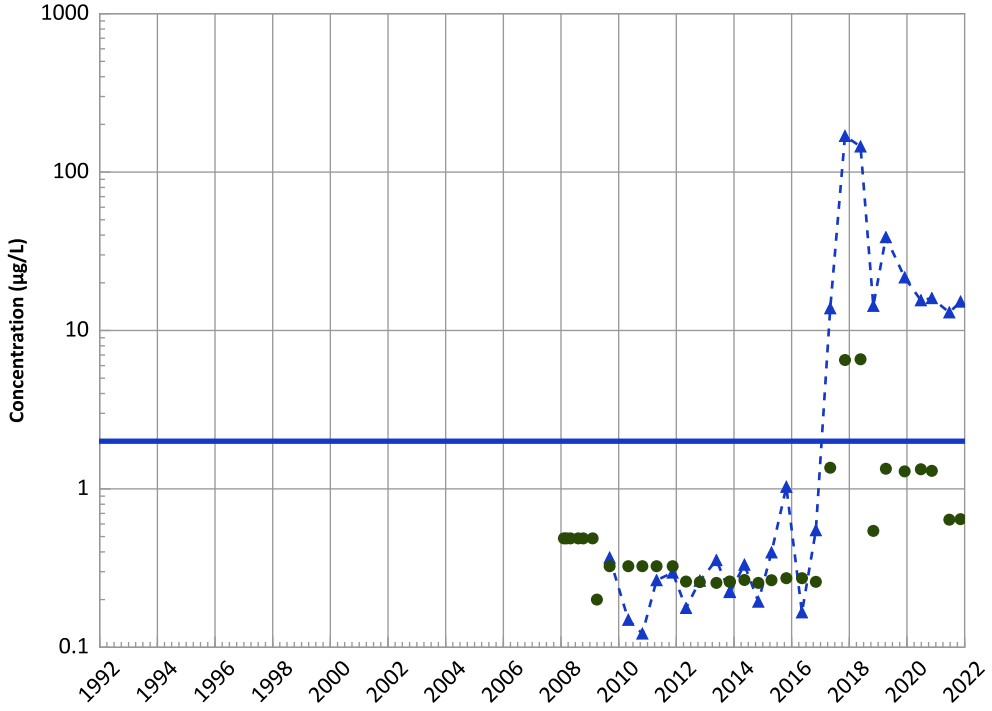
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

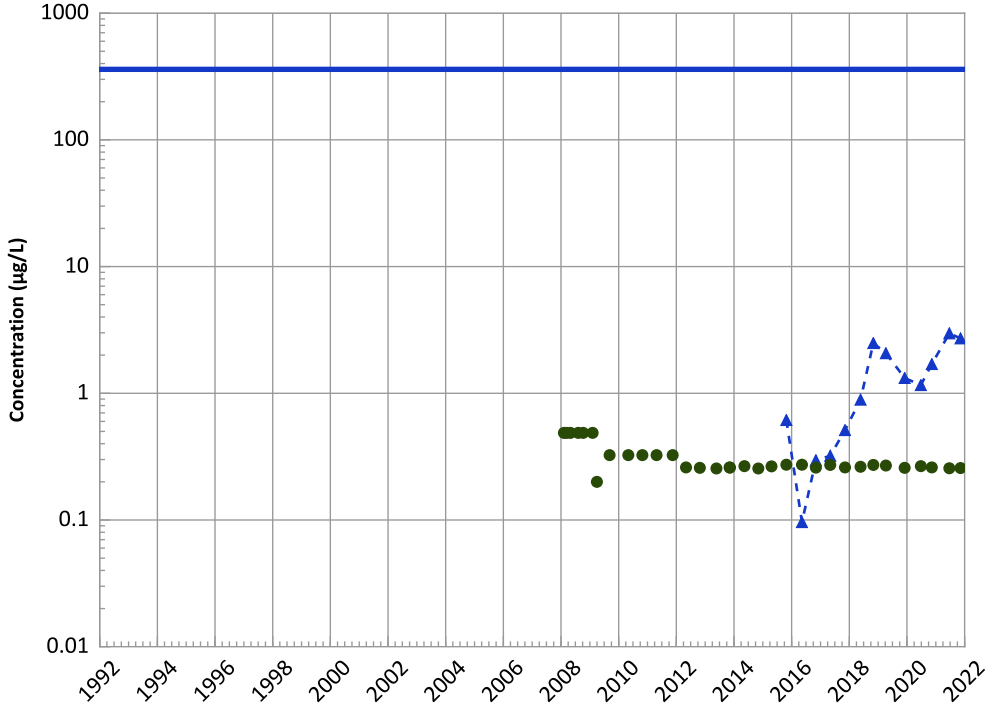


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

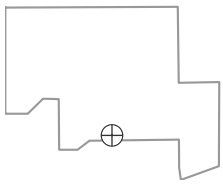
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

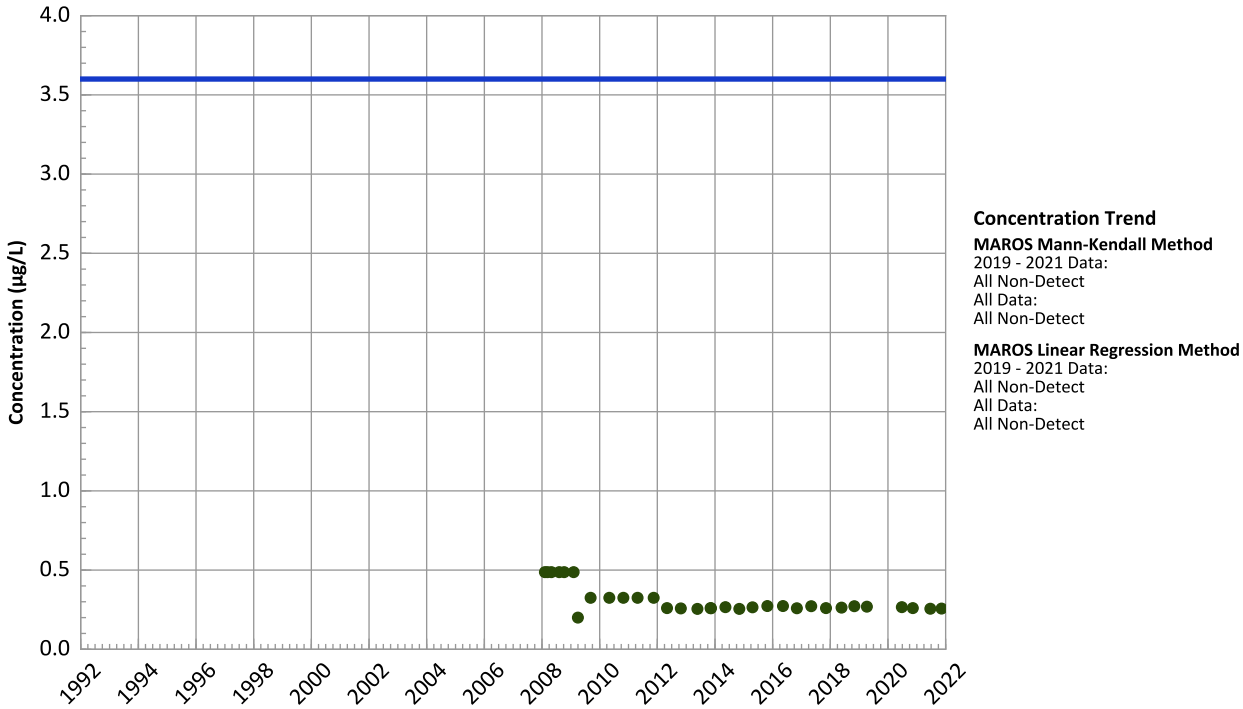
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

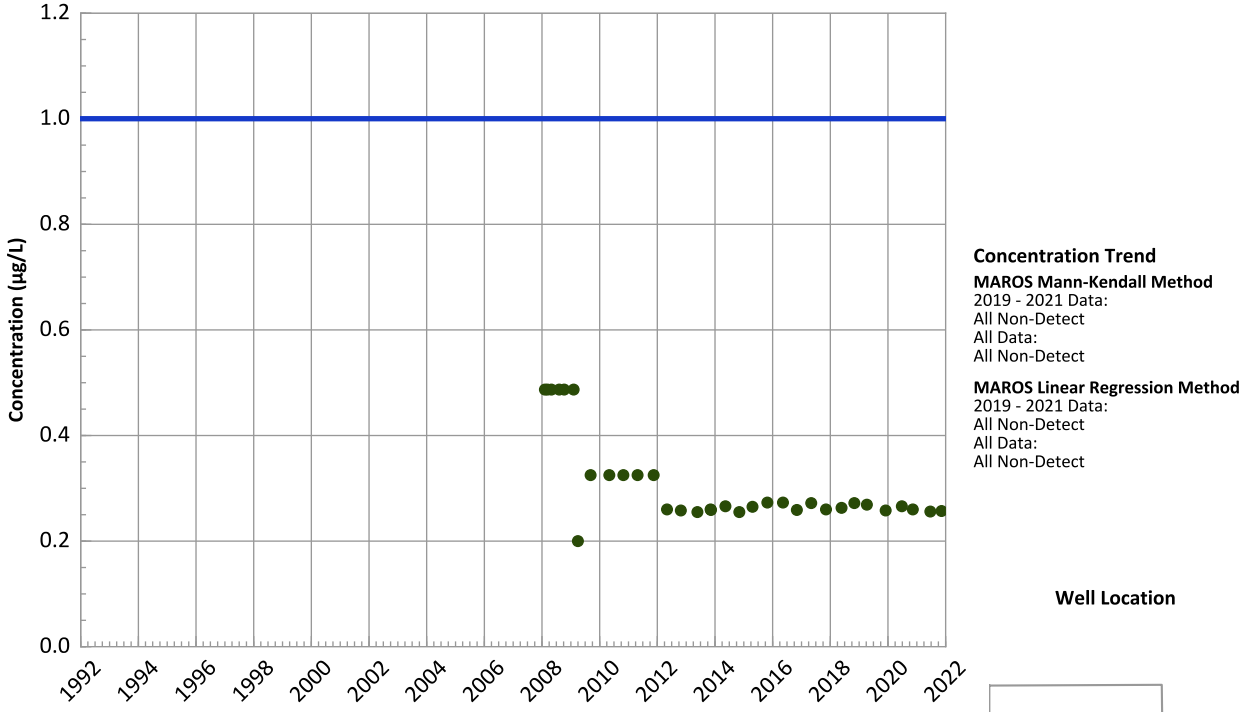


PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



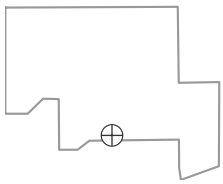
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

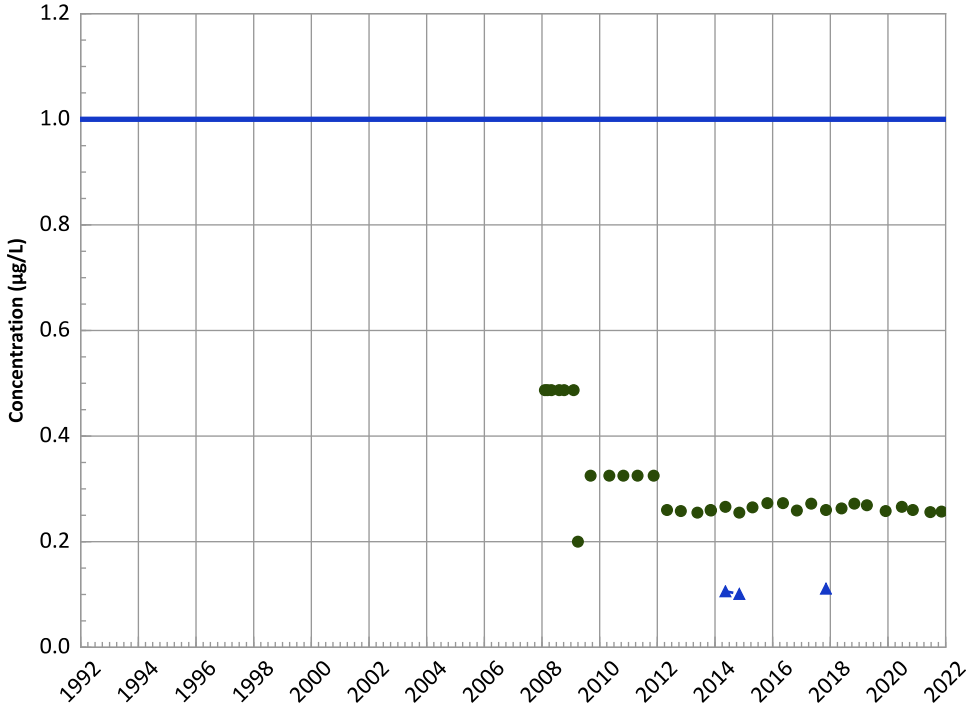
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

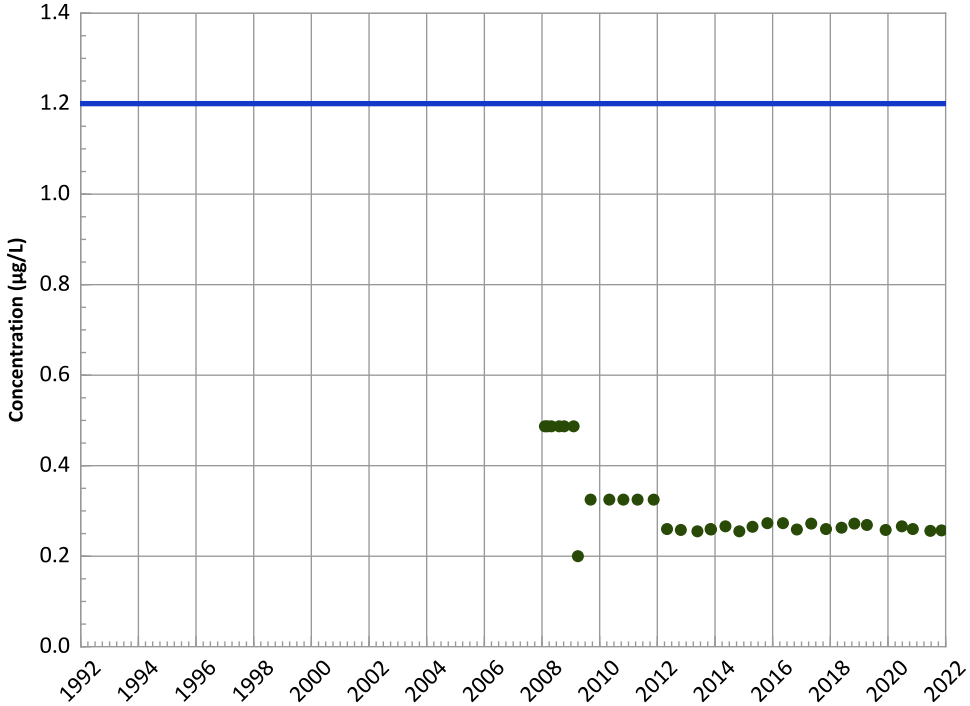


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

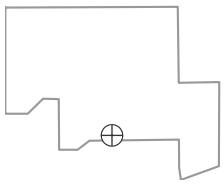
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

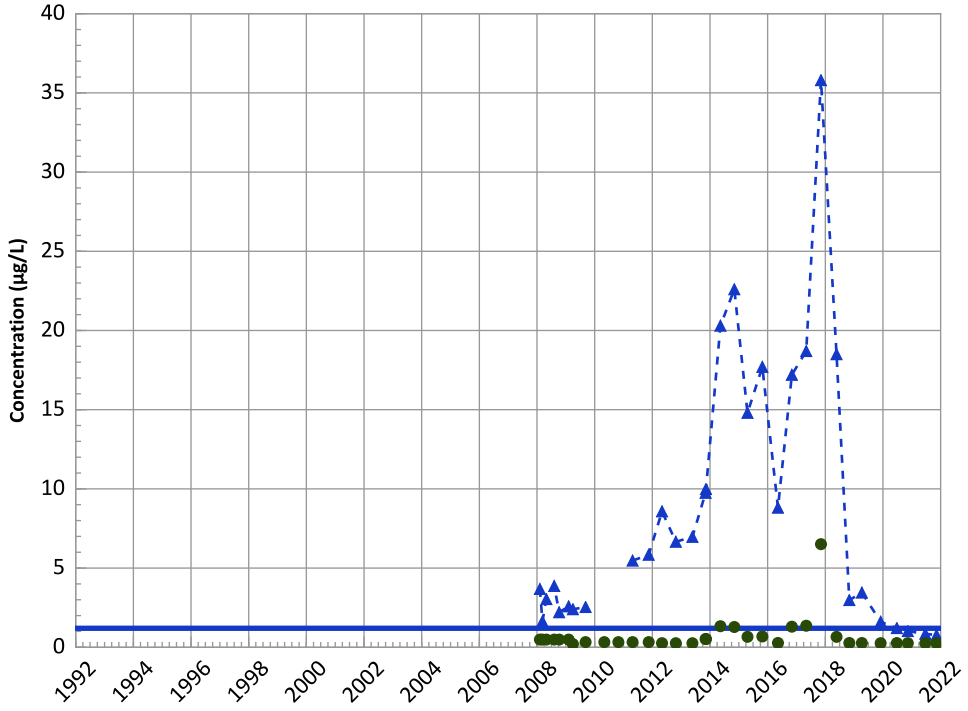
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

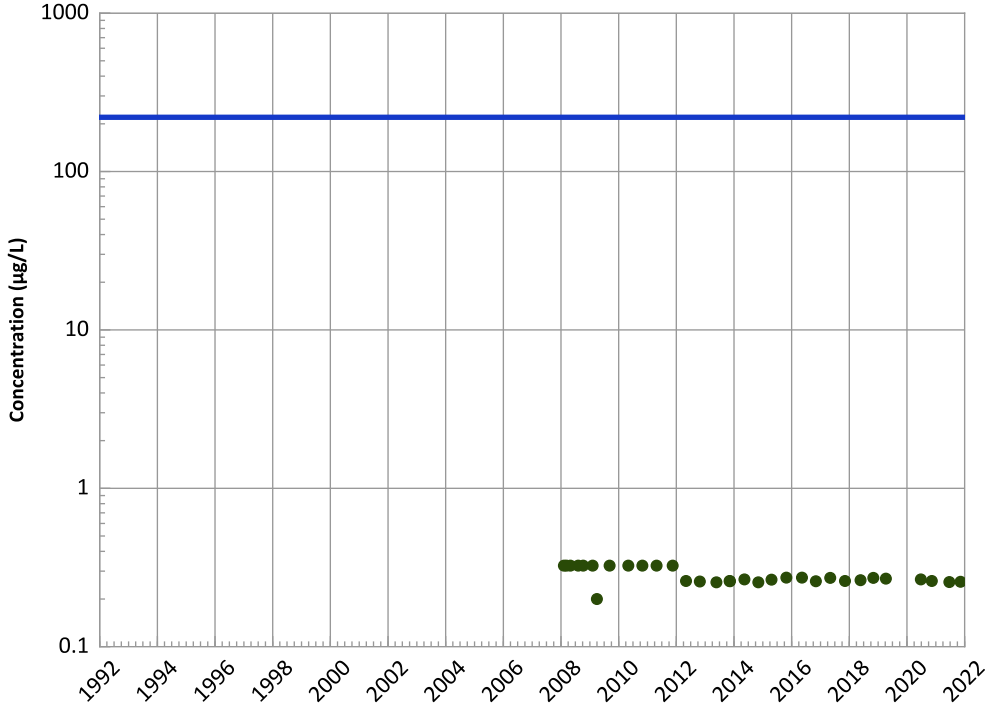


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

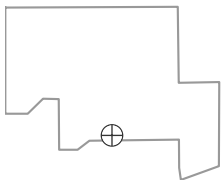
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

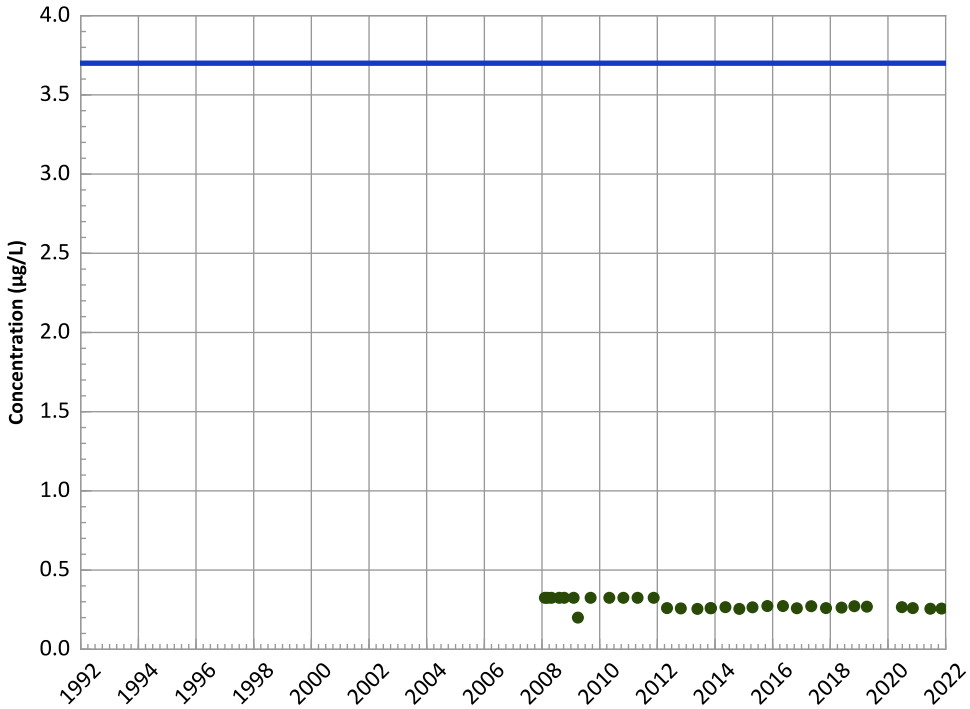
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

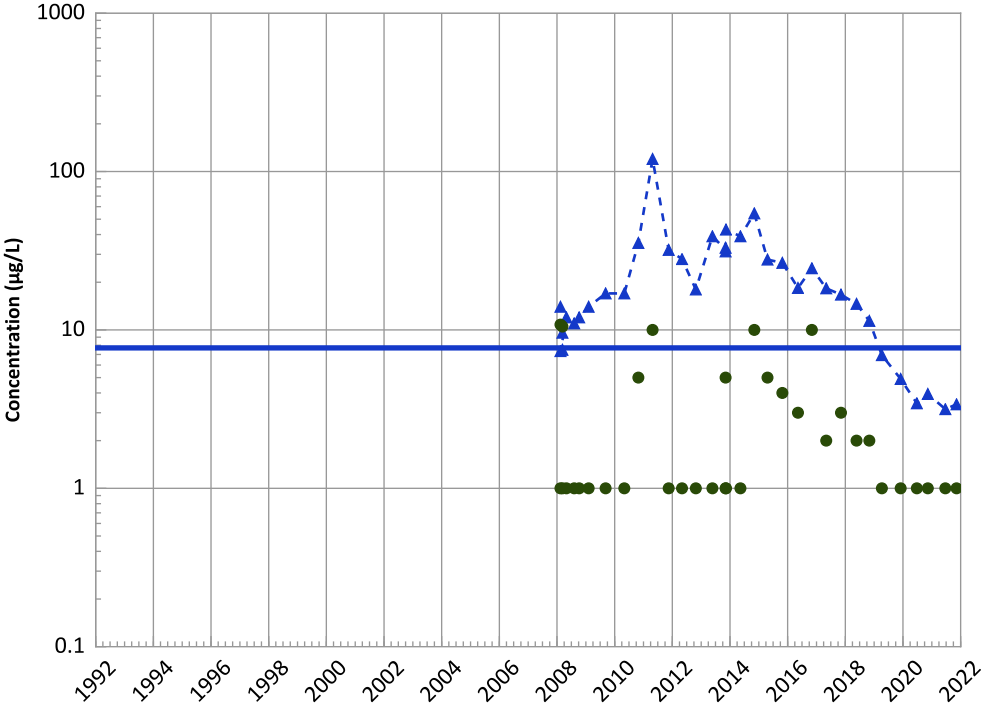


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

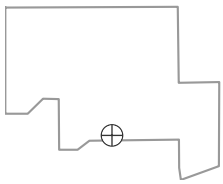
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

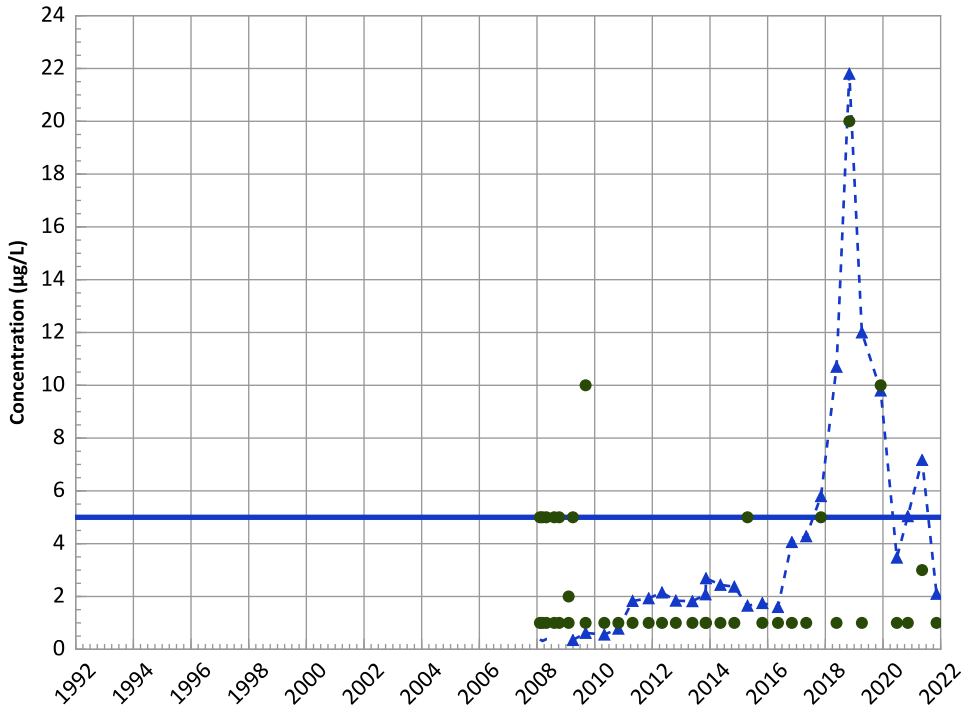
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

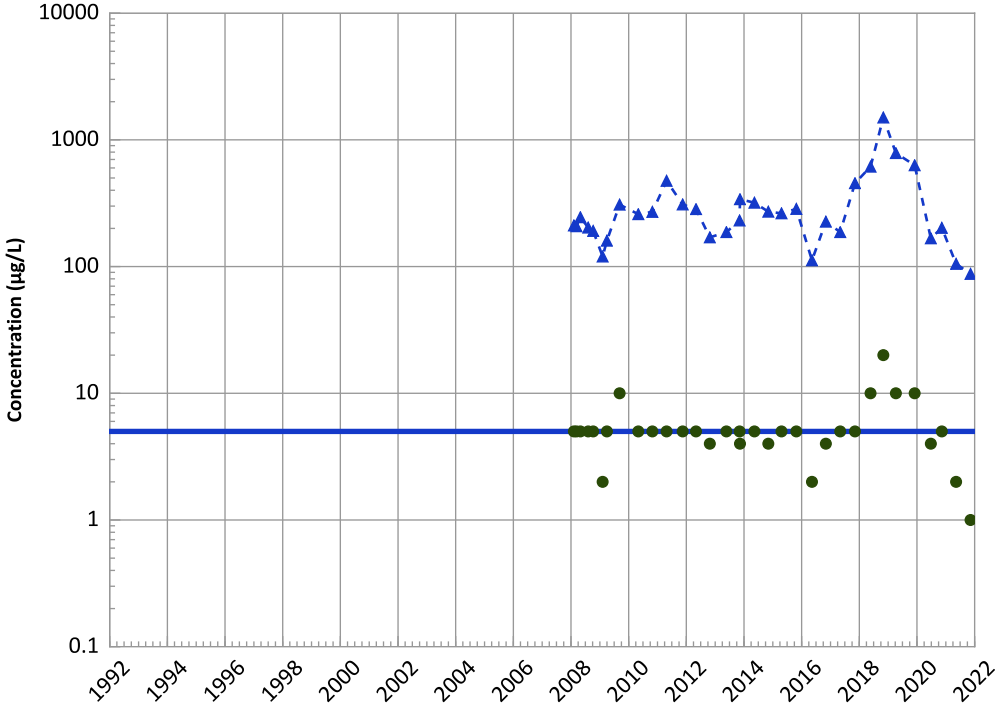


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

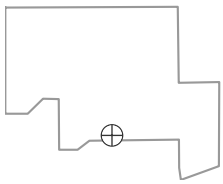
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

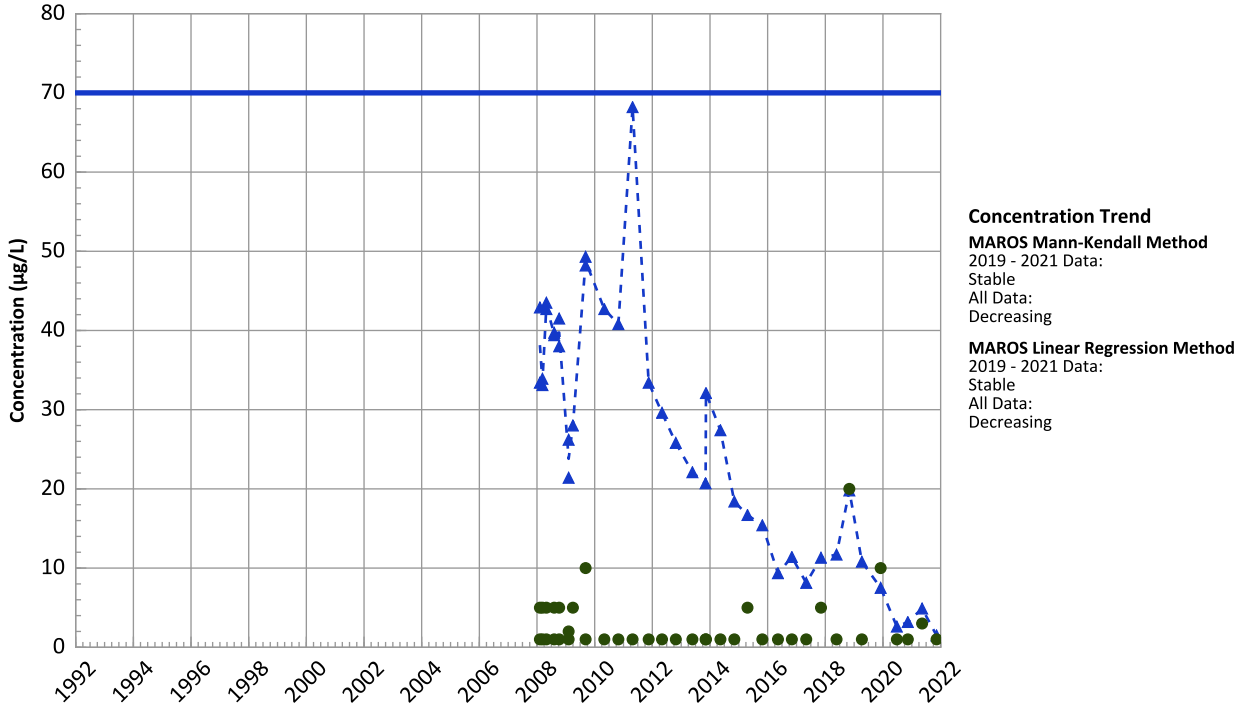
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

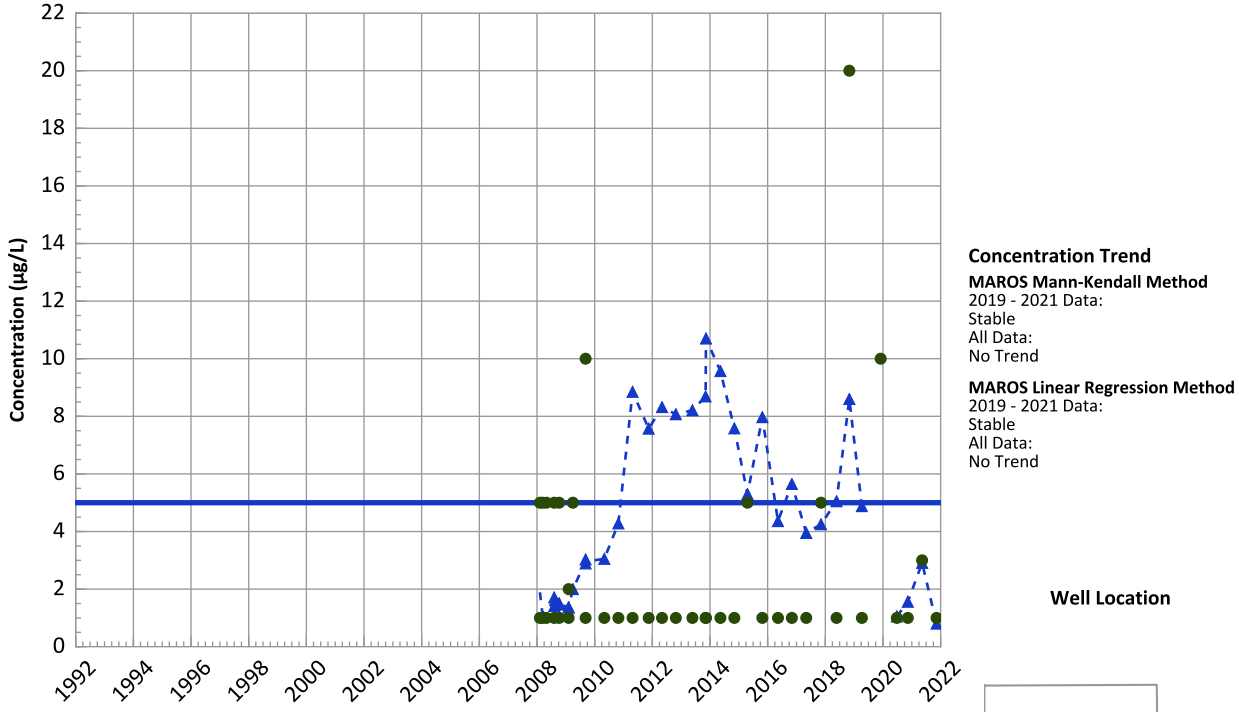


PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



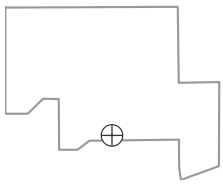
1,2-Dichloroethane Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

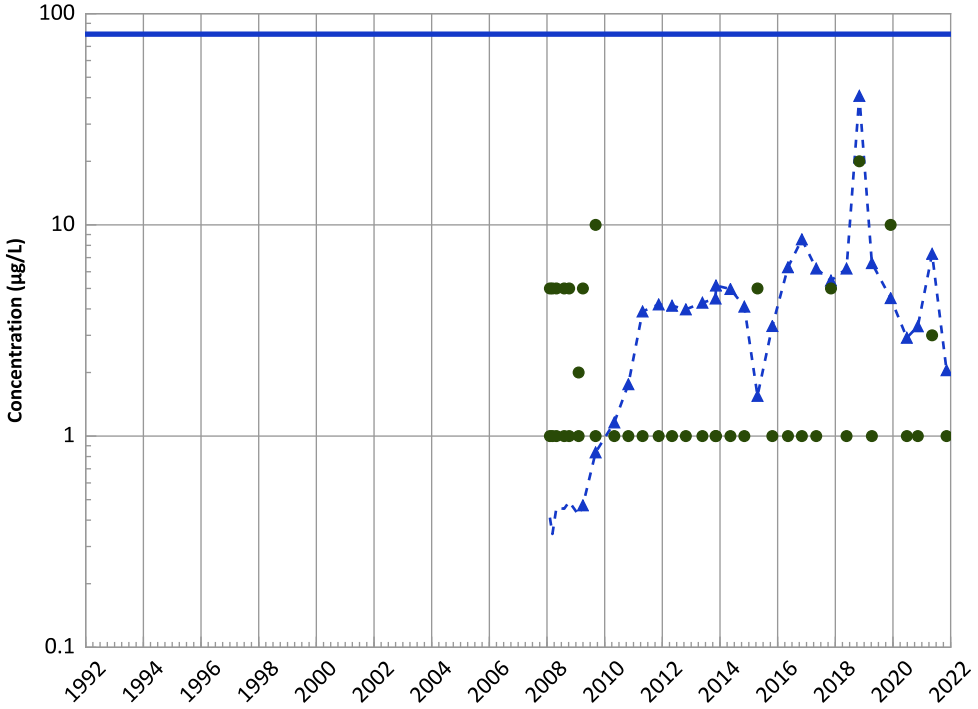
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

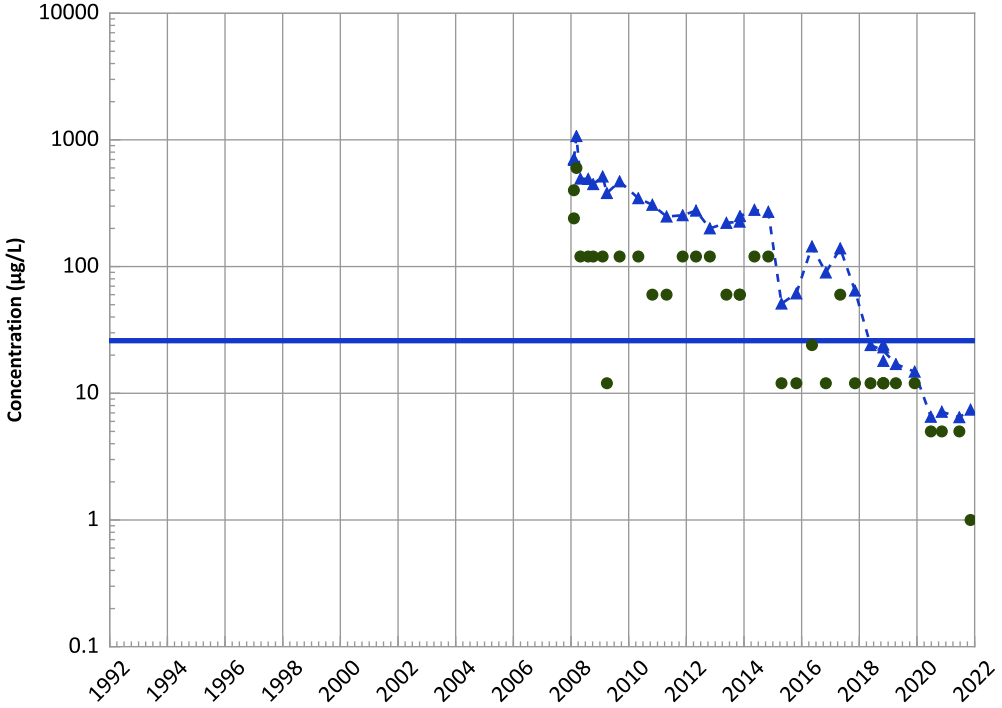


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Perchlorate Trend



Concentration Trend

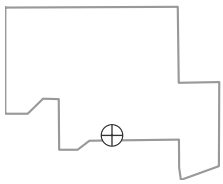
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

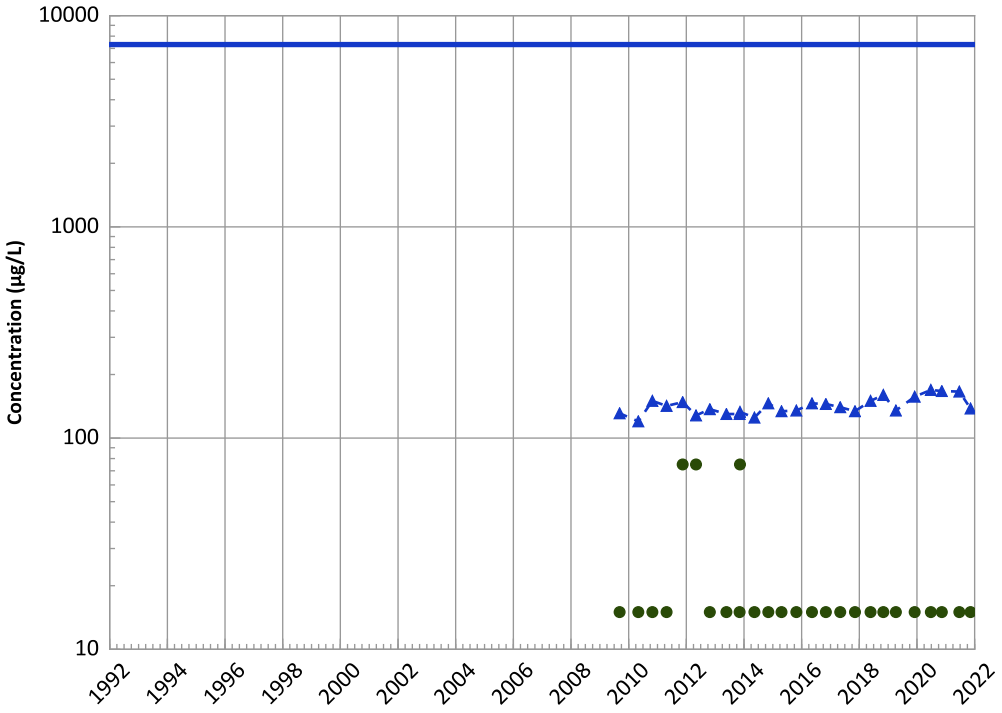
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

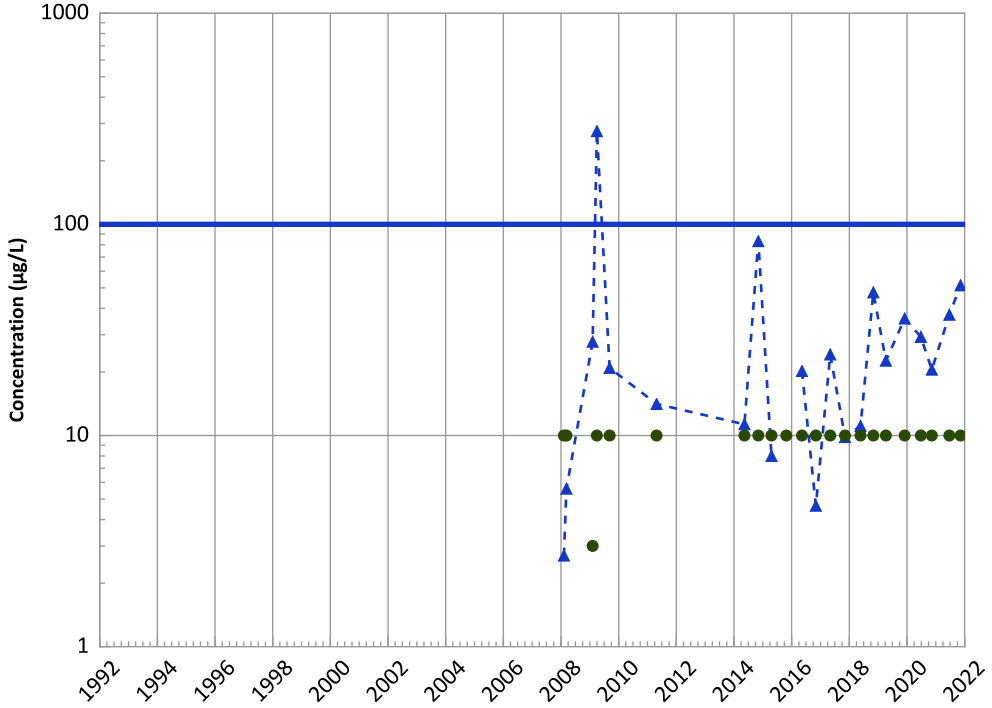


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

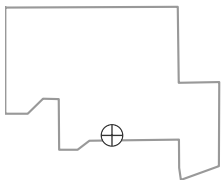
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

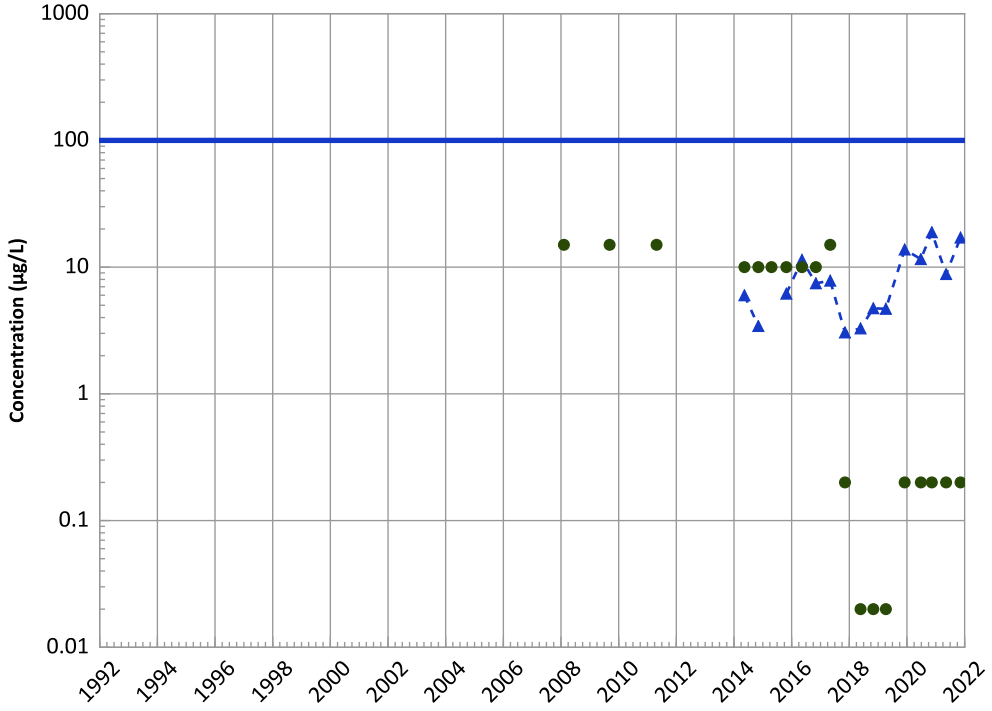
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1126 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

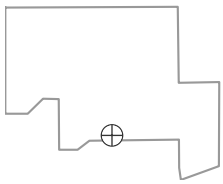
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

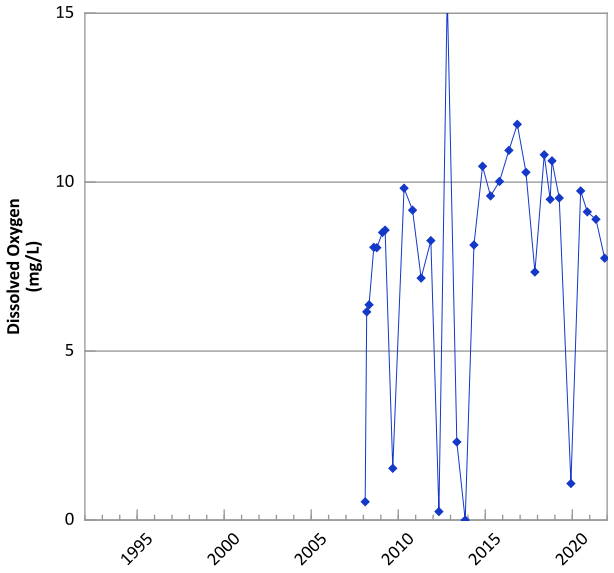
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

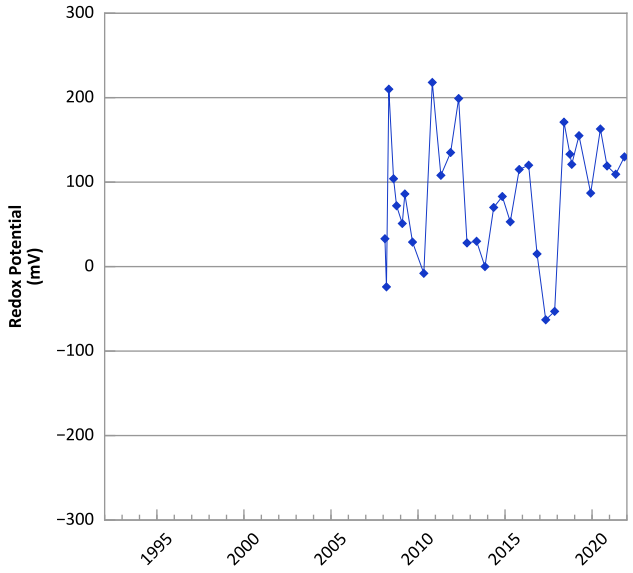
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

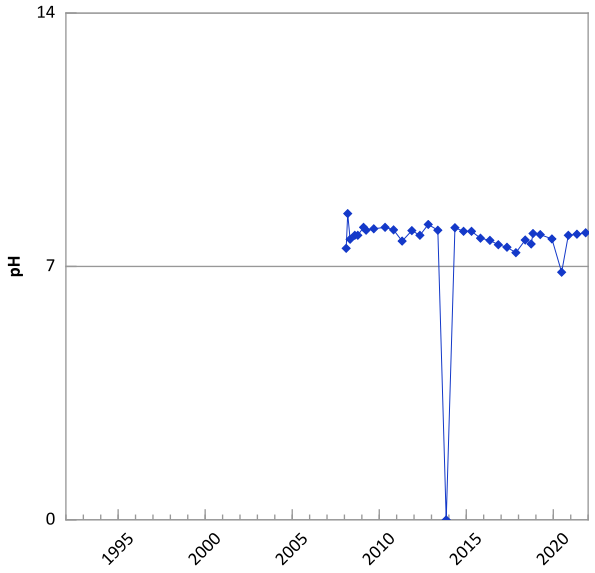
Well Location

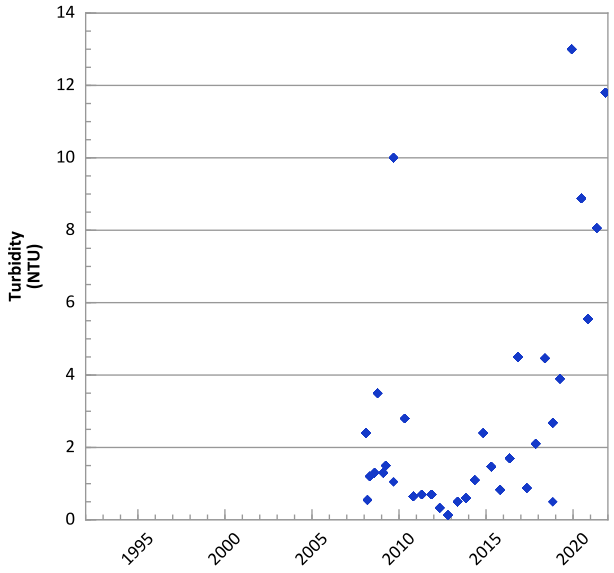


PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



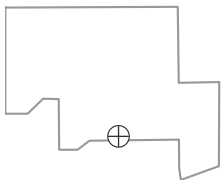






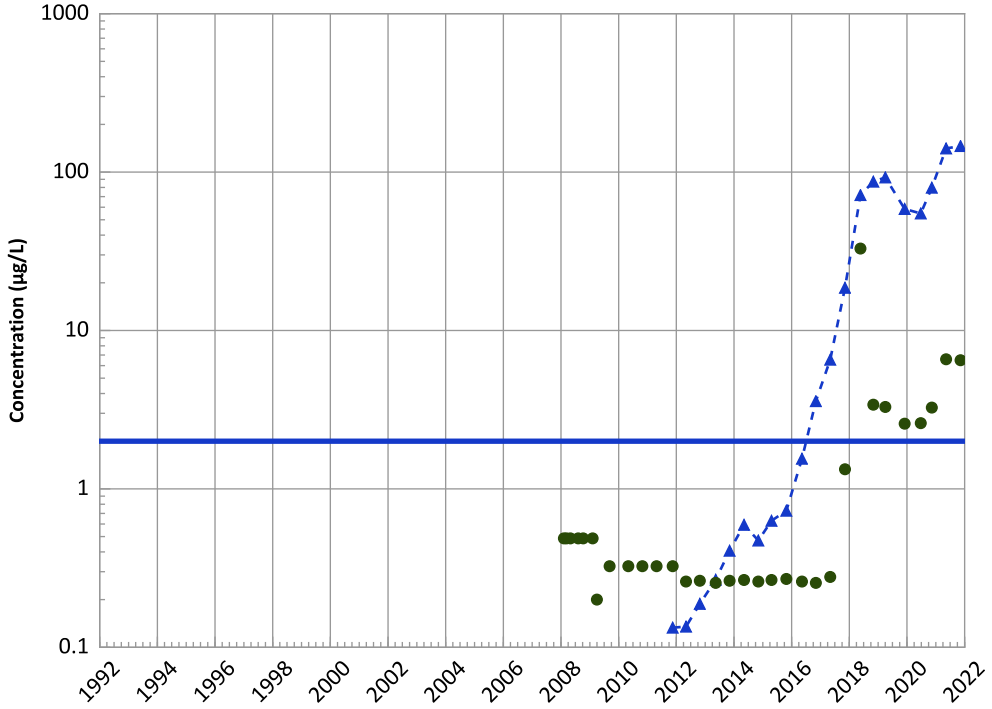
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

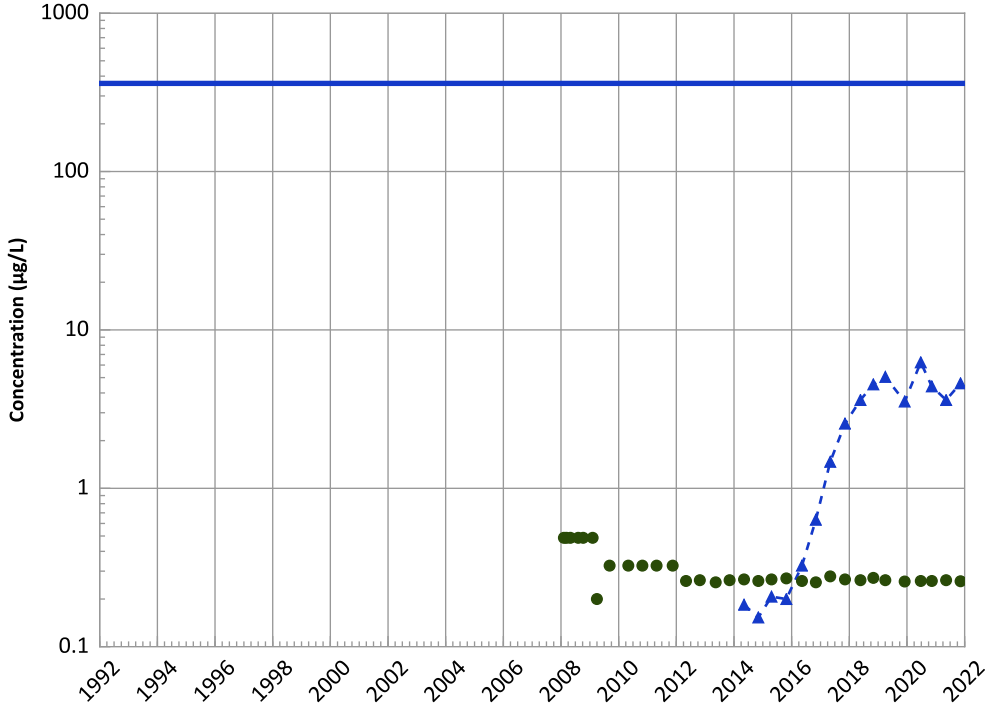


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

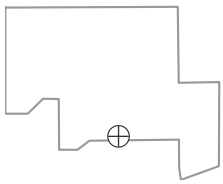
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

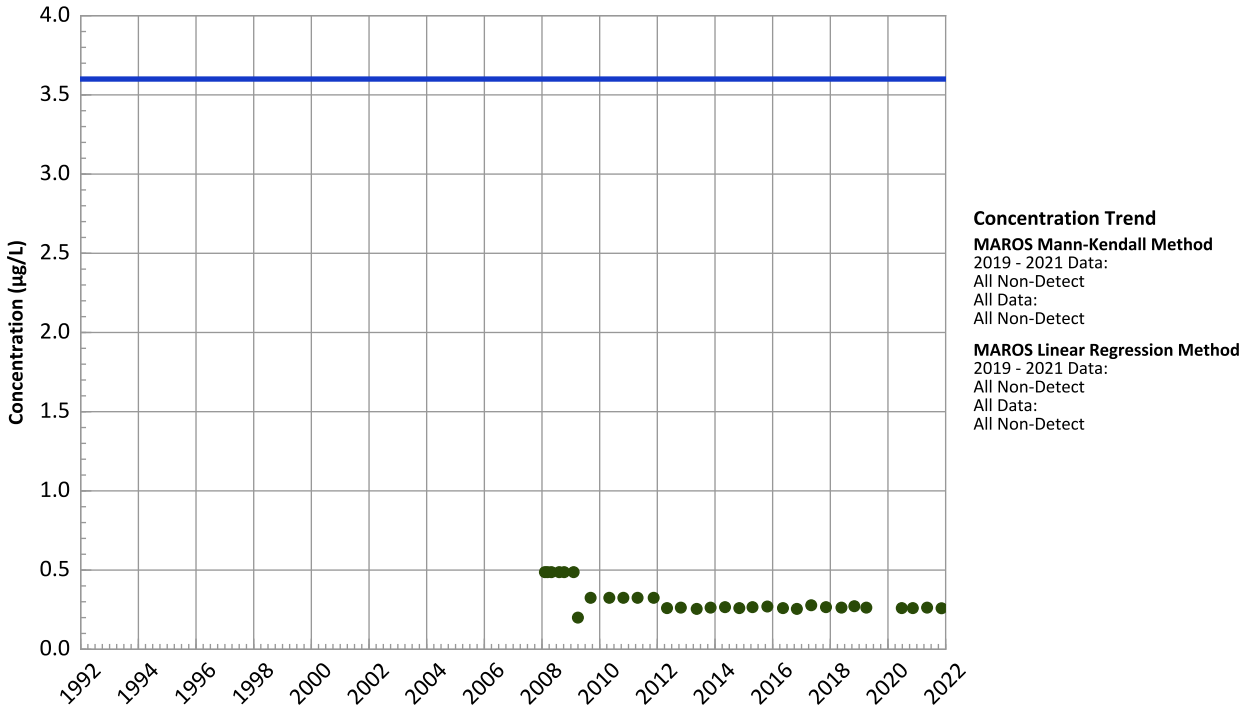
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

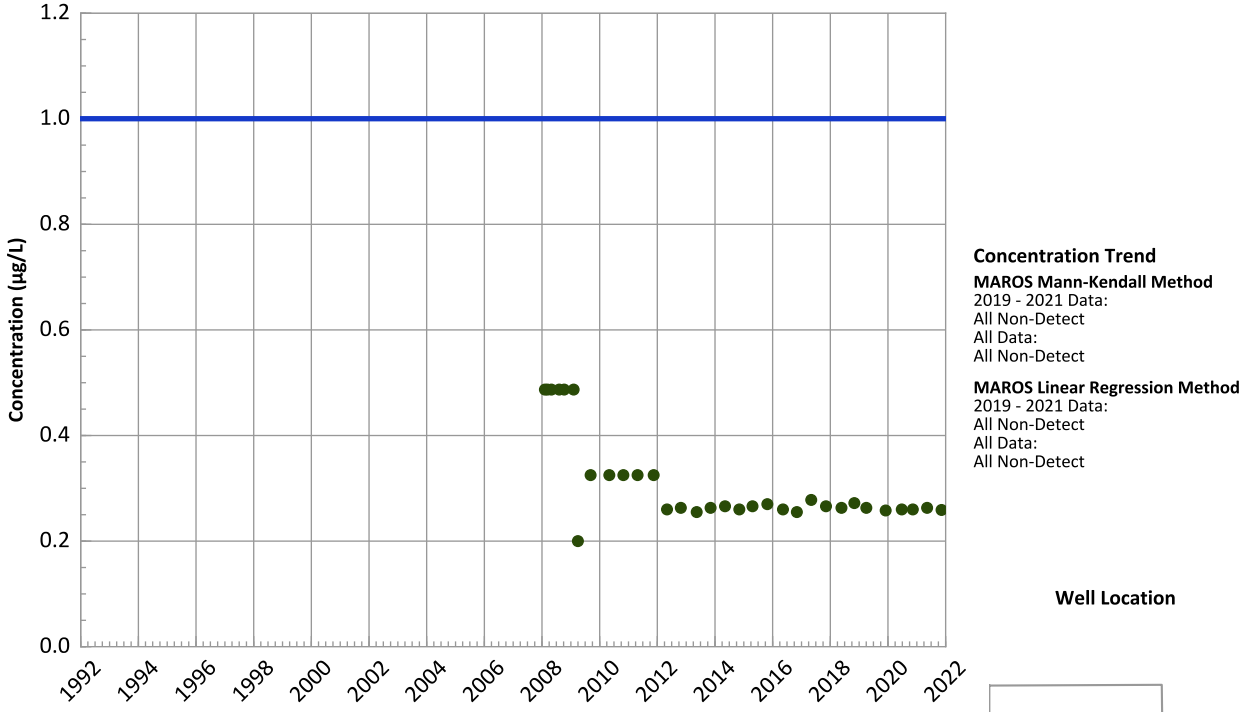


PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



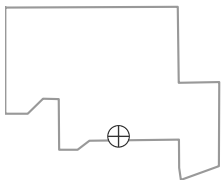
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

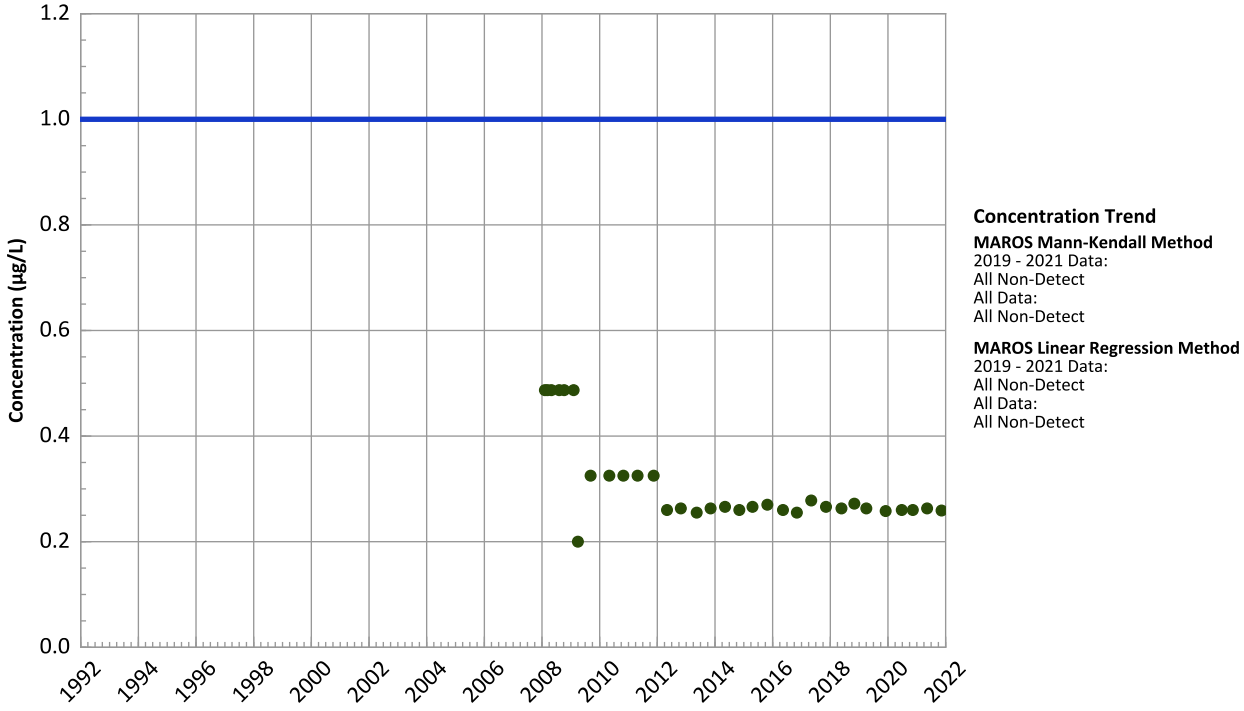
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

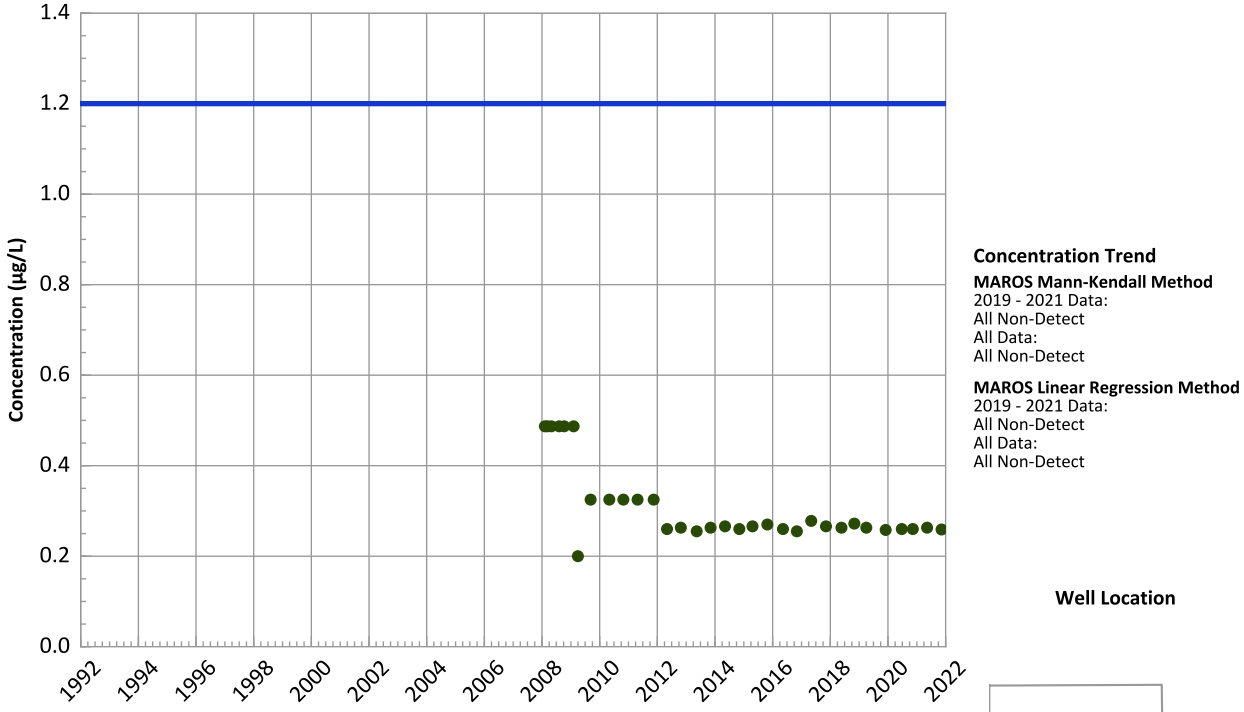


PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



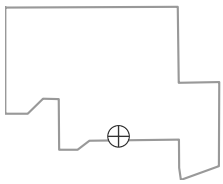
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

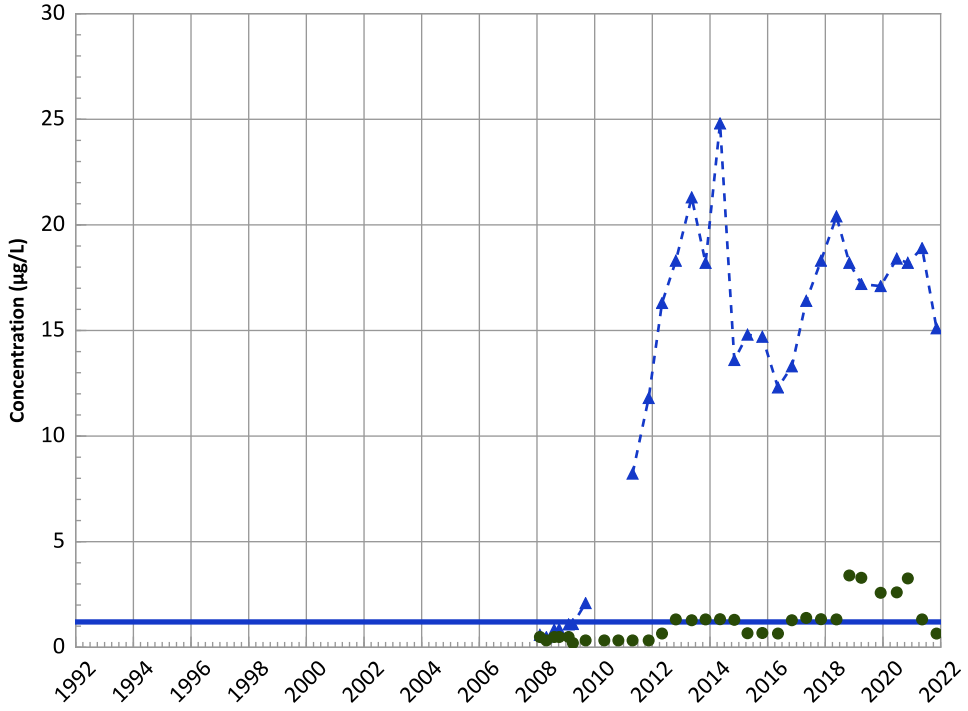
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

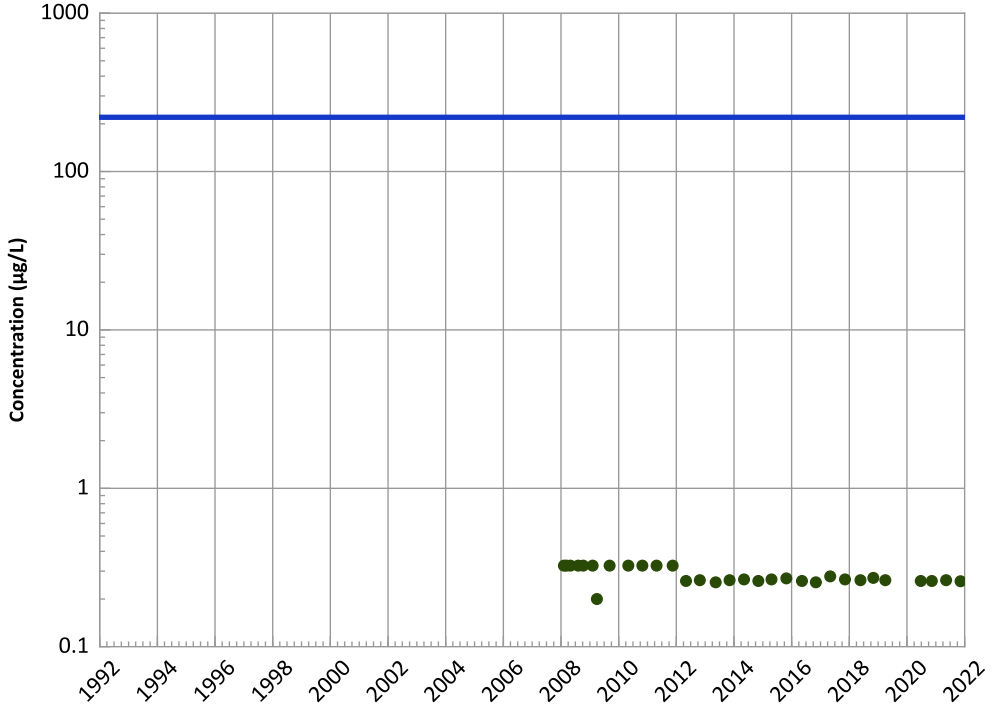


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

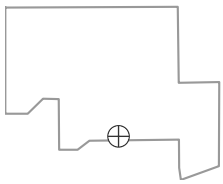
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

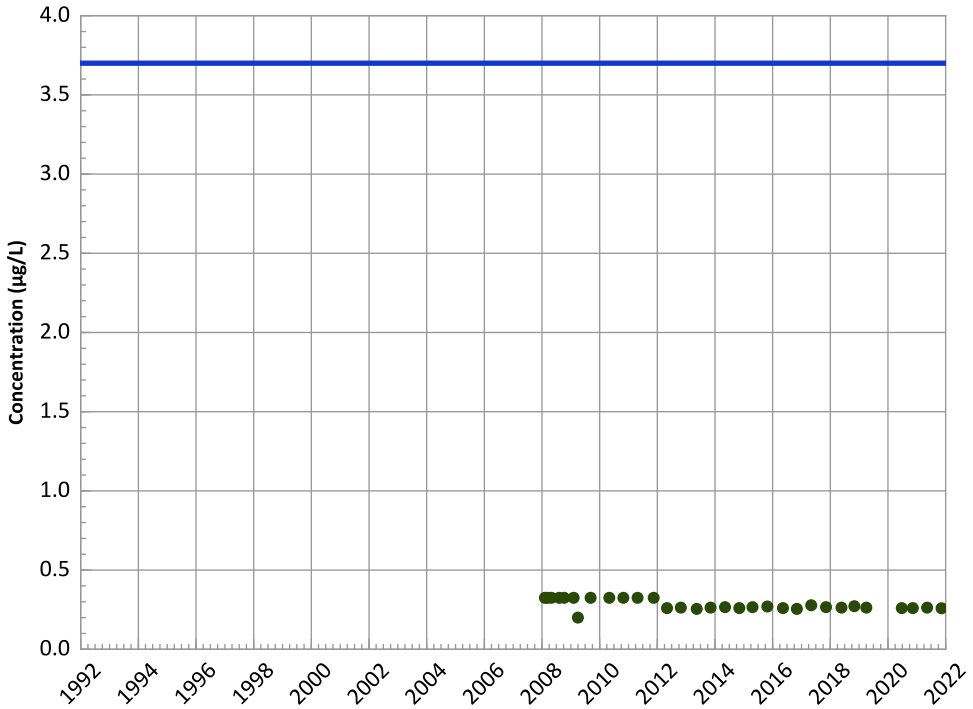
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

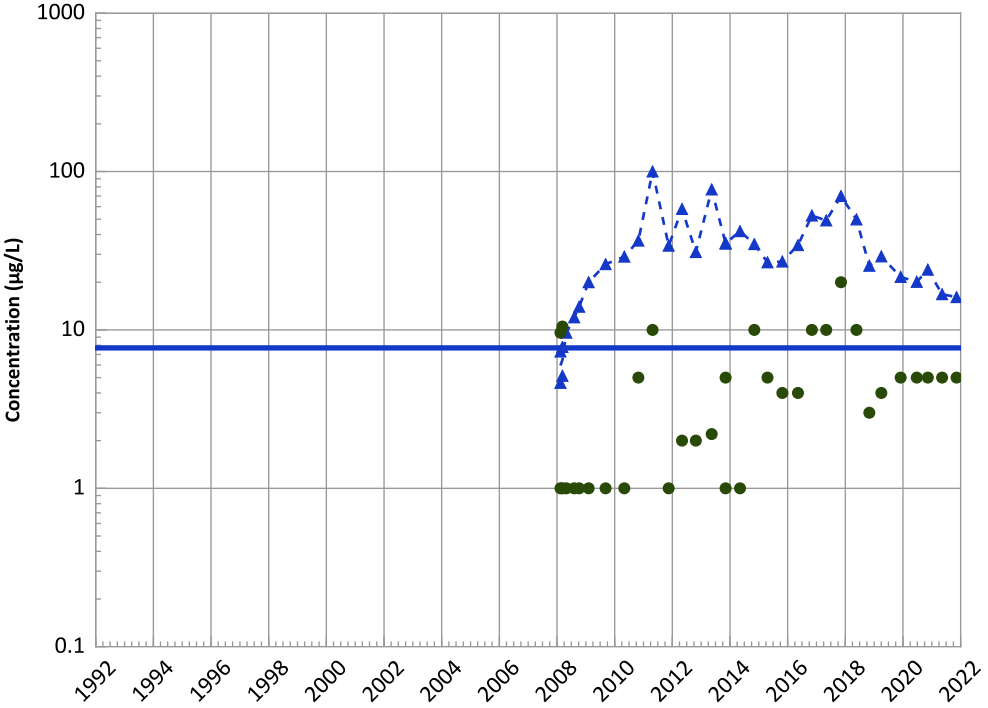


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

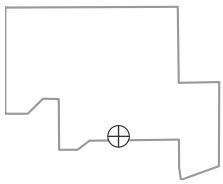
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

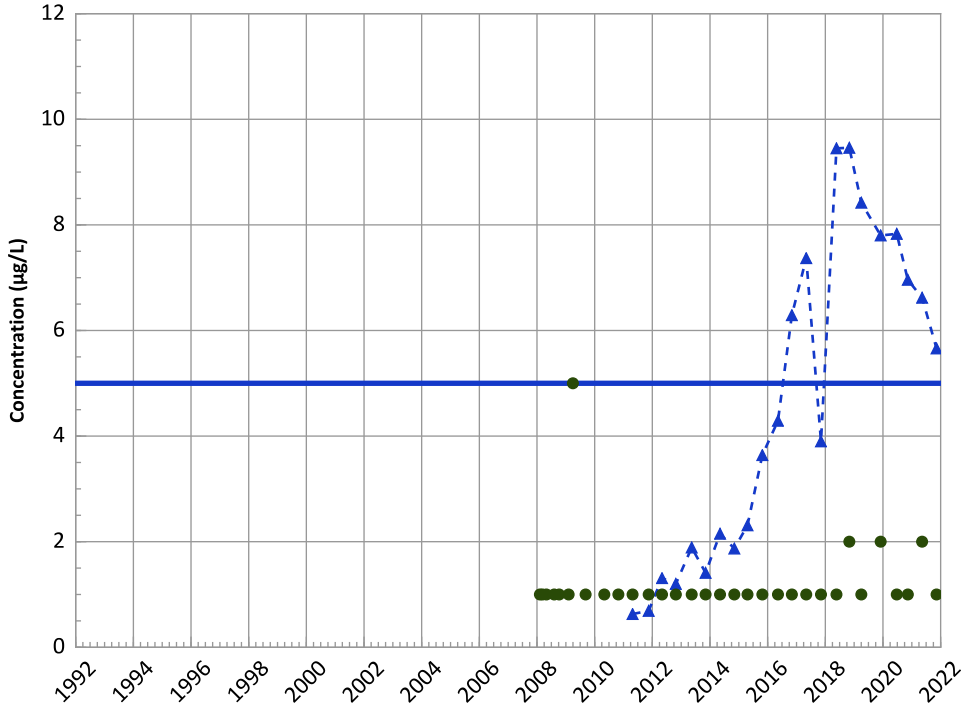
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

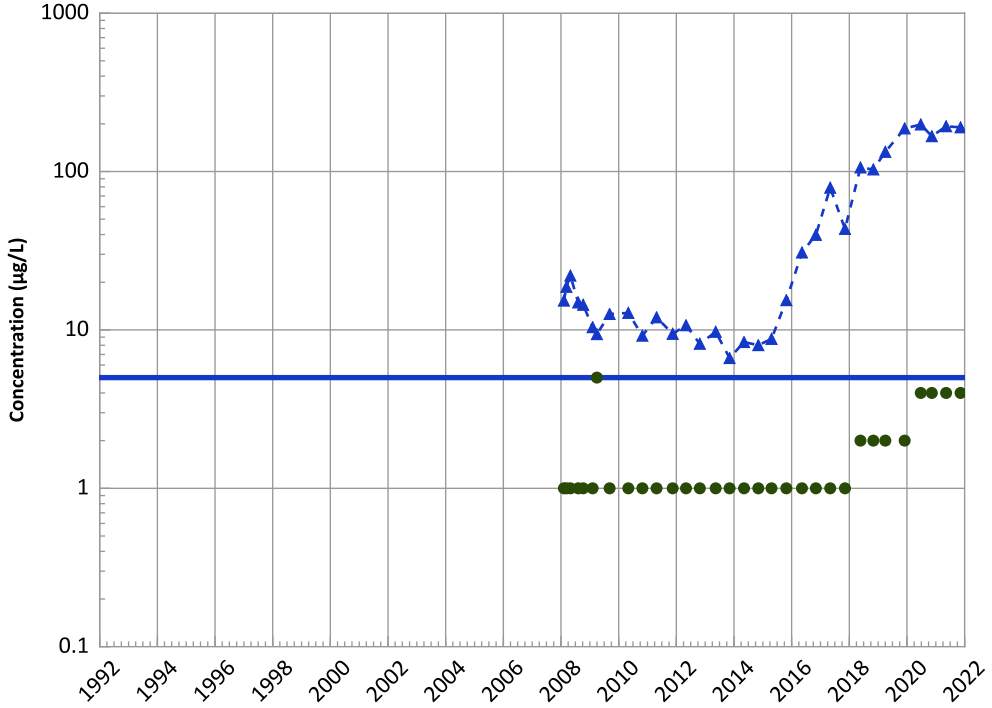


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

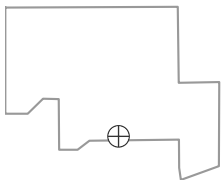
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

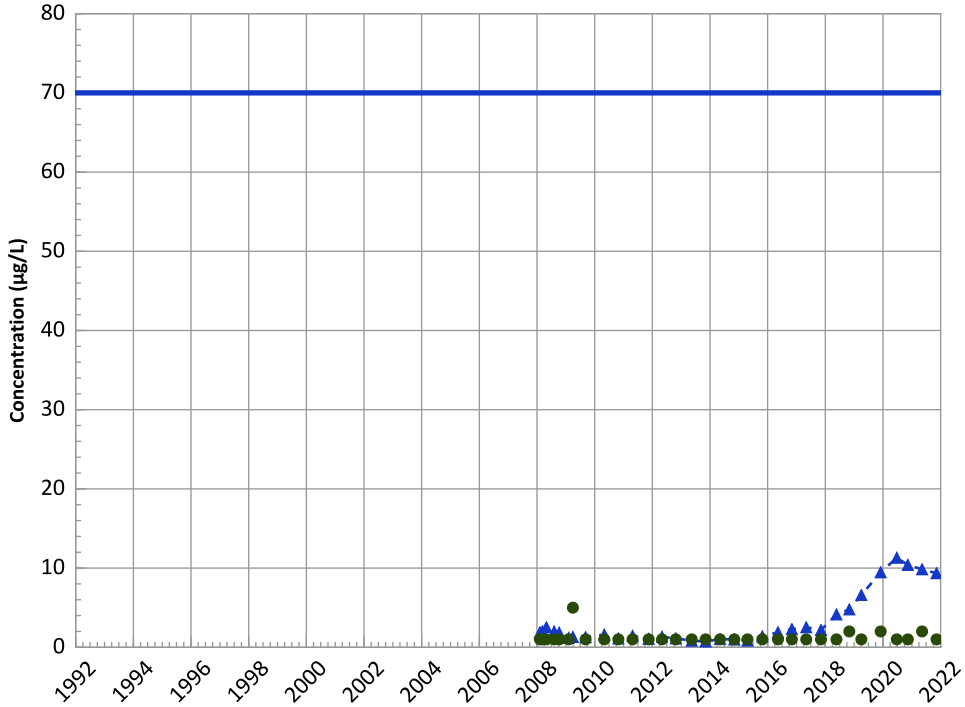
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

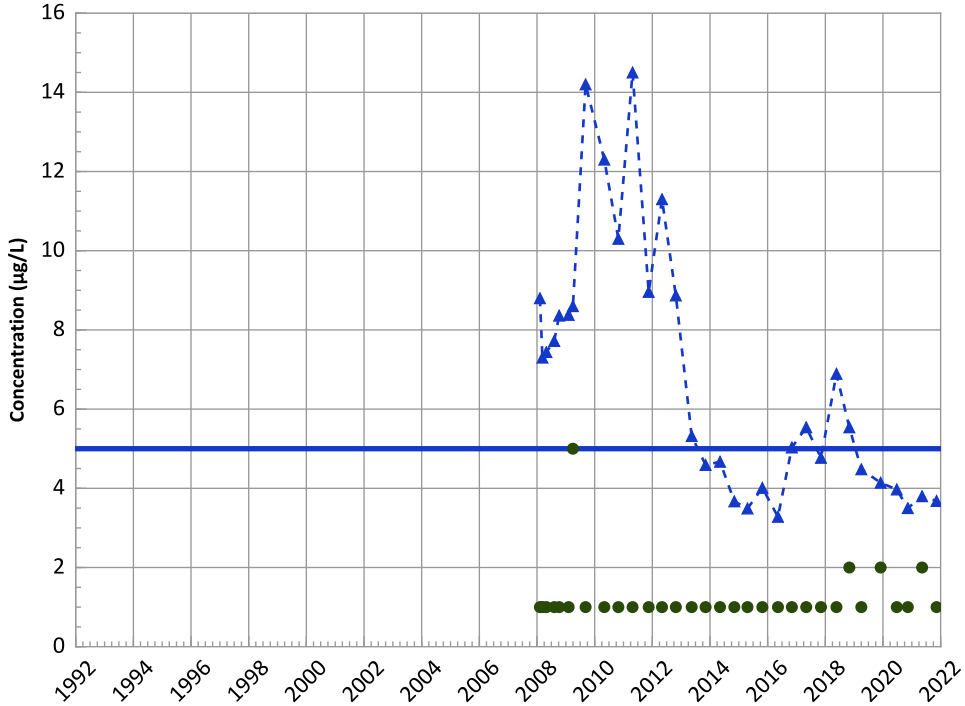


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

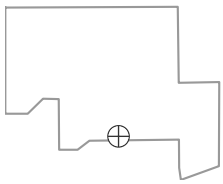
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

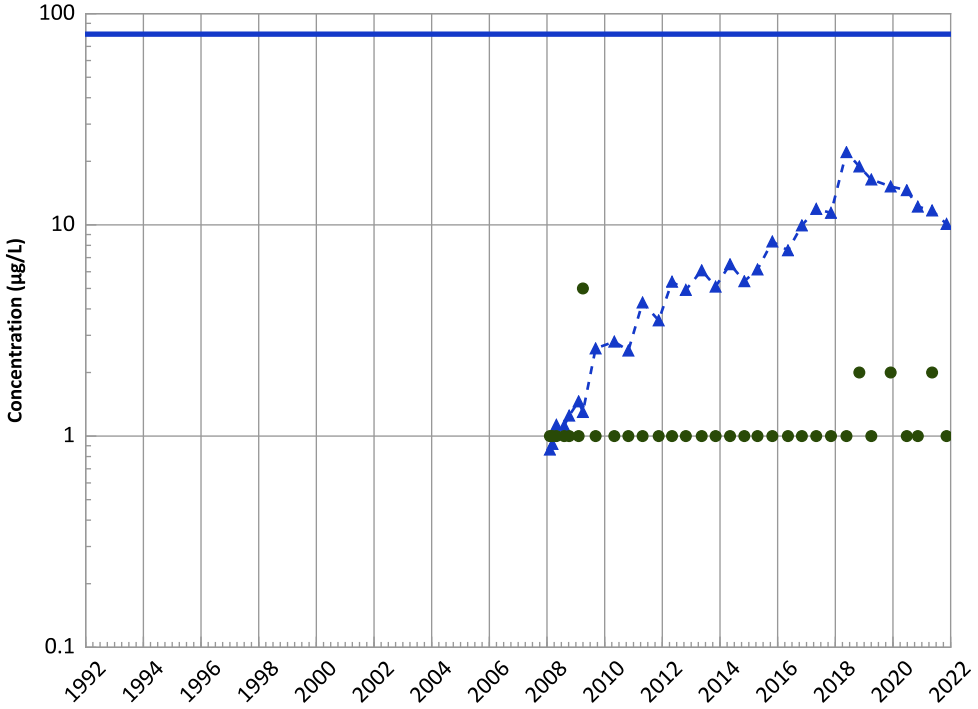
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

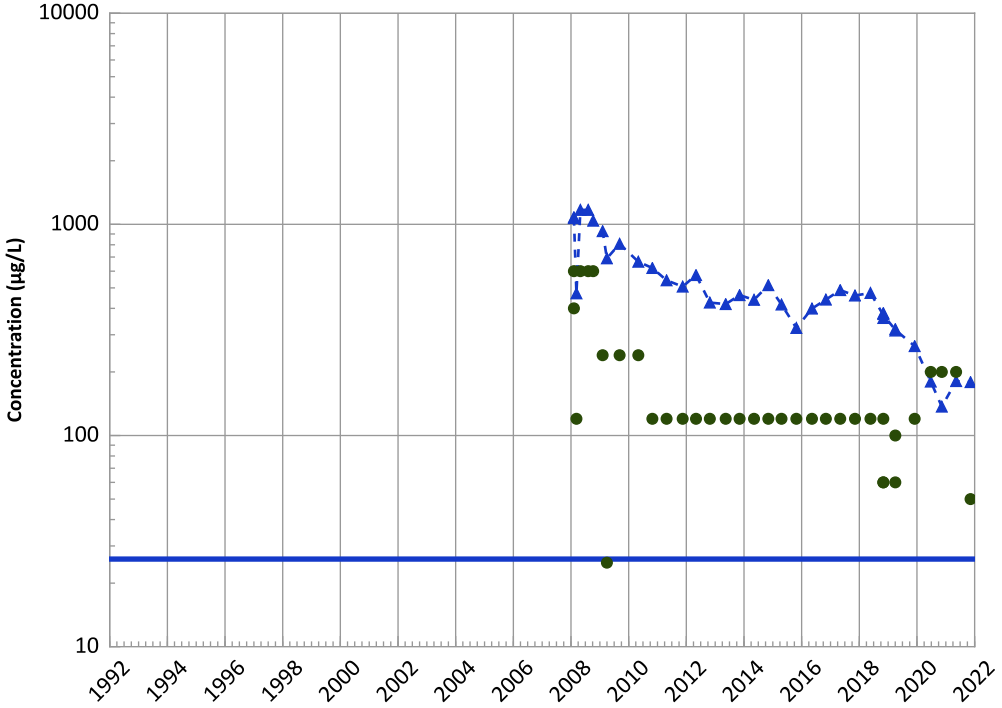


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Perchlorate Trend



Concentration Trend

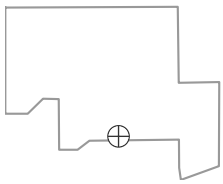
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

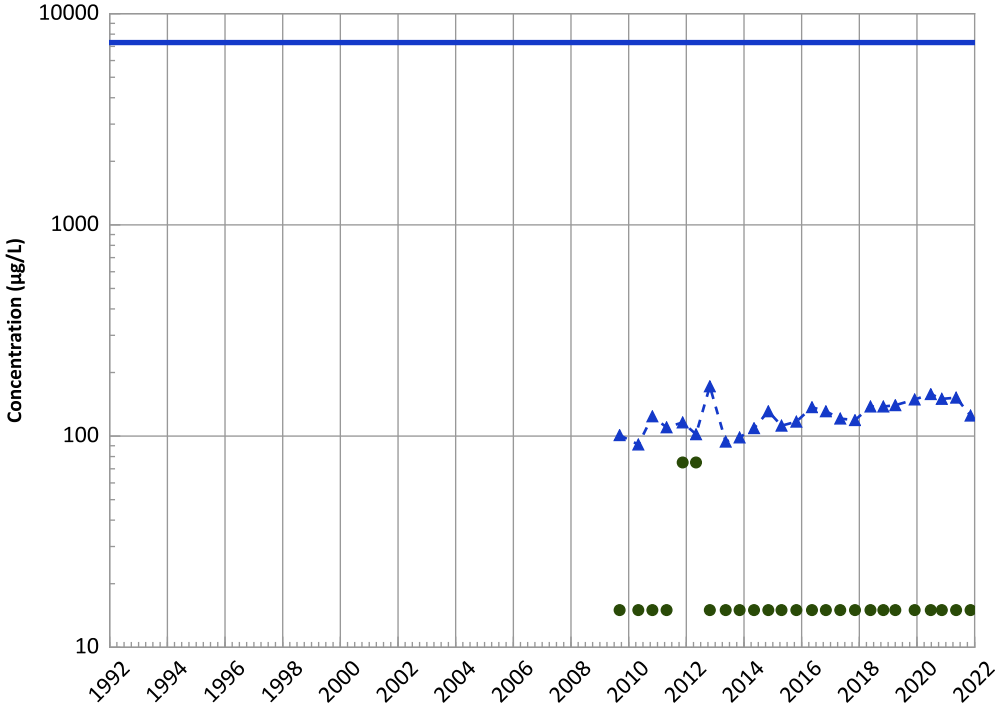
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

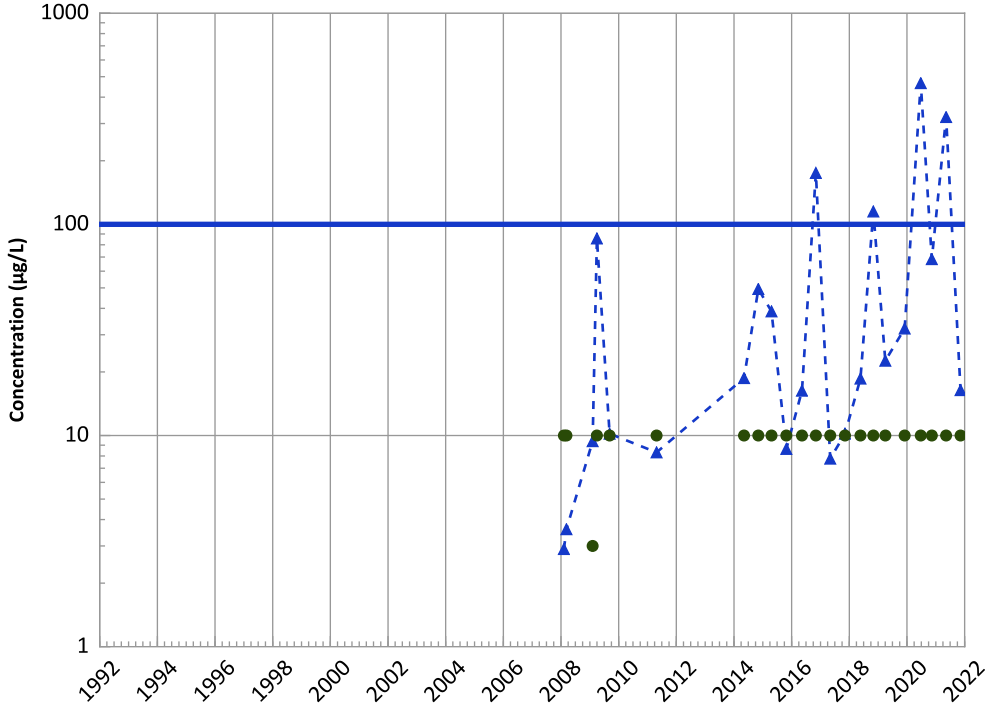


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

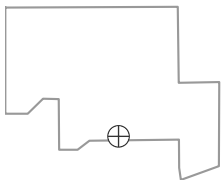
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

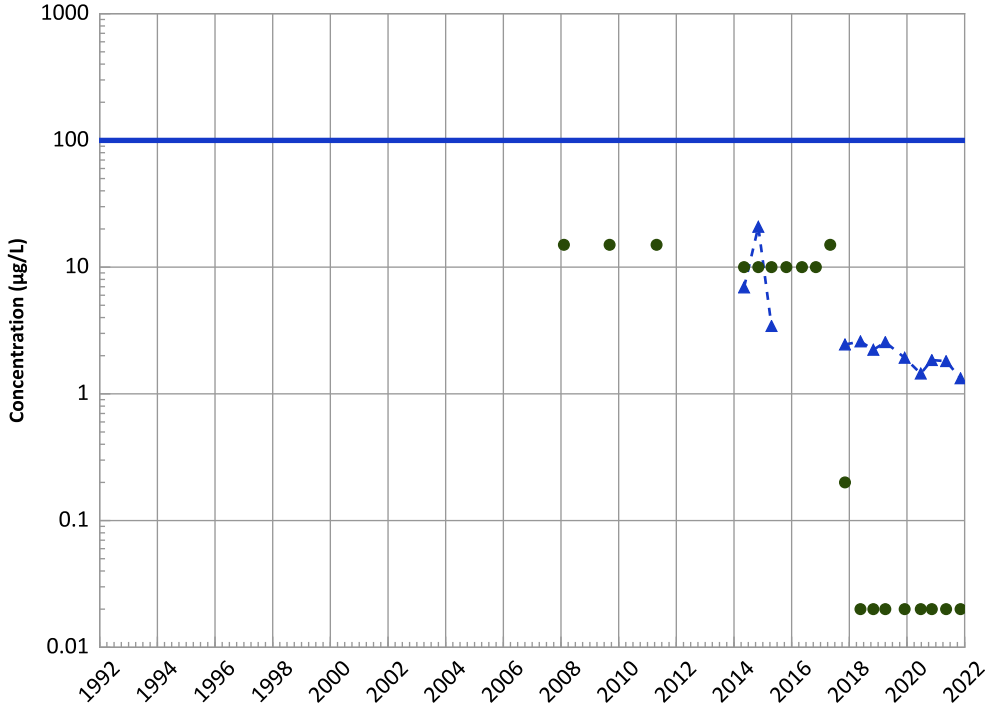
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1127 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

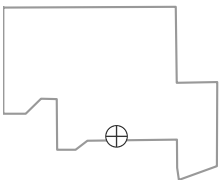
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

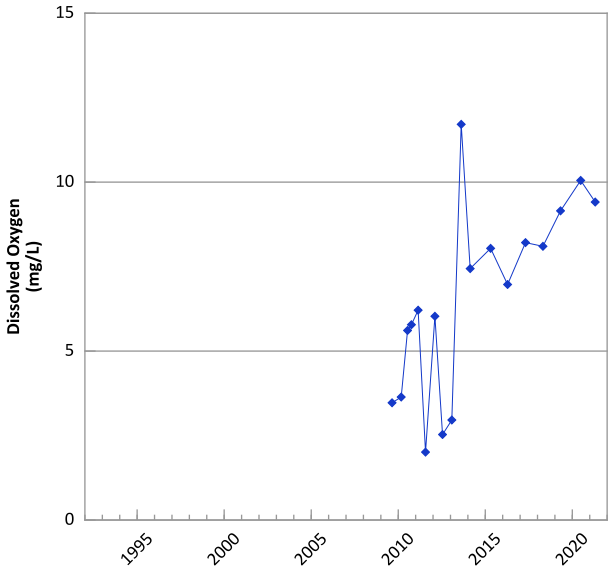
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/07/2008 to 11/10/2021
Analysis Date: 04/05/2022

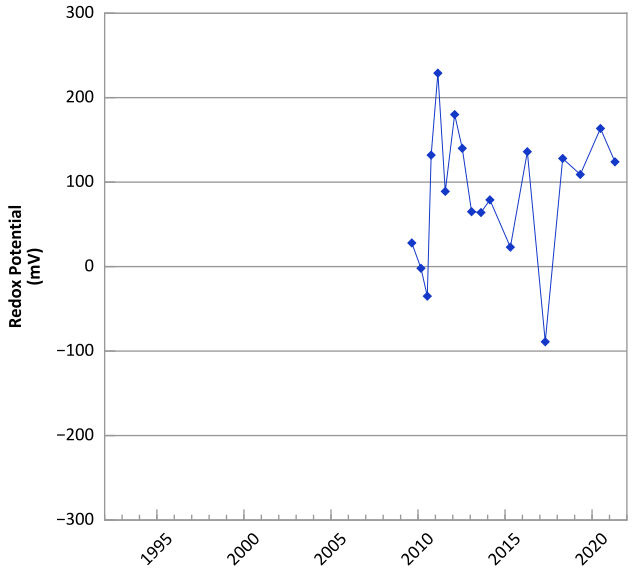
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

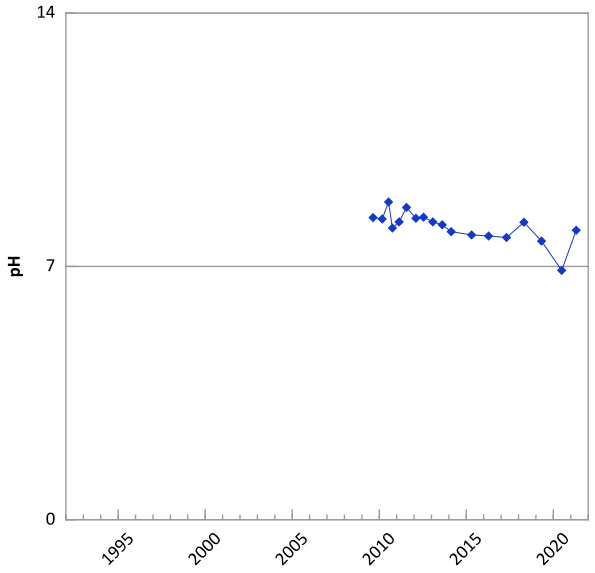
Well Location

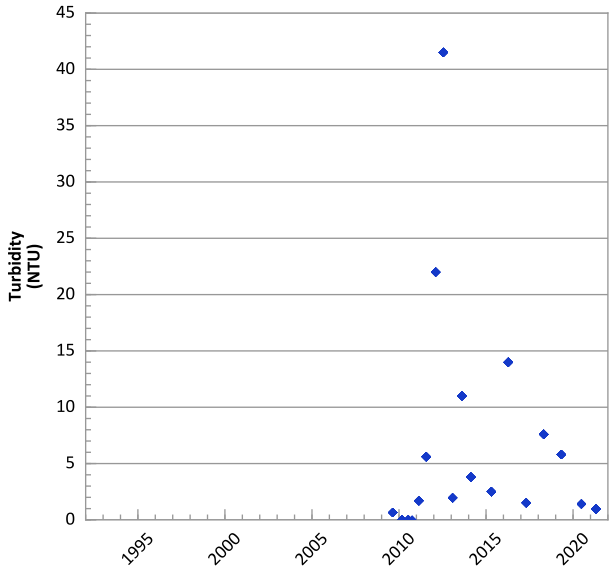


PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



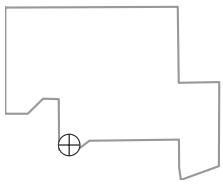






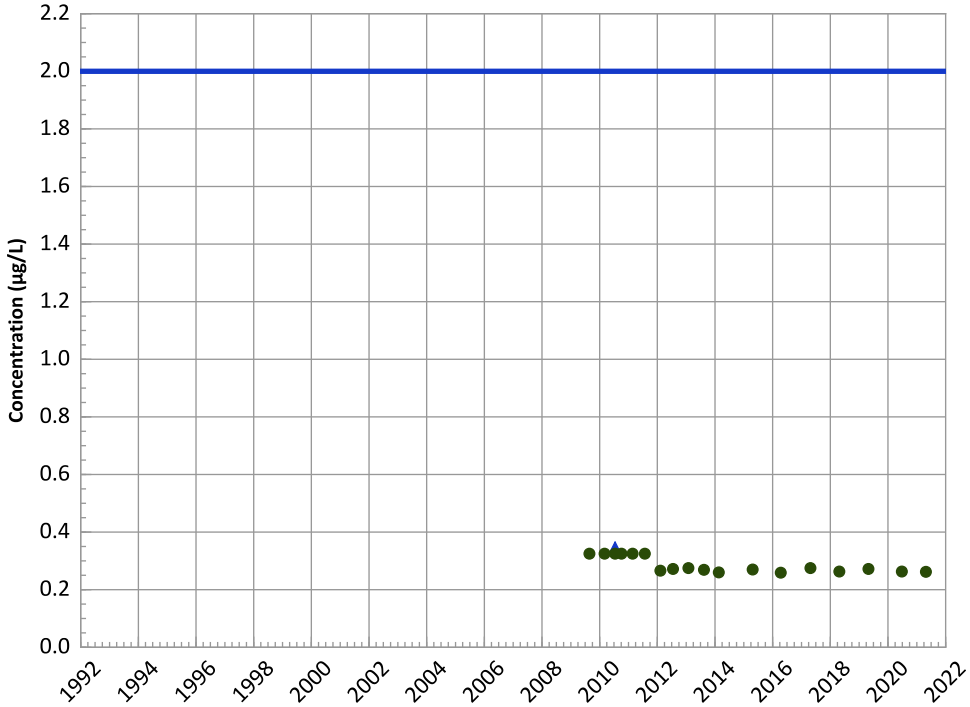
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

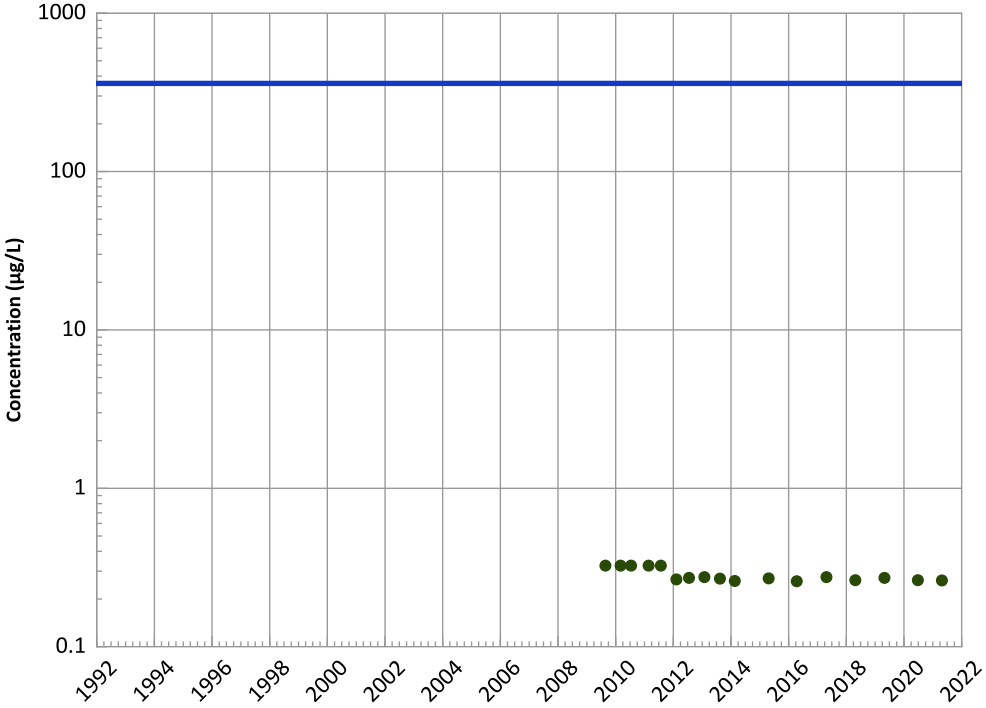


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

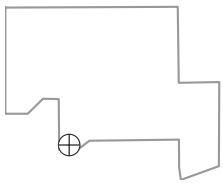
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

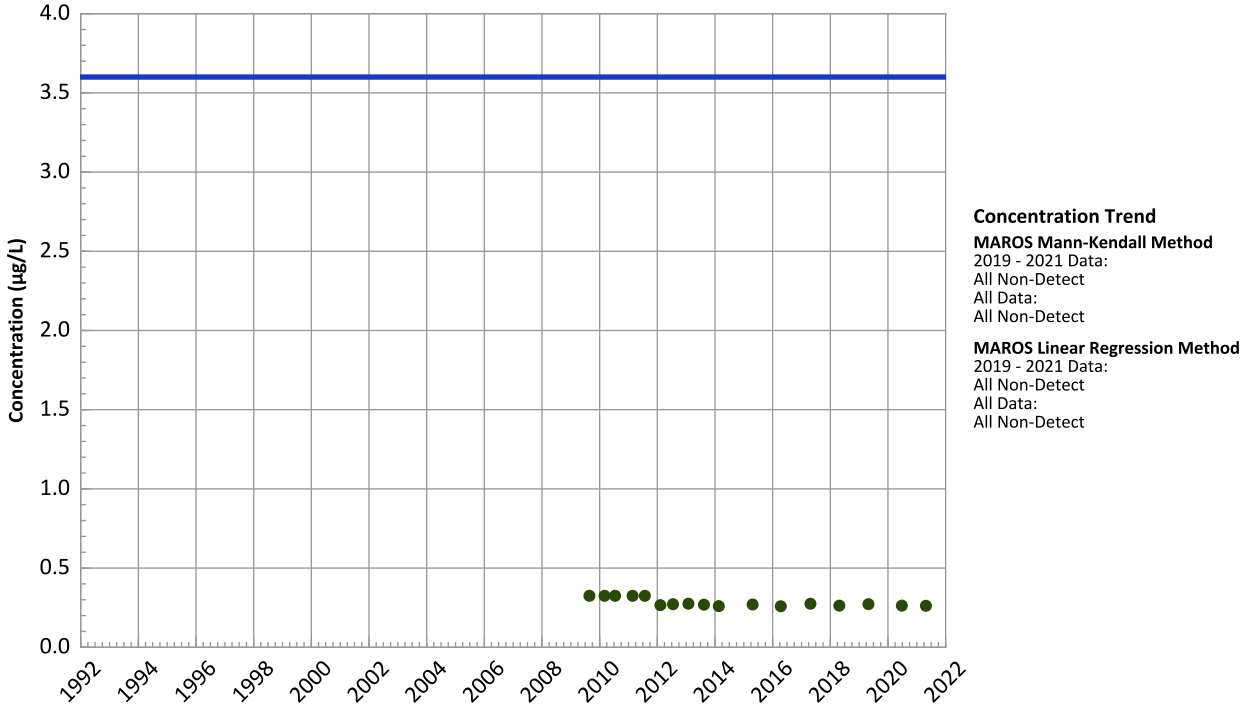
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

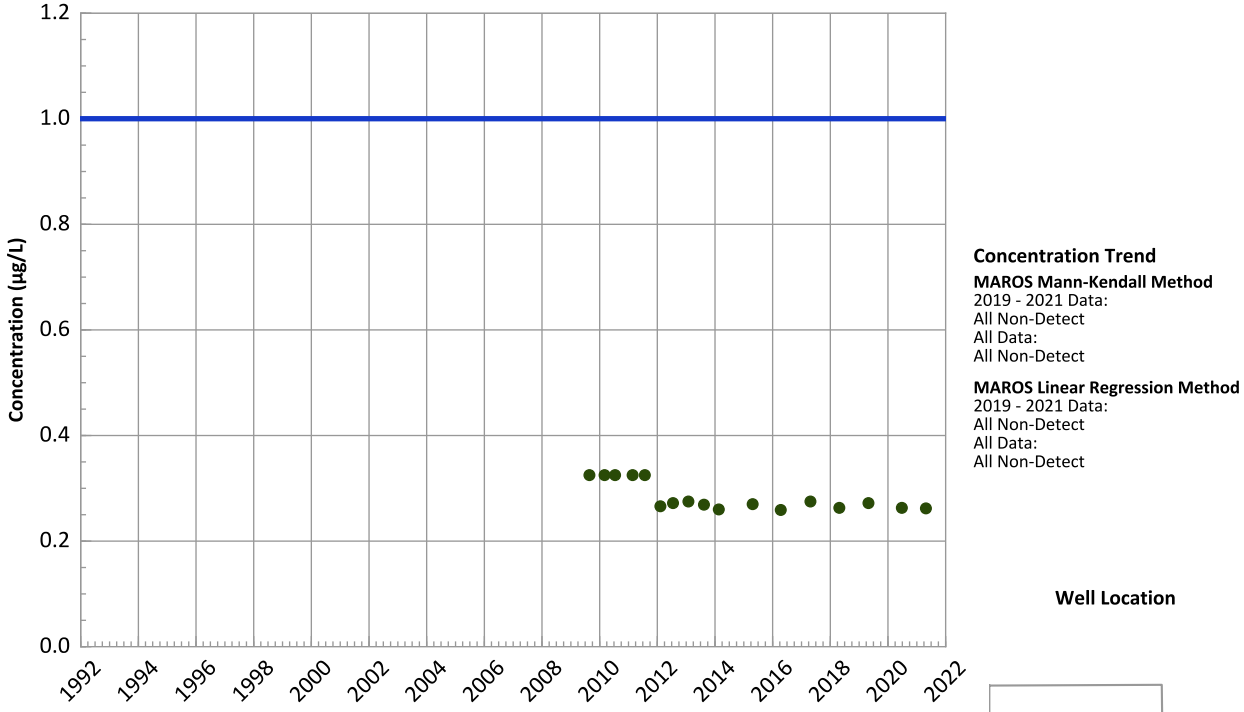


PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



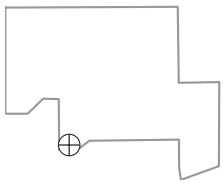
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

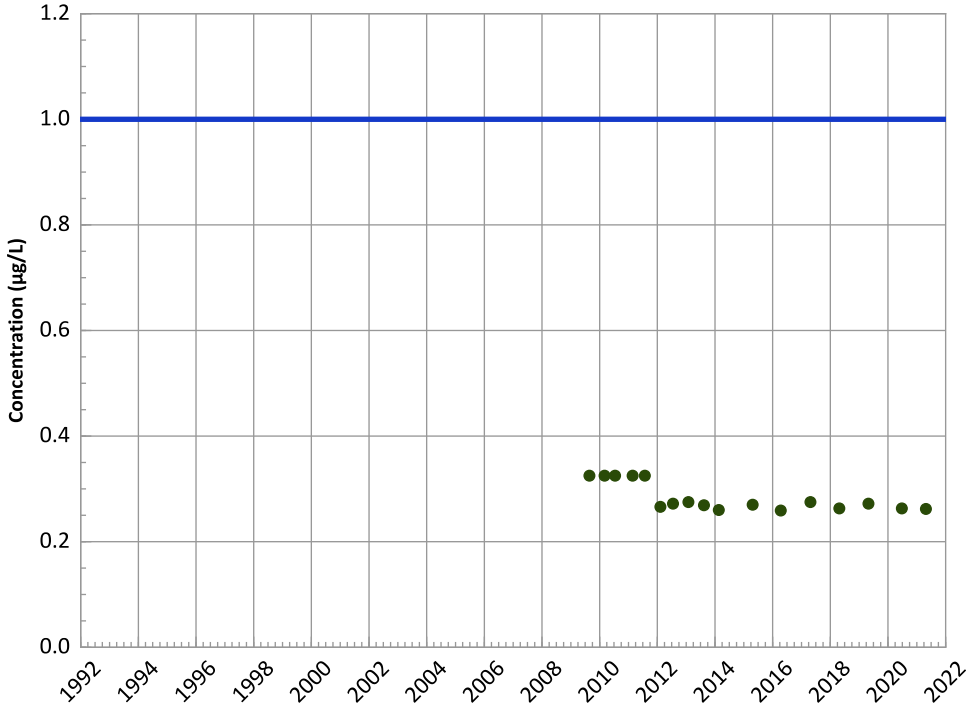
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

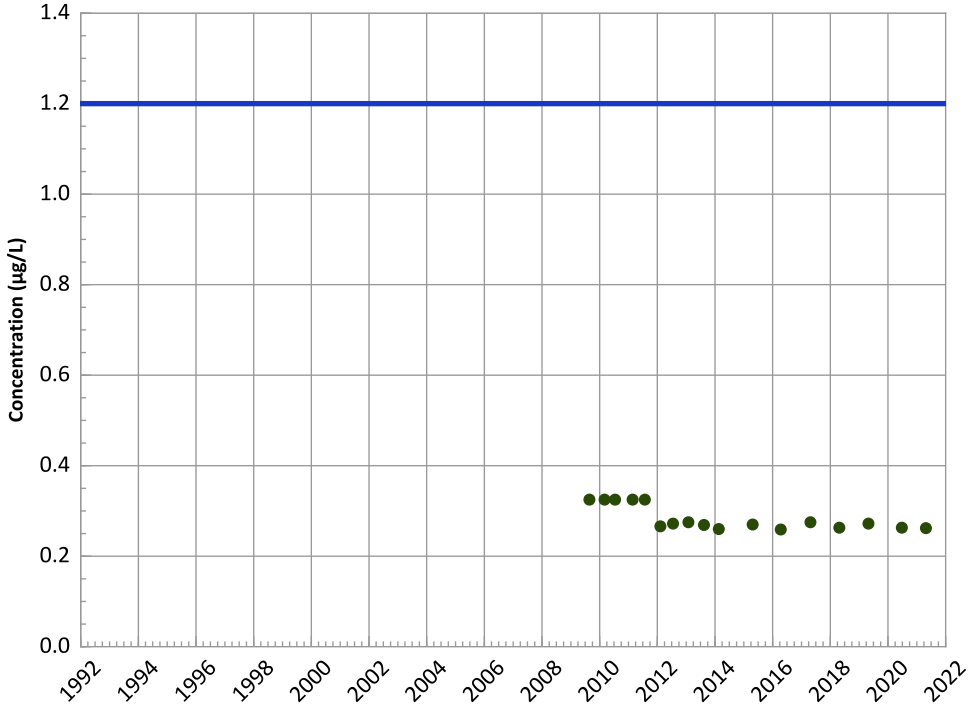


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

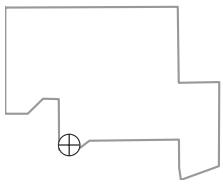
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

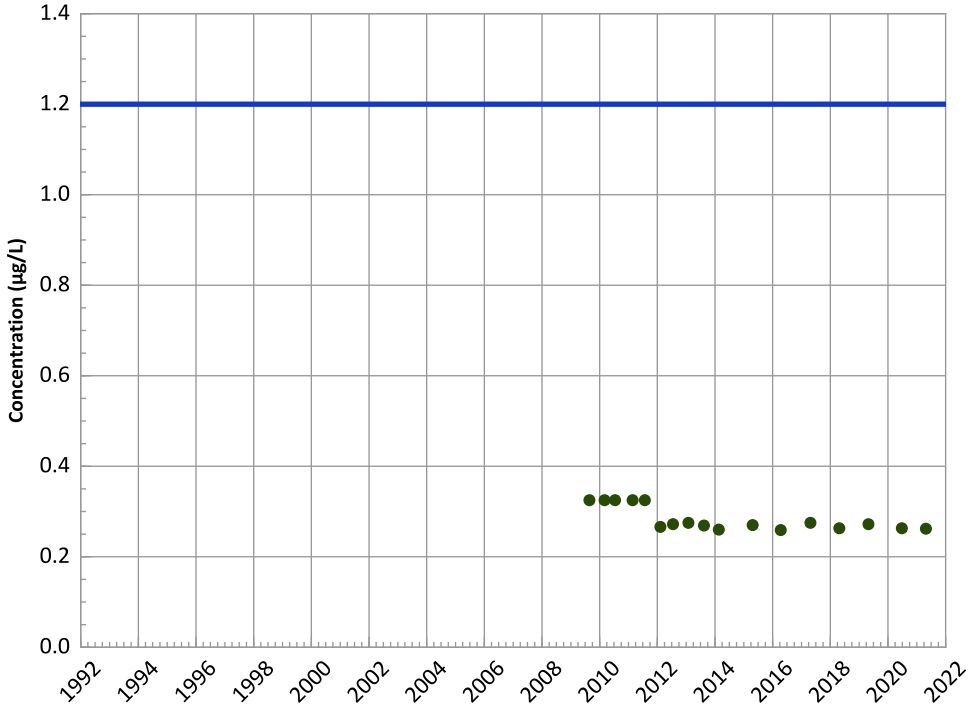
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

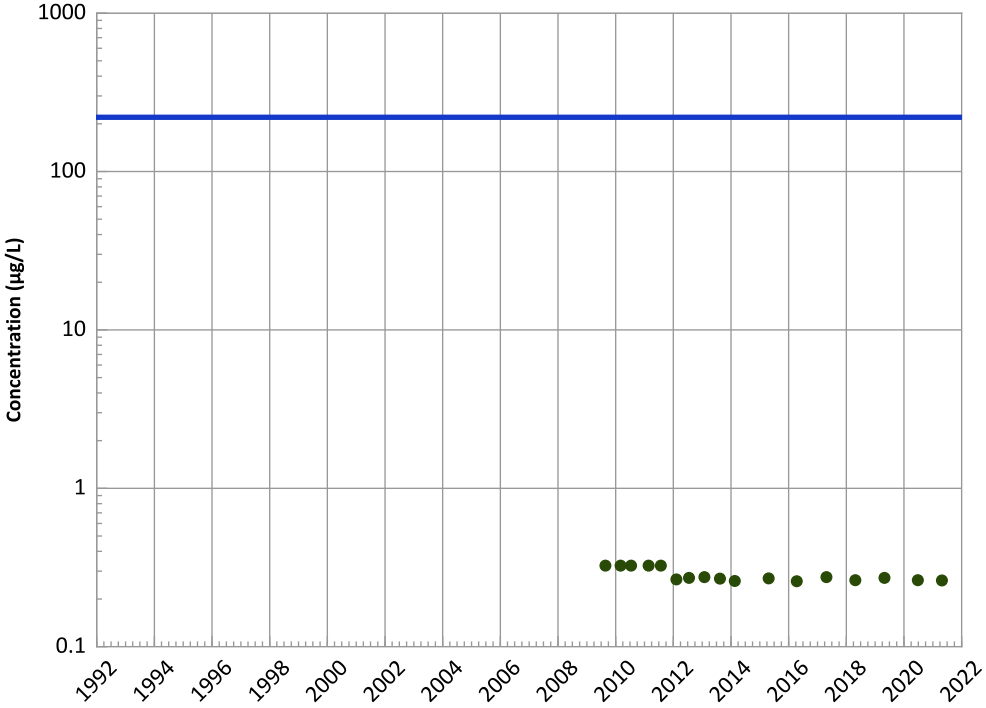


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

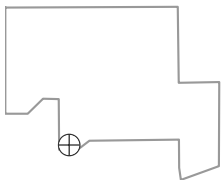
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

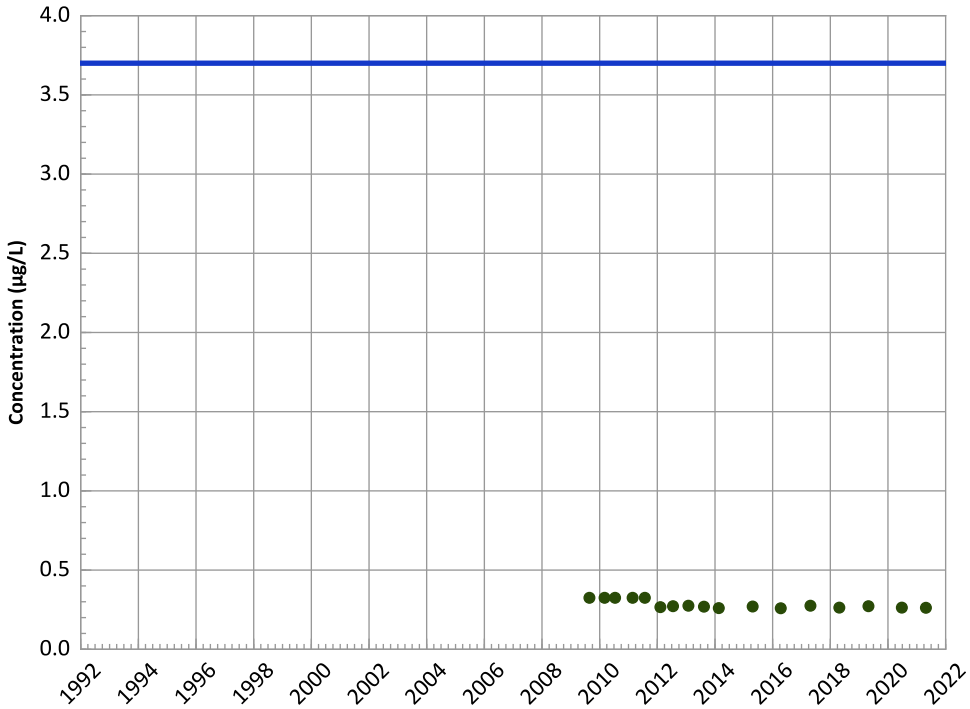
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

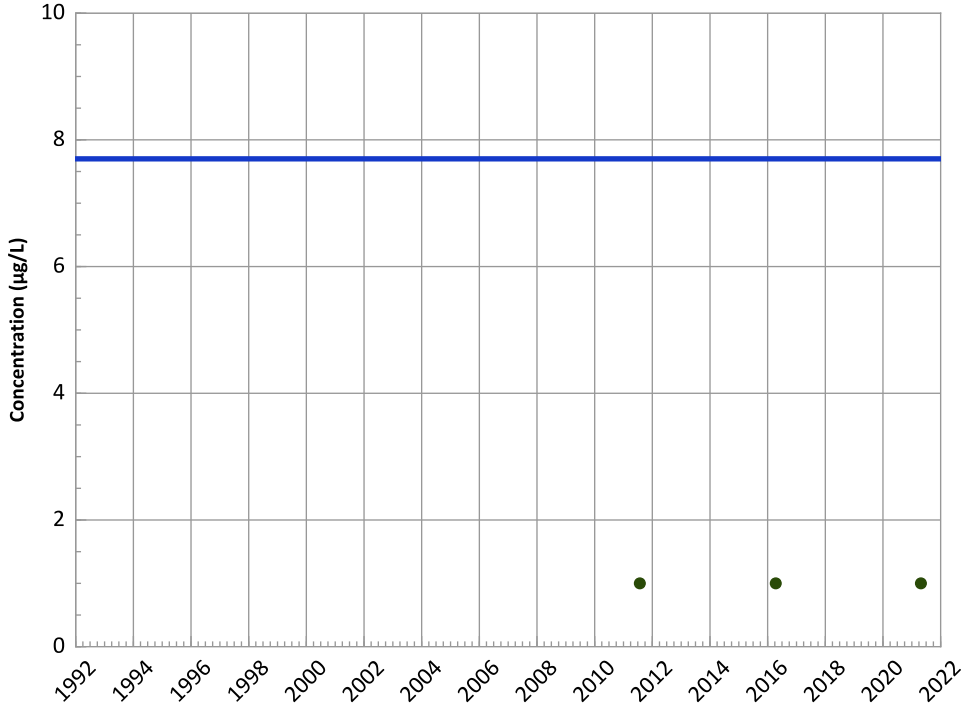


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

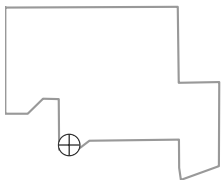
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

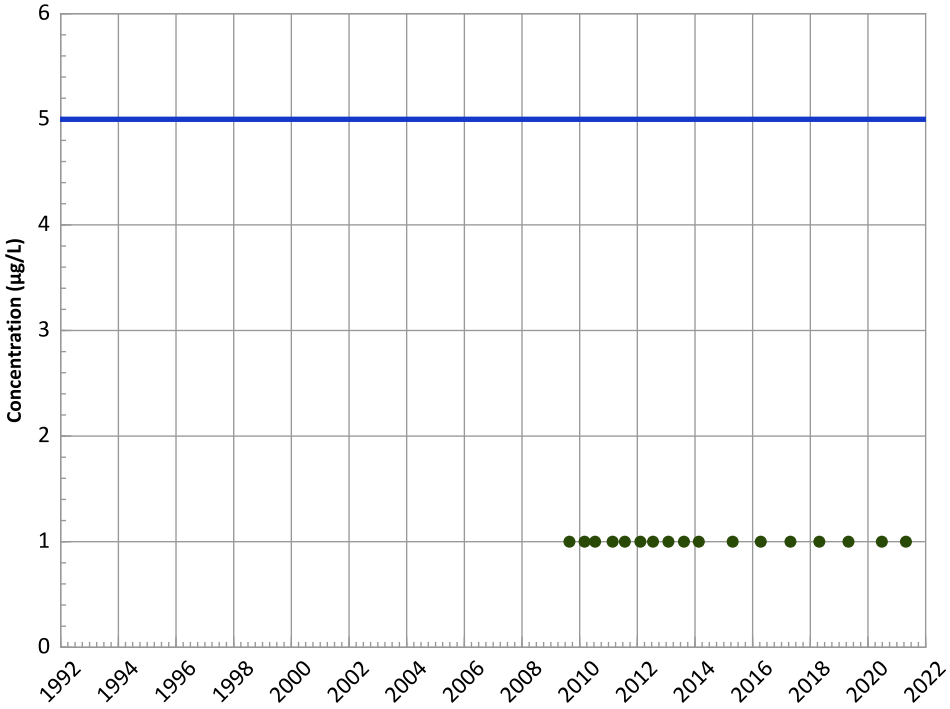
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

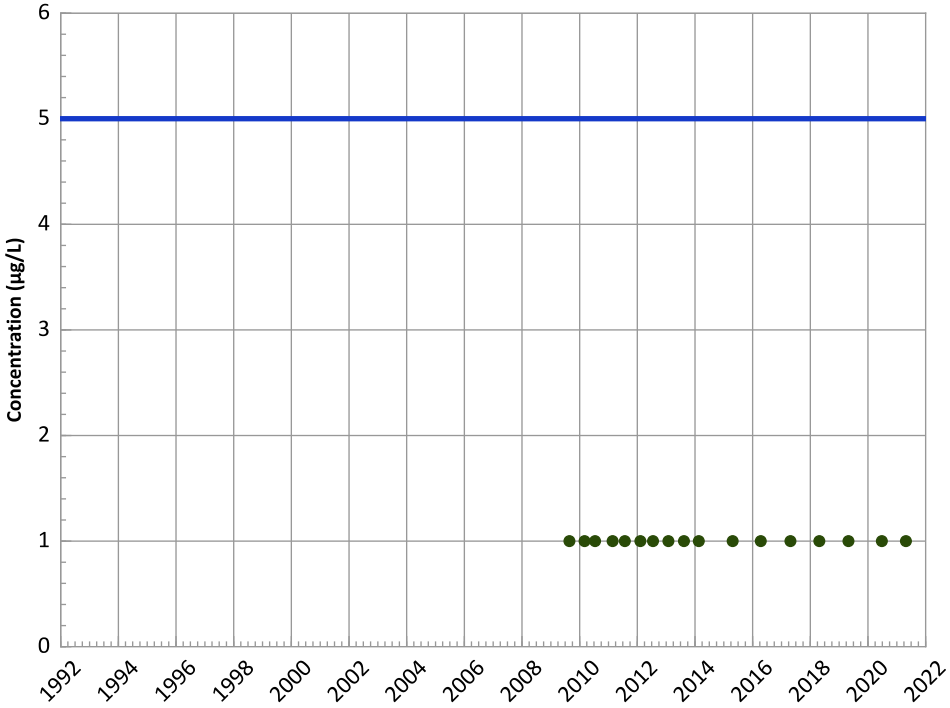


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

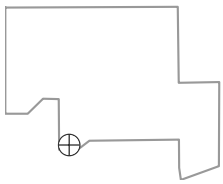
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

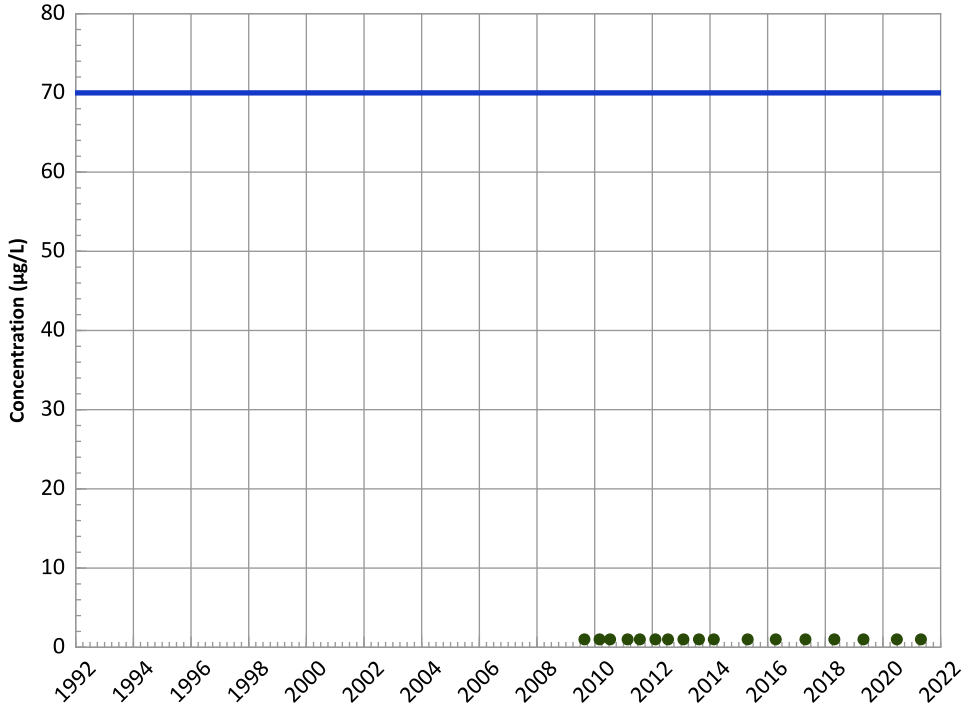
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

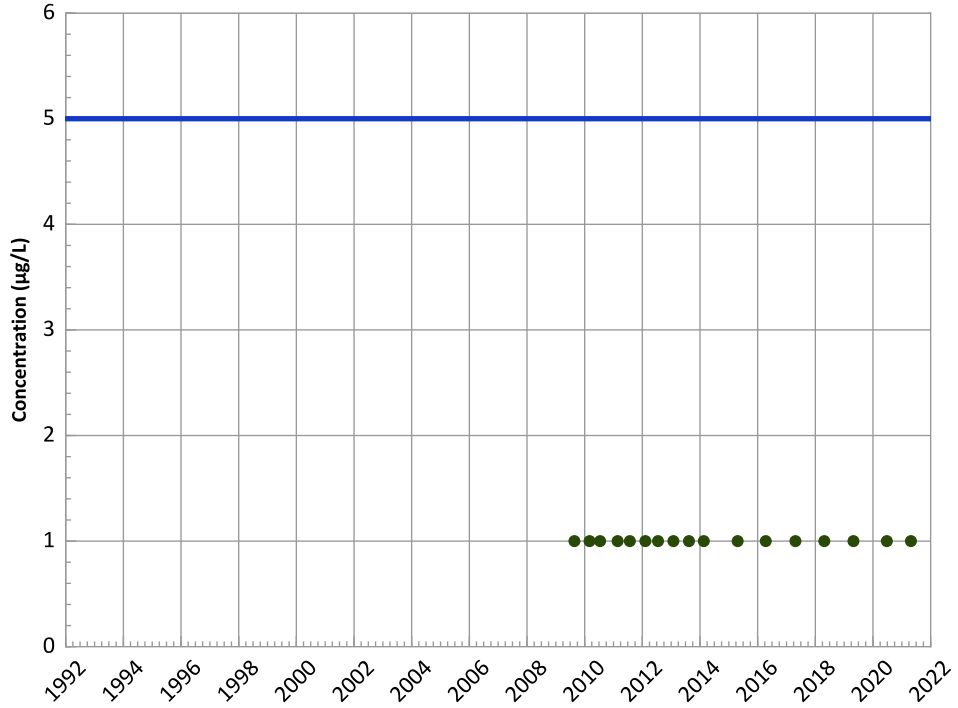


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

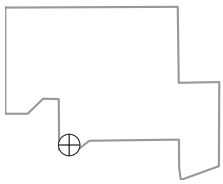
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

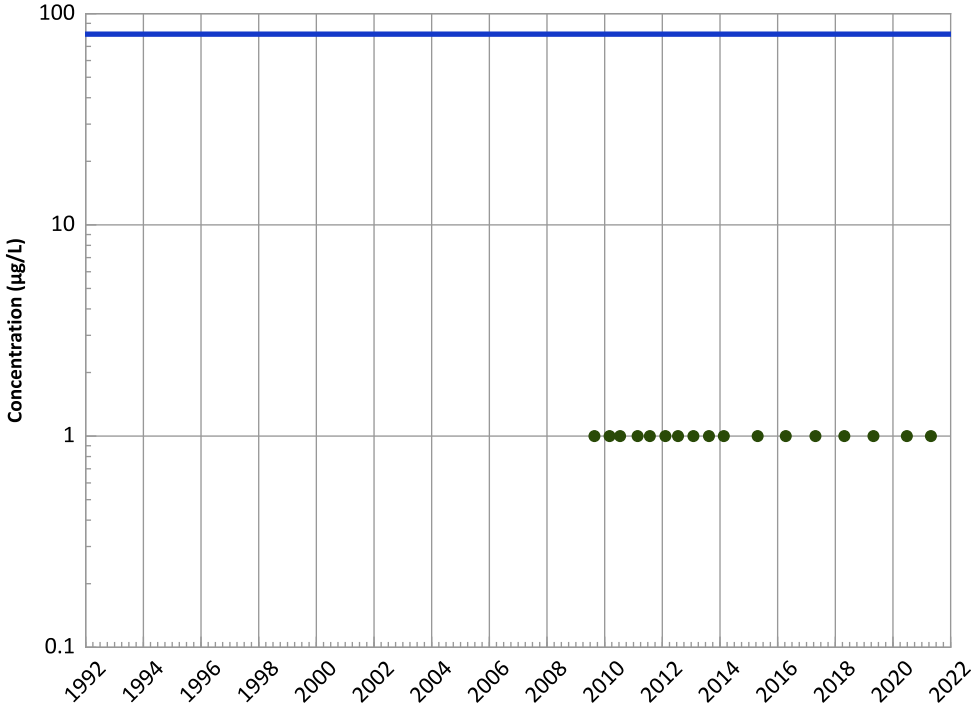
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

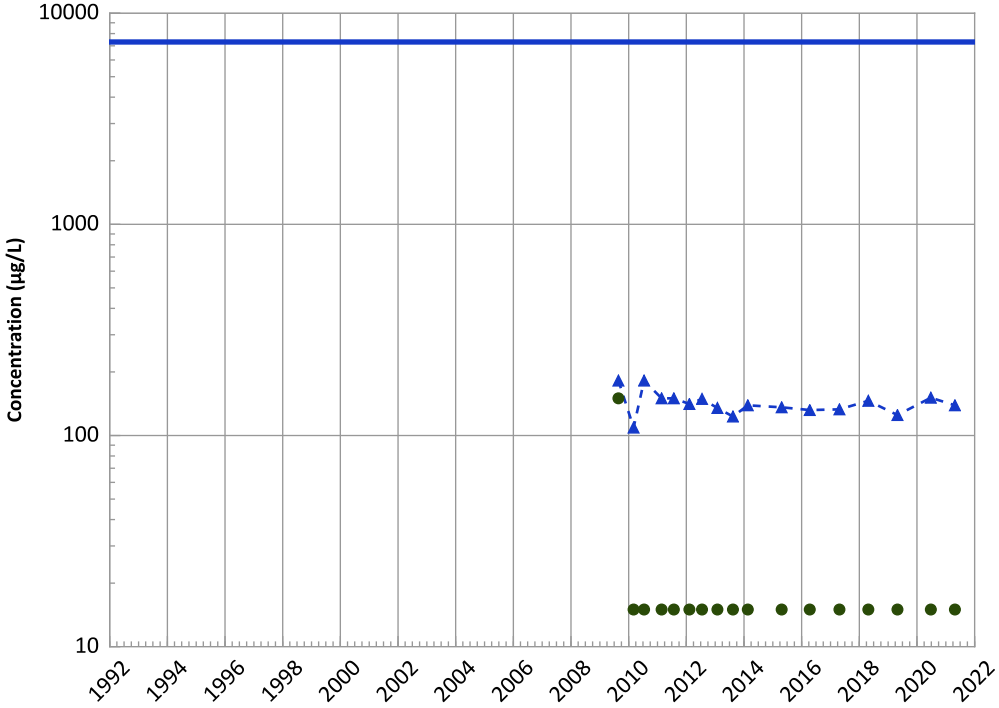


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

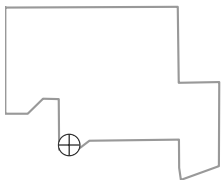
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

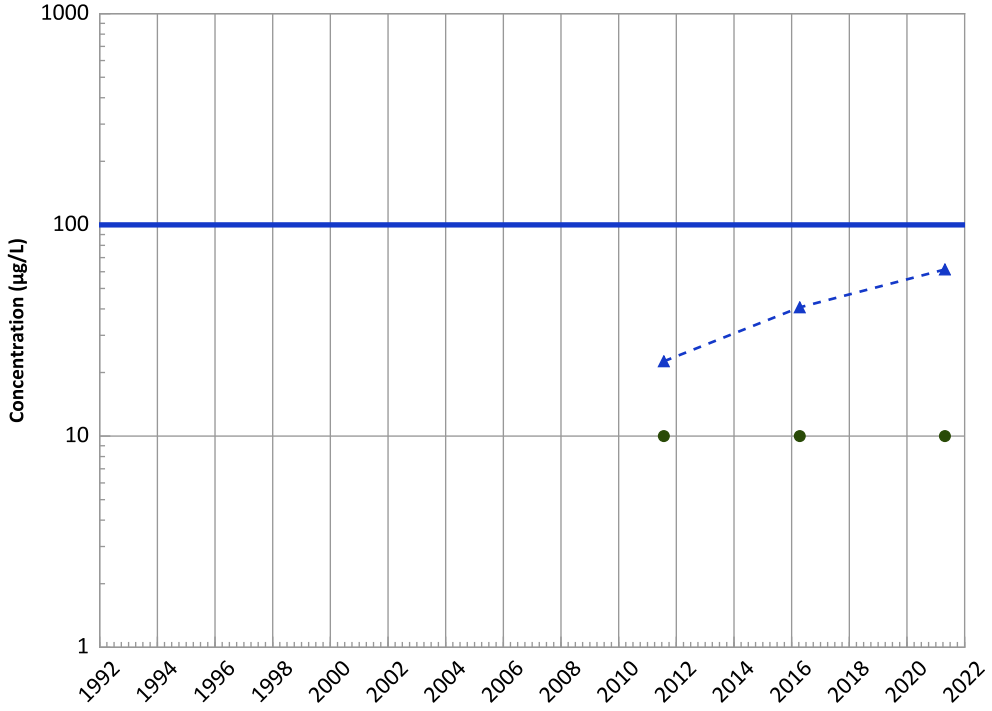
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

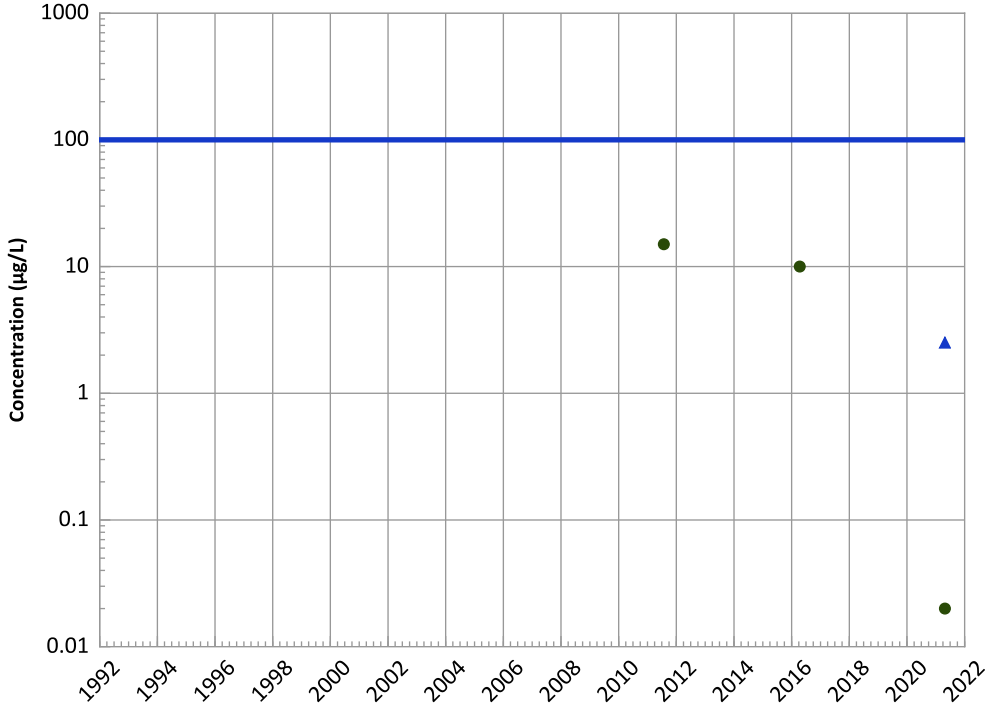


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

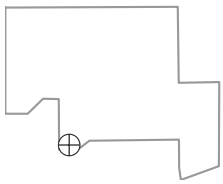
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

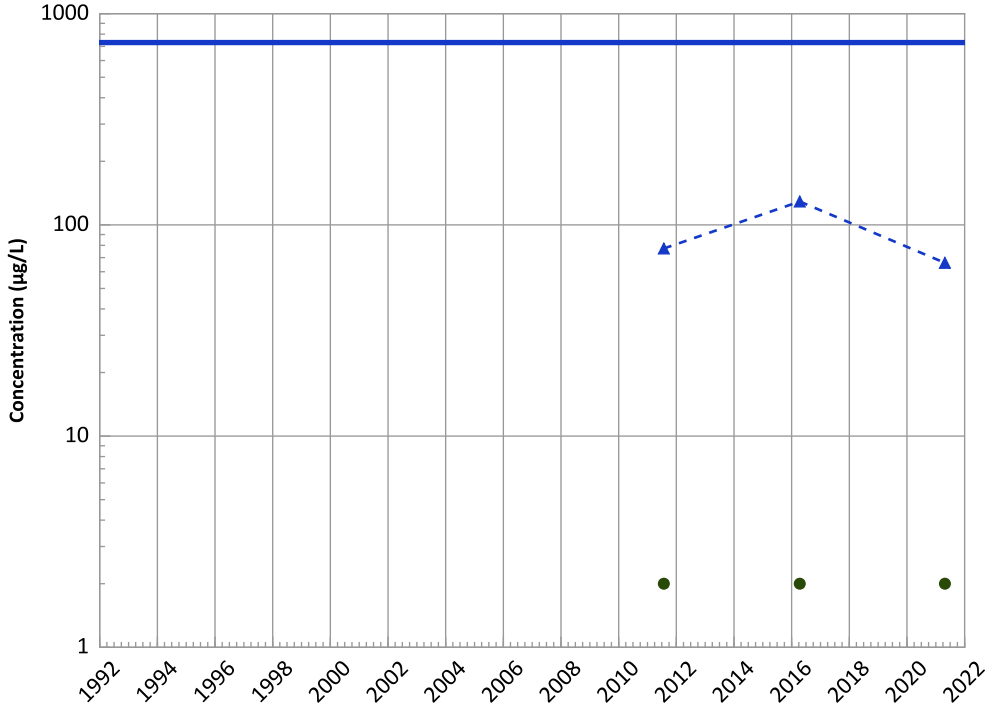
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

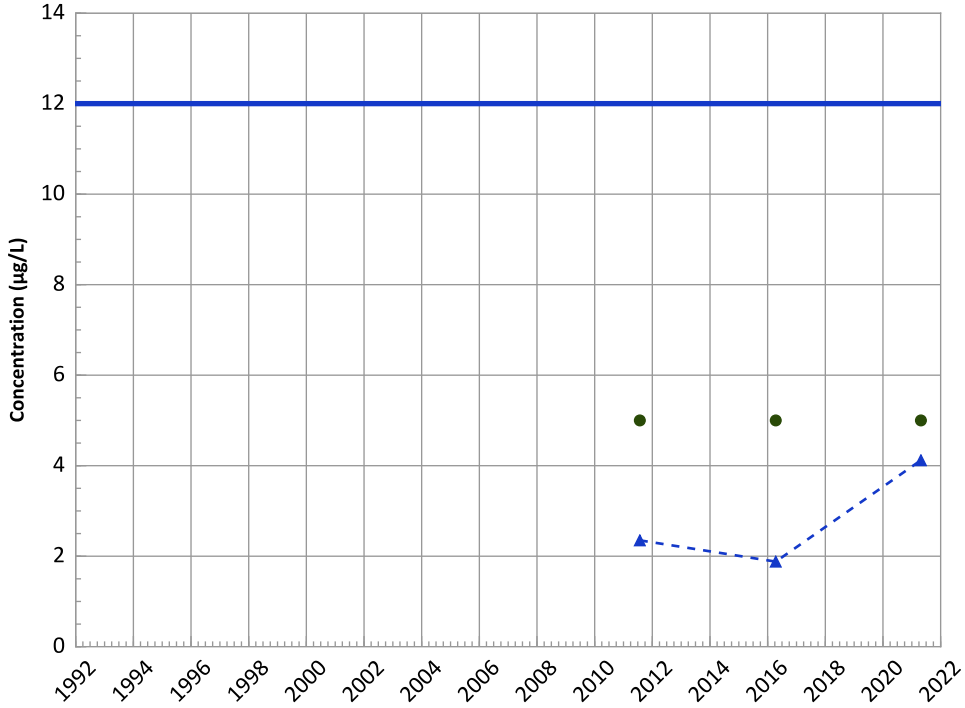


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

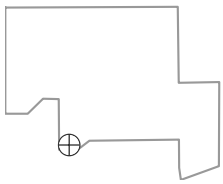
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

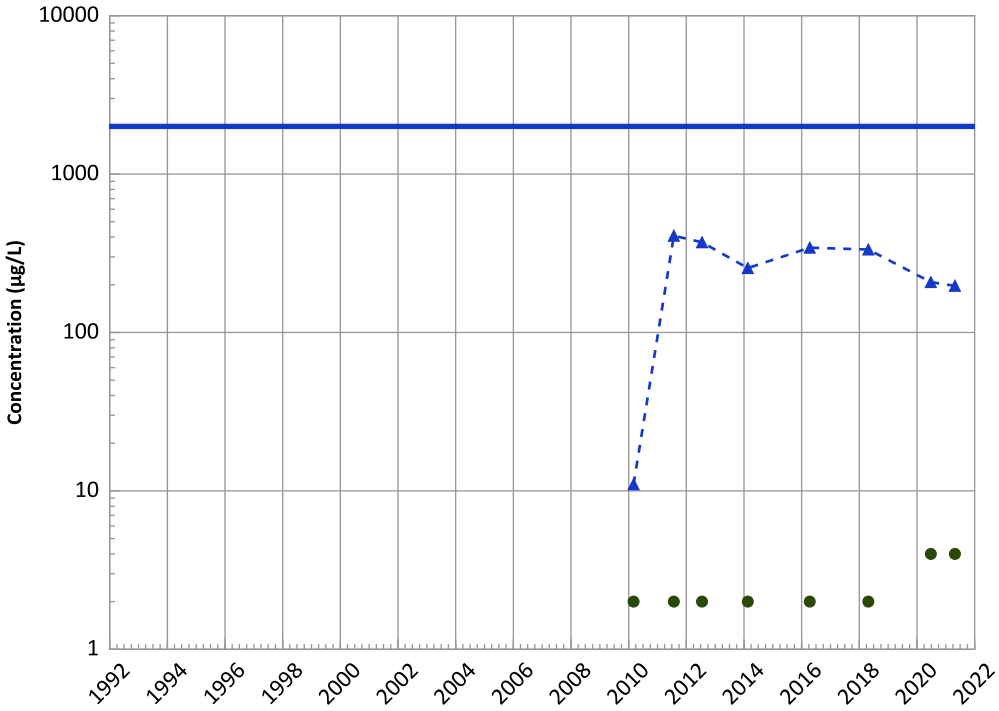
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1131 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

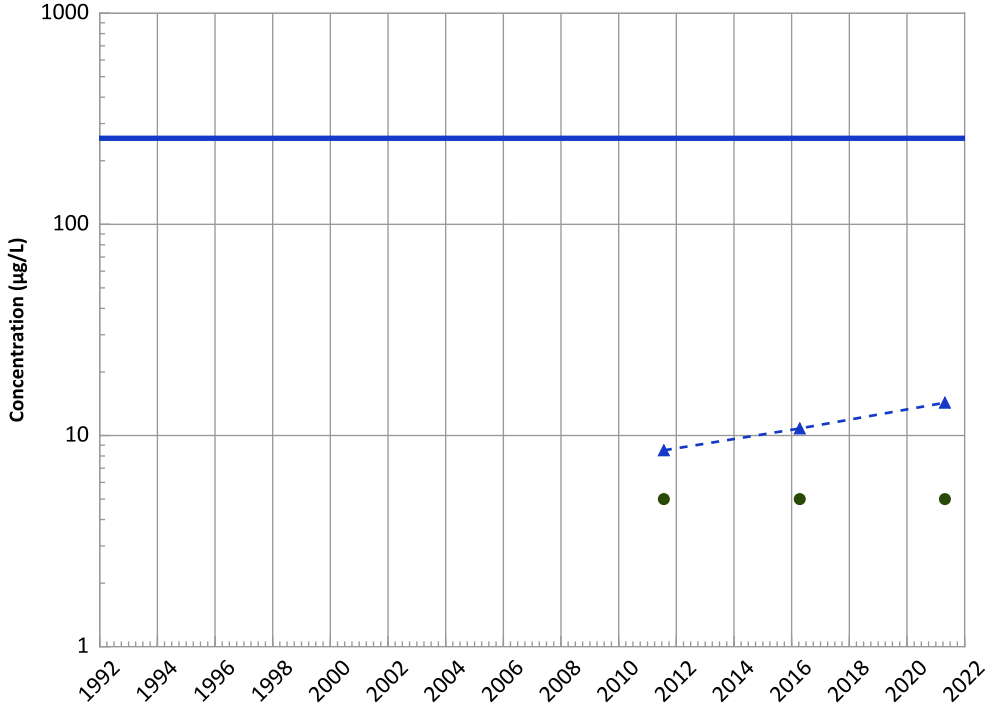


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Vanadium Trend



Concentration Trend

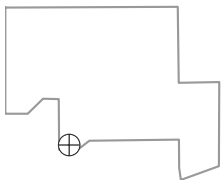
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

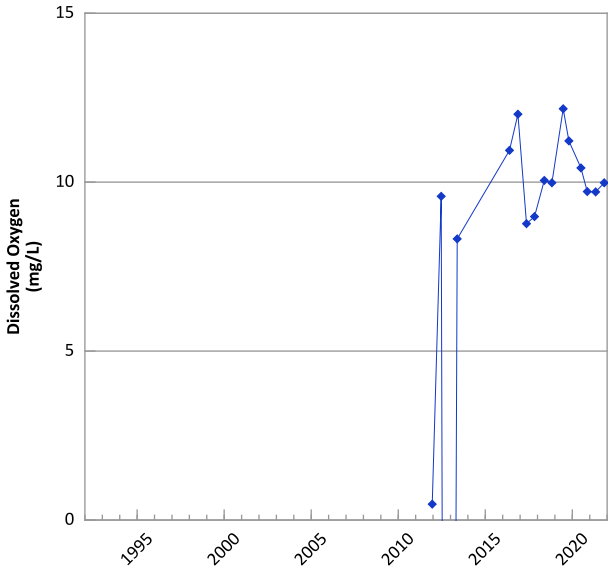
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/24/2009 to 04/26/2021
Analysis Date: 04/05/2022

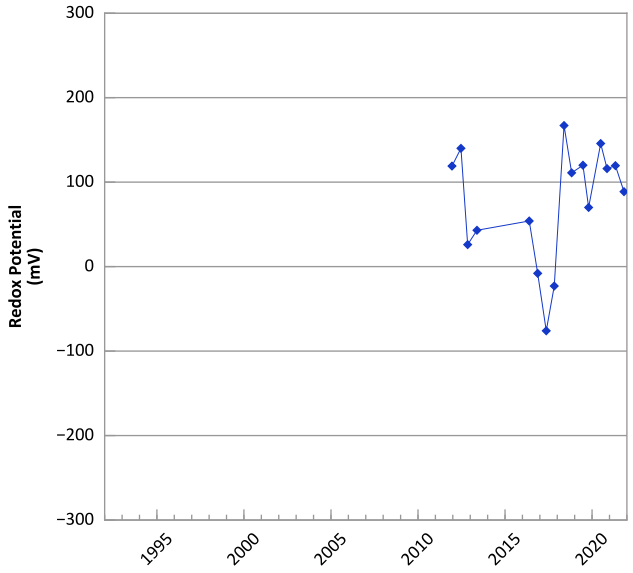
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

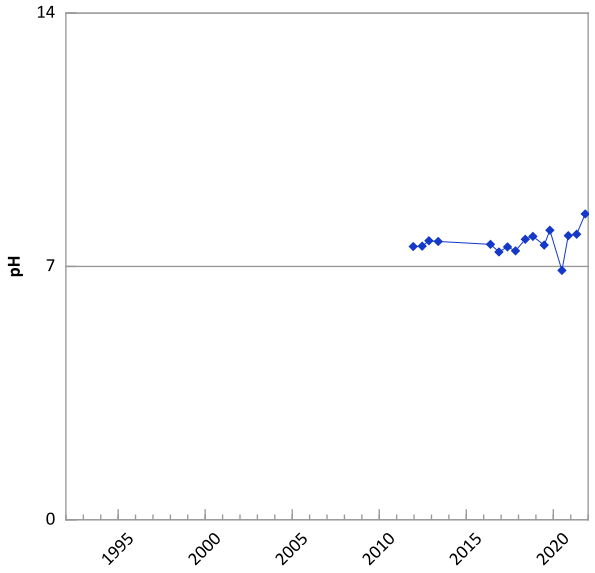
Well Location

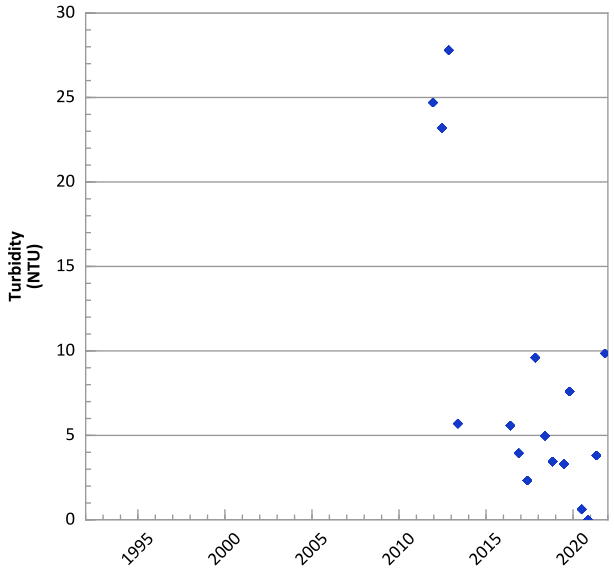


PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



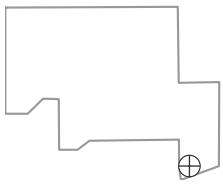






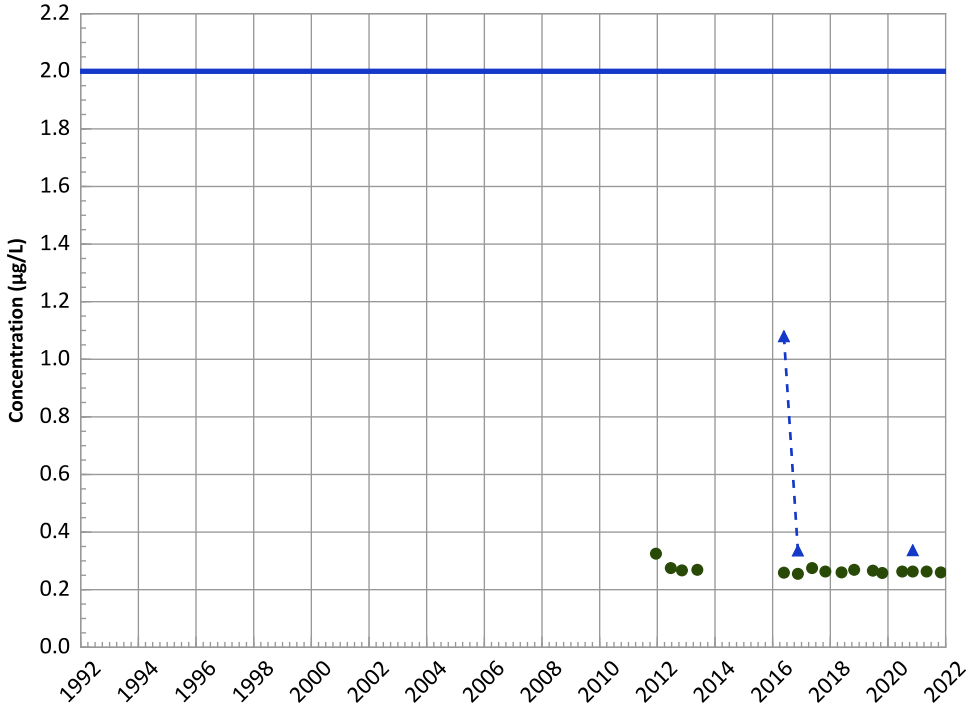
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

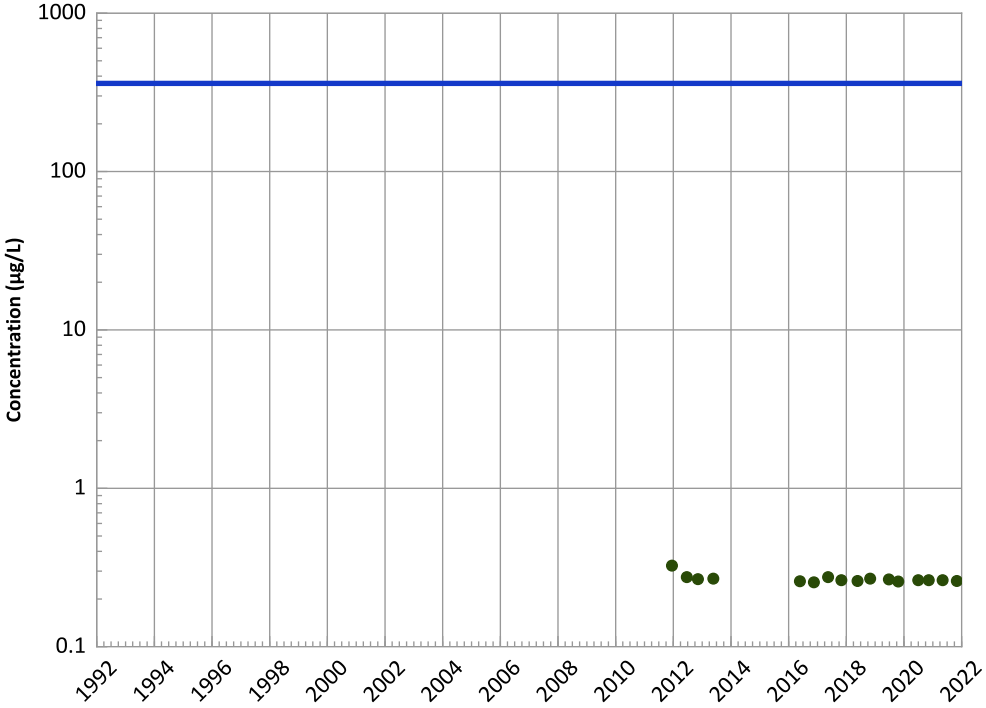


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

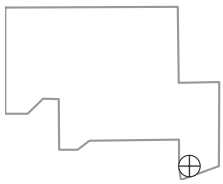
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

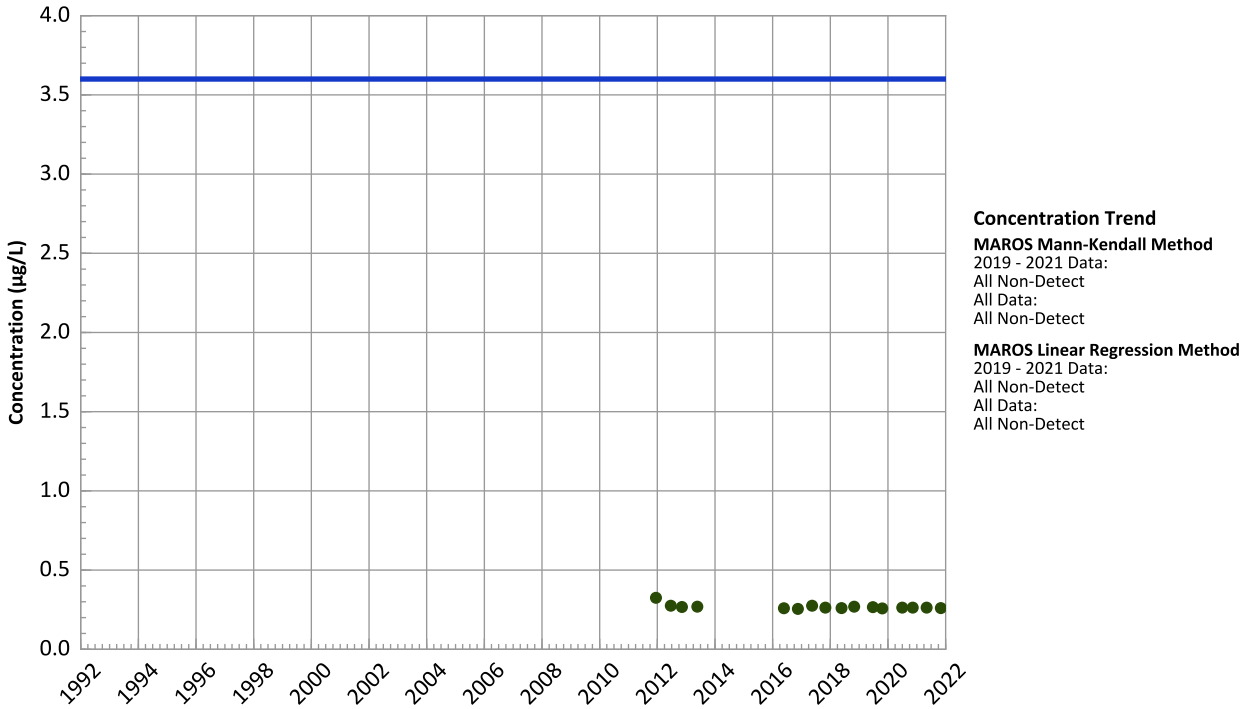
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

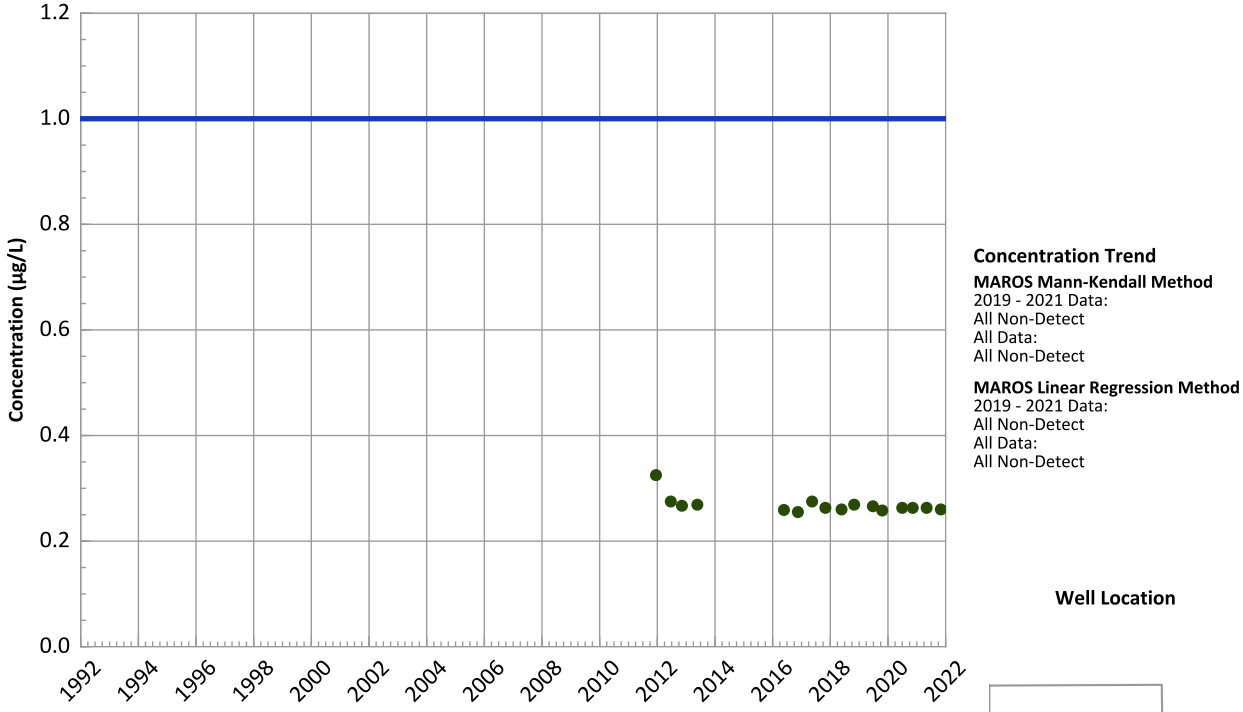


PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



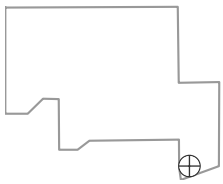
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

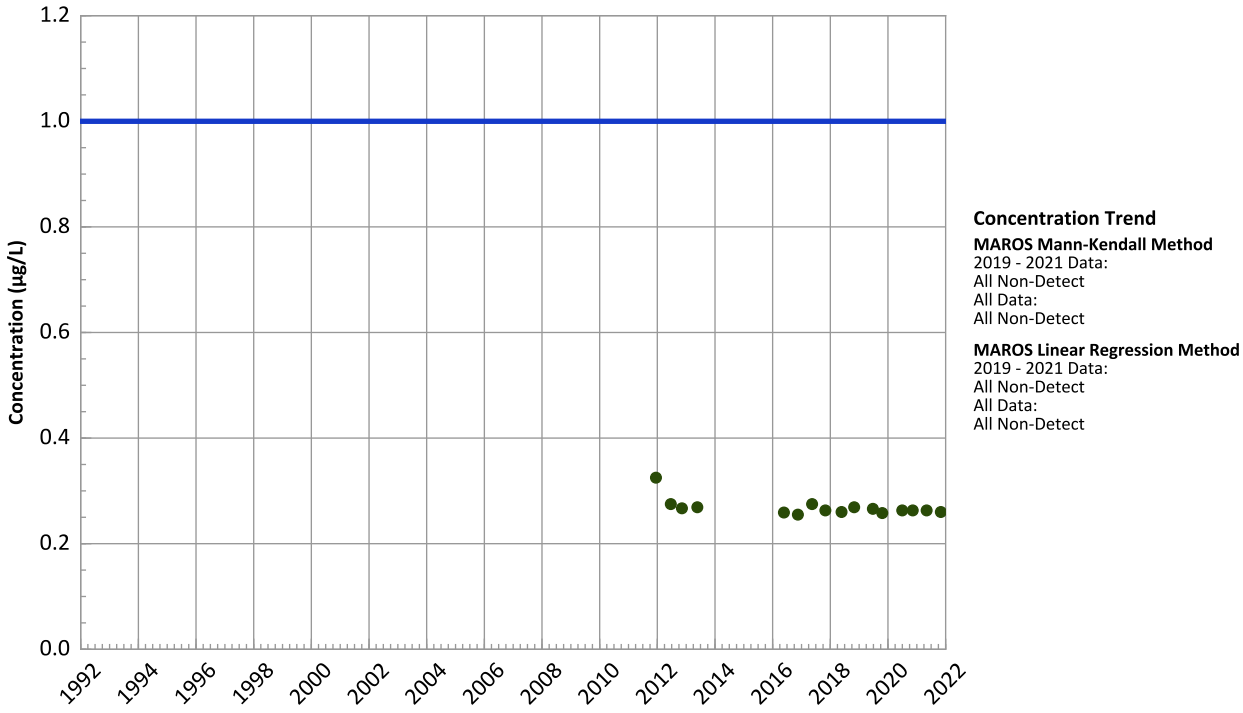
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

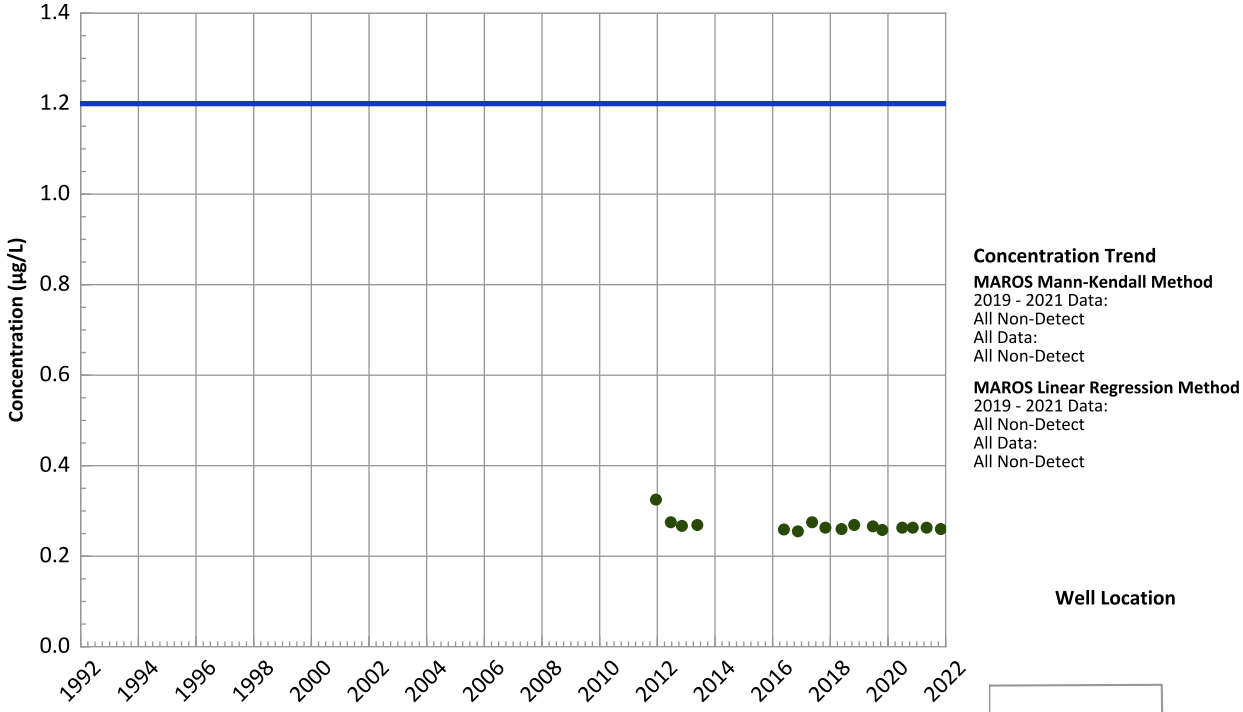


PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



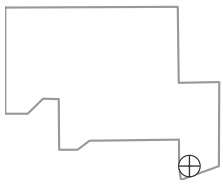
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

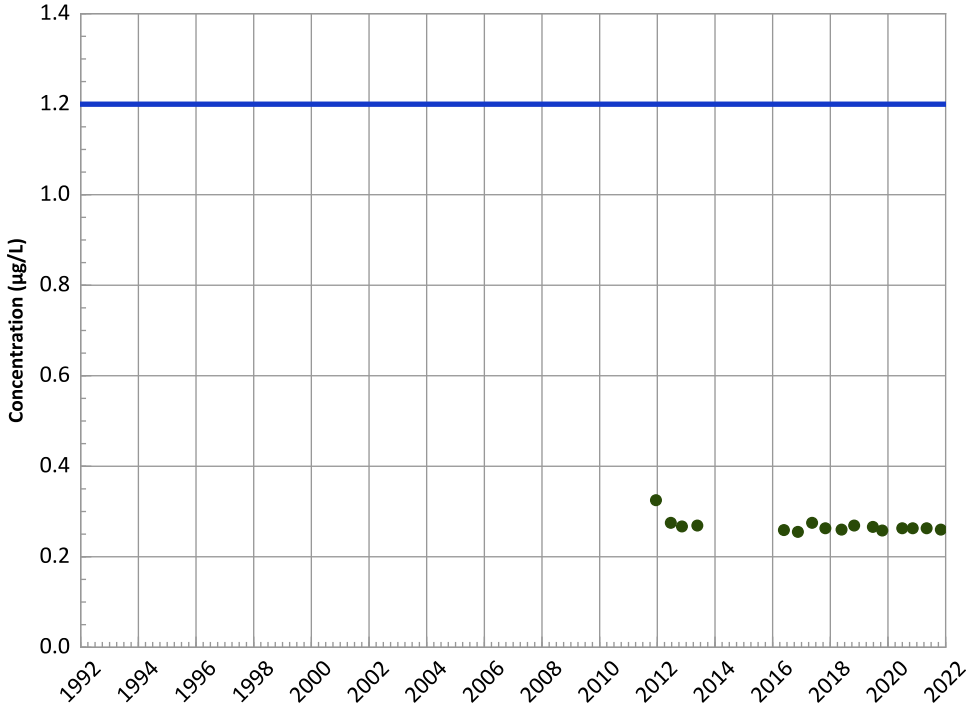
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

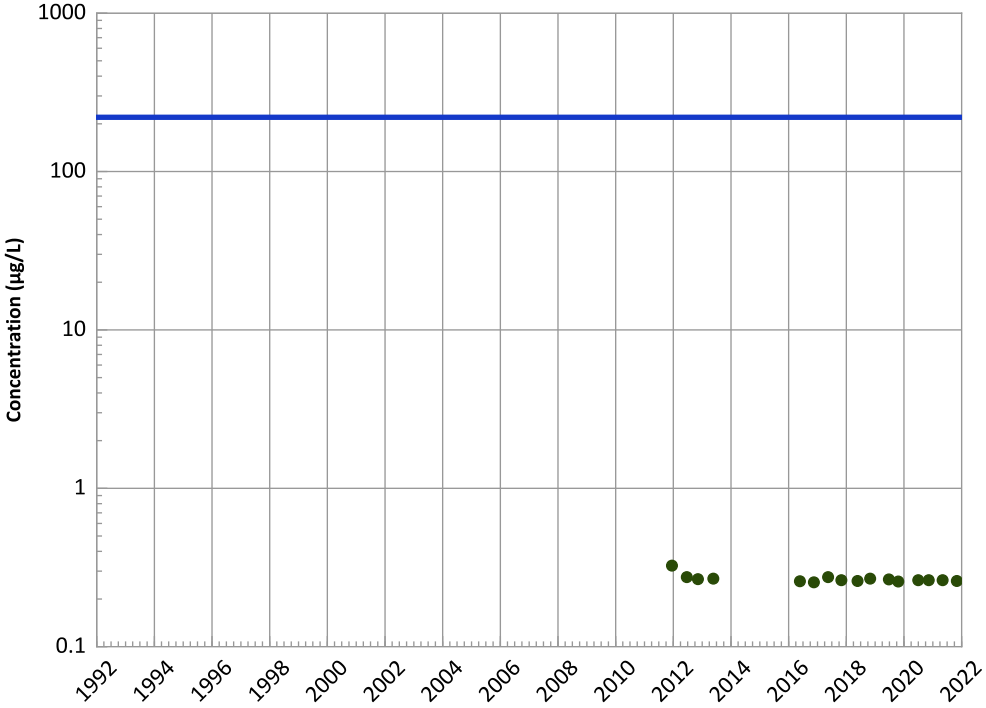


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

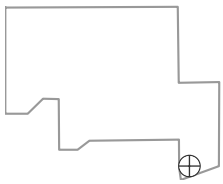
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

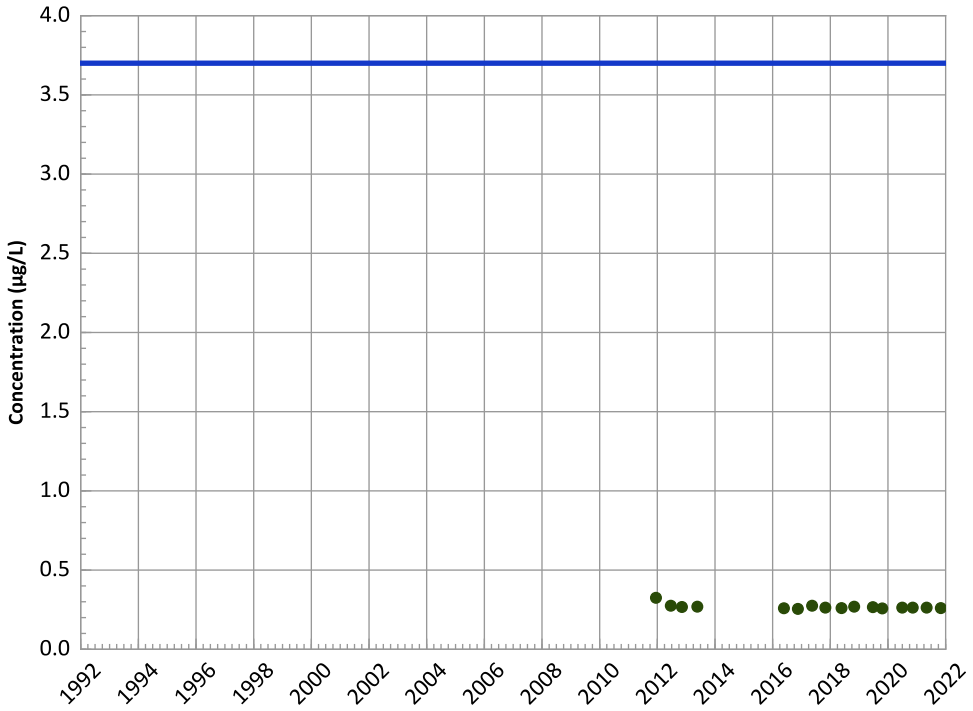
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

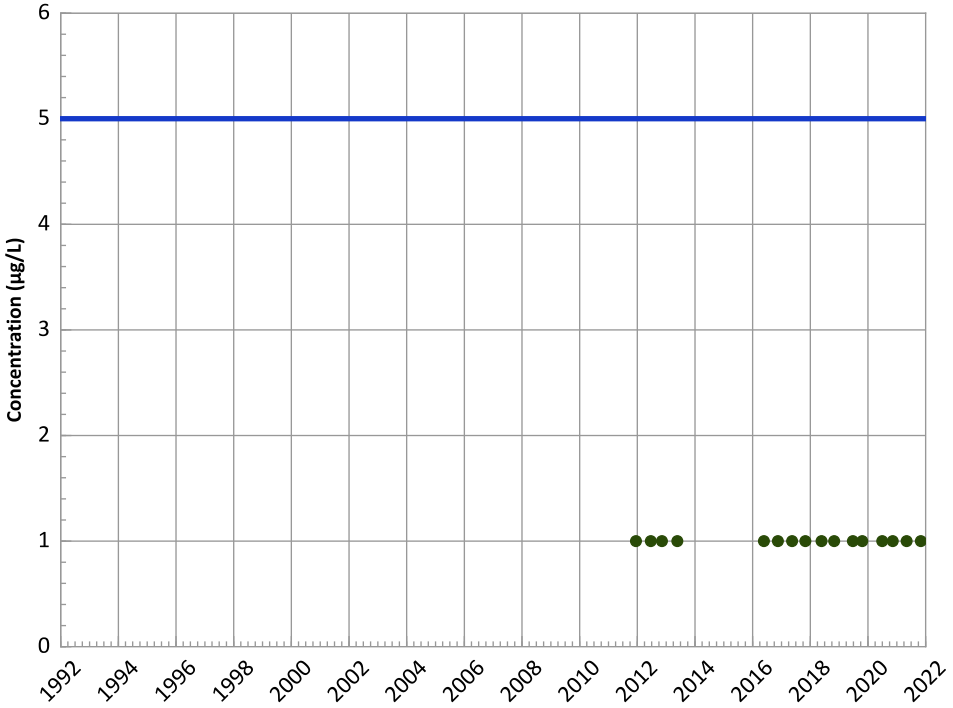


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

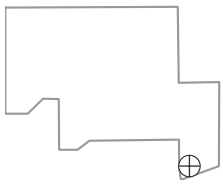
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

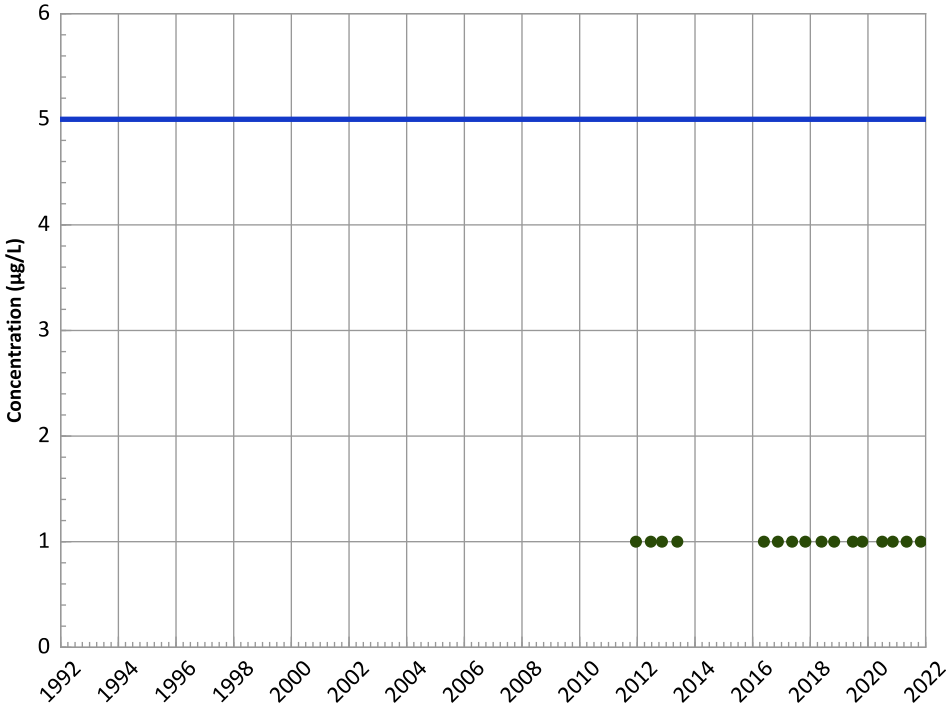
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

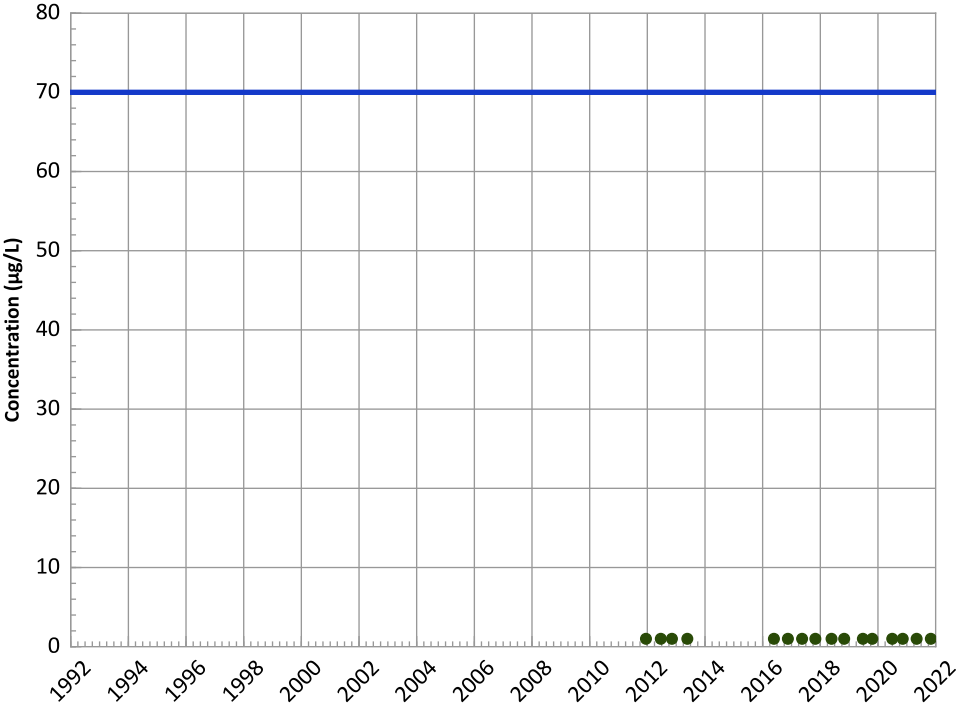


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

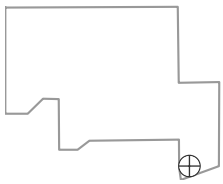
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

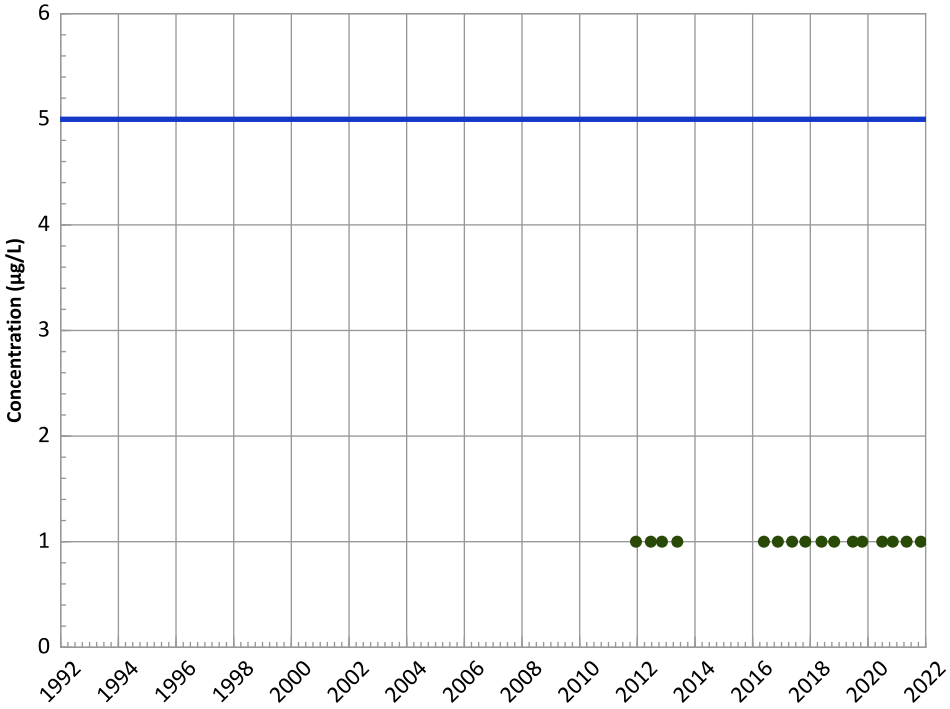
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

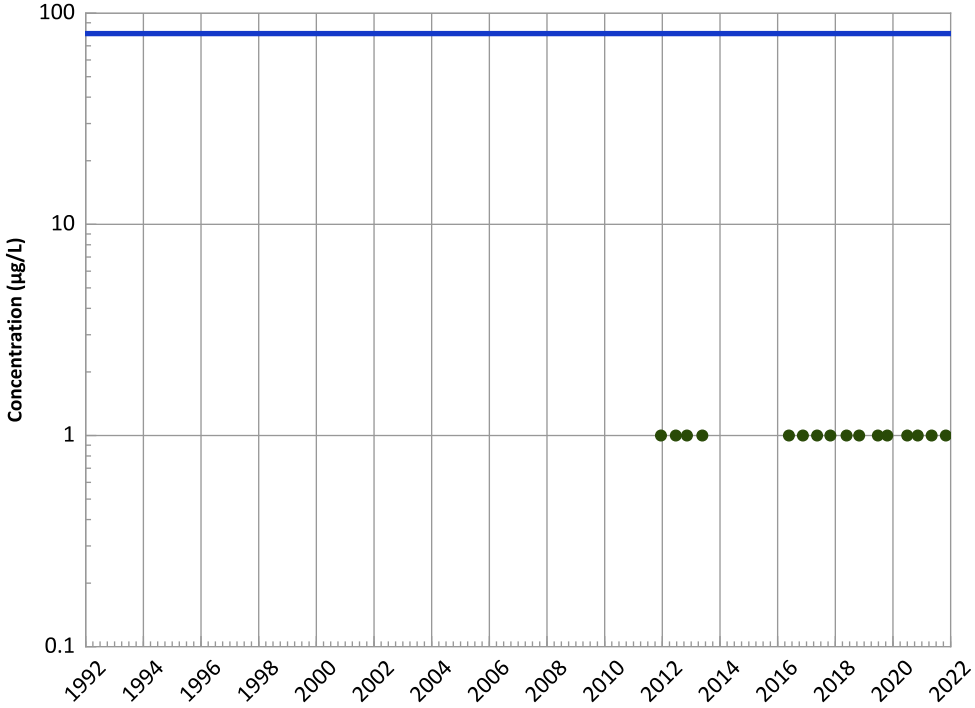


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

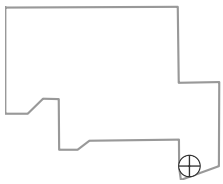
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

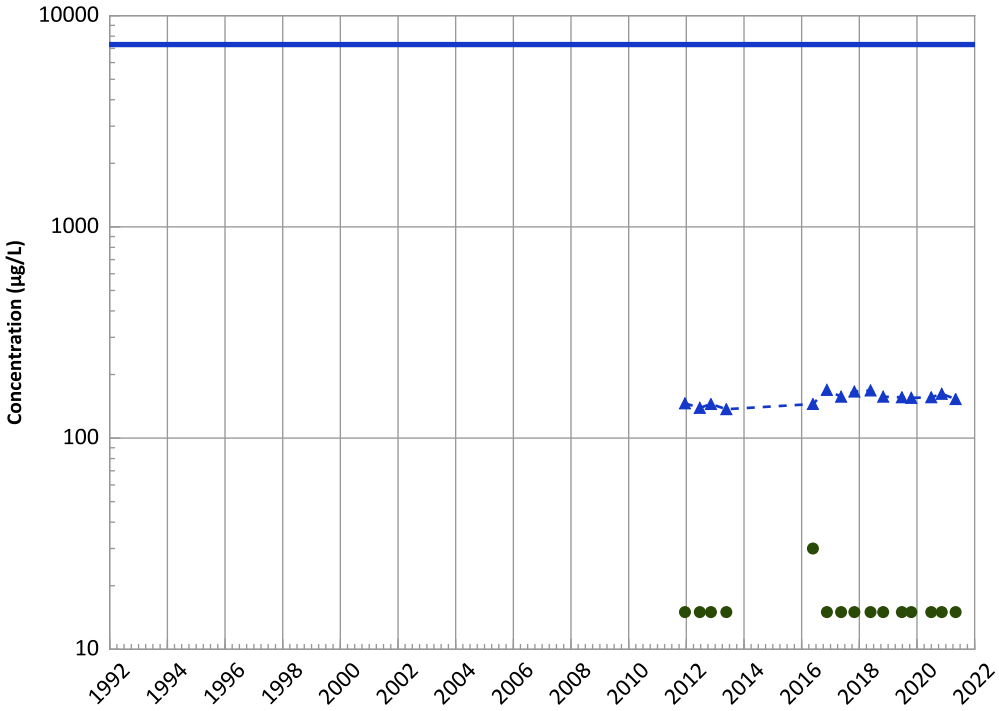
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

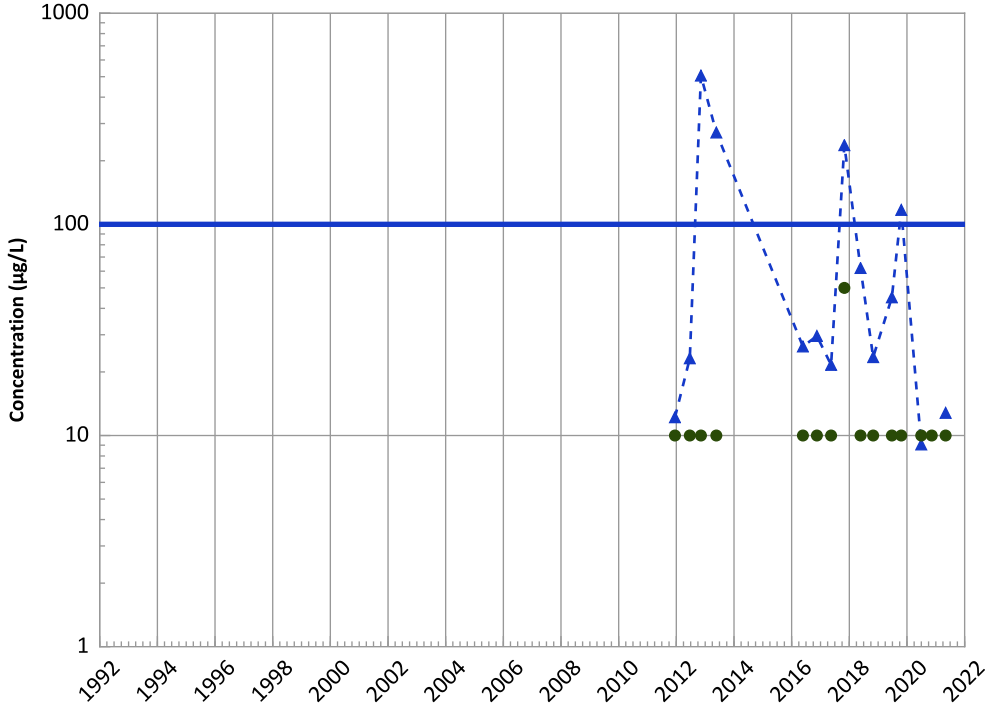


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

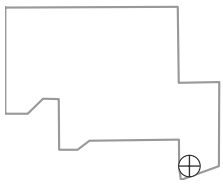
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

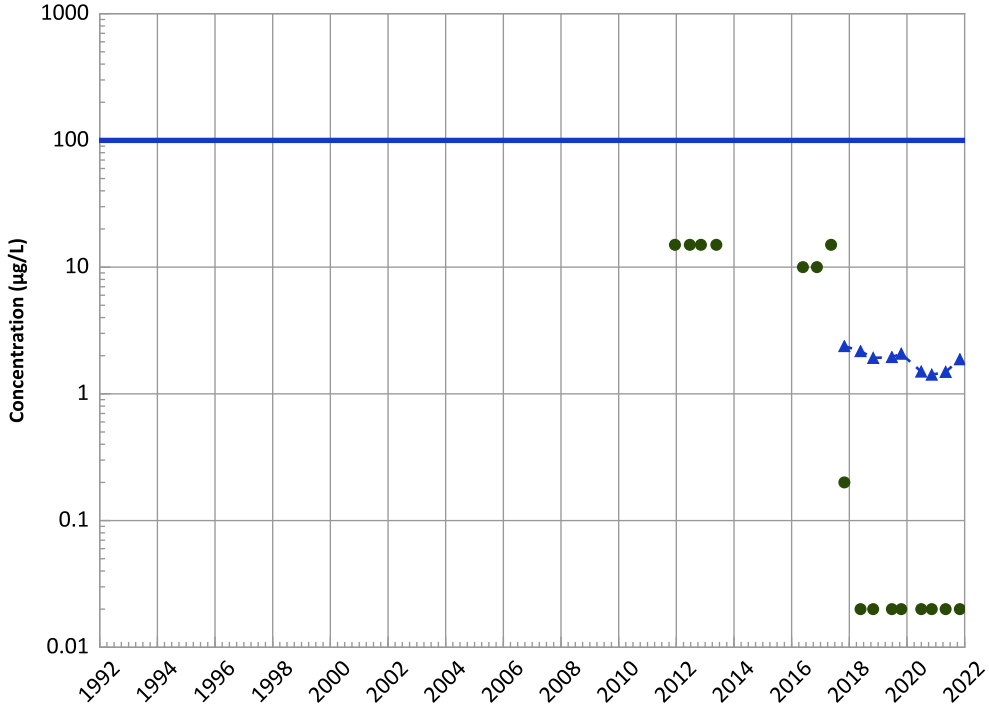
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

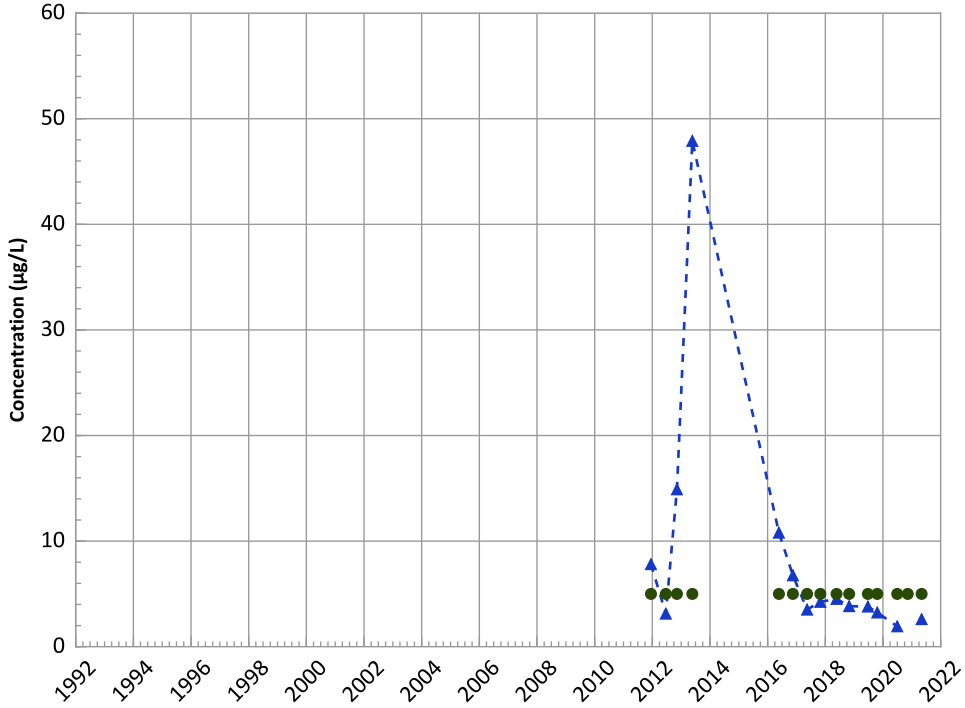


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Manganese Trend



Concentration Trend

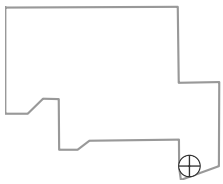
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

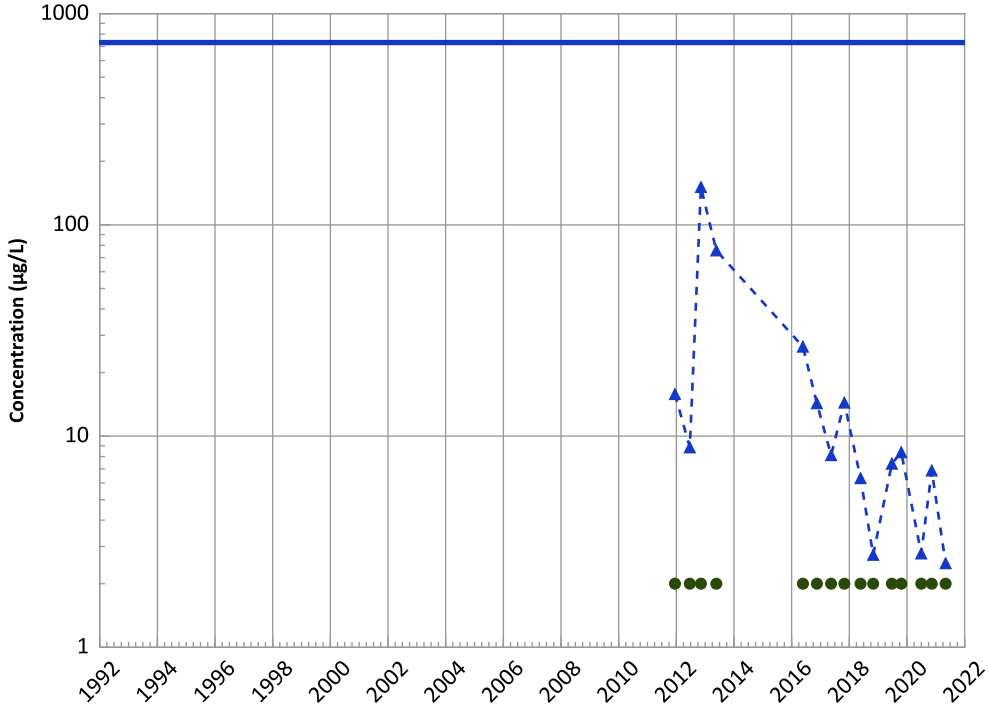
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

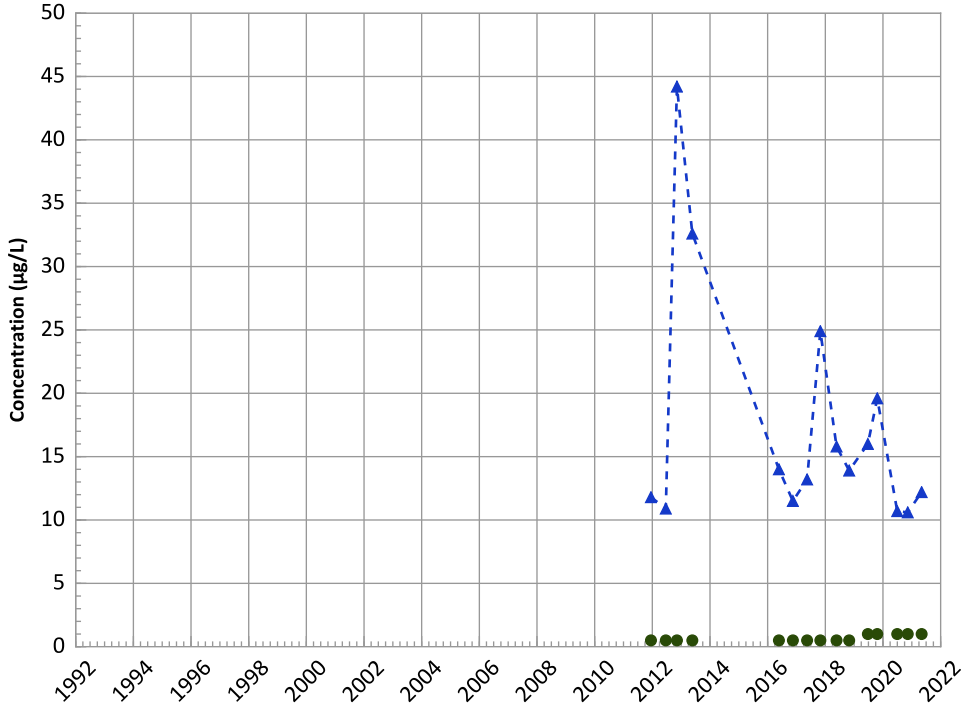


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

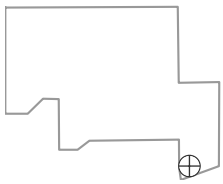
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

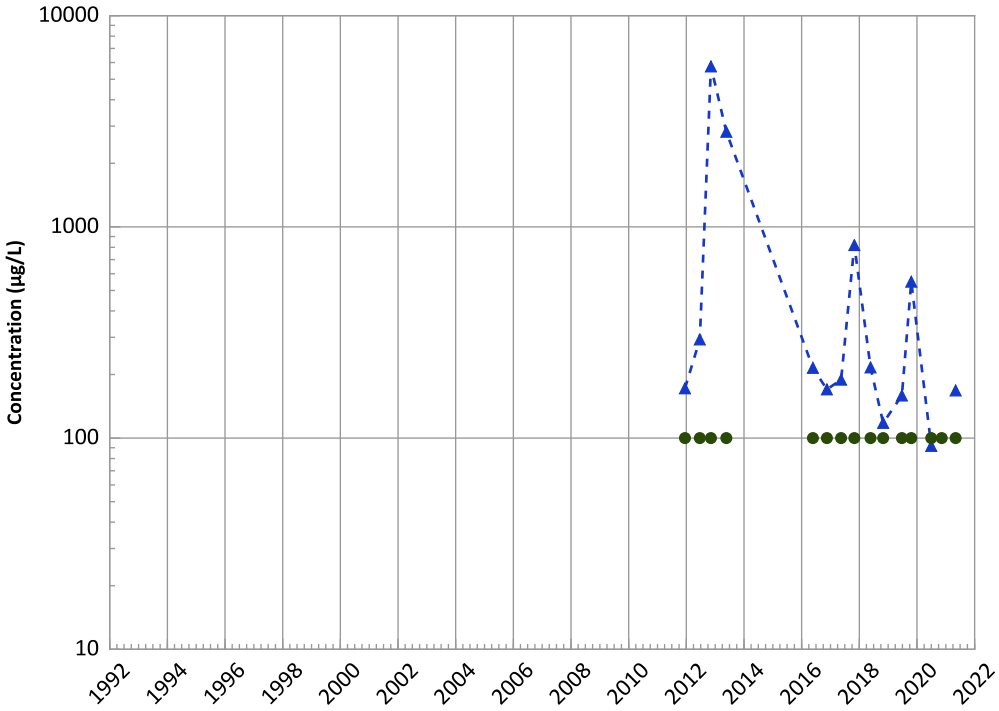
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1133A in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

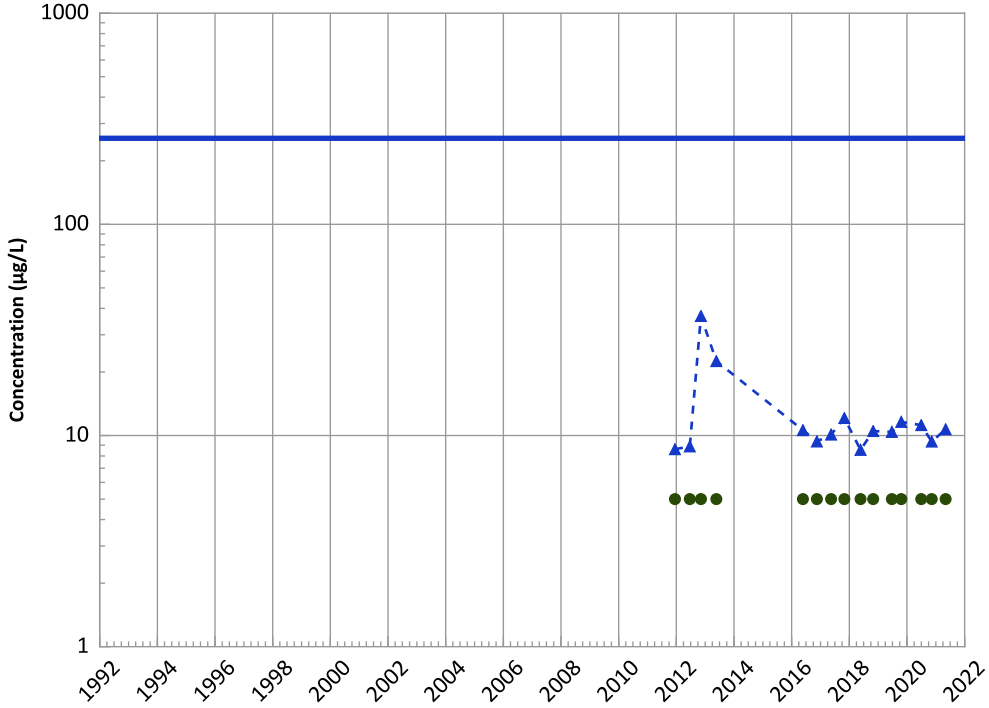


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Vanadium Trend



Concentration Trend

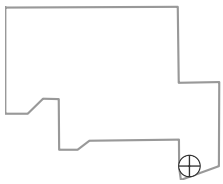
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

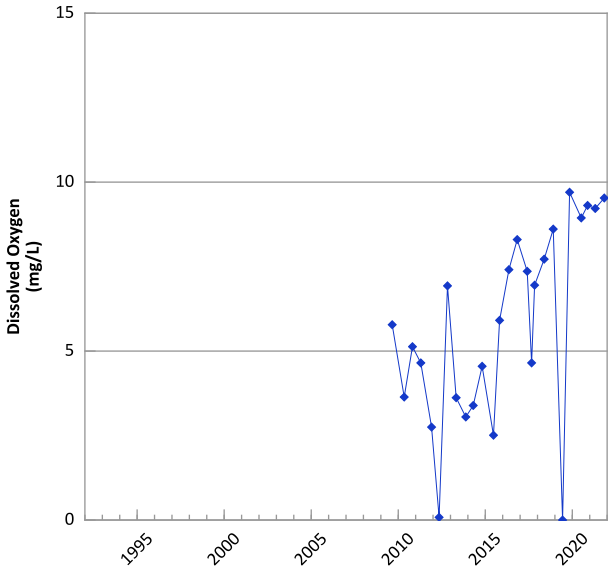
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/15/2011 to 11/01/2021
Analysis Date: 04/05/2022

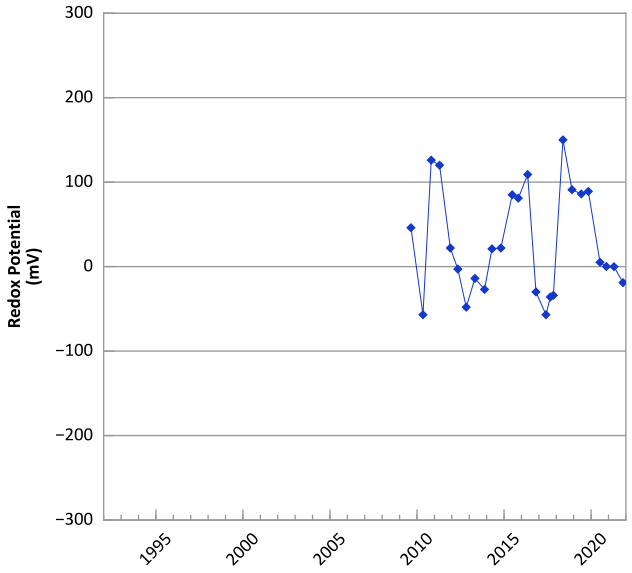
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

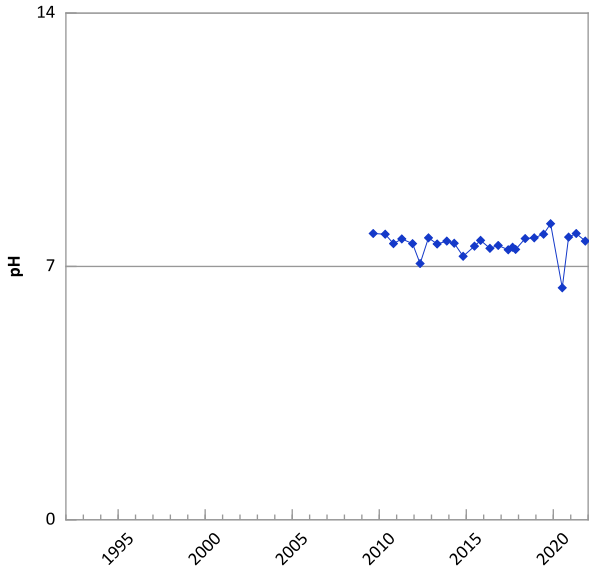
Well Location

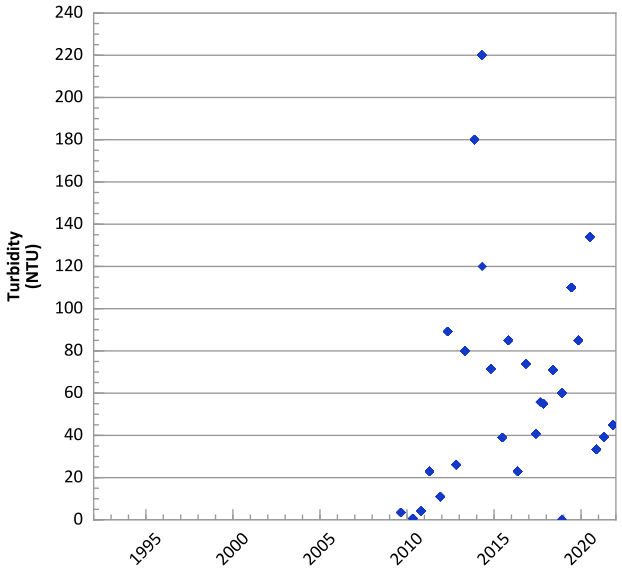


PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



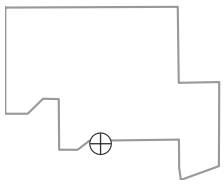






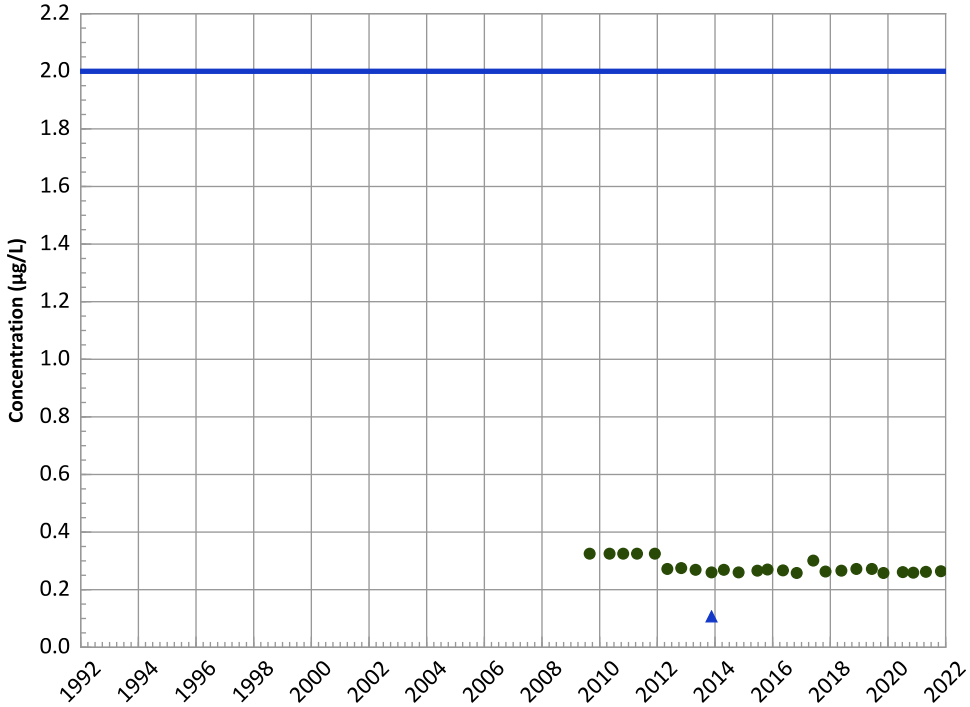
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

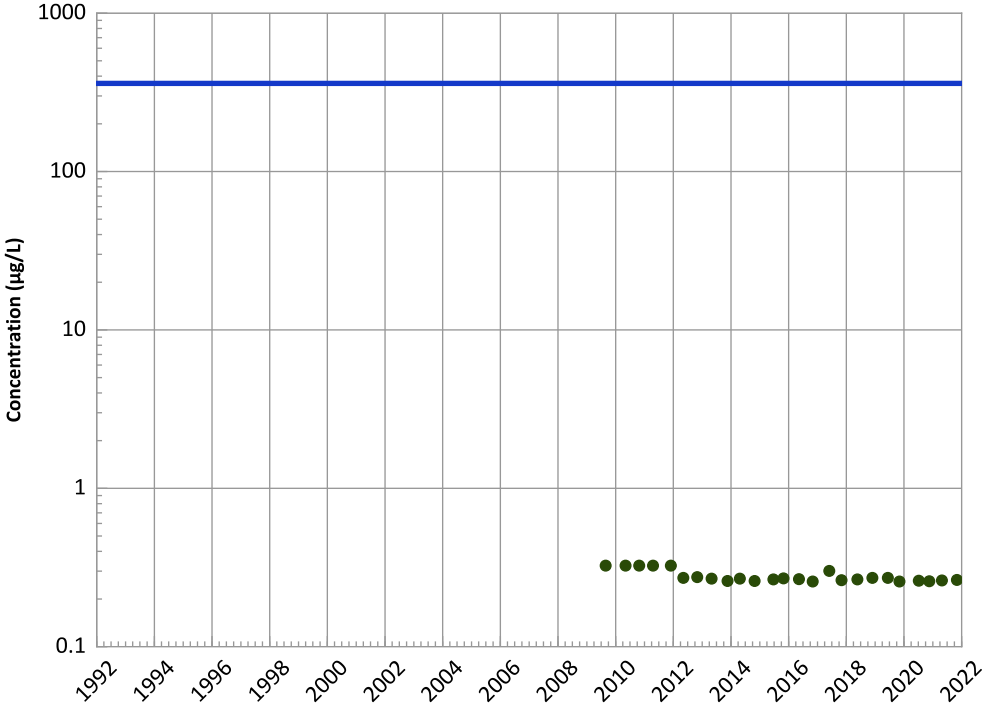


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

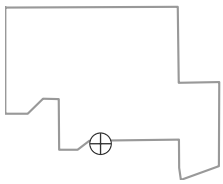
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

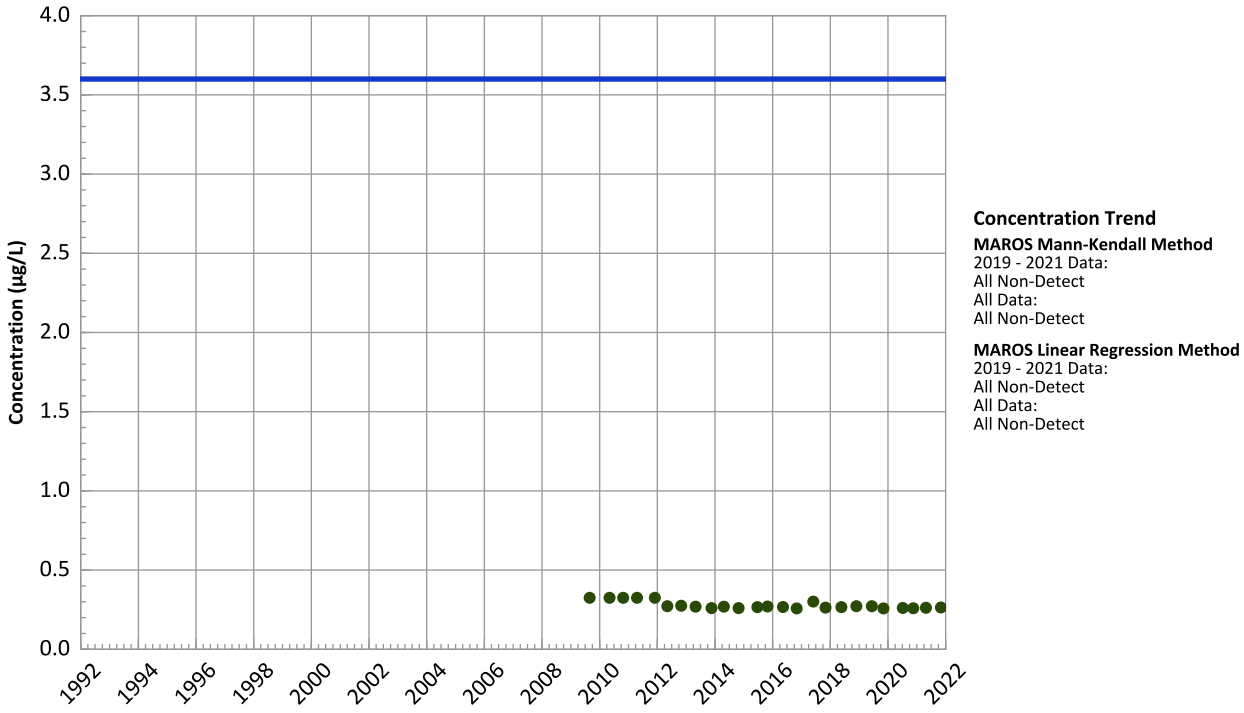
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

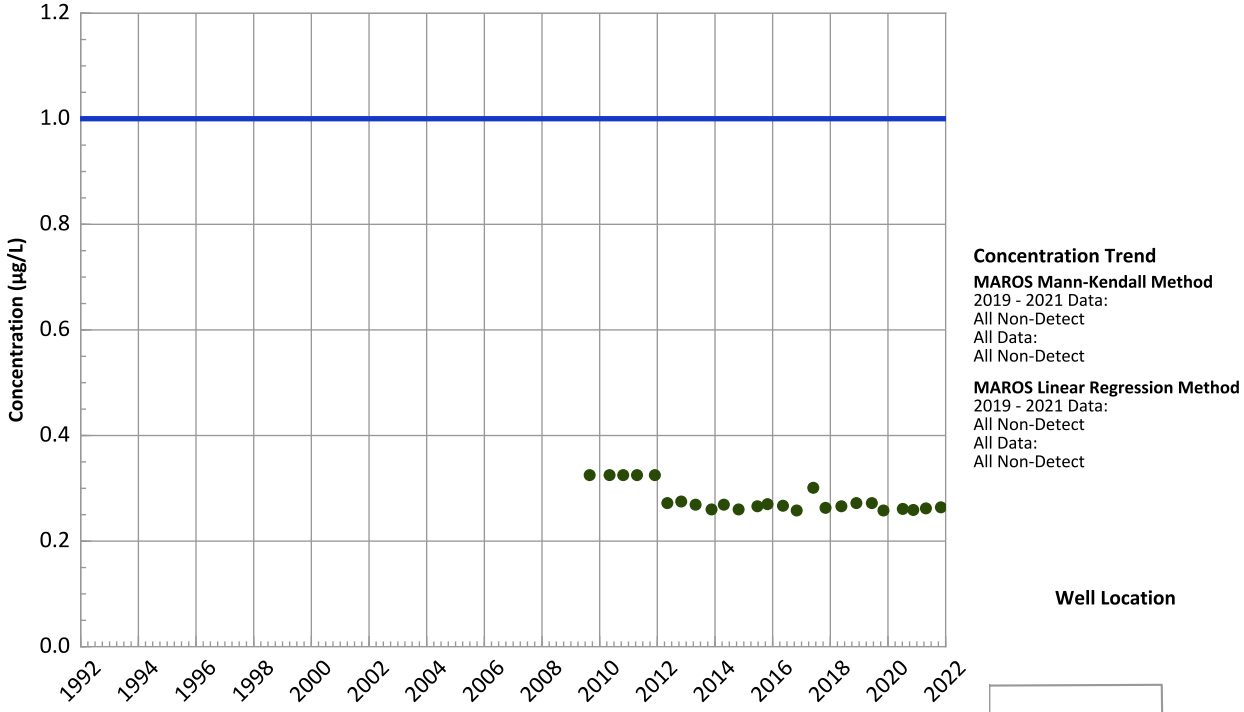


PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



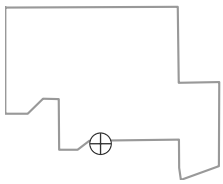
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

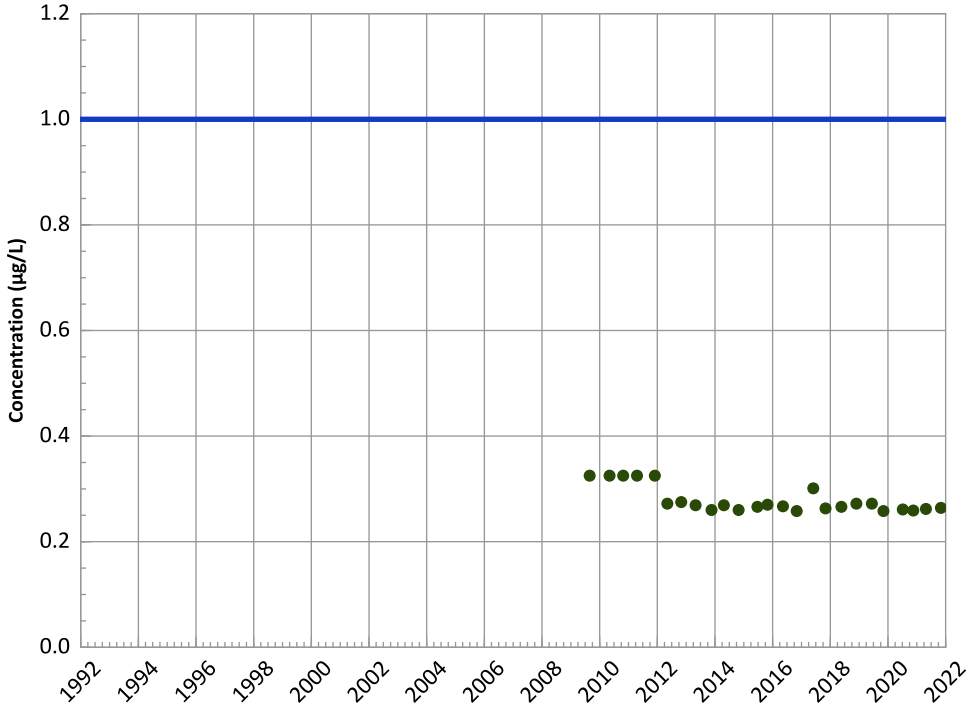
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

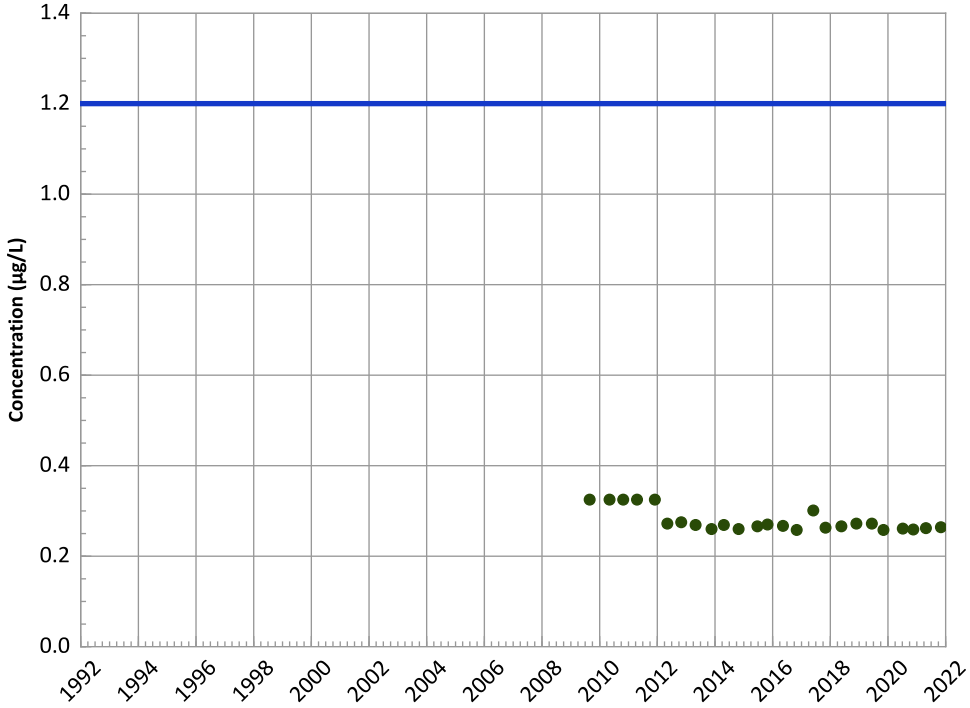


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

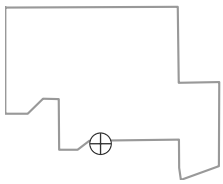
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

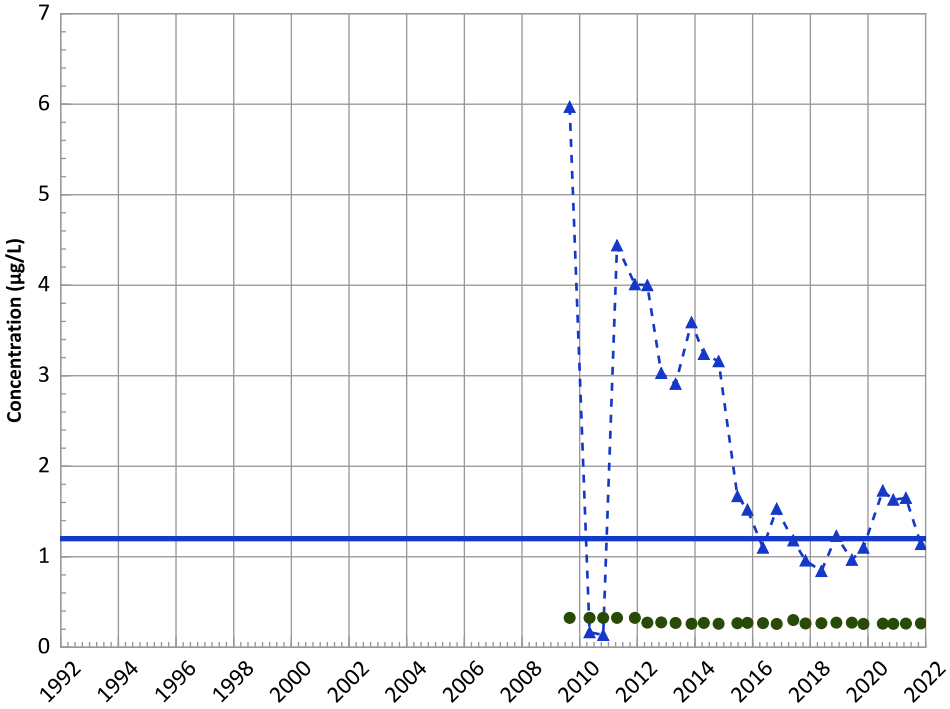
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

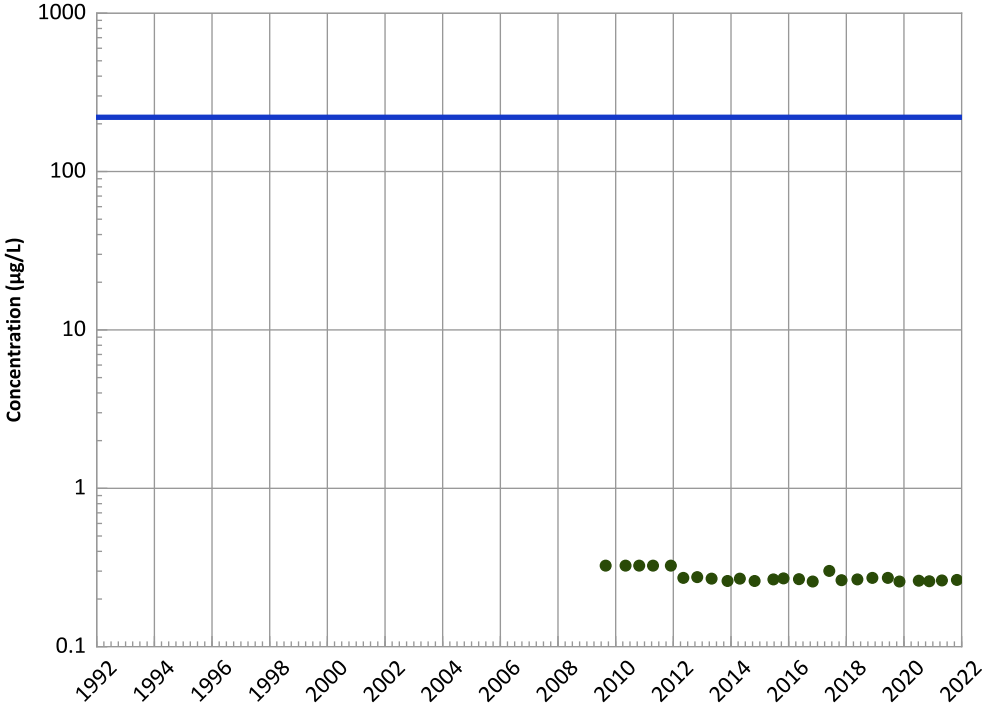


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

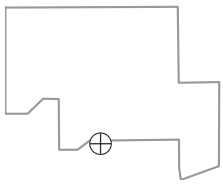
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

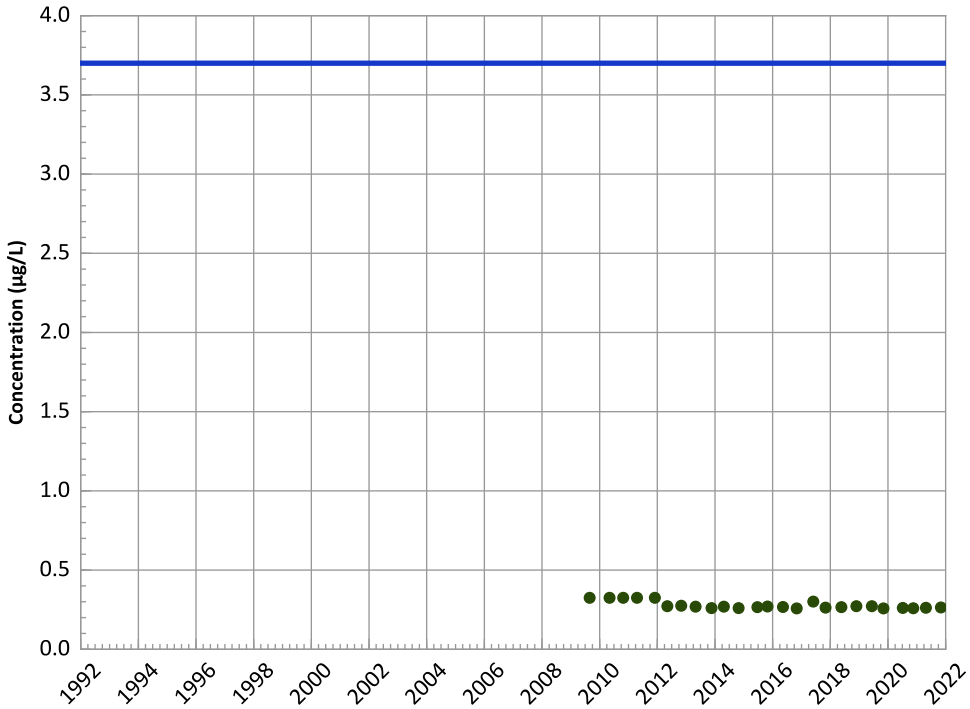
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

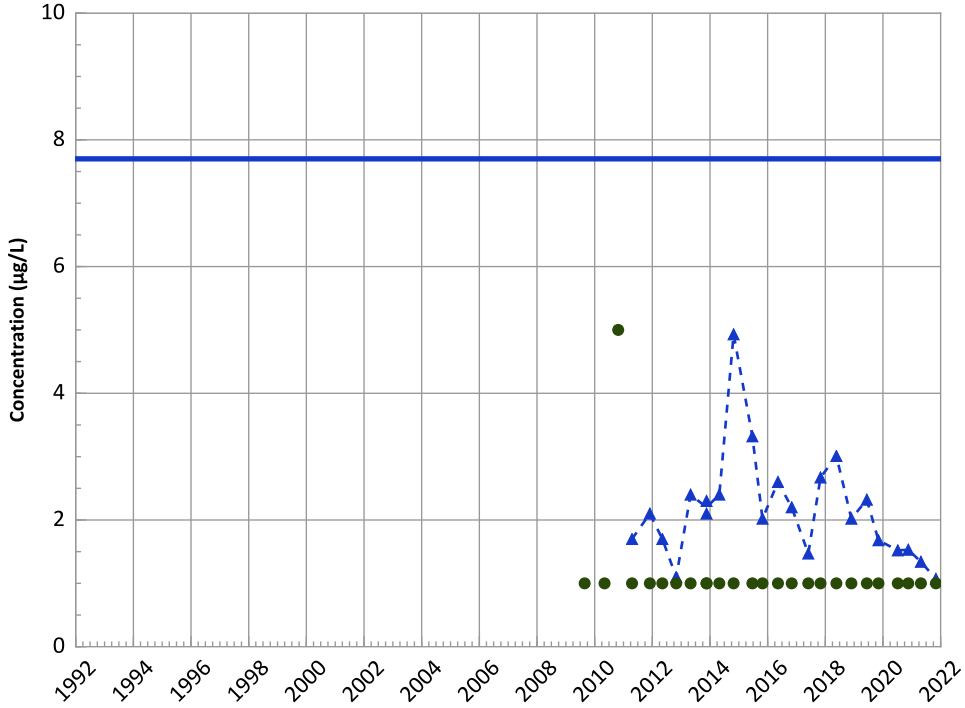


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

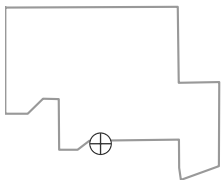
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

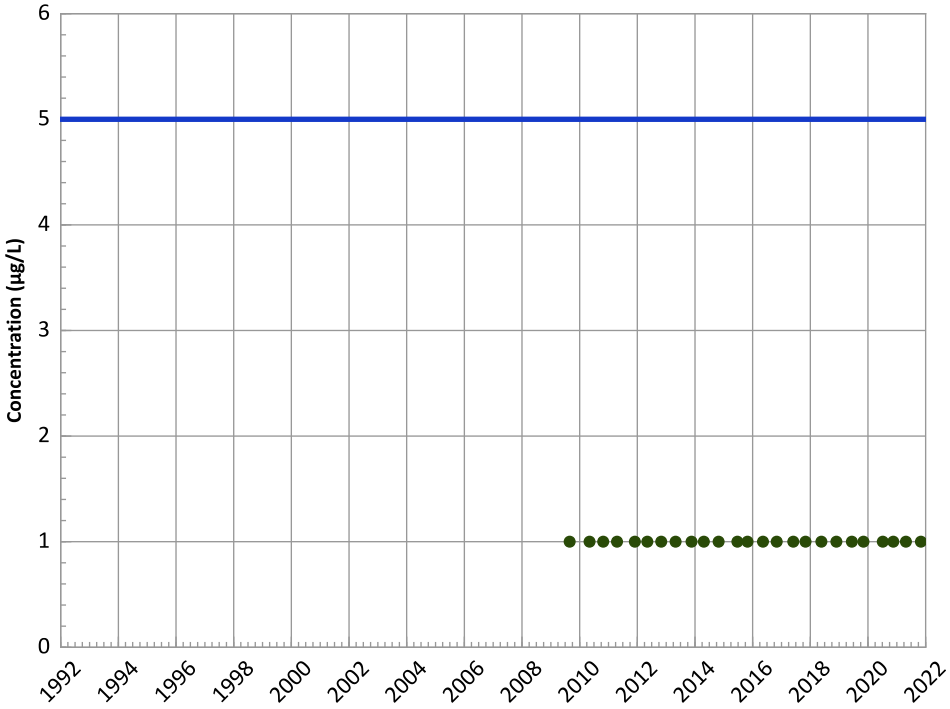
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

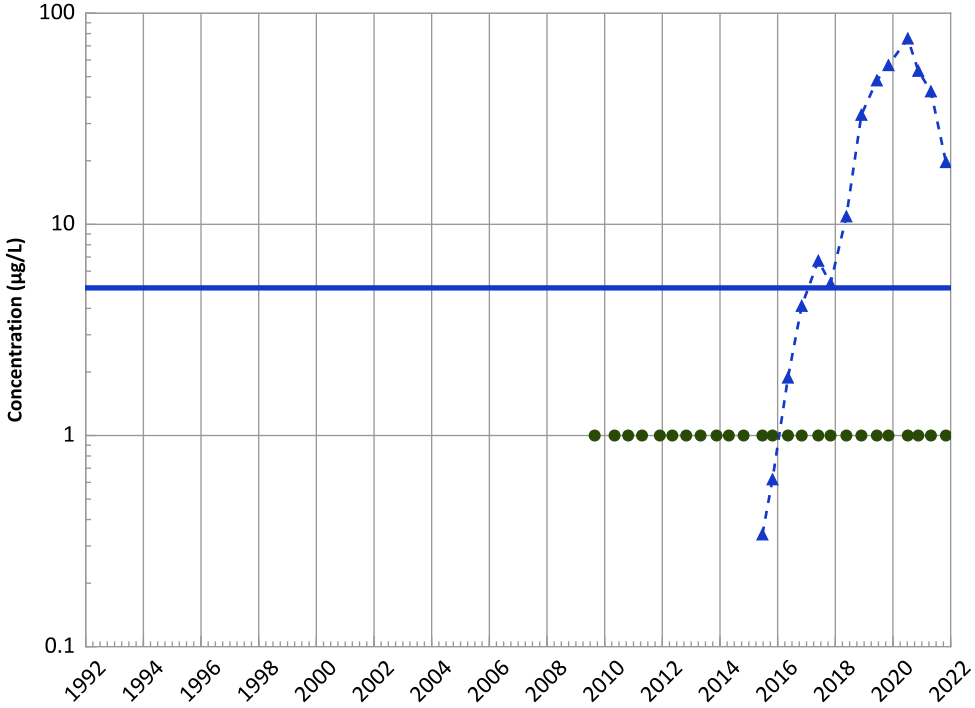


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

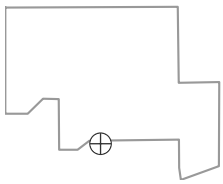
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

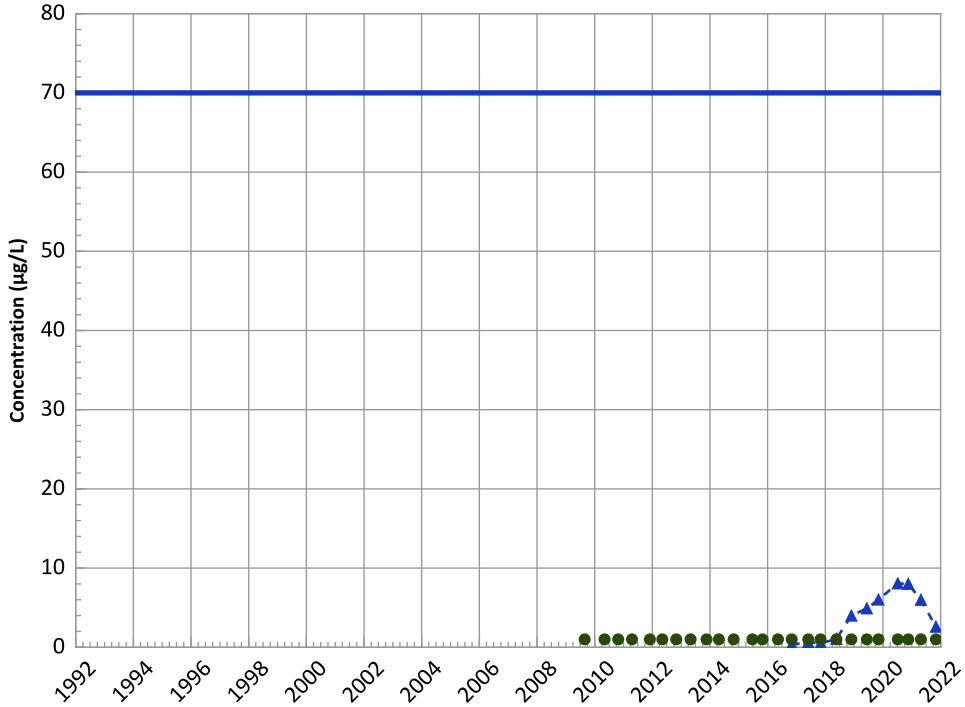
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

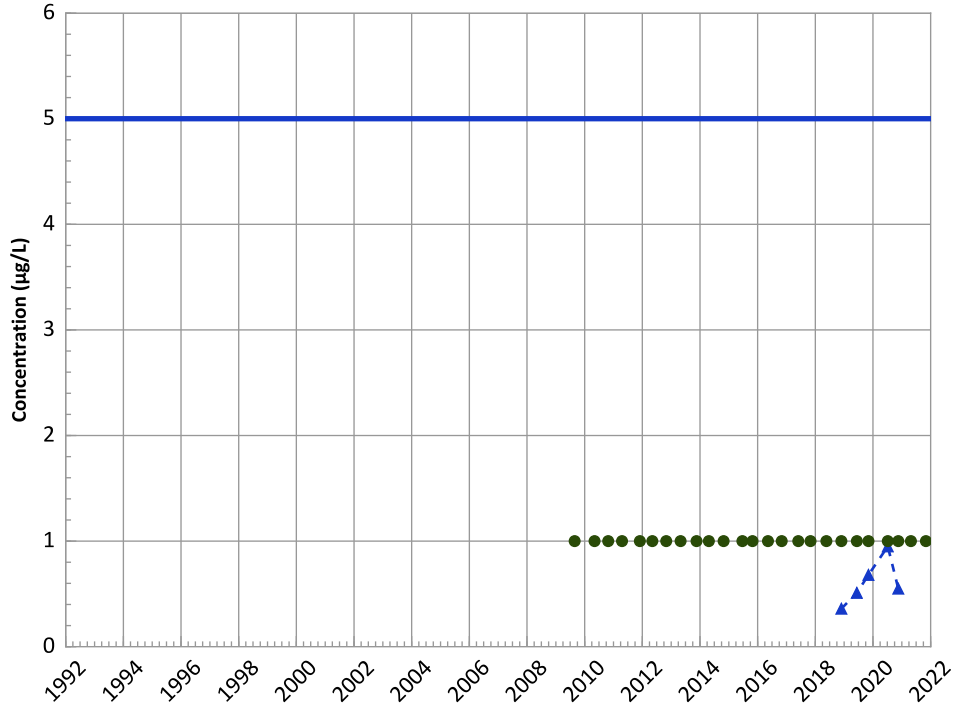


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

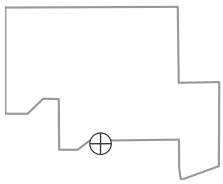
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

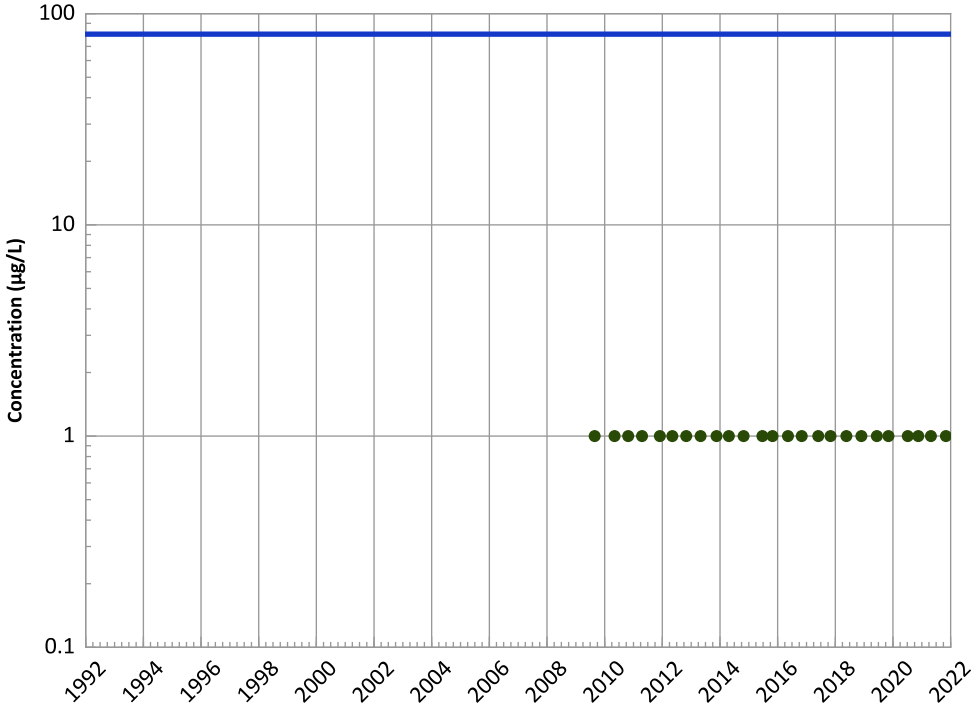
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

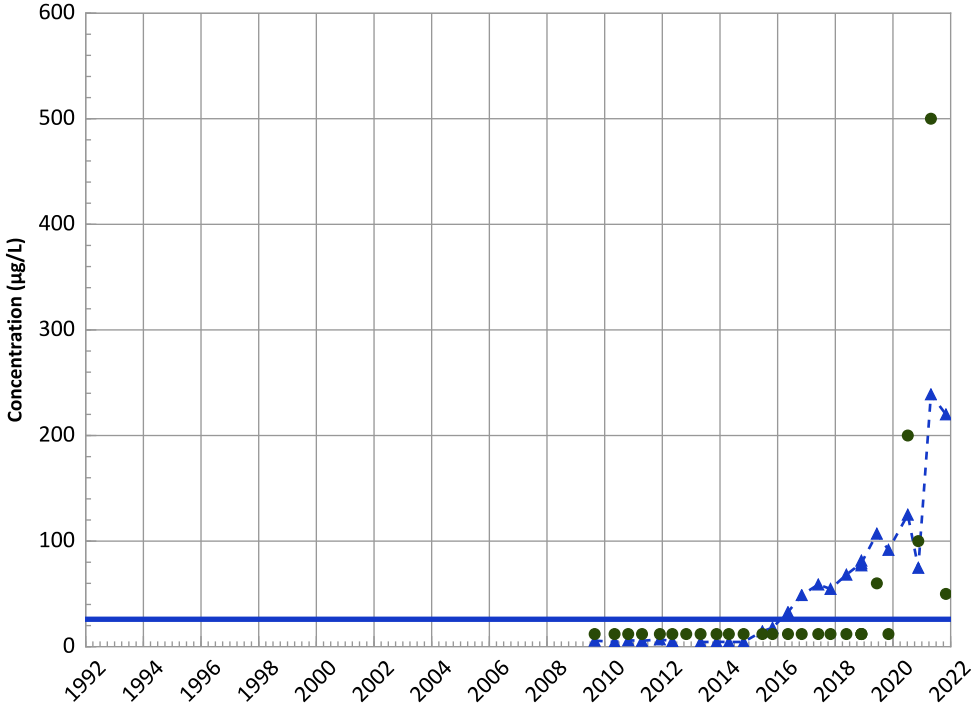


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

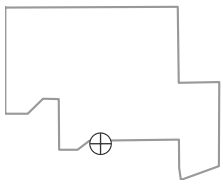
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

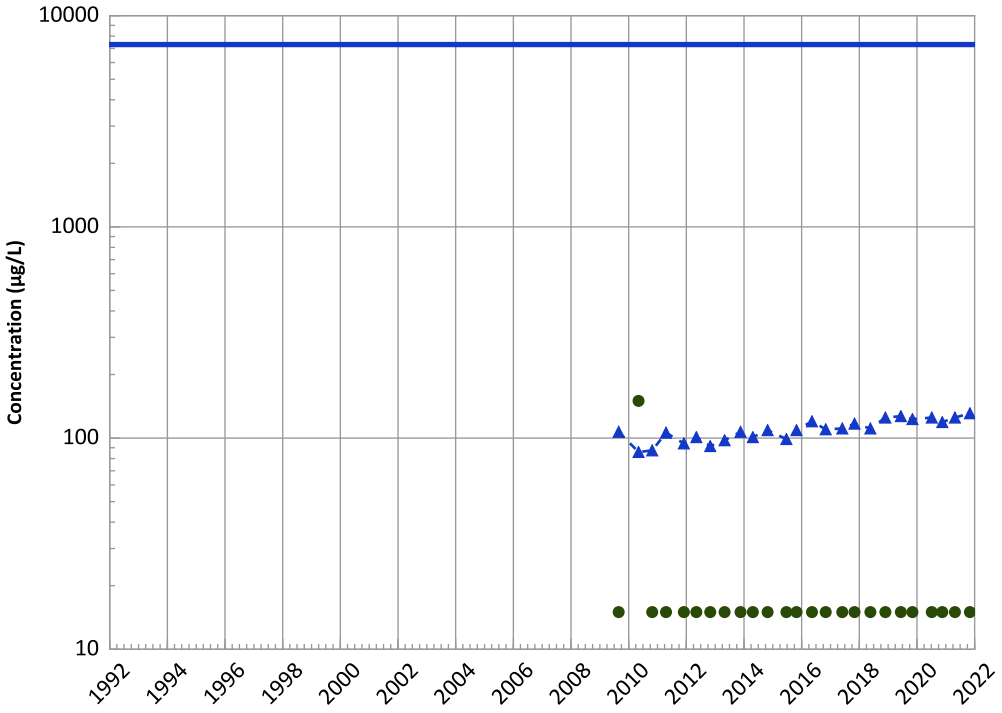
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

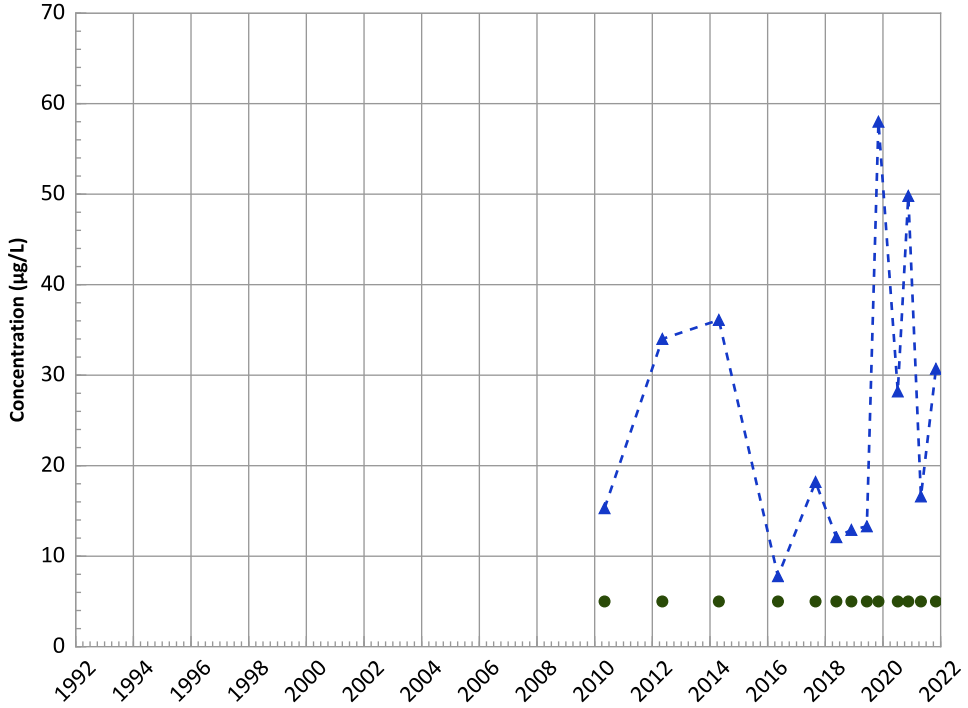


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Manganese Trend



Concentration Trend

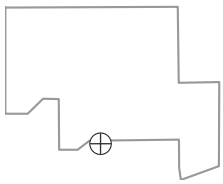
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

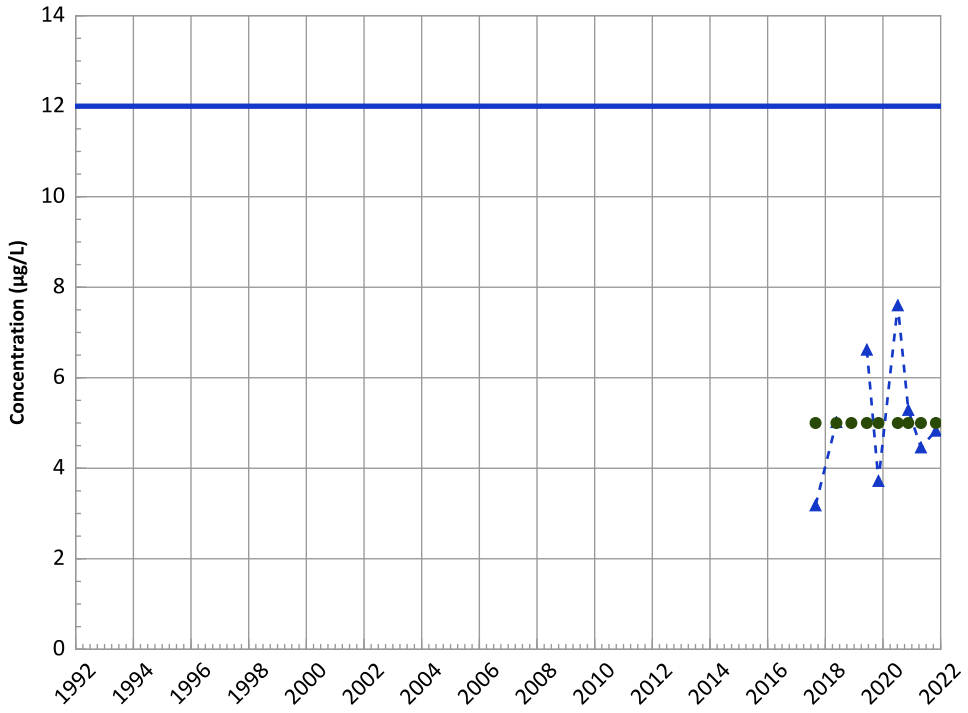
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1134 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

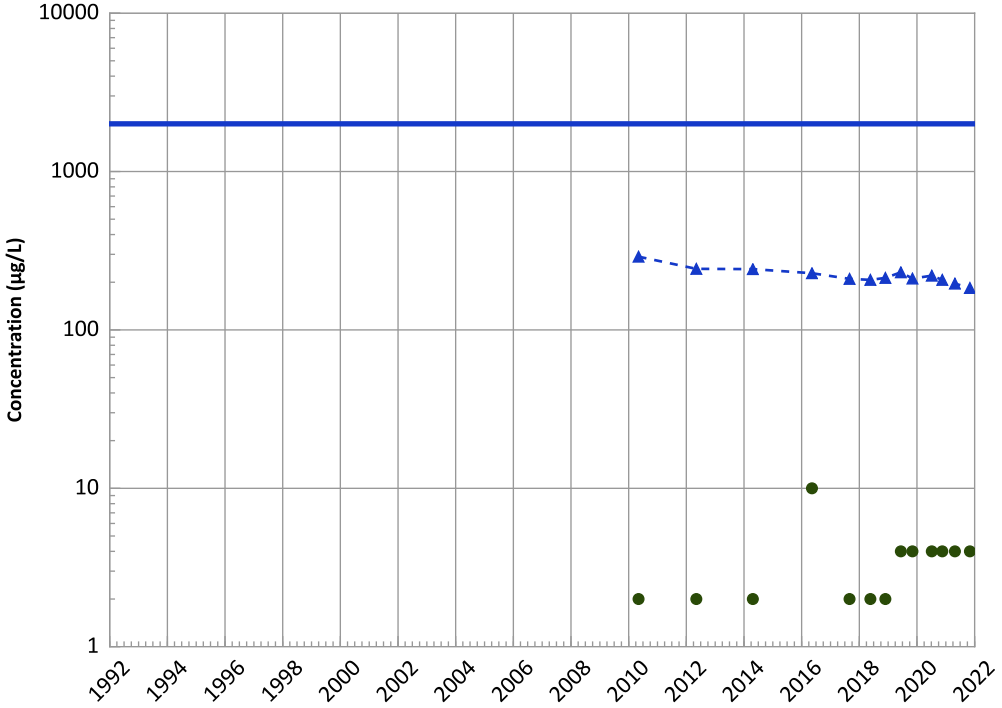


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Barium Trend



Concentration Trend

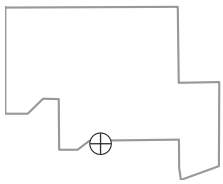
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

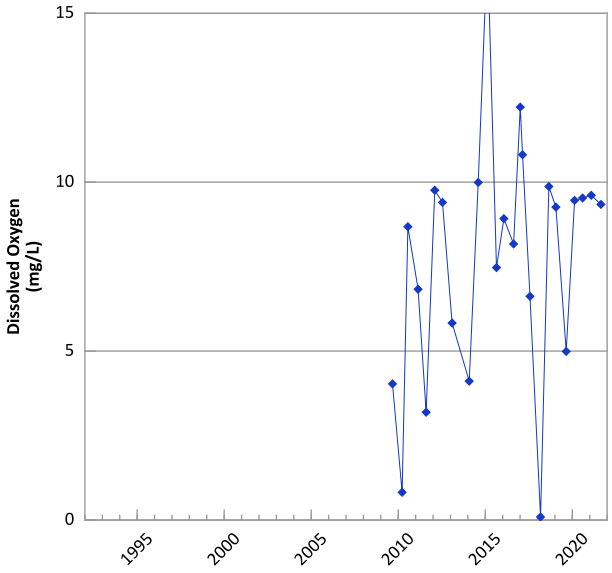
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/27/2009 to 11/02/2021
Analysis Date: 04/05/2022

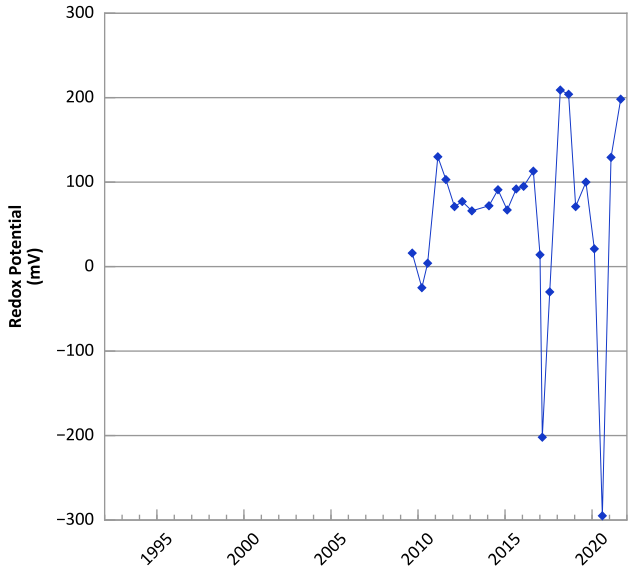
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

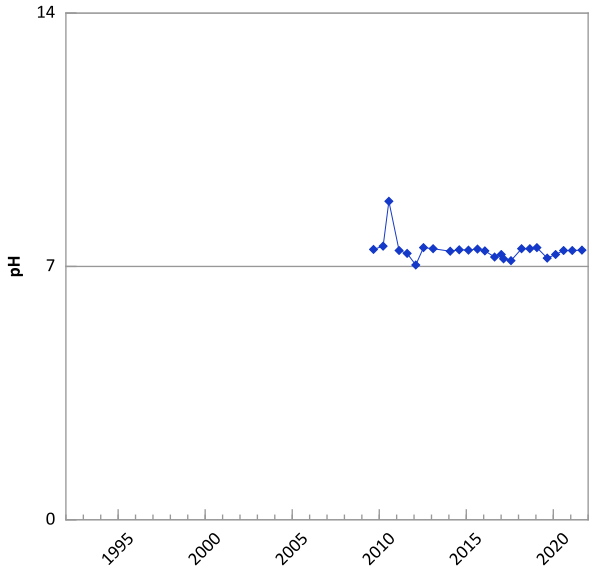
Well Location

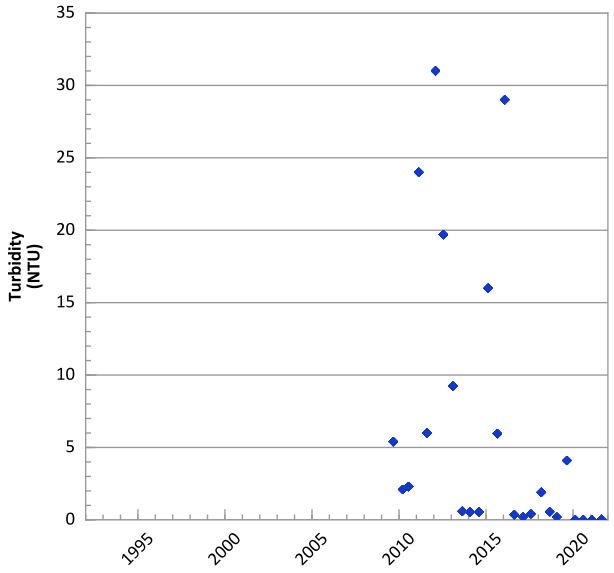


PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



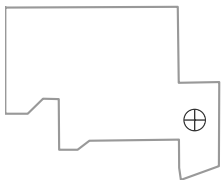






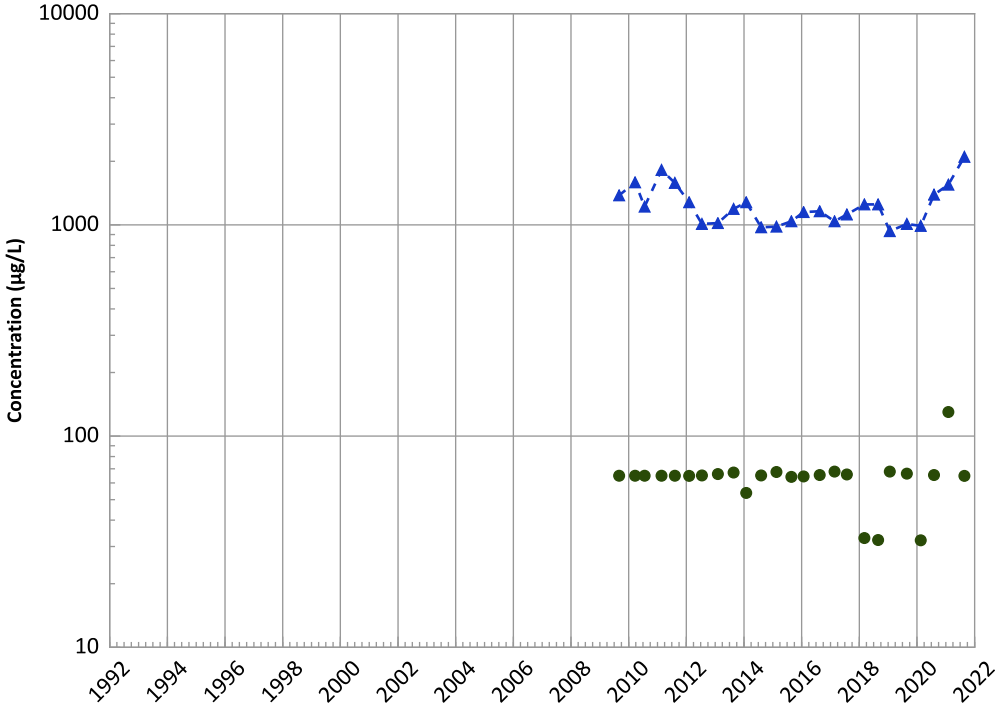
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

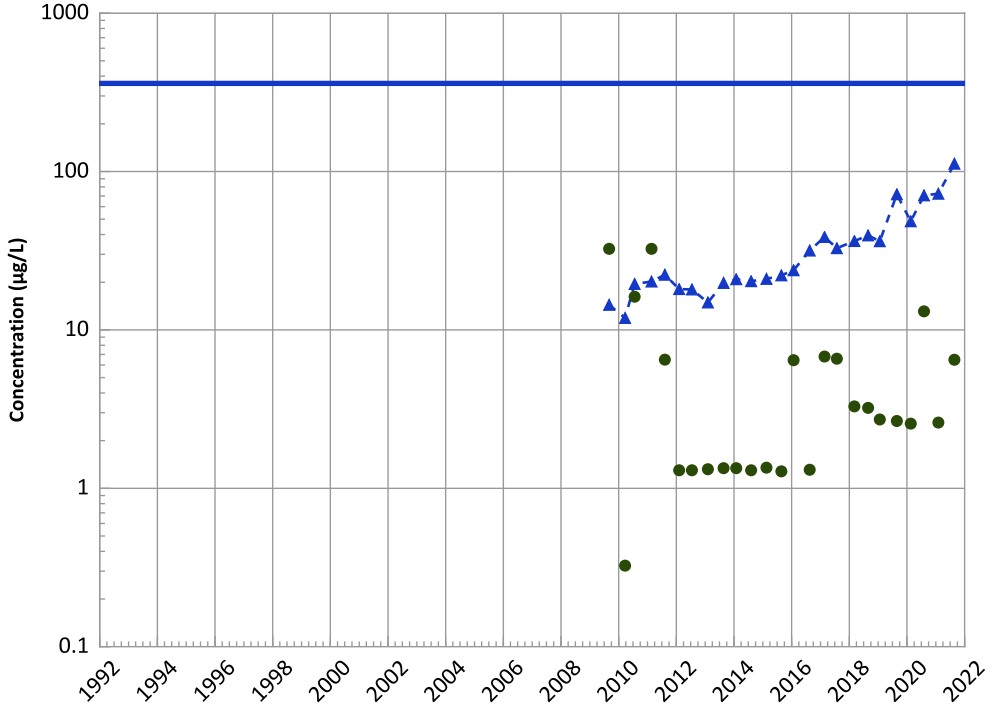


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

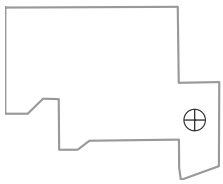
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

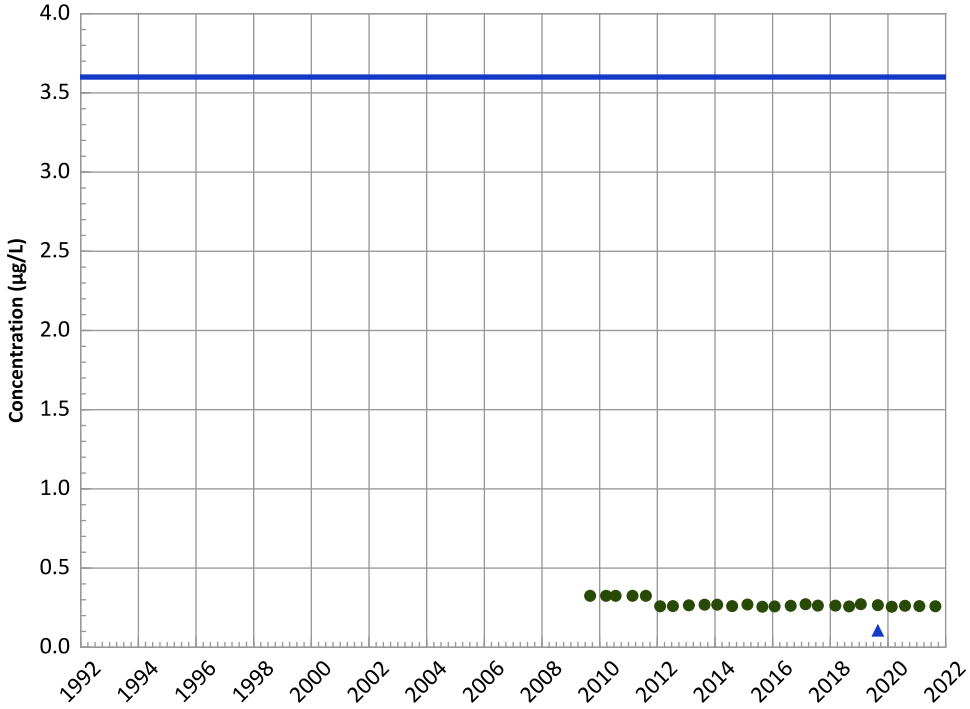
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

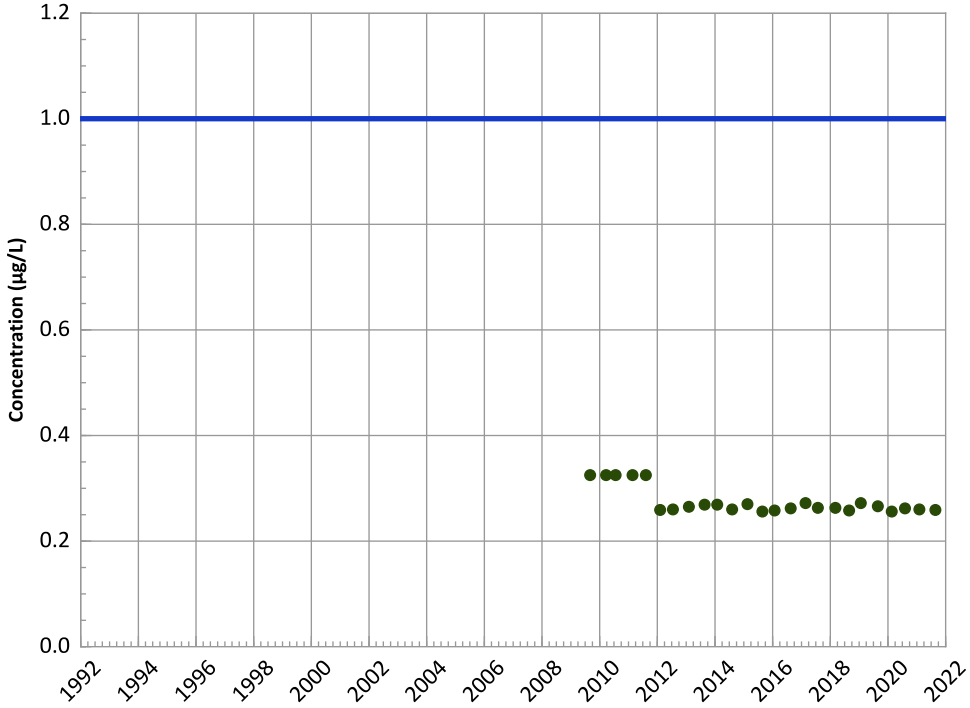


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

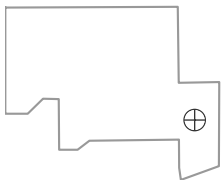
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

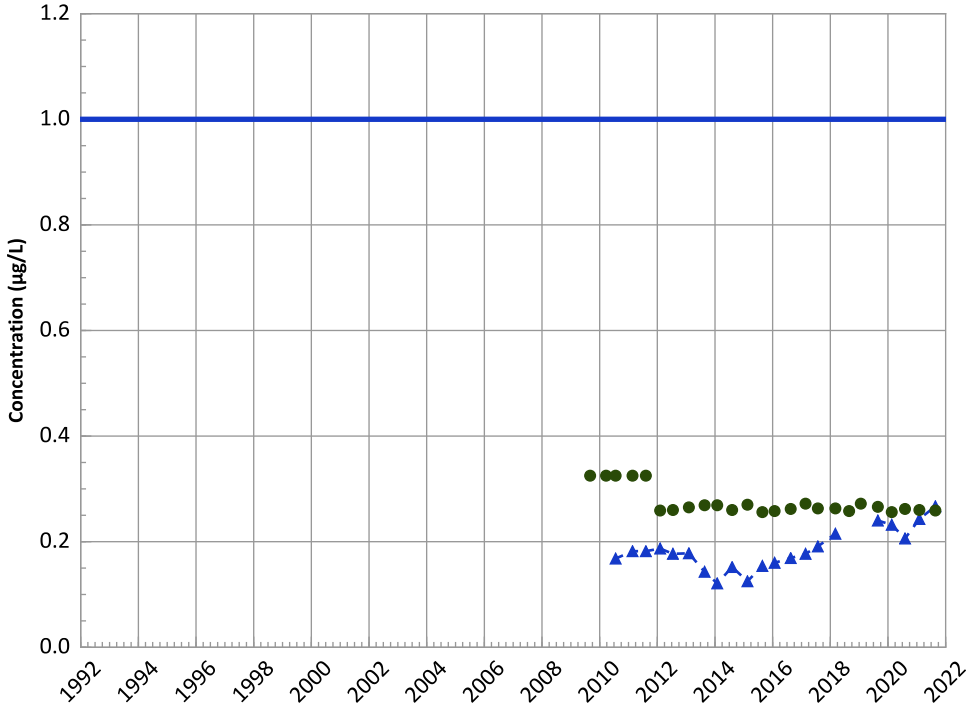
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

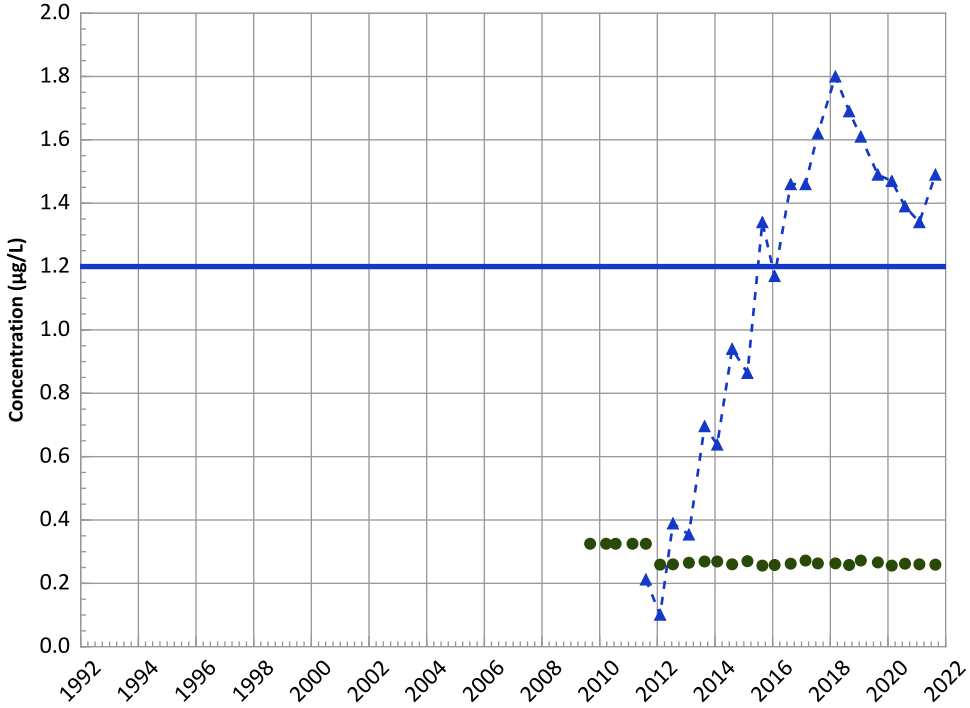


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

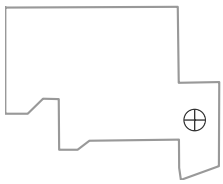
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

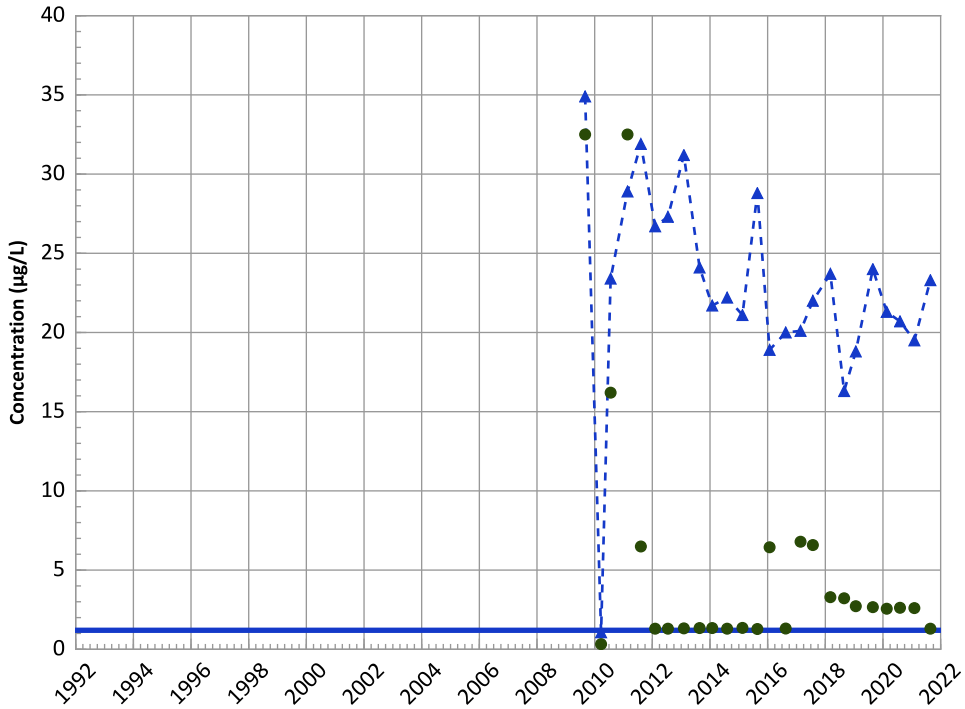
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

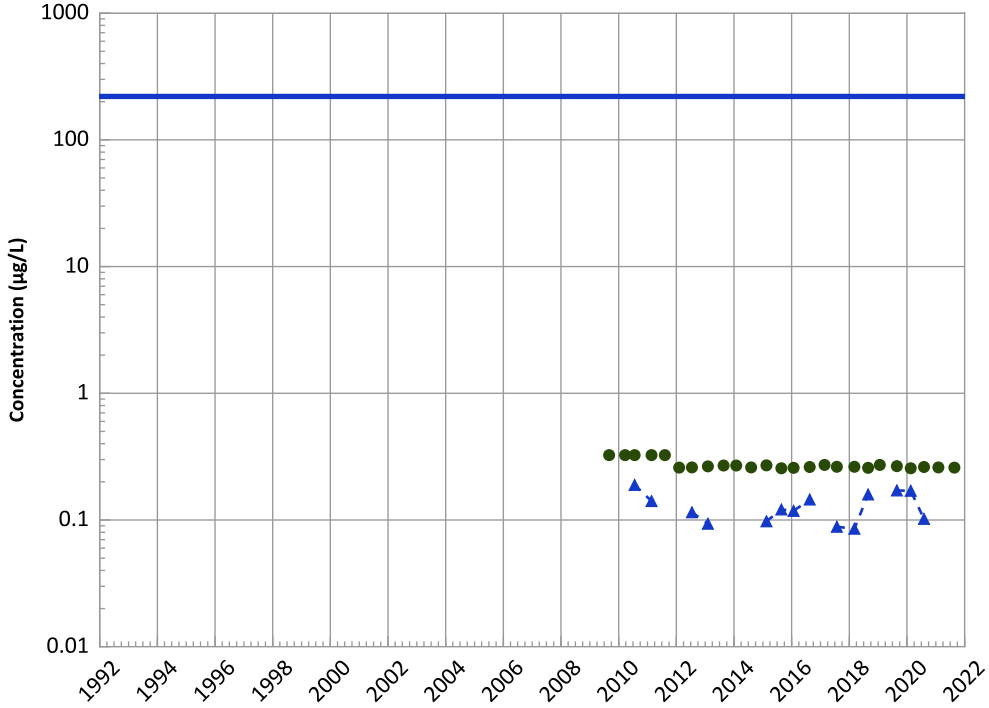


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

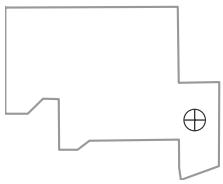
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

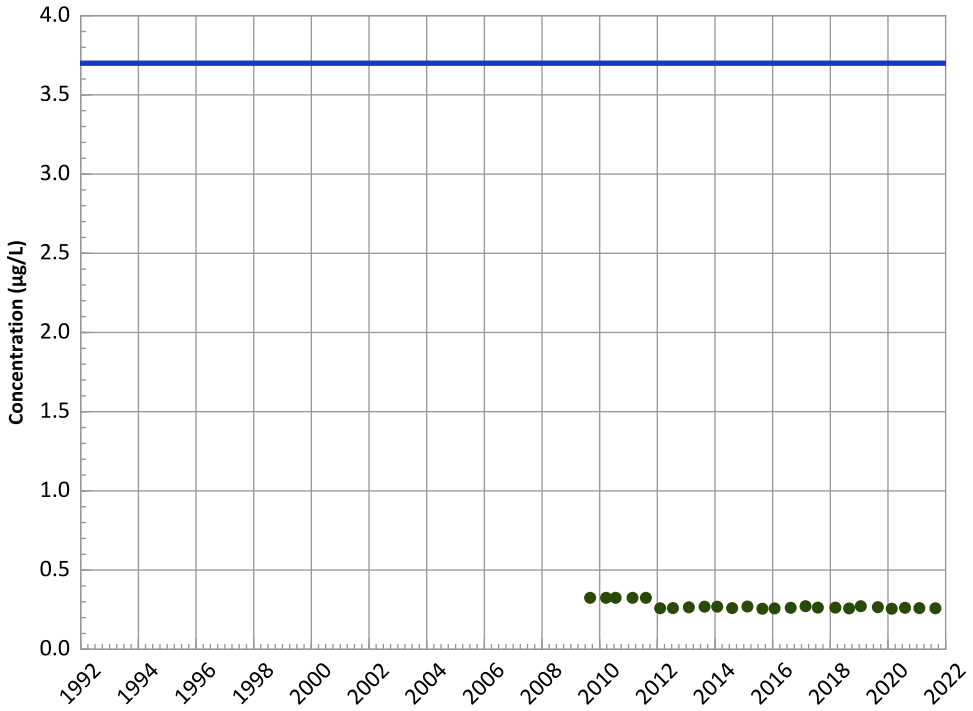
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

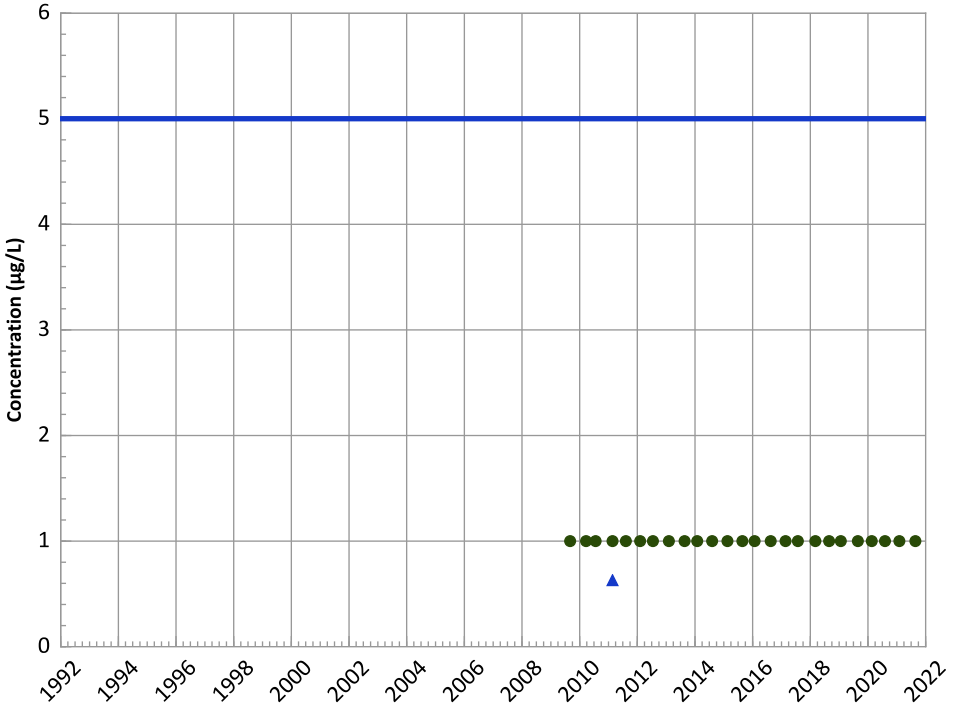


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

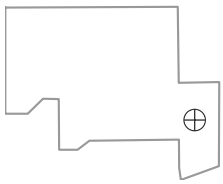
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

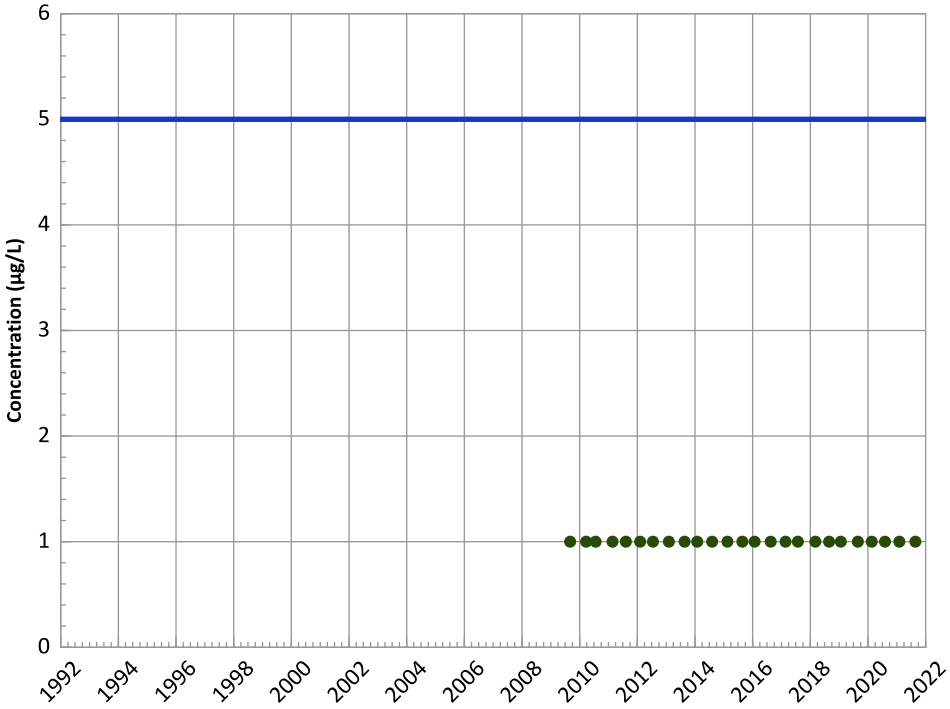
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

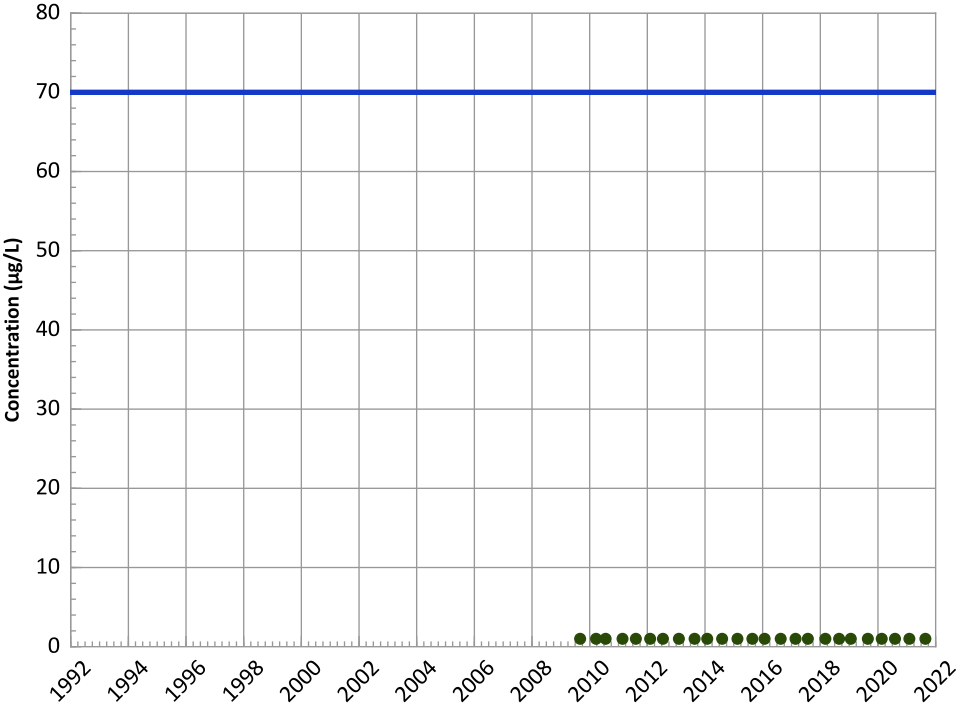


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

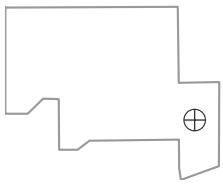
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

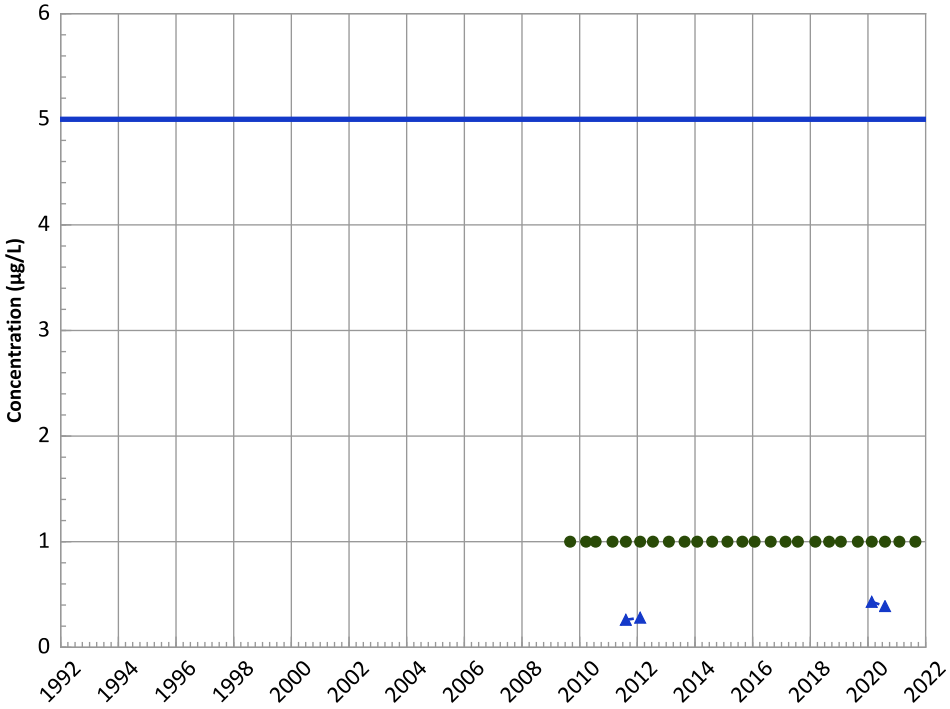
▲ Measured Value
● Sample Detection Limit
- - - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

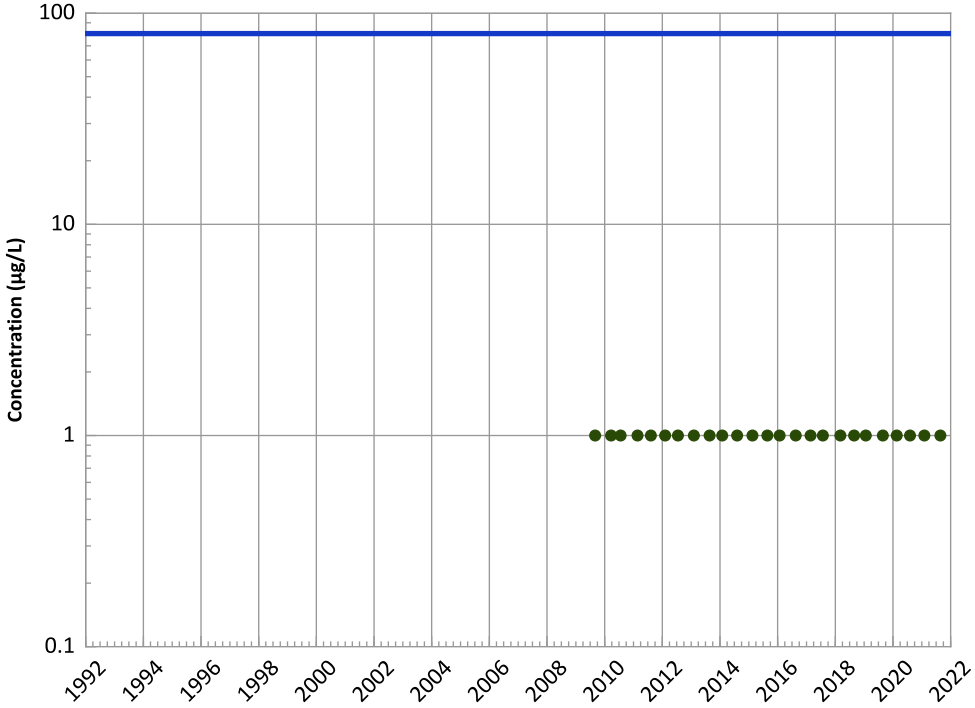


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chloroform Trend



Concentration Trend

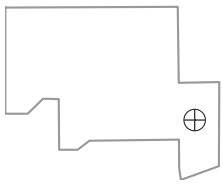
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

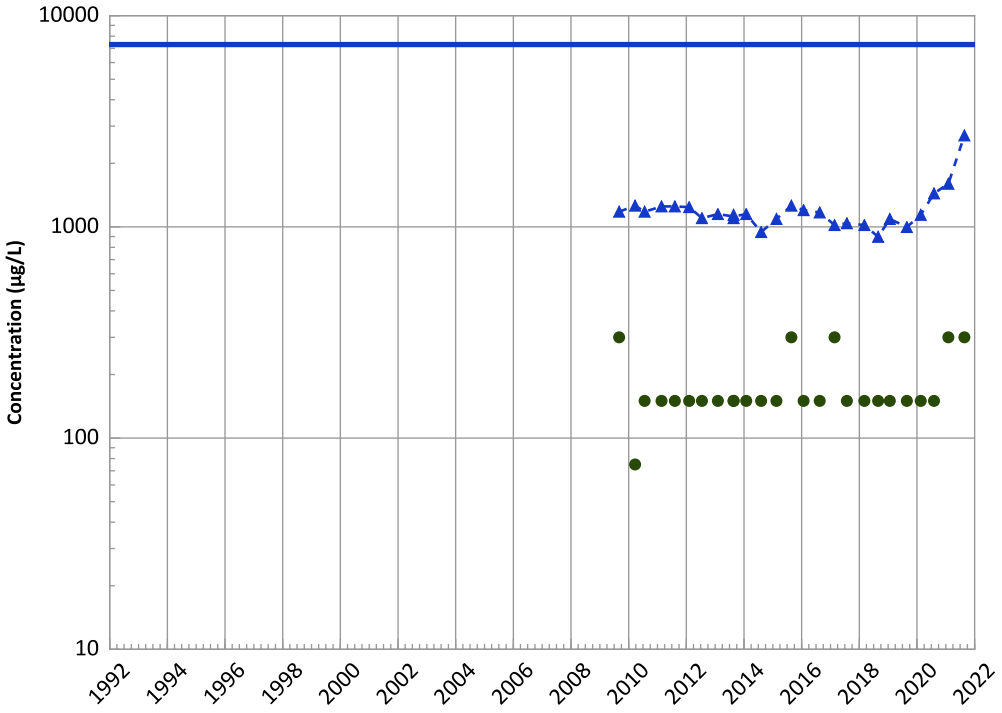
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

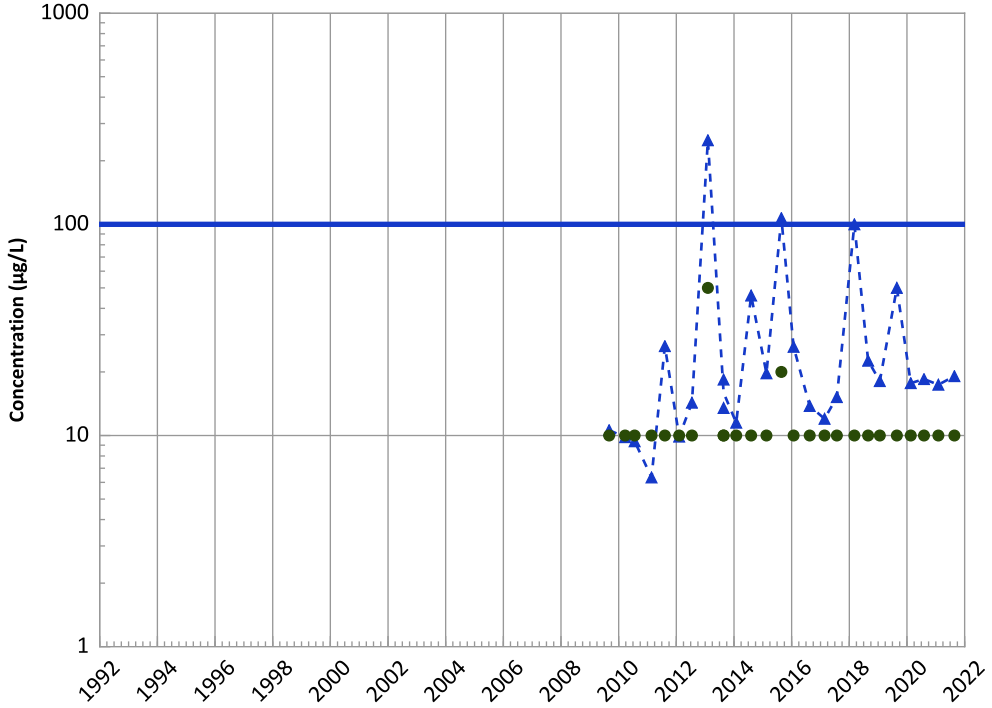


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

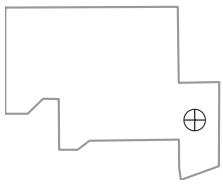
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

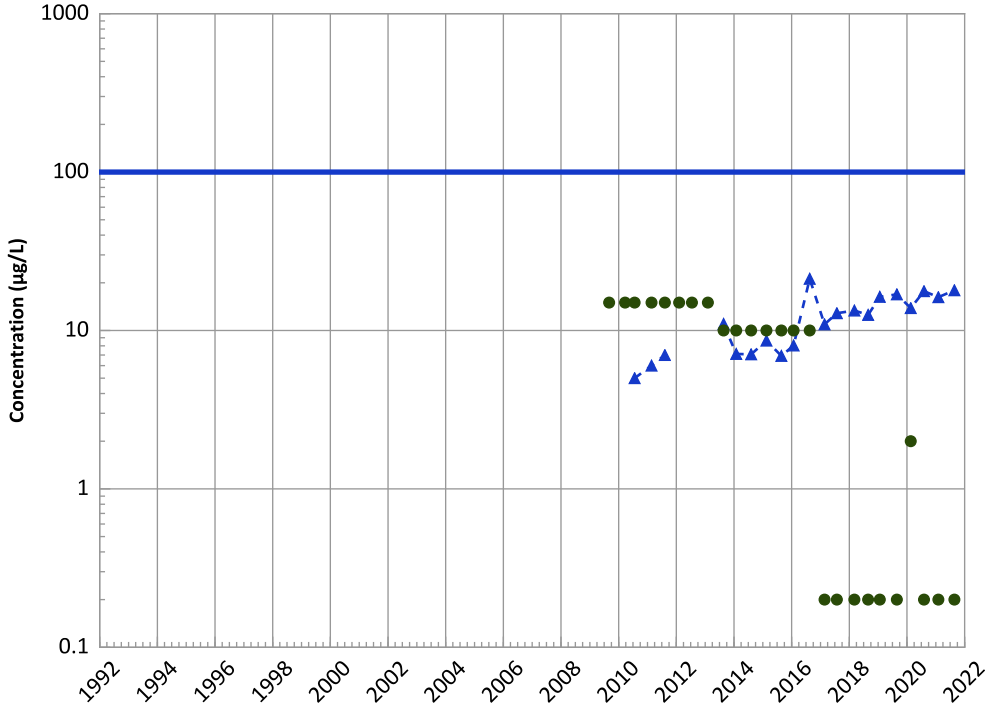
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

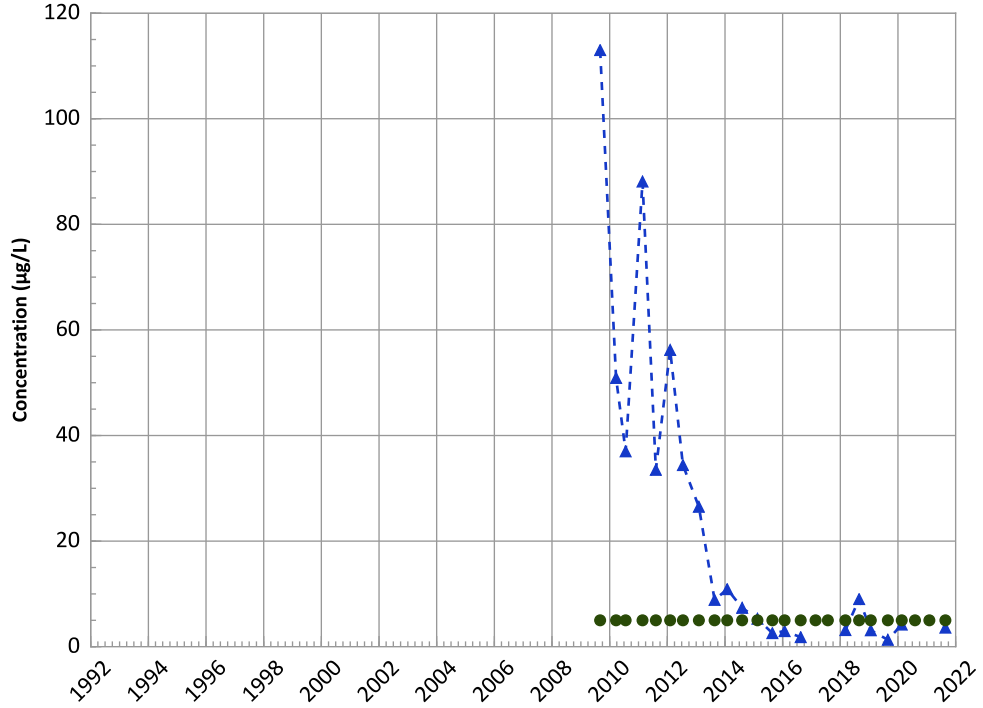


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Manganese Trend



Concentration Trend

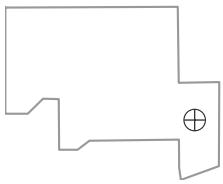
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

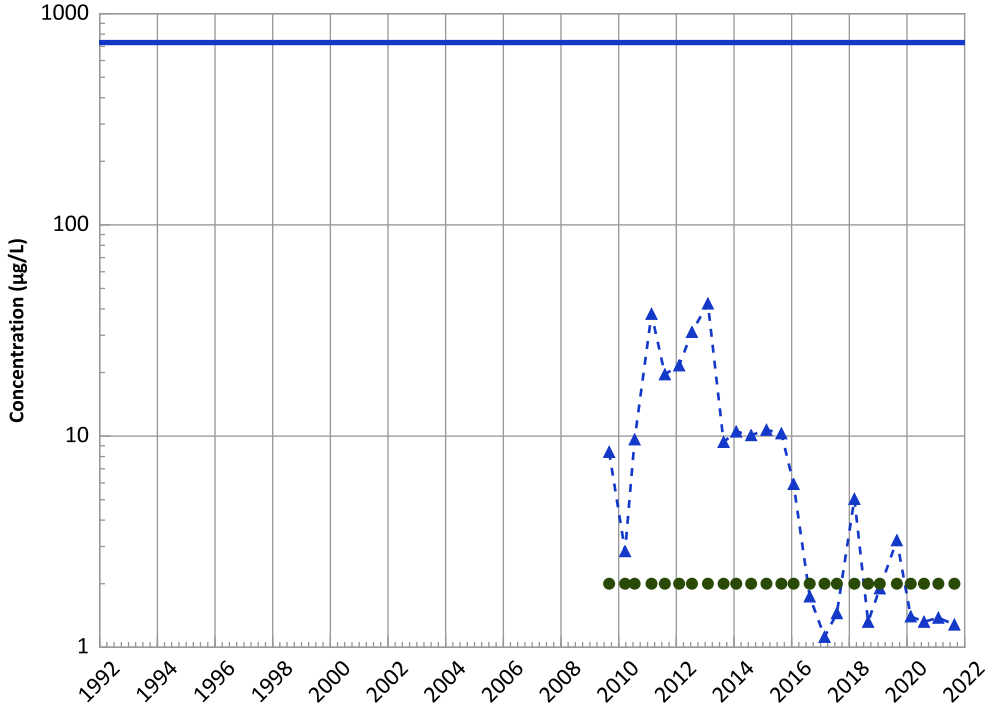
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

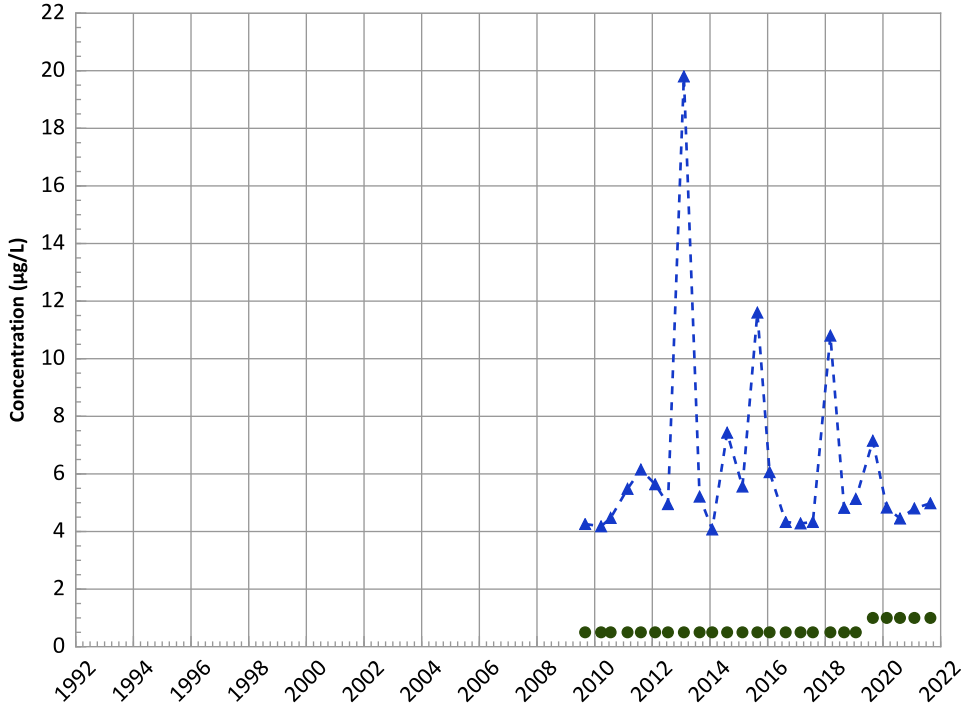


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

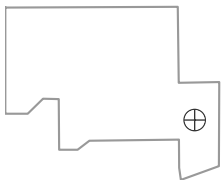
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

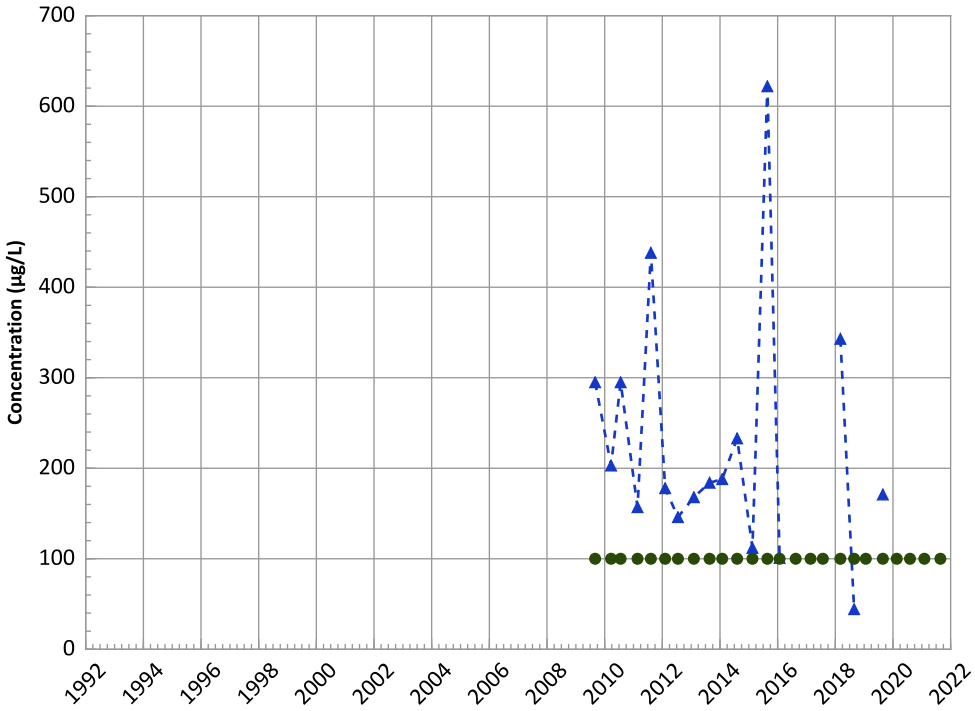
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1146 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

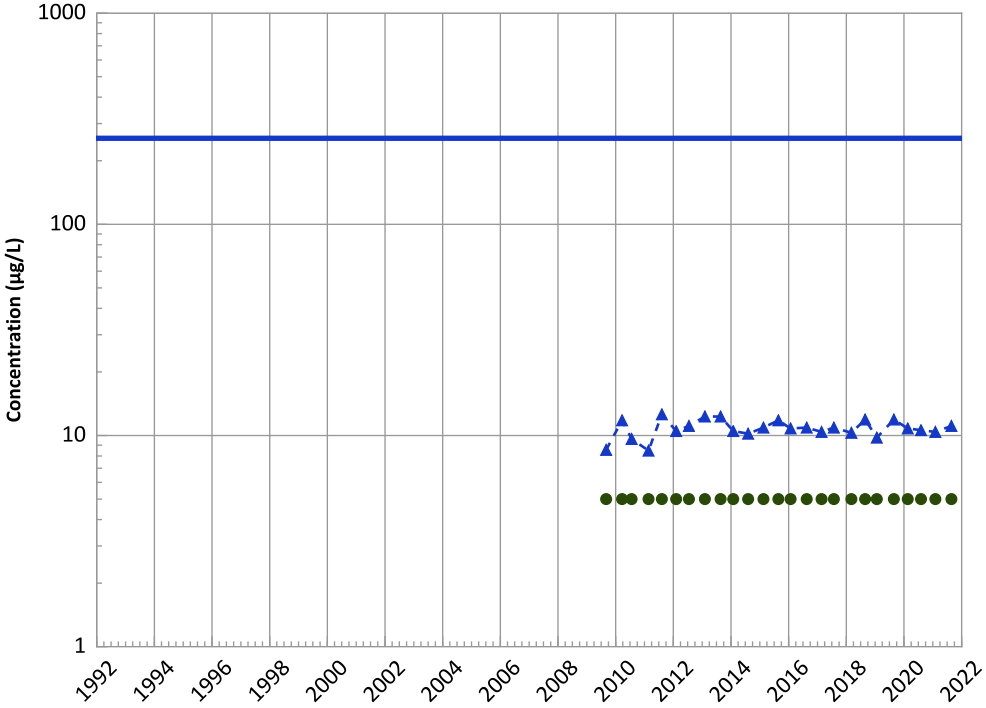


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Vanadium Trend



Concentration Trend

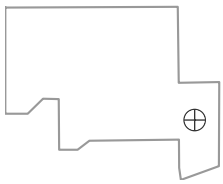
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

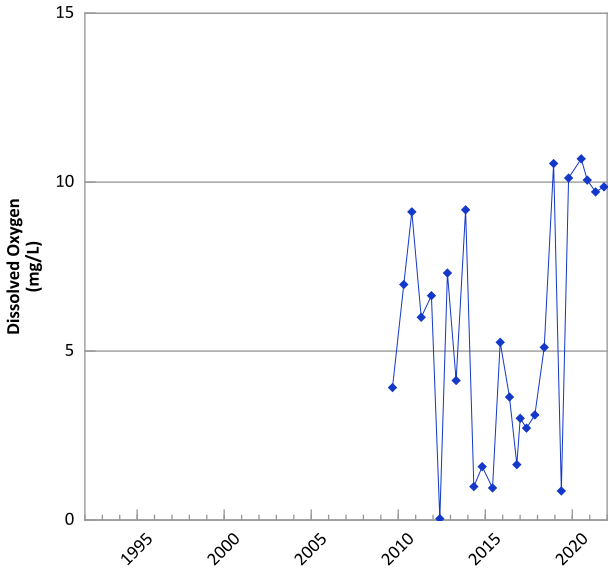
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 08/24/2021
Analysis Date: 04/05/2022

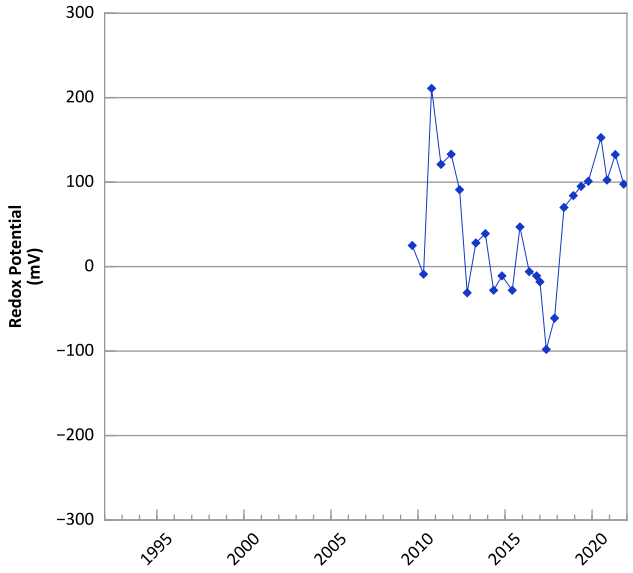
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

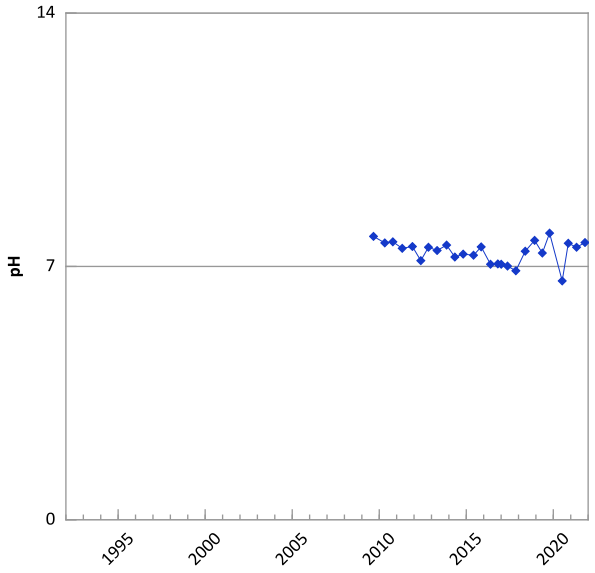
Well Location

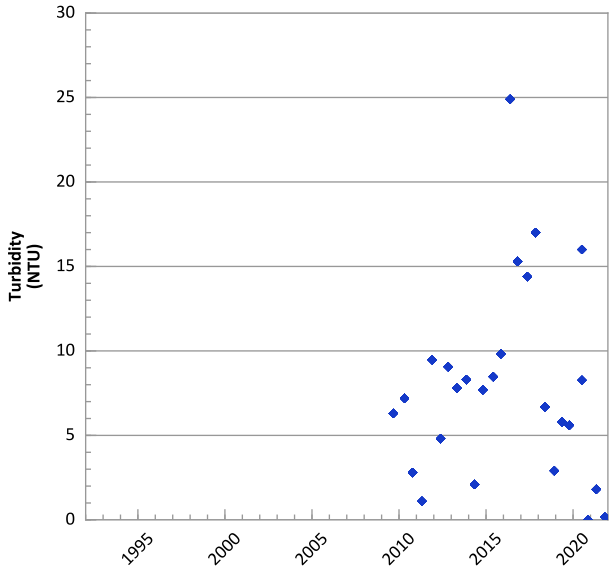


PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



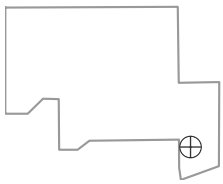






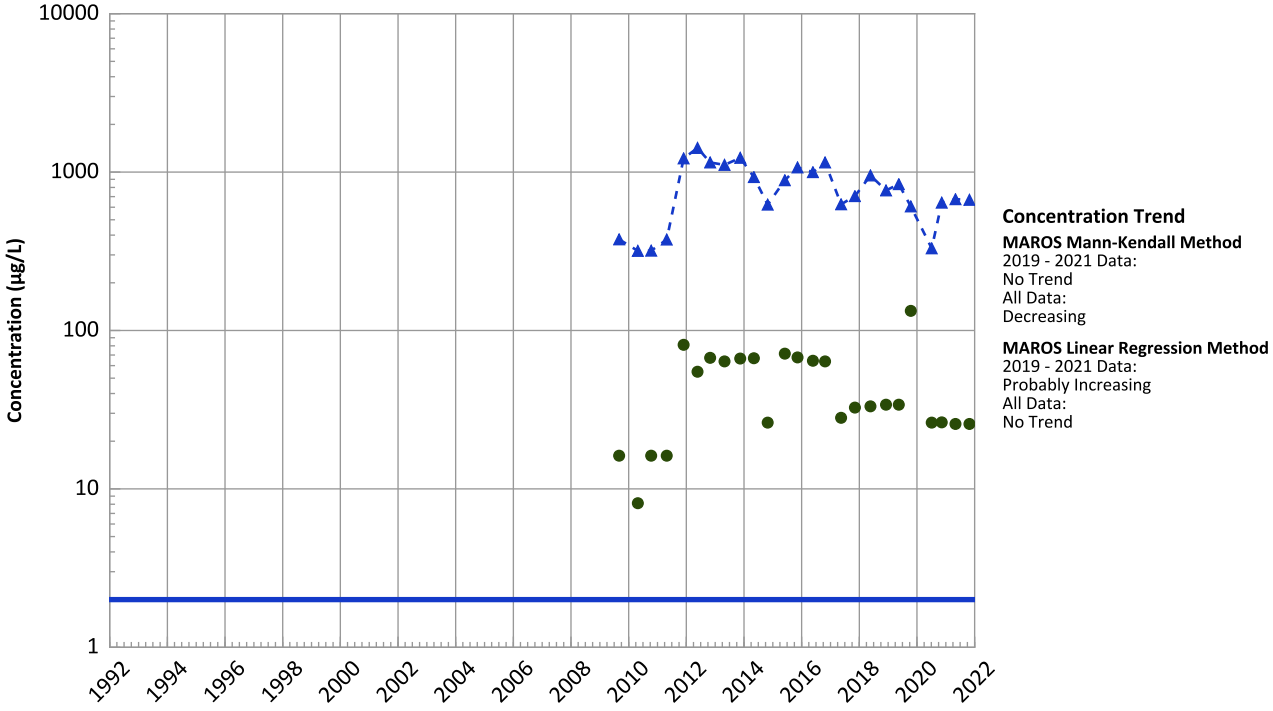
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

Well Location

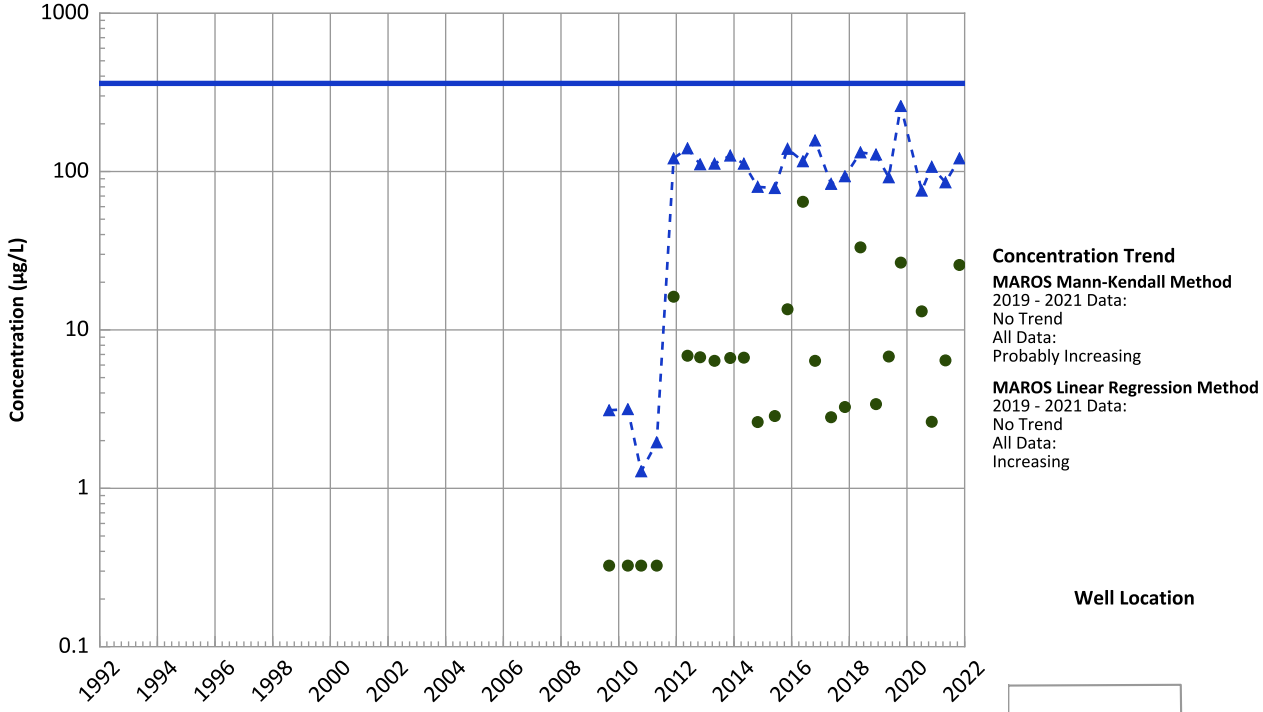


PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



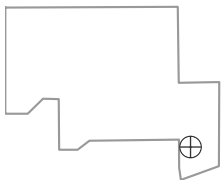
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

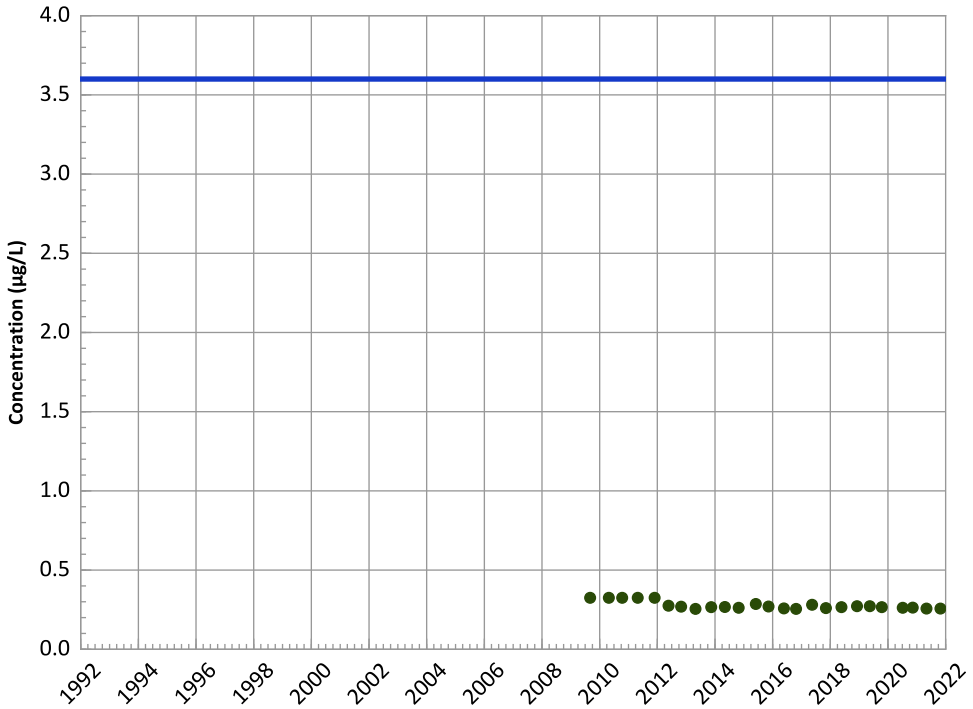
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

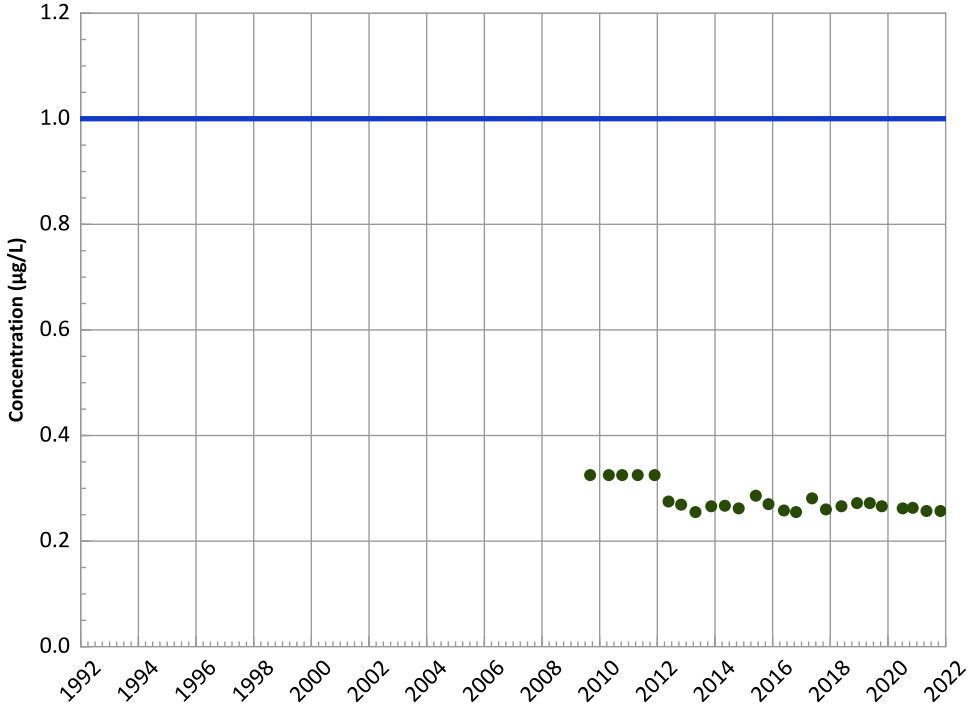


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

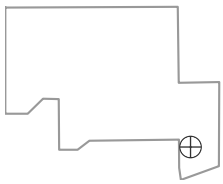
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

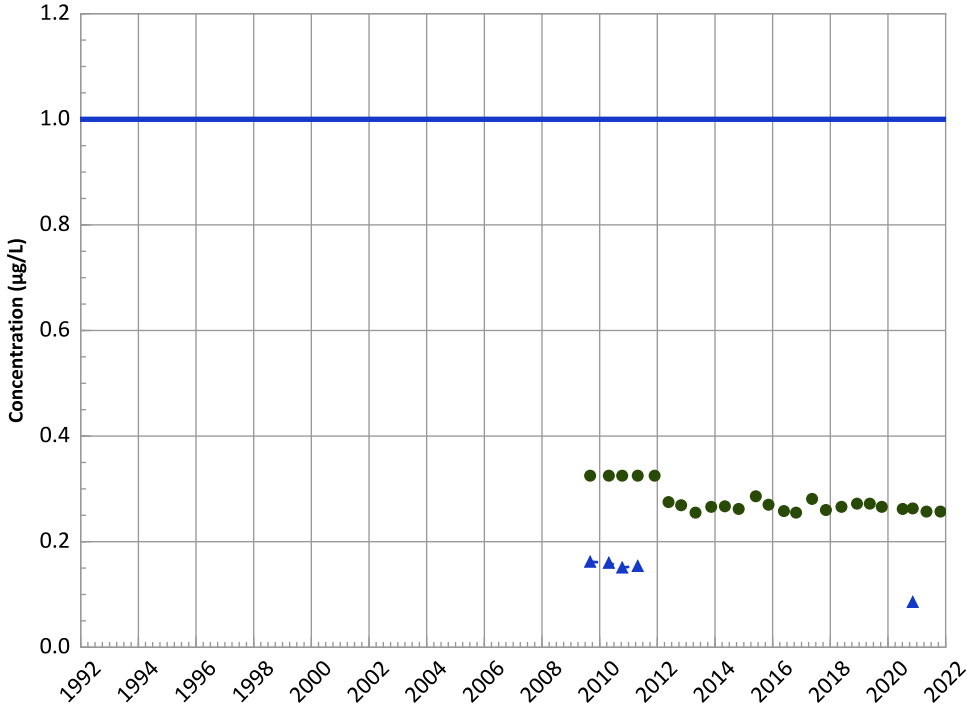
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

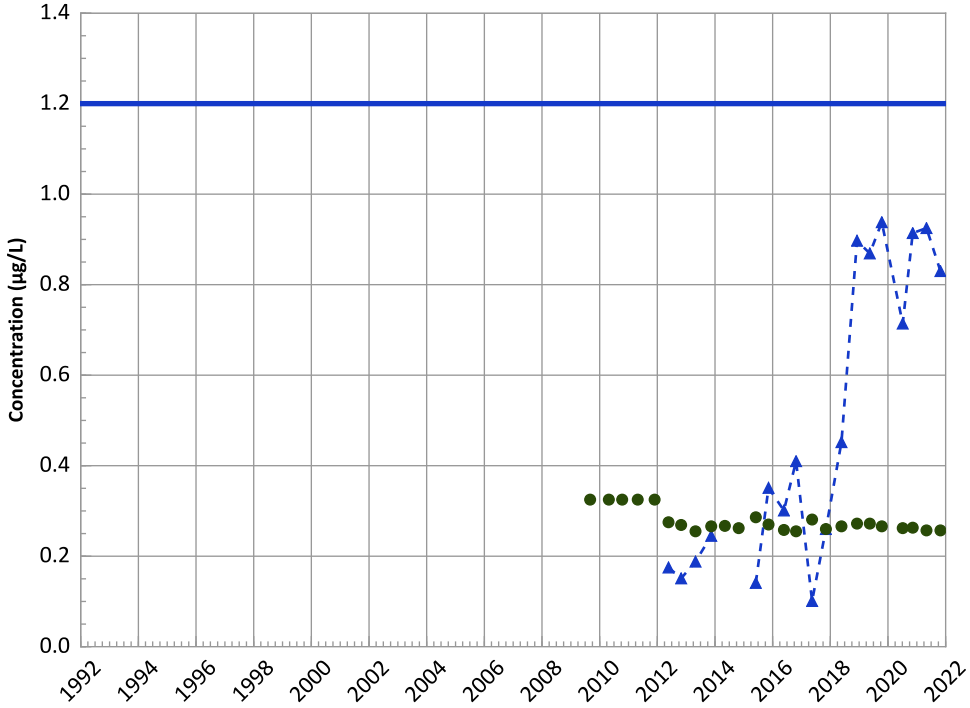


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

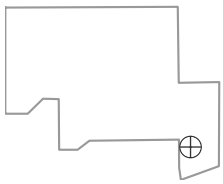
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

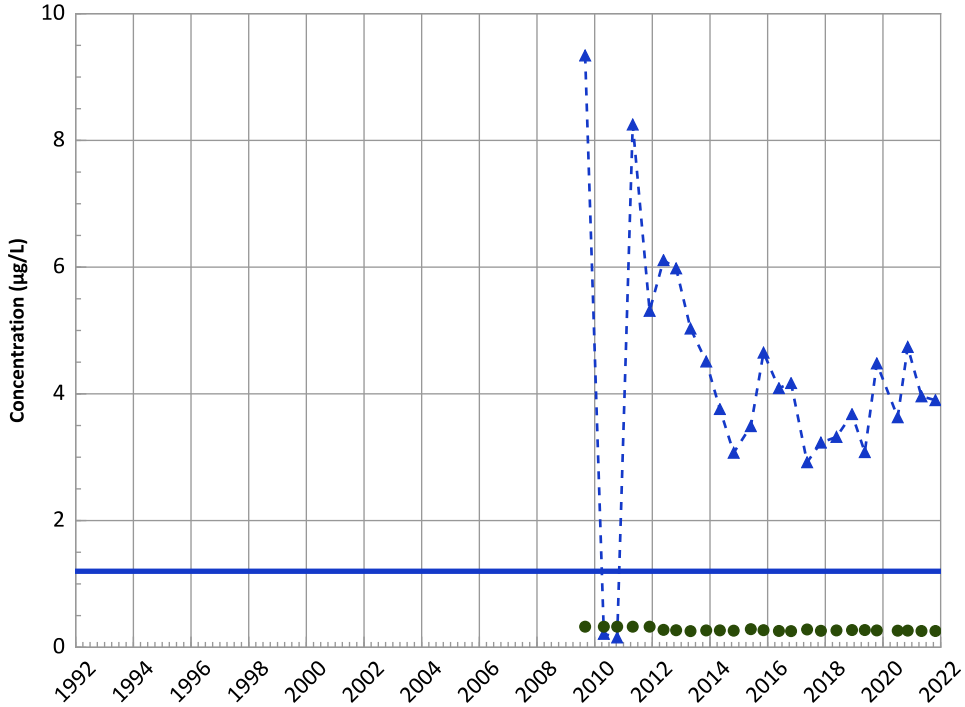
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

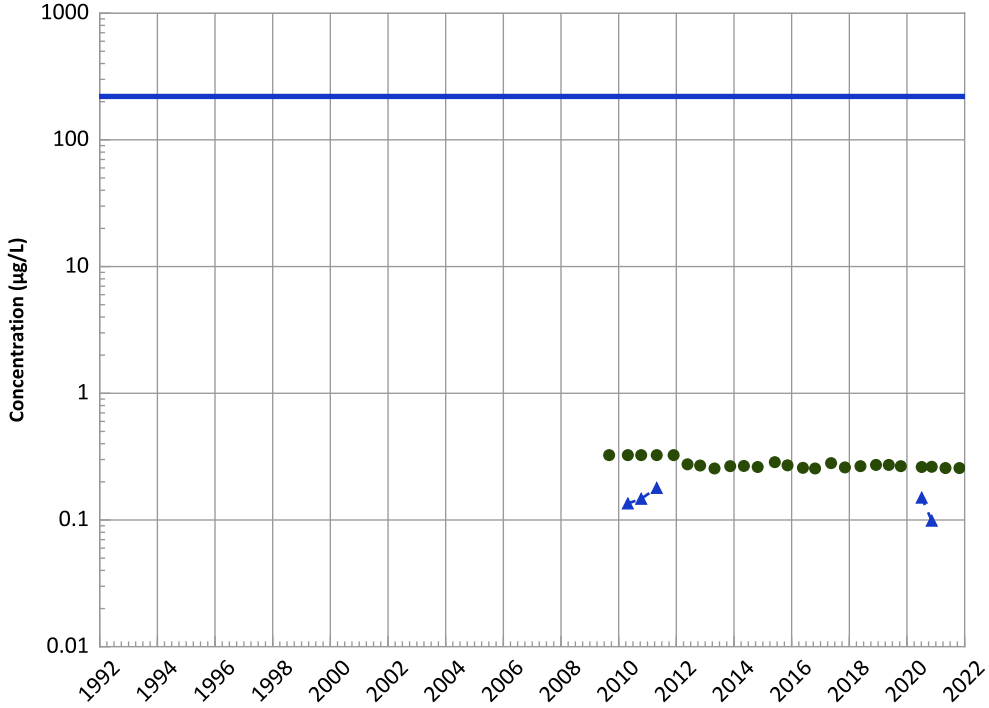


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

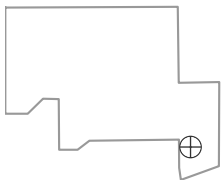
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

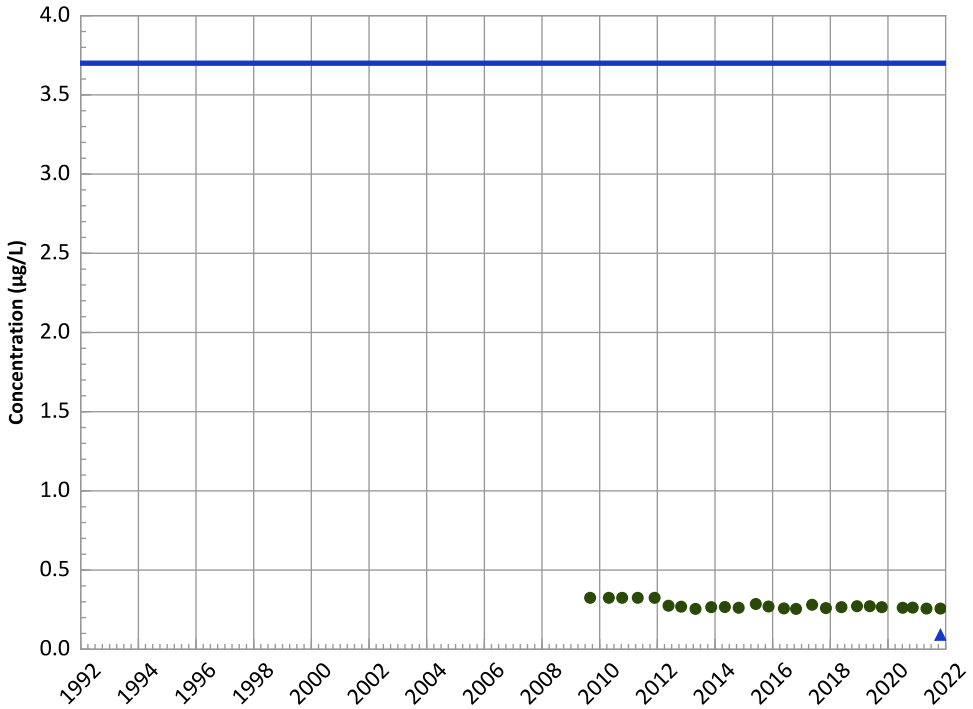
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

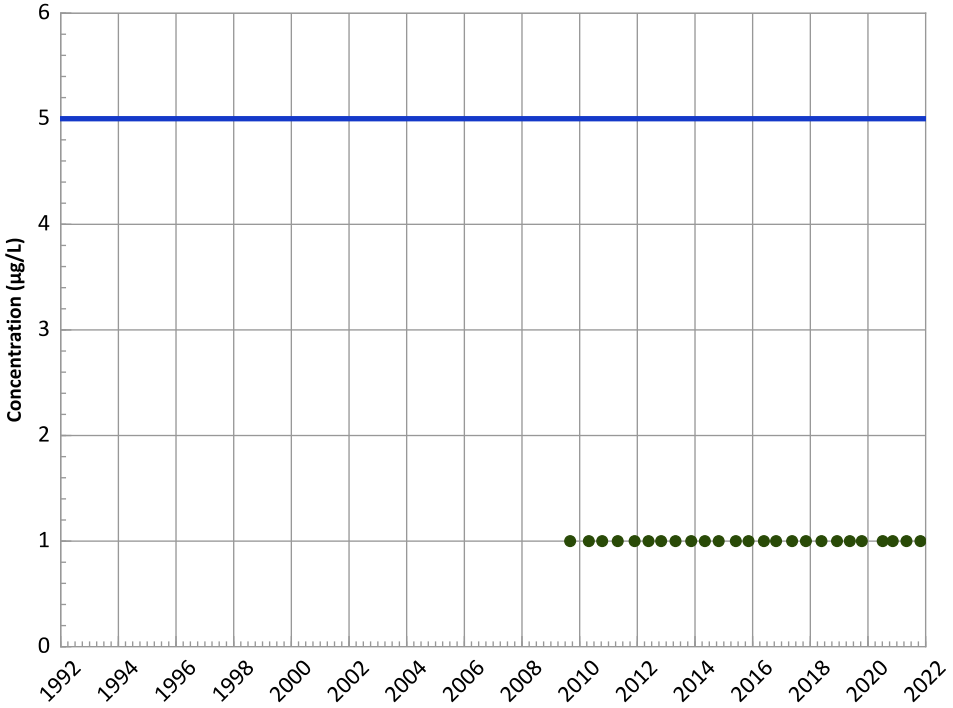


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

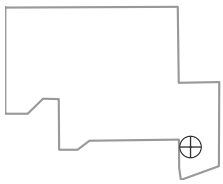
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

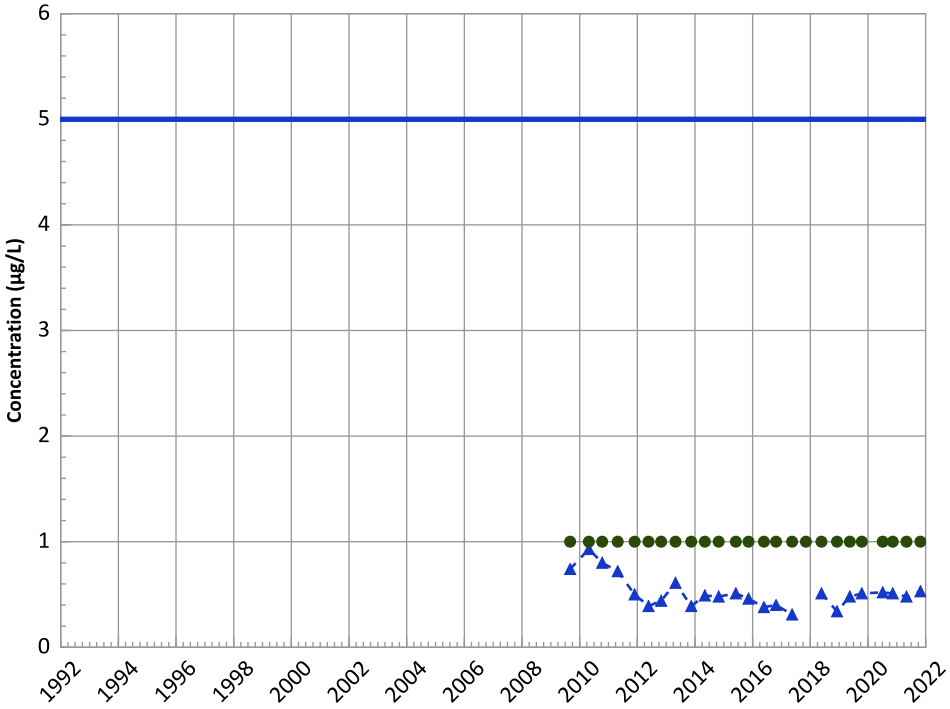
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

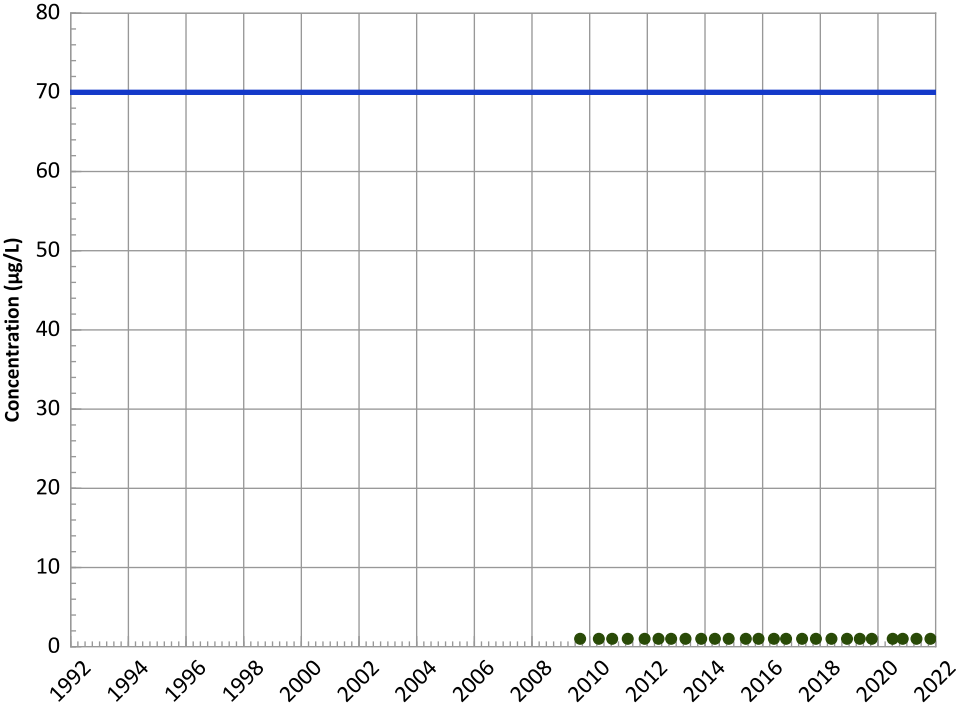


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

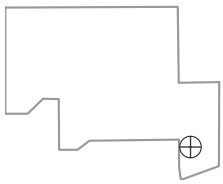
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

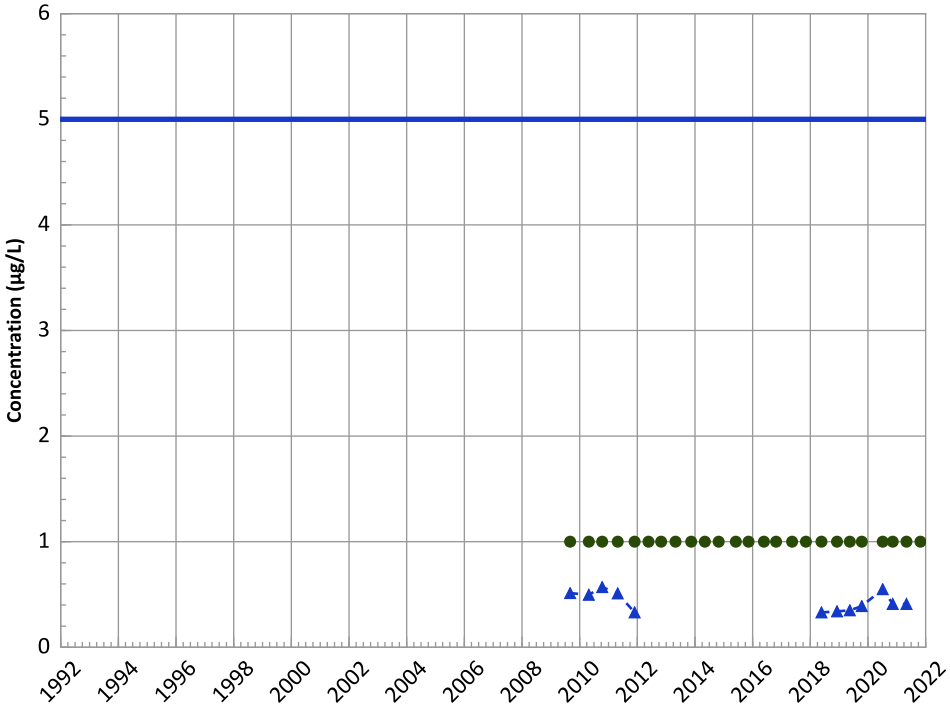
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

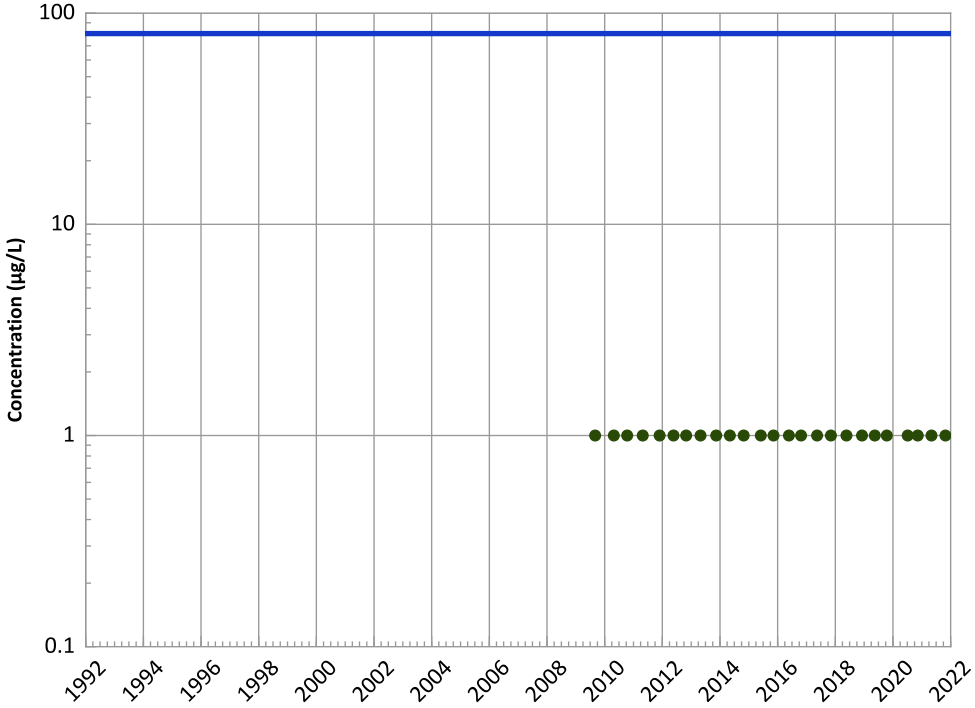


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chloroform Trend



Concentration Trend

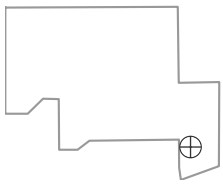
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

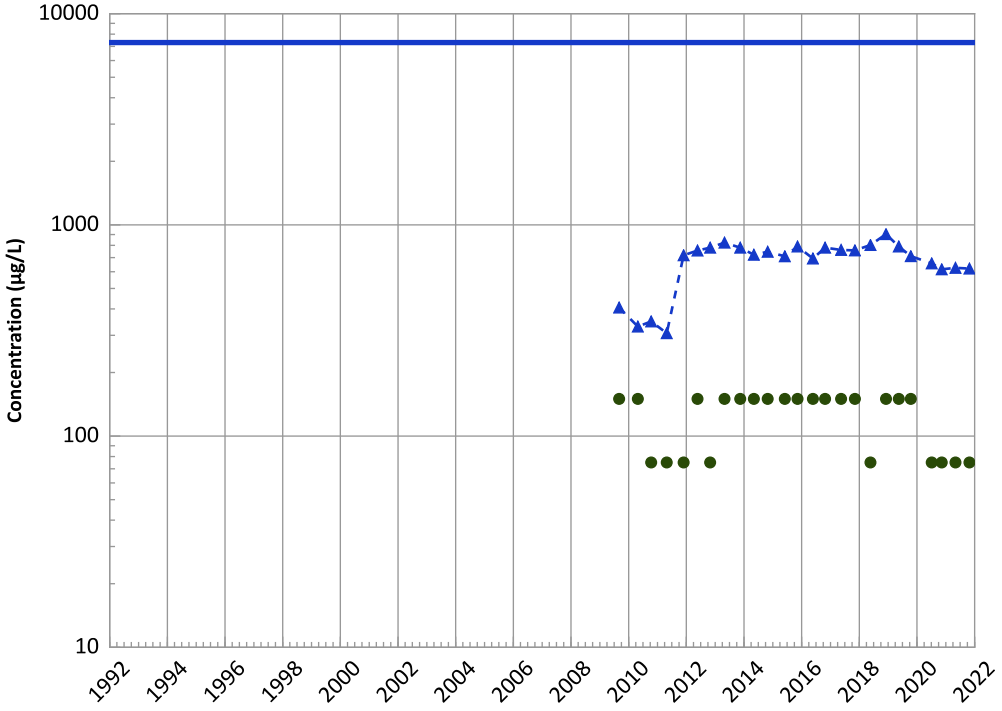
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

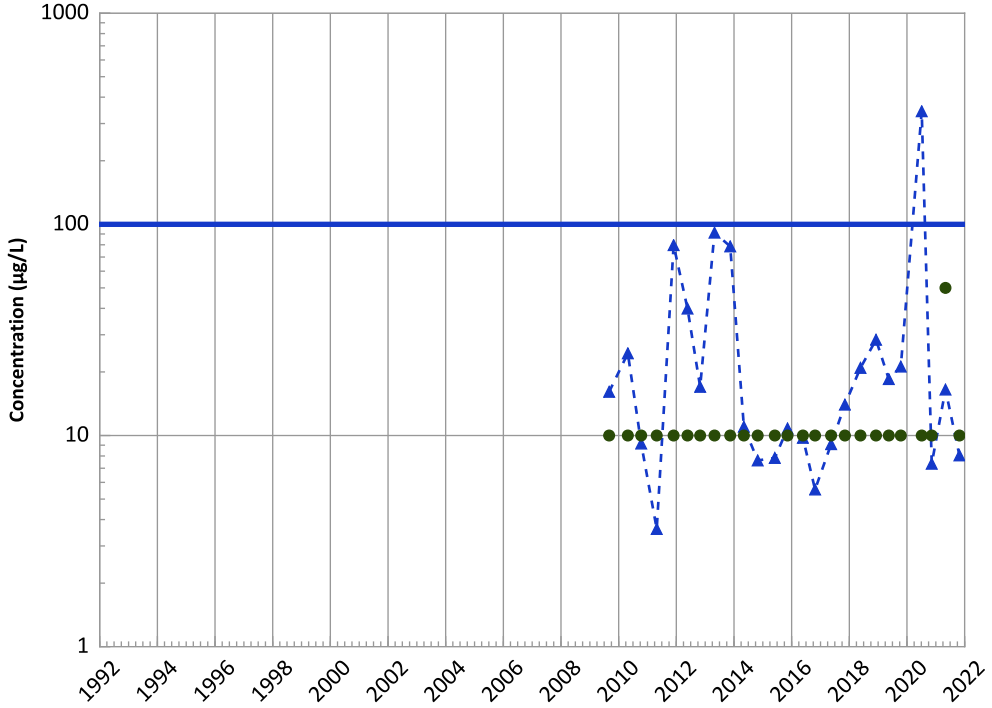


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

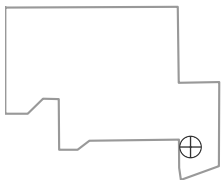
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

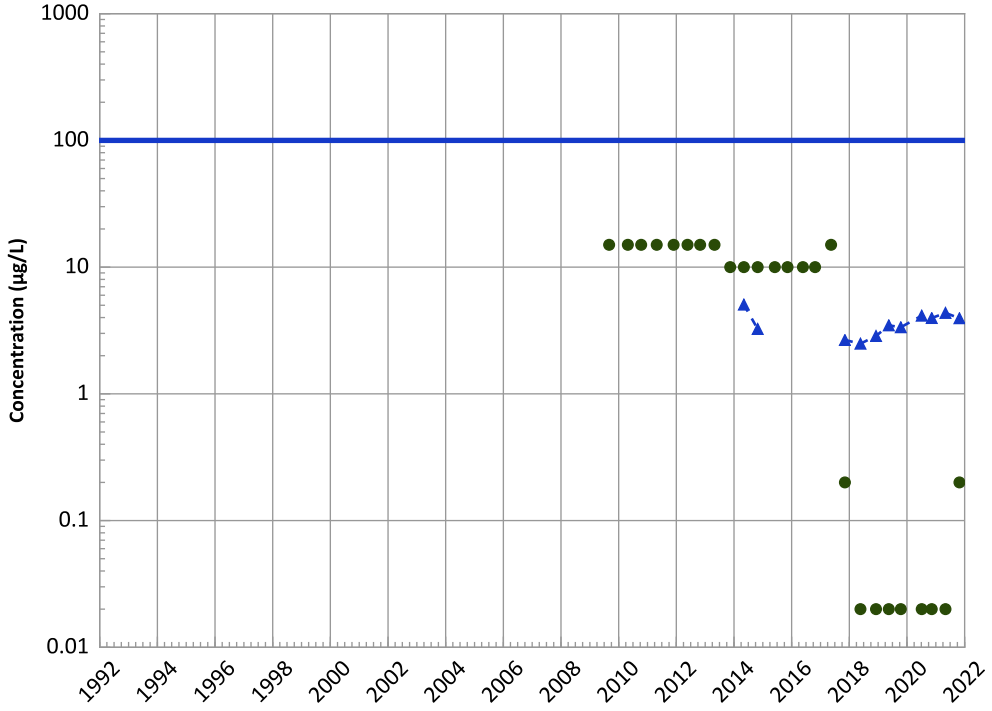
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

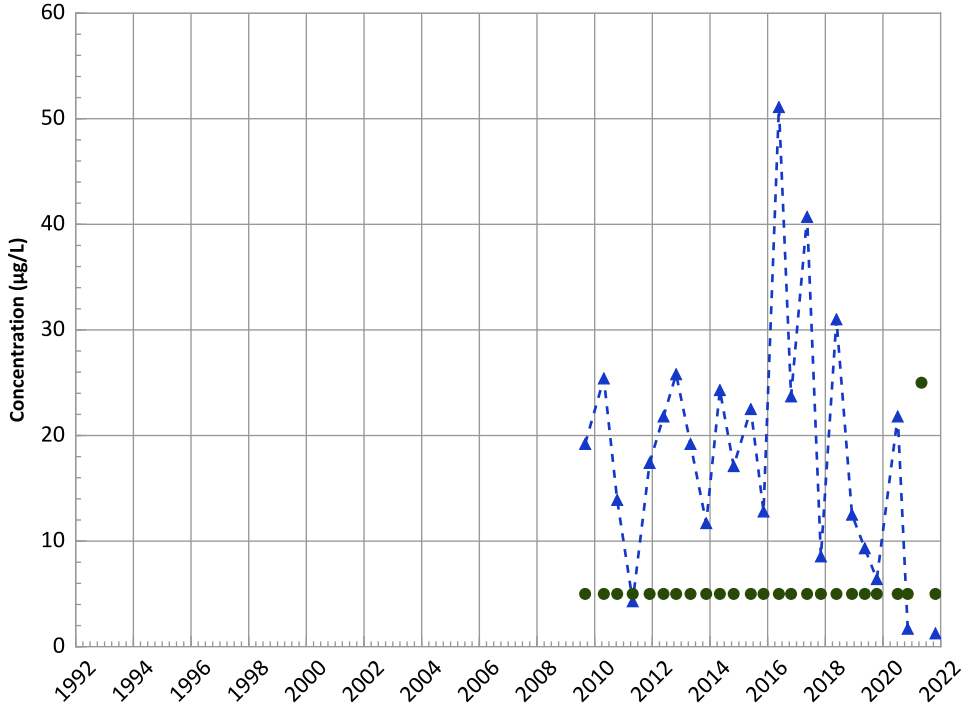


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Manganese Trend



Concentration Trend

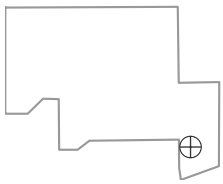
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

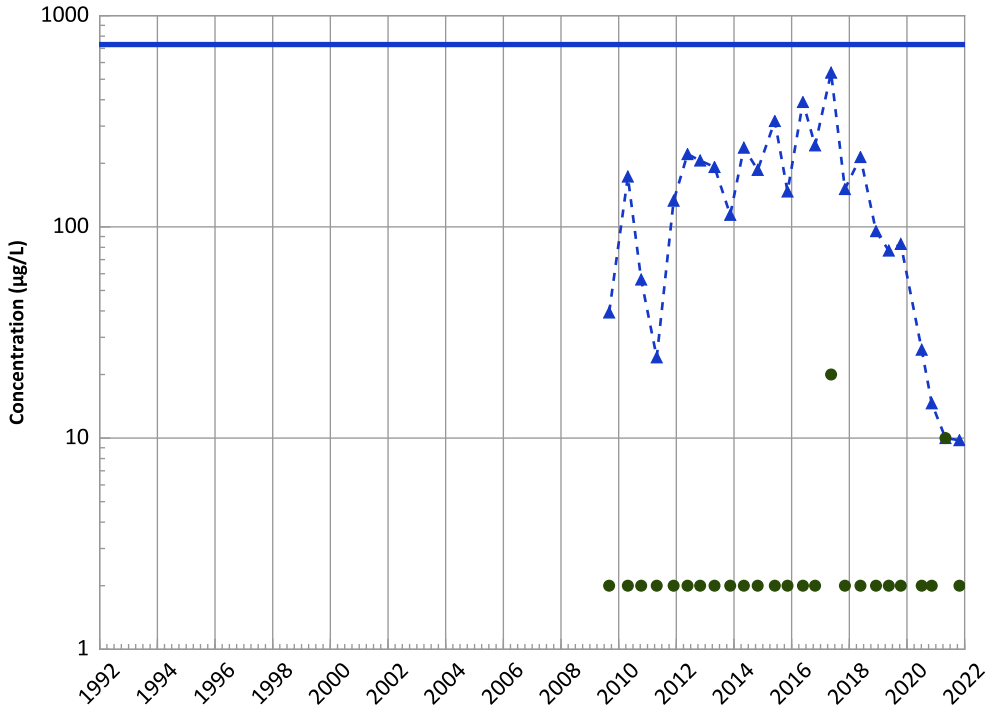
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

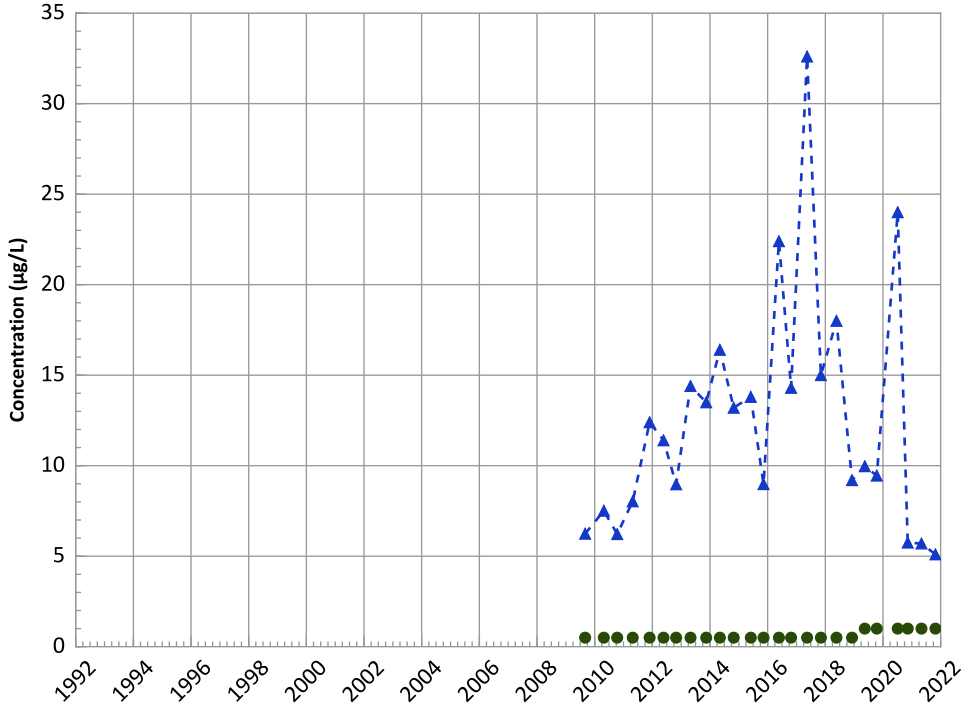


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

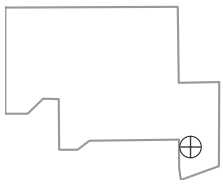
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

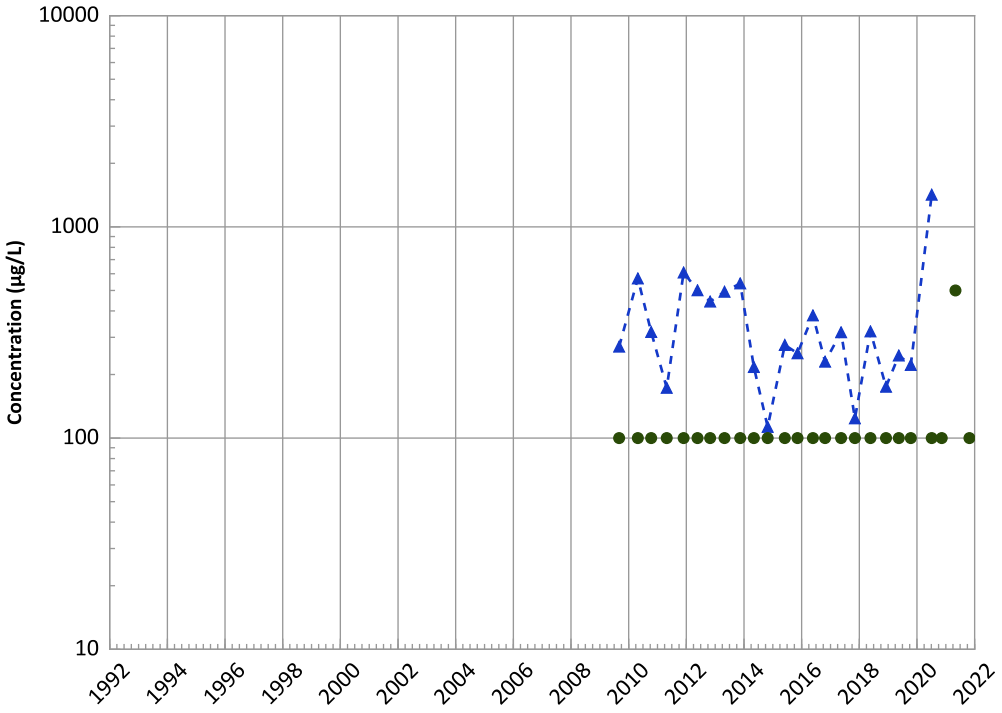
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1147 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

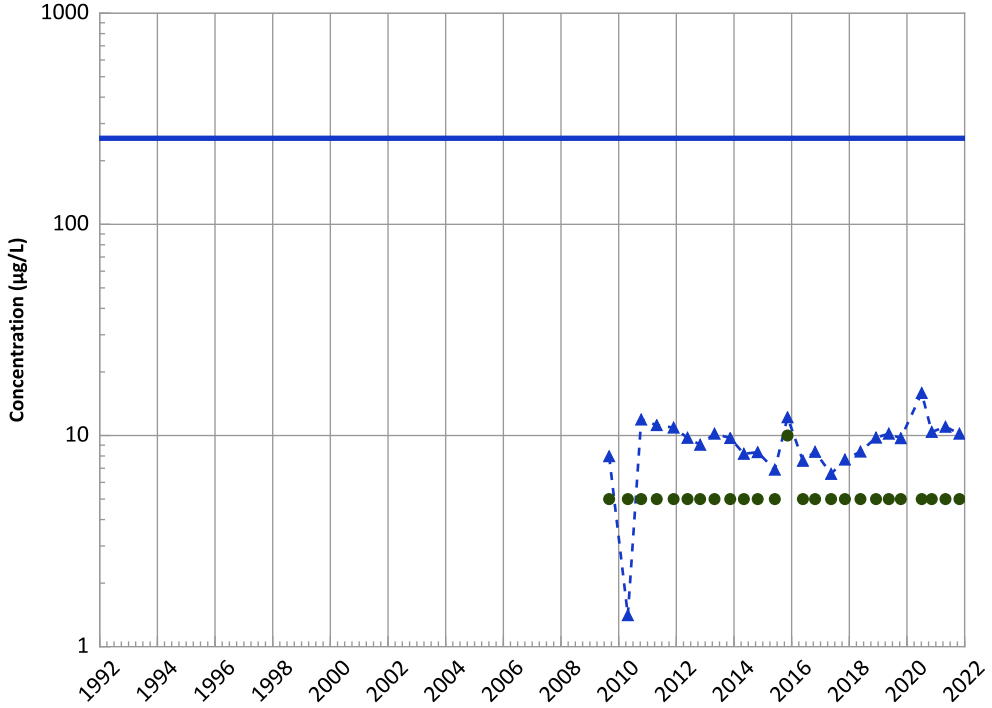


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Vanadium Trend



Concentration Trend

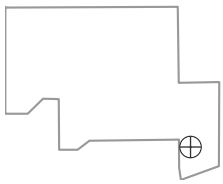
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Increasing

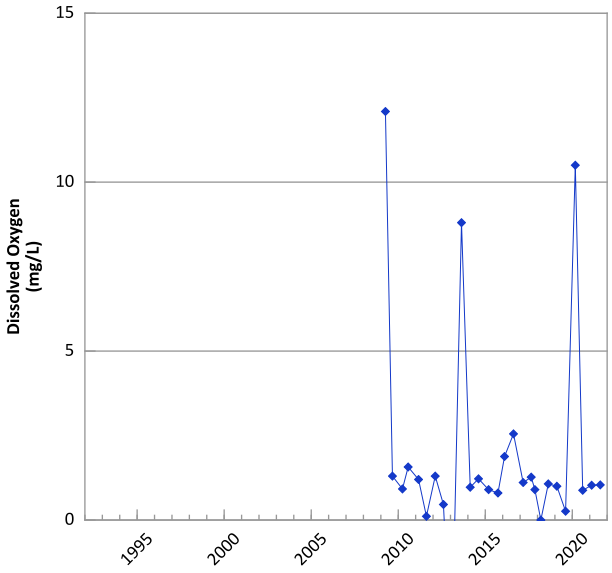
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/02/2009 to 10/27/2021
Analysis Date: 04/05/2022

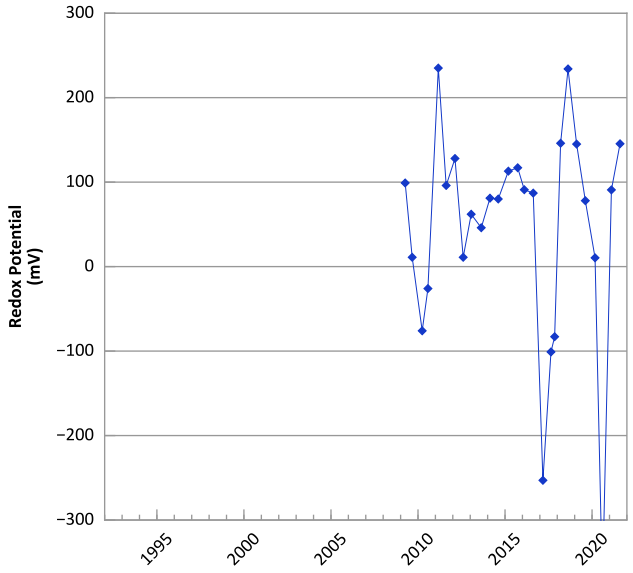
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

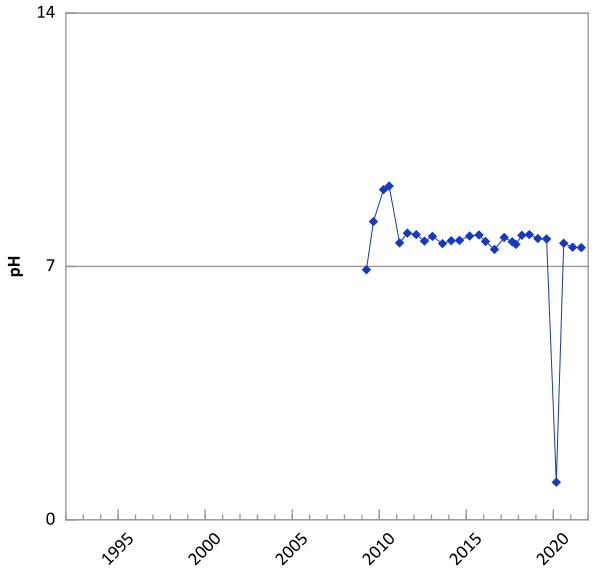
Well Location

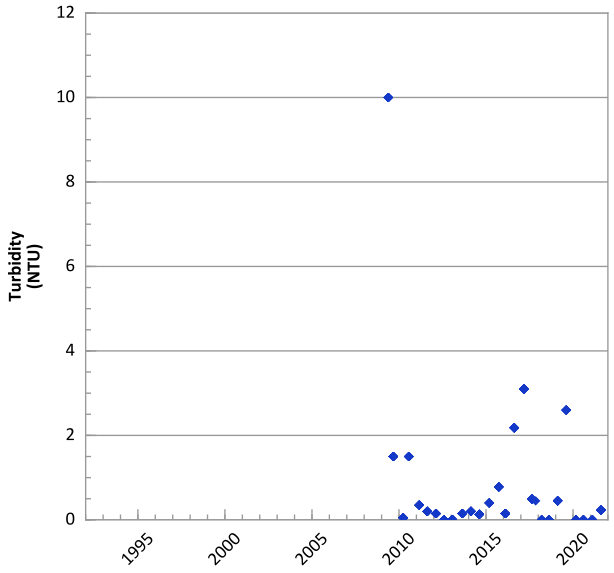


PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



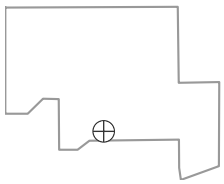






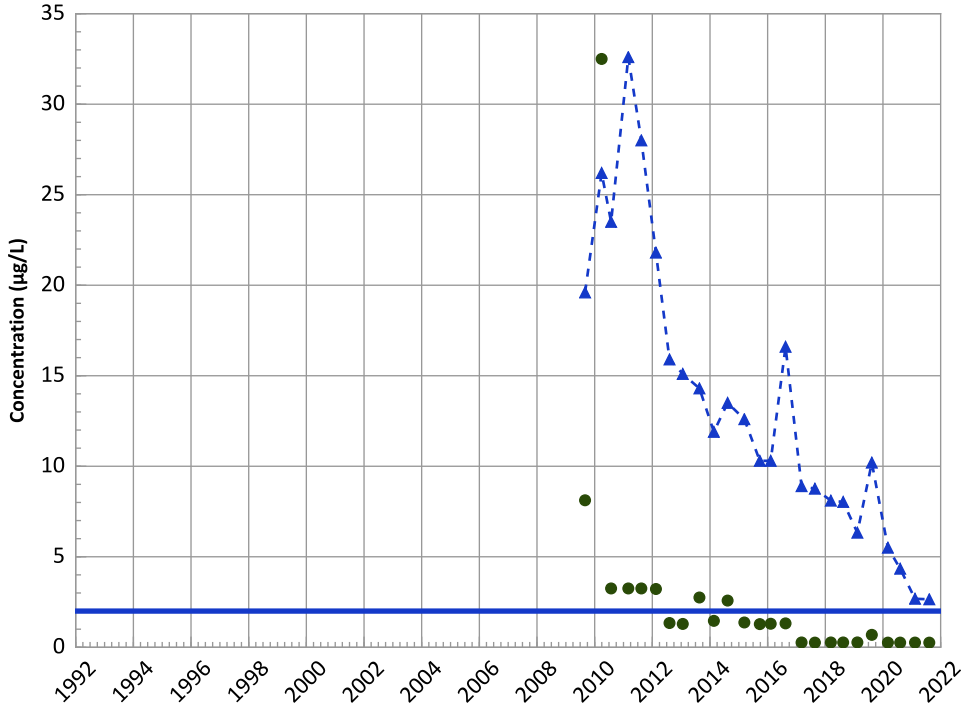
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

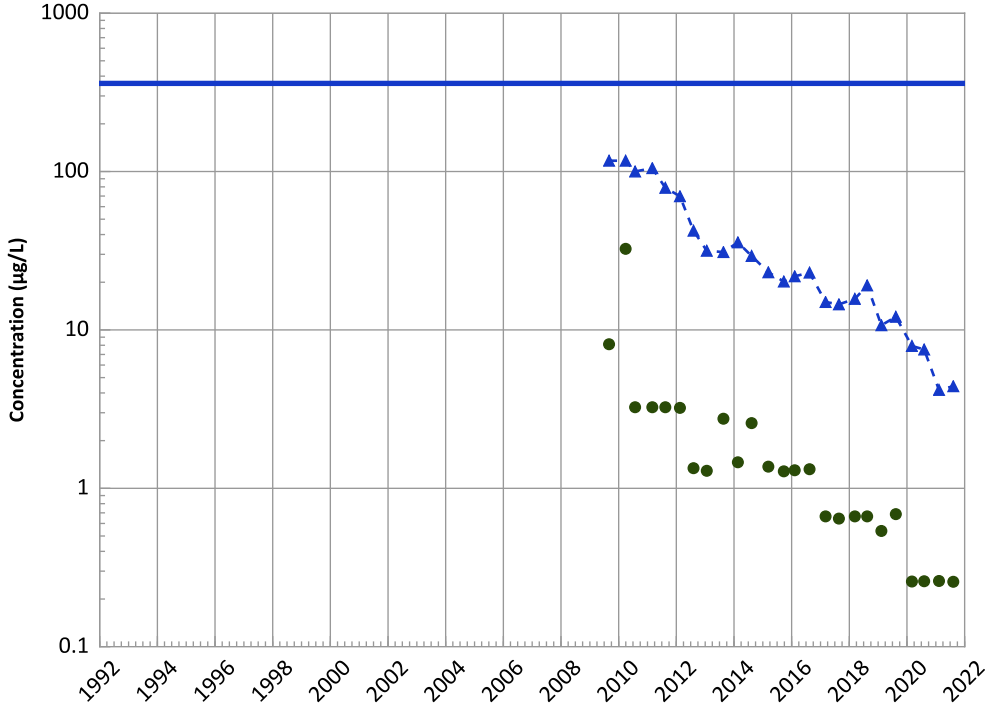


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

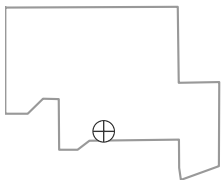
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

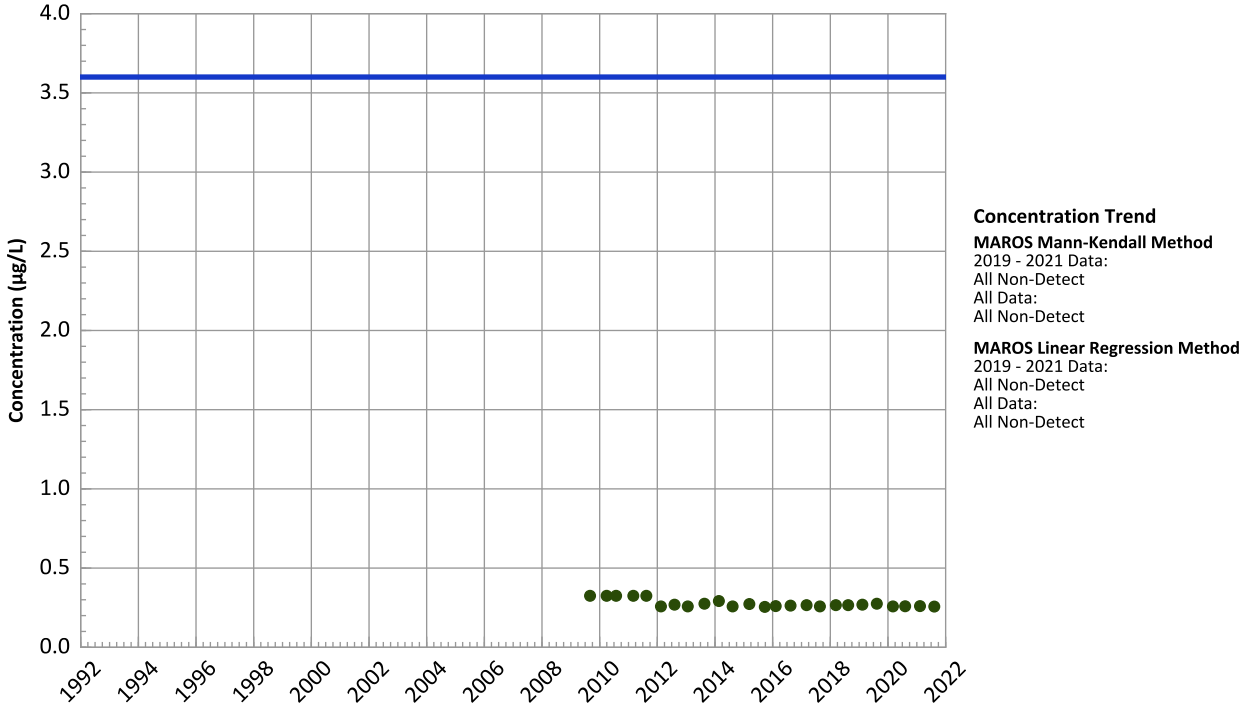
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

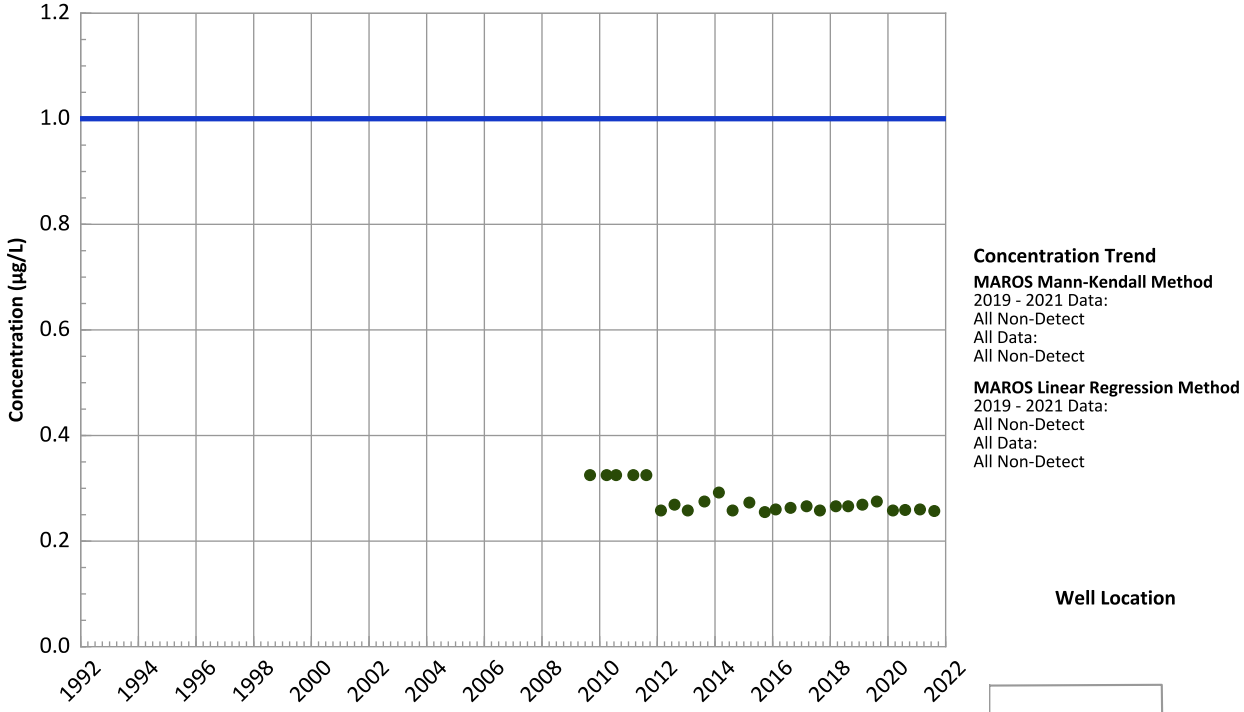


PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



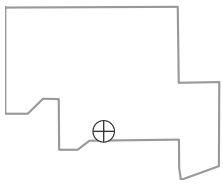
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

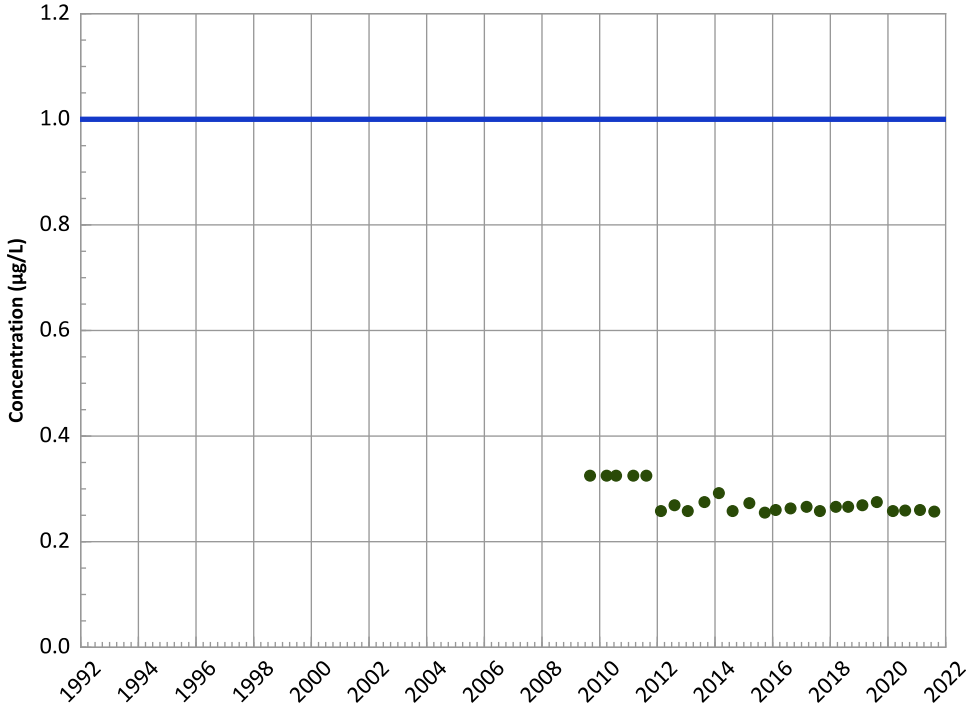
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

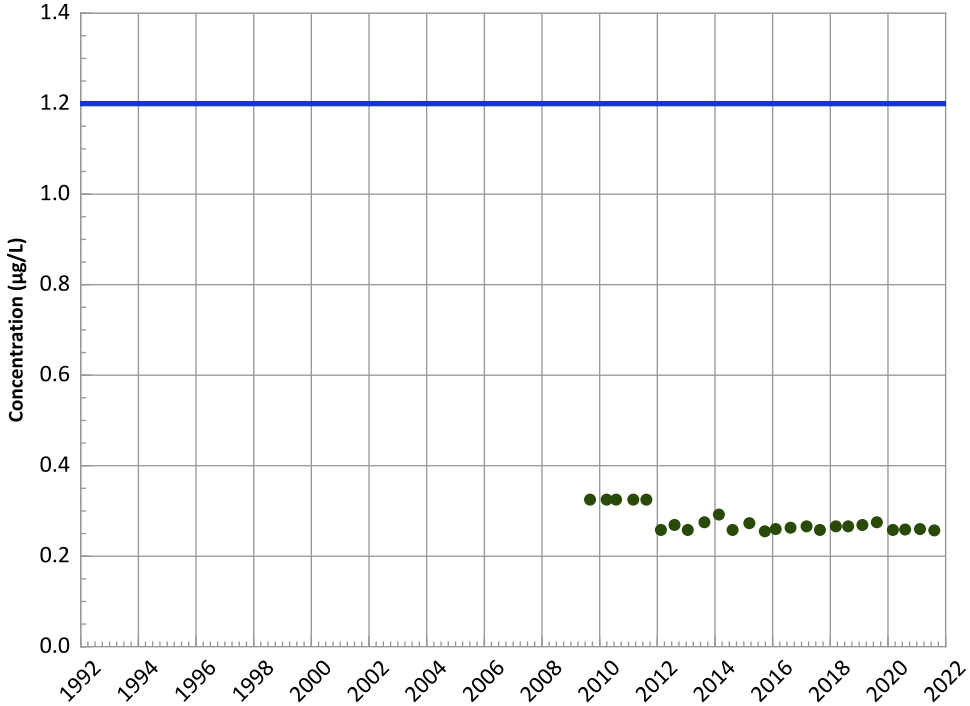


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

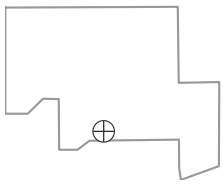
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

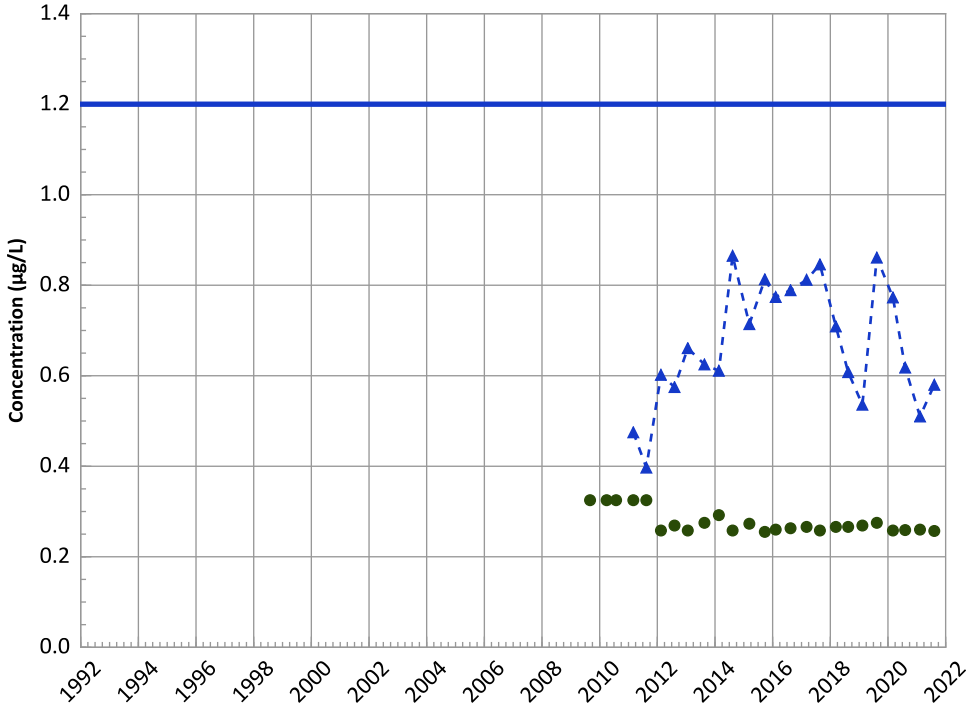
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

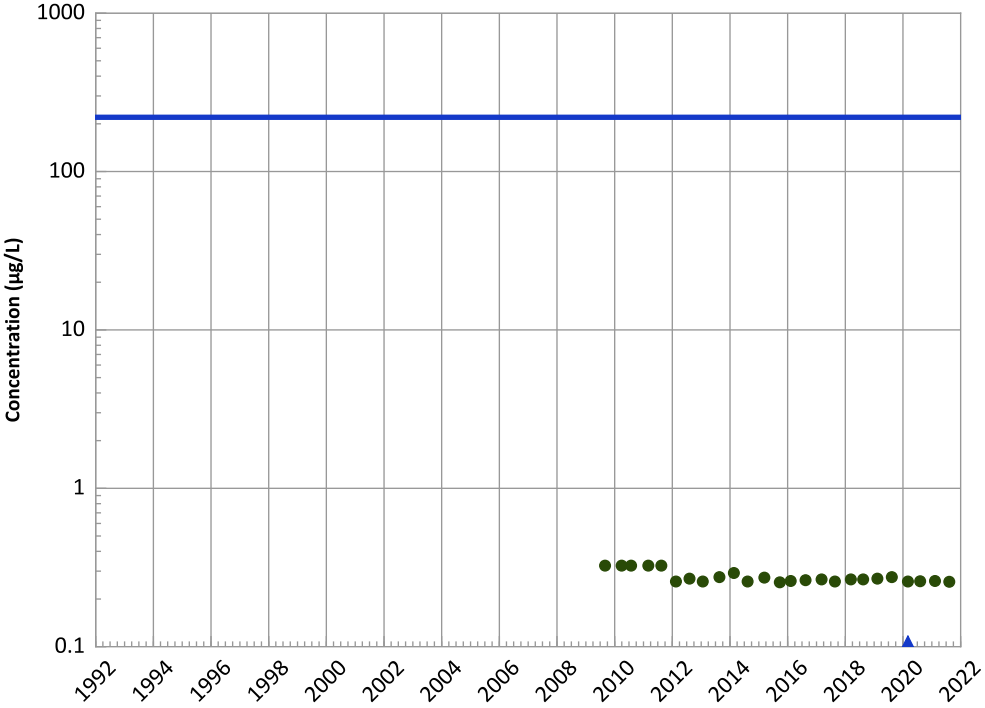


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

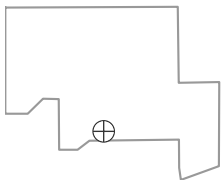
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

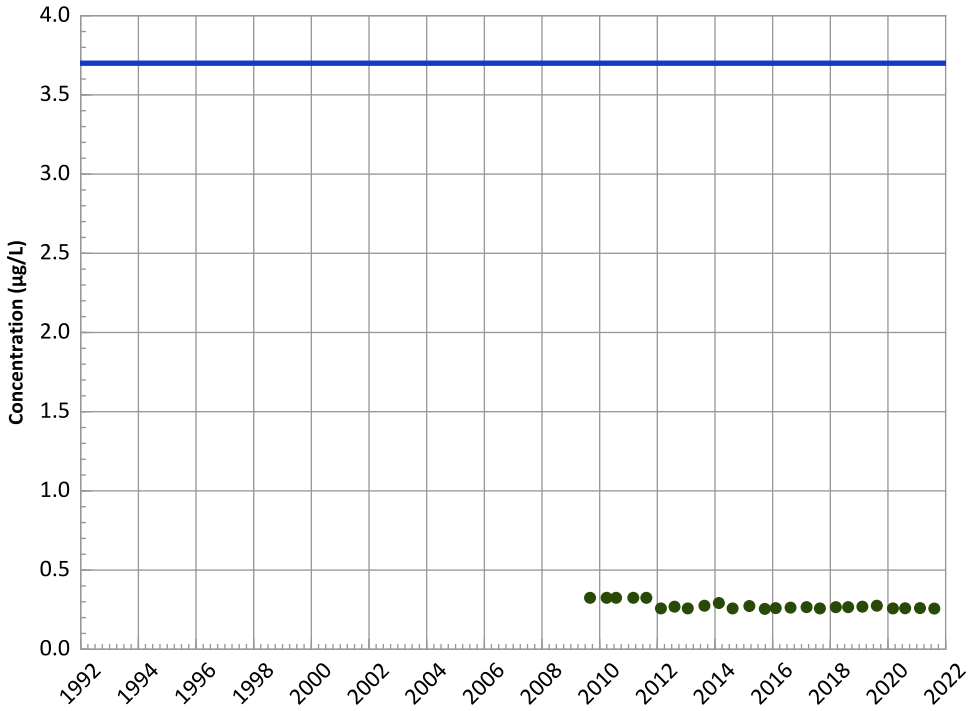
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

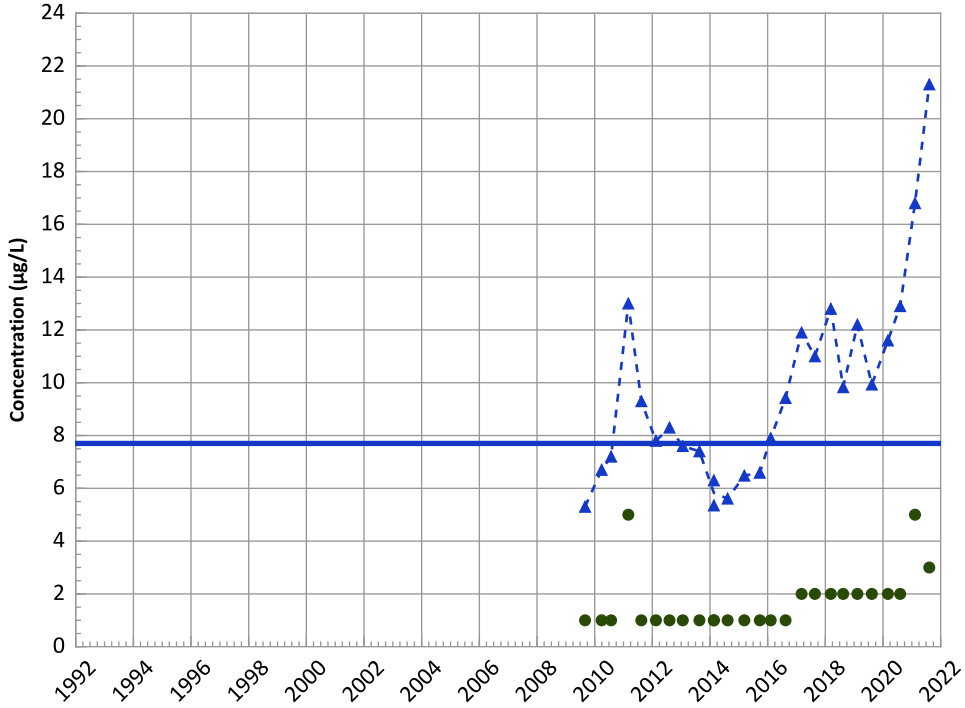


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

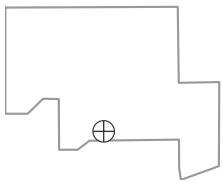
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

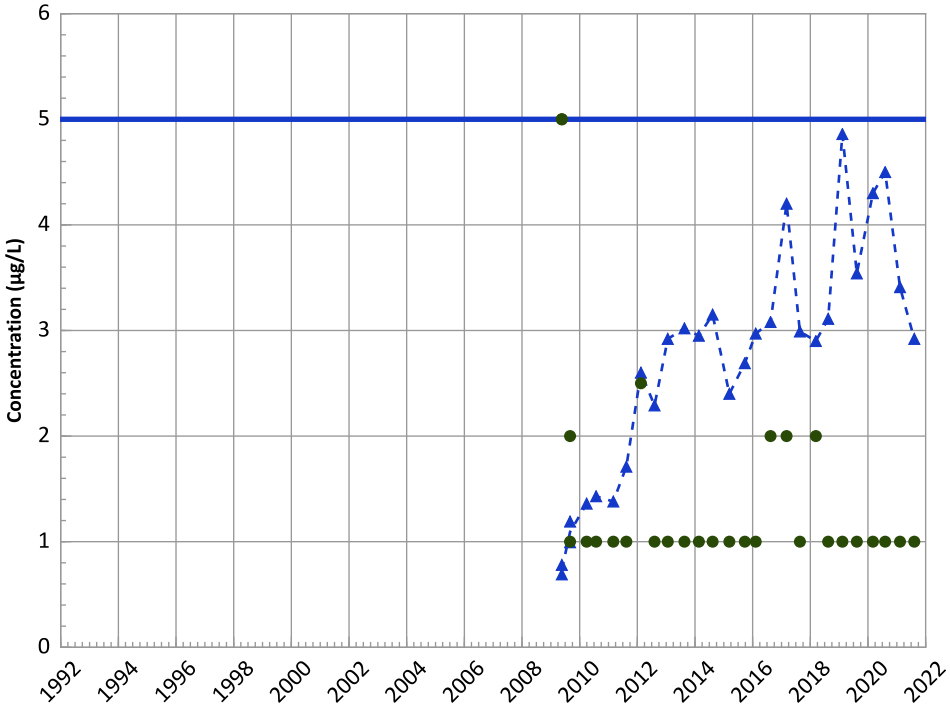
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

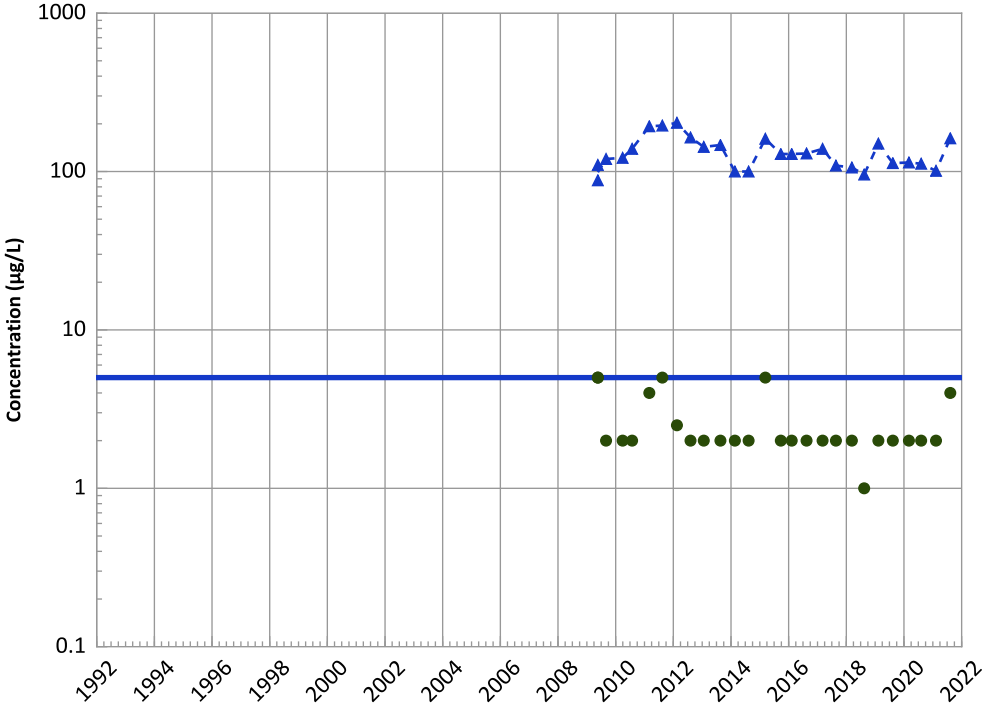


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

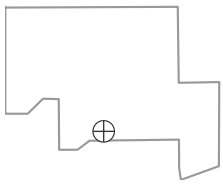
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

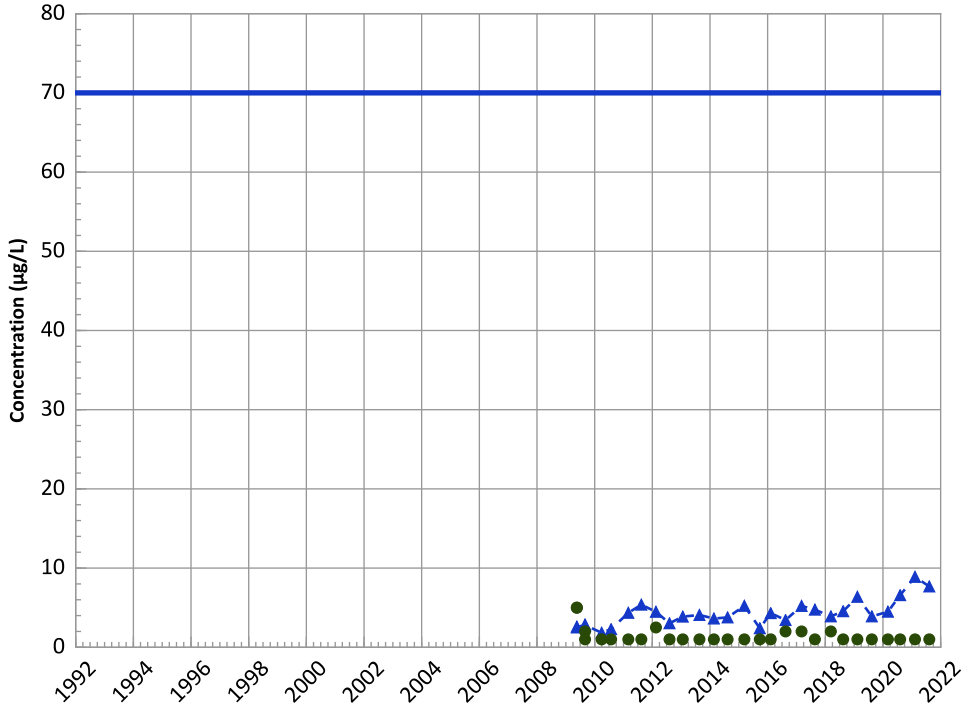
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

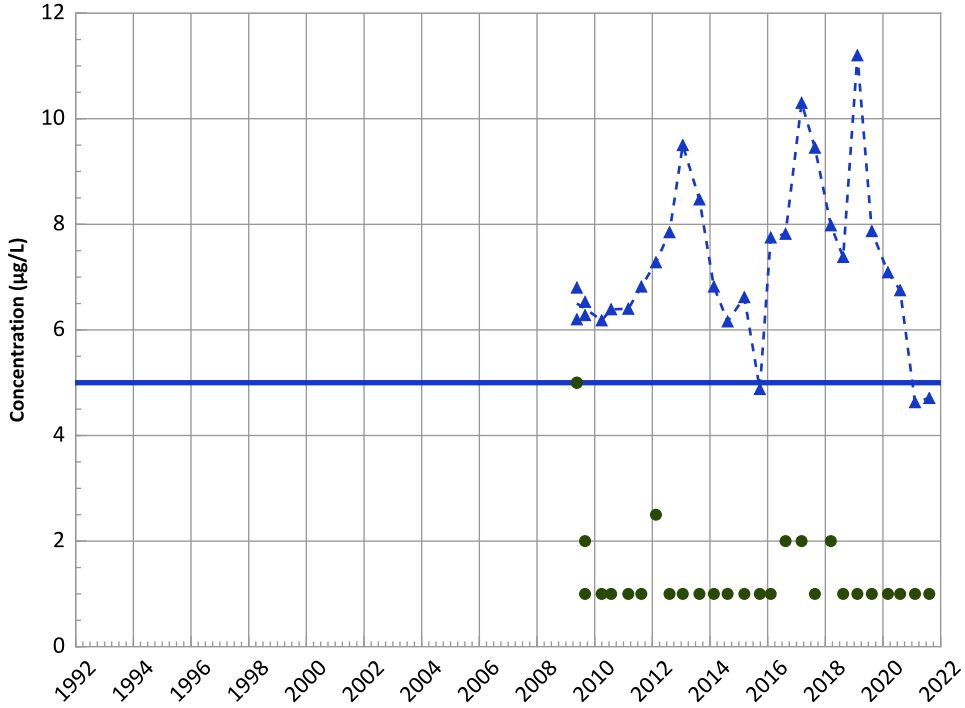


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

1,2-Dichloroethane Trend



Concentration Trend

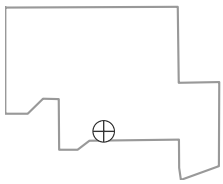
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

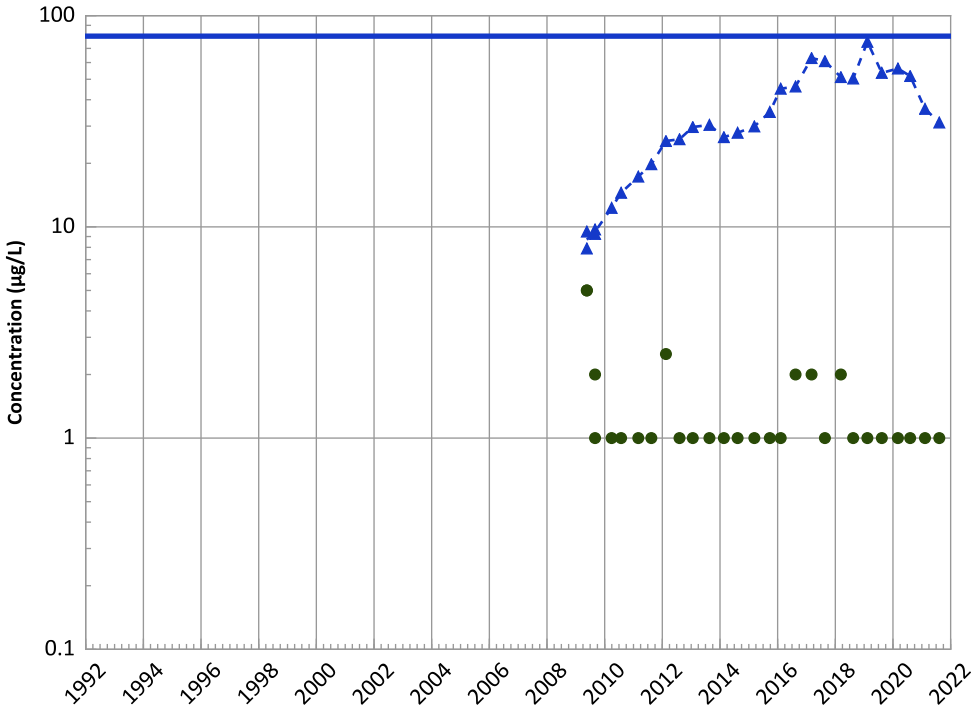
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

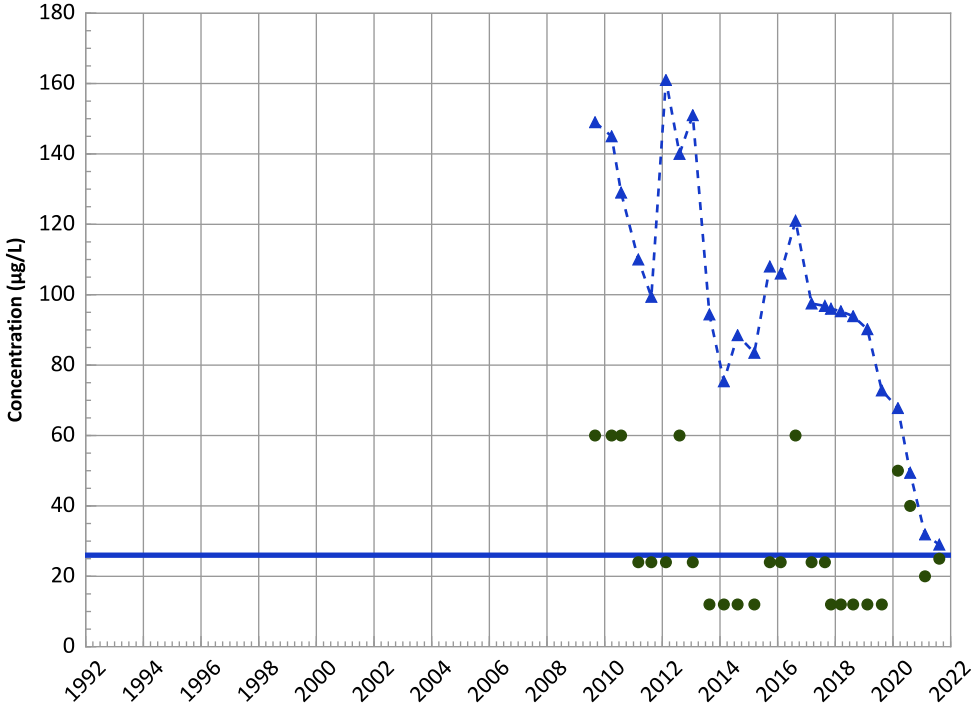


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Perchlorate Trend



Concentration Trend

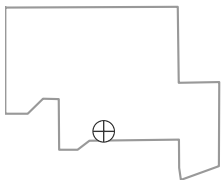
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

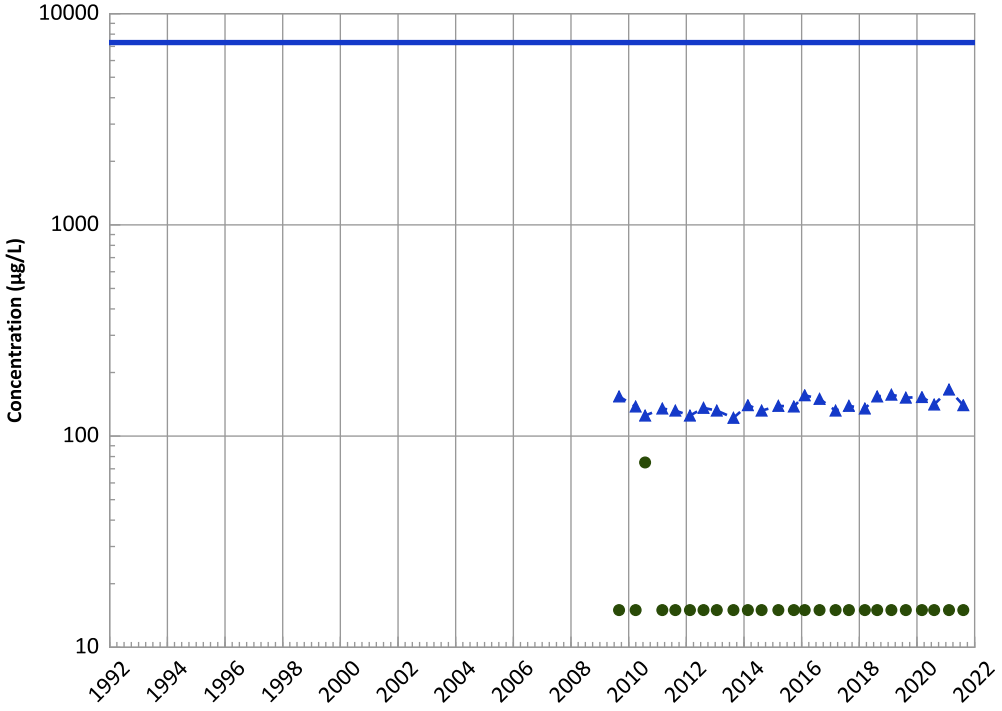
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1151 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

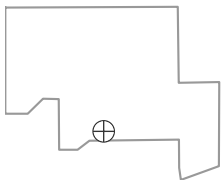
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

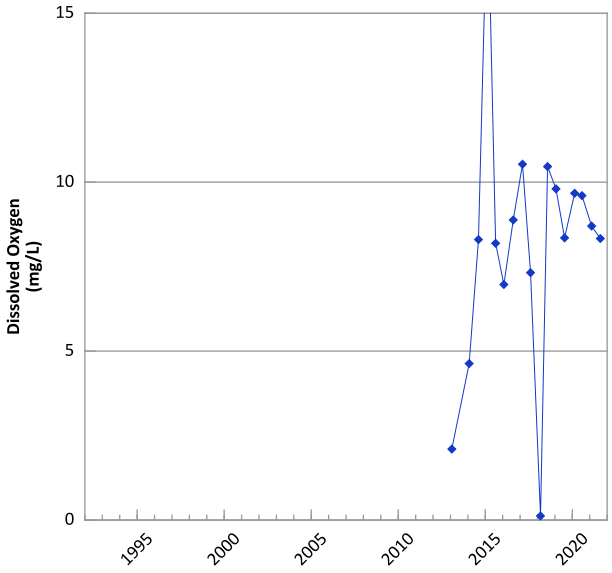
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/20/2009 to 08/10/2021
Analysis Date: 04/05/2022

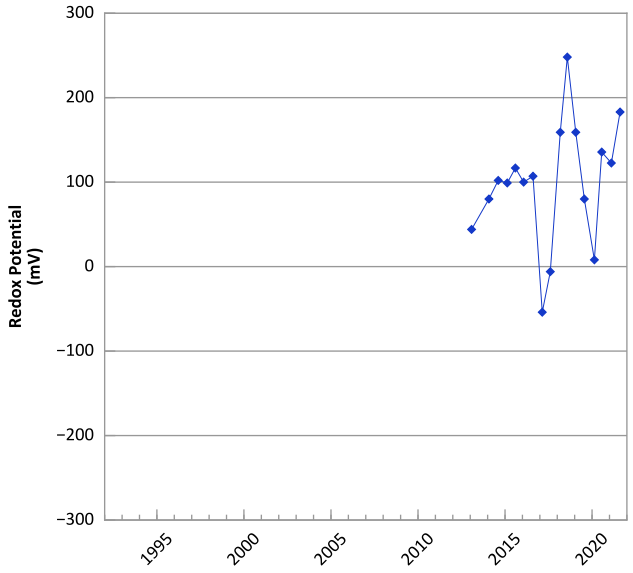
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

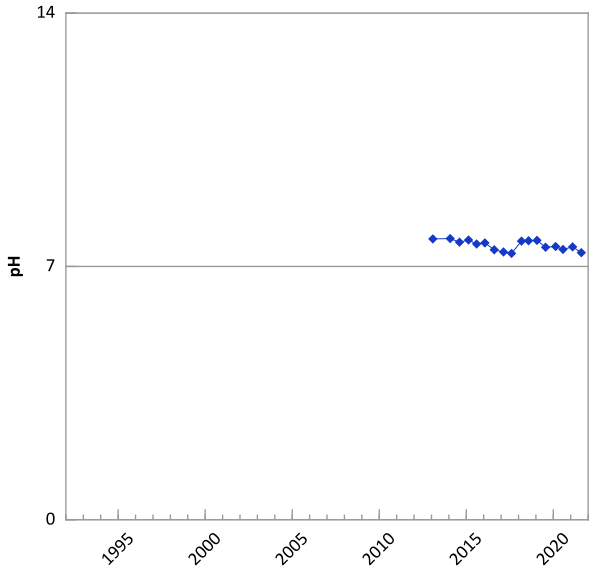
Well Location

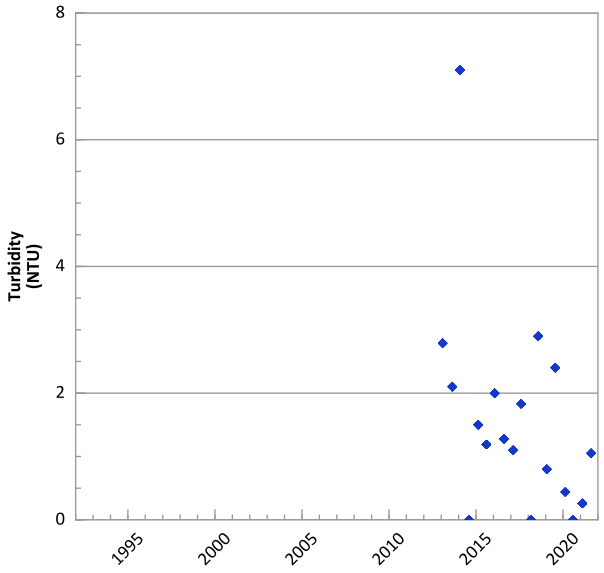


PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



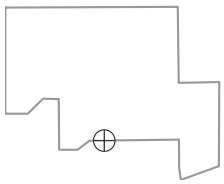






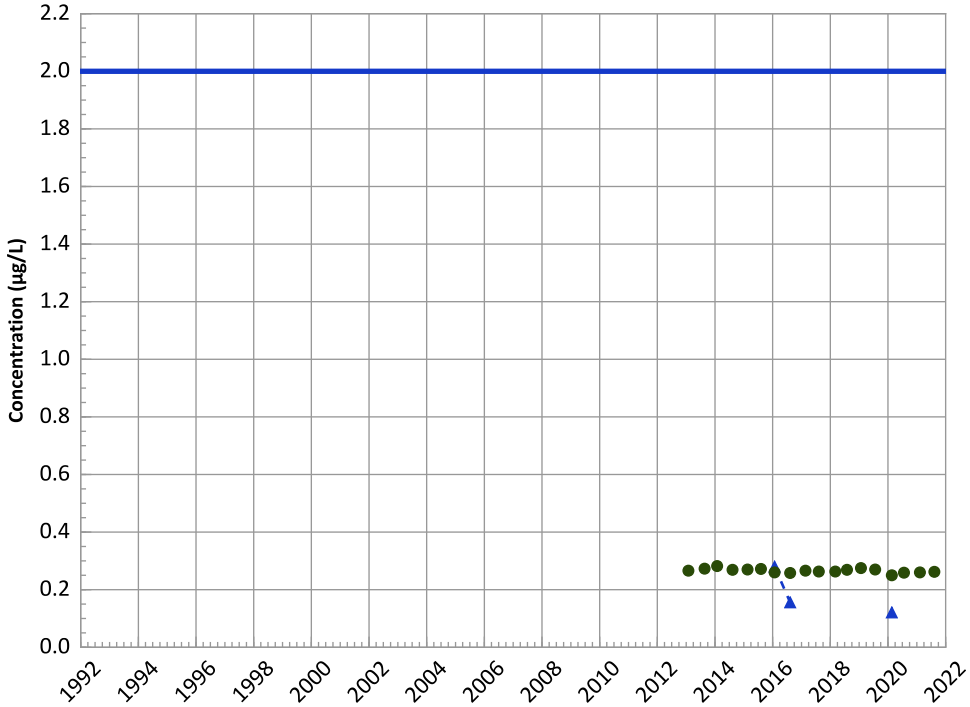
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

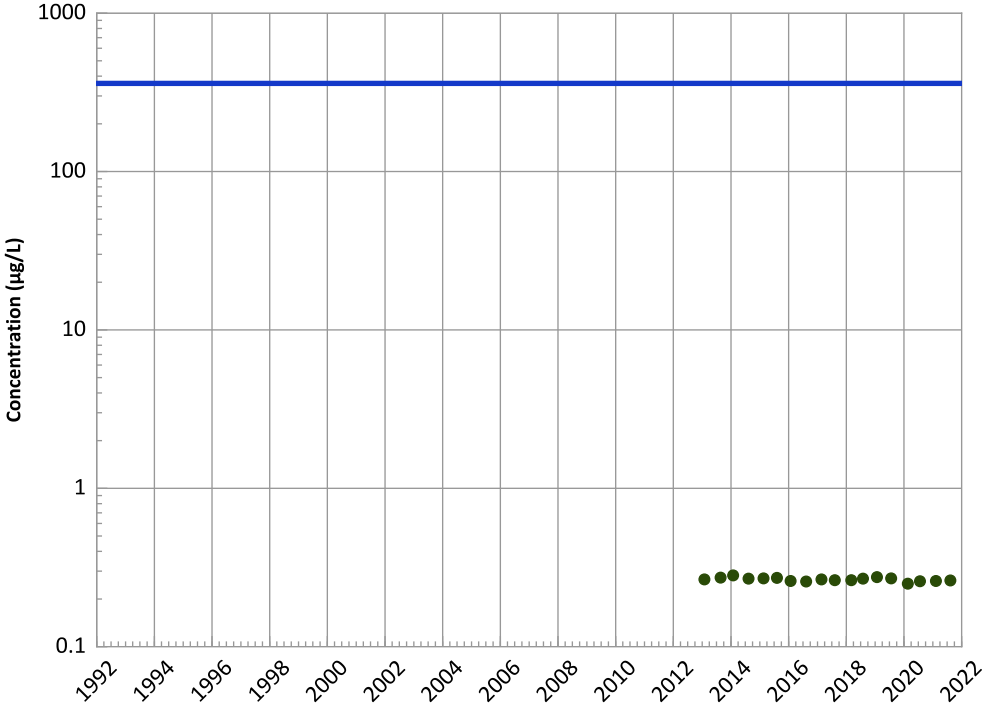


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

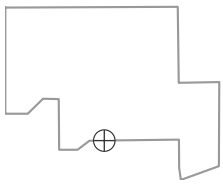
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

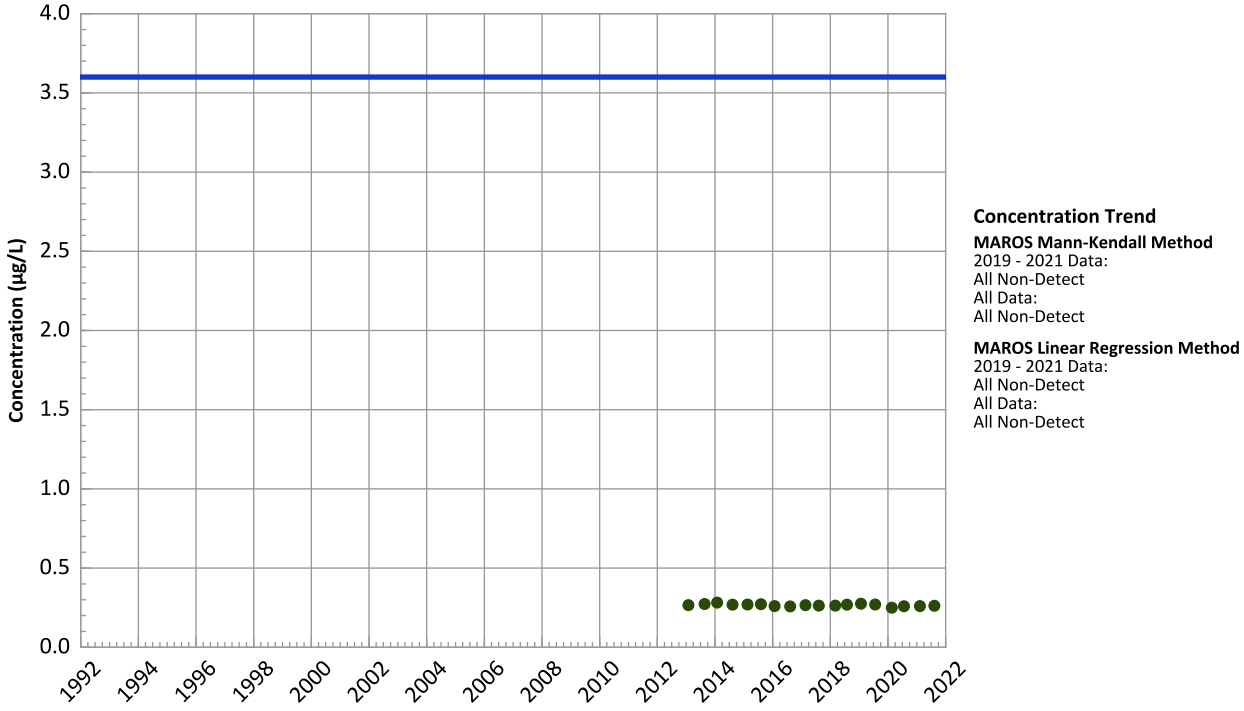
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

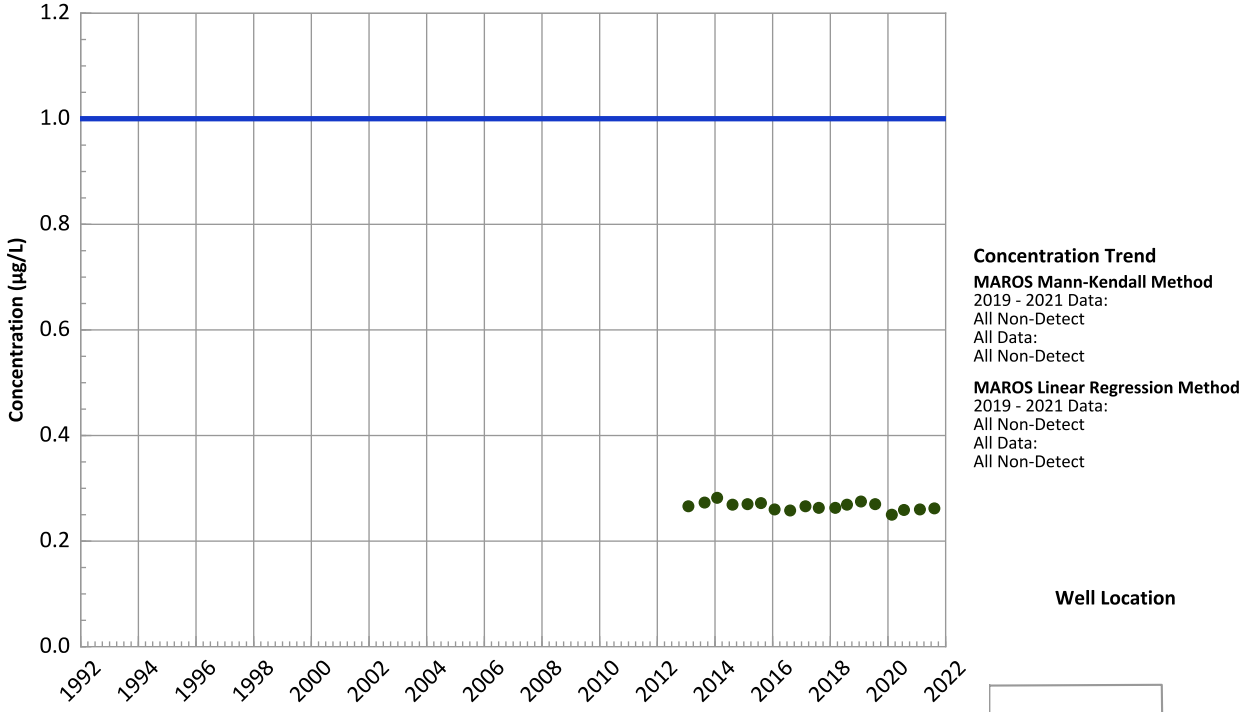


PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



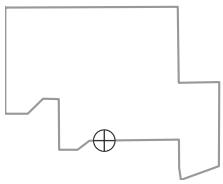
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

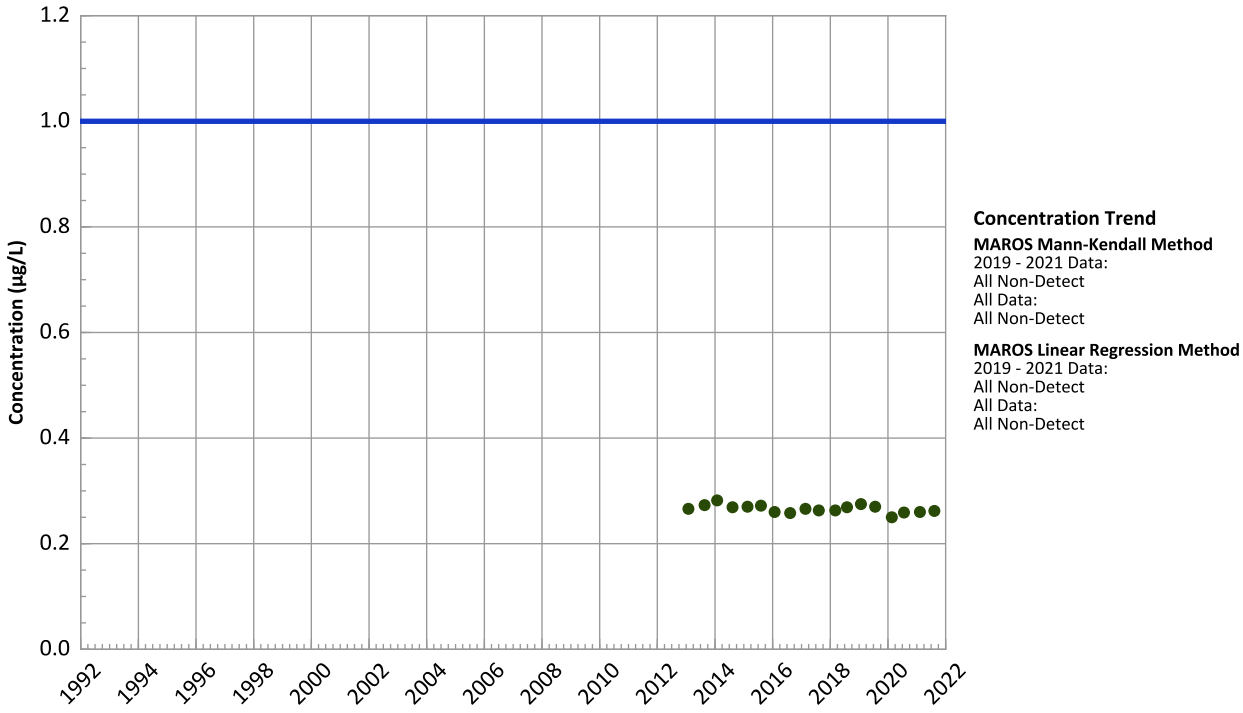
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

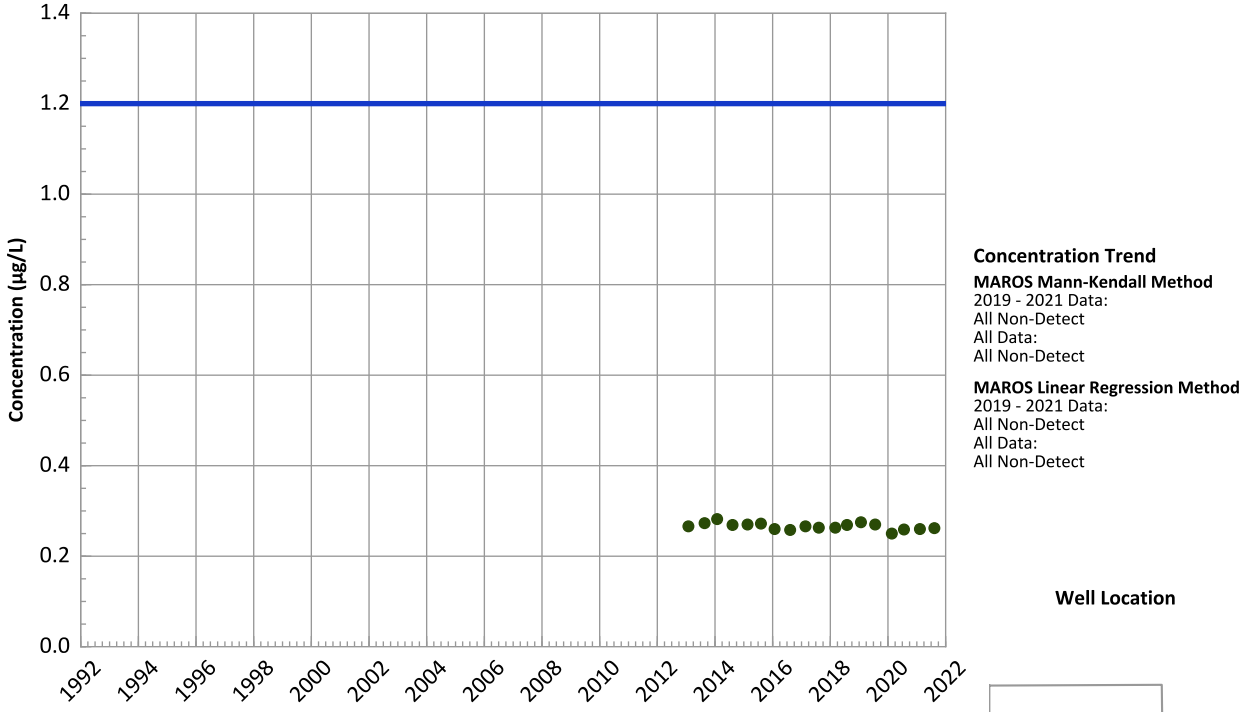


PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



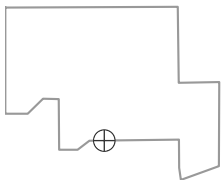
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

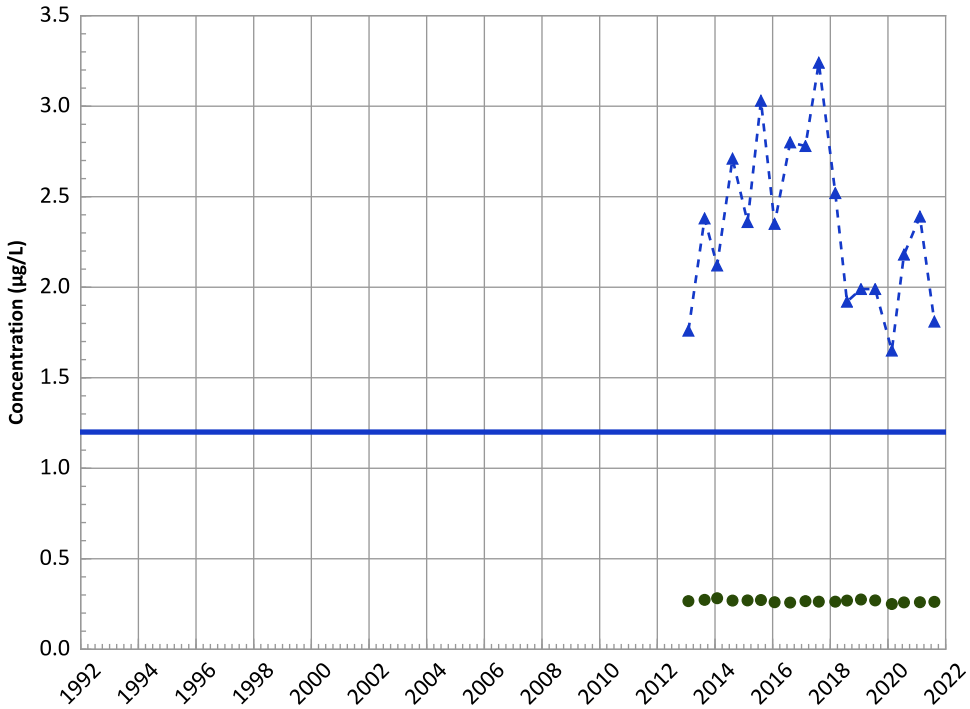
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

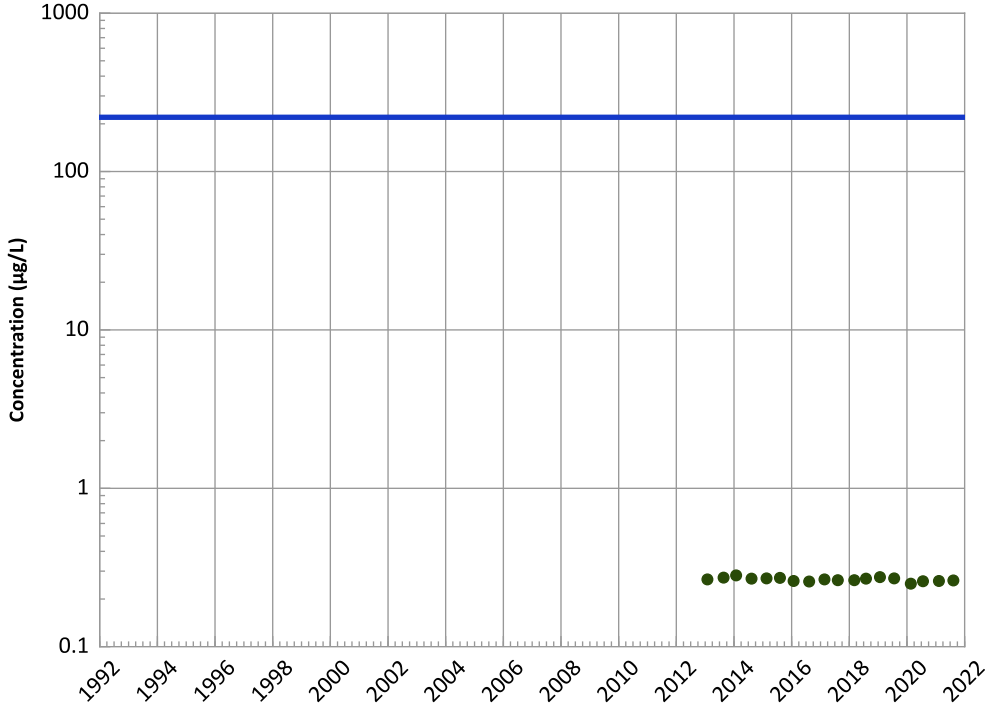


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

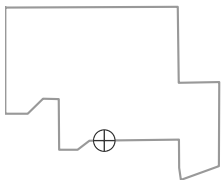
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

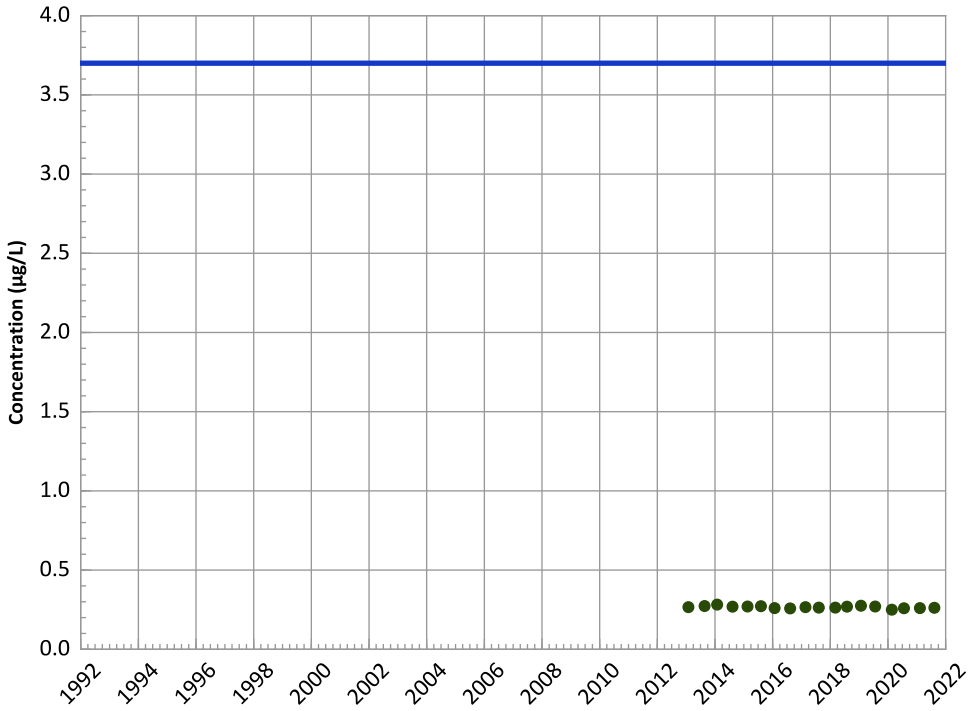
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

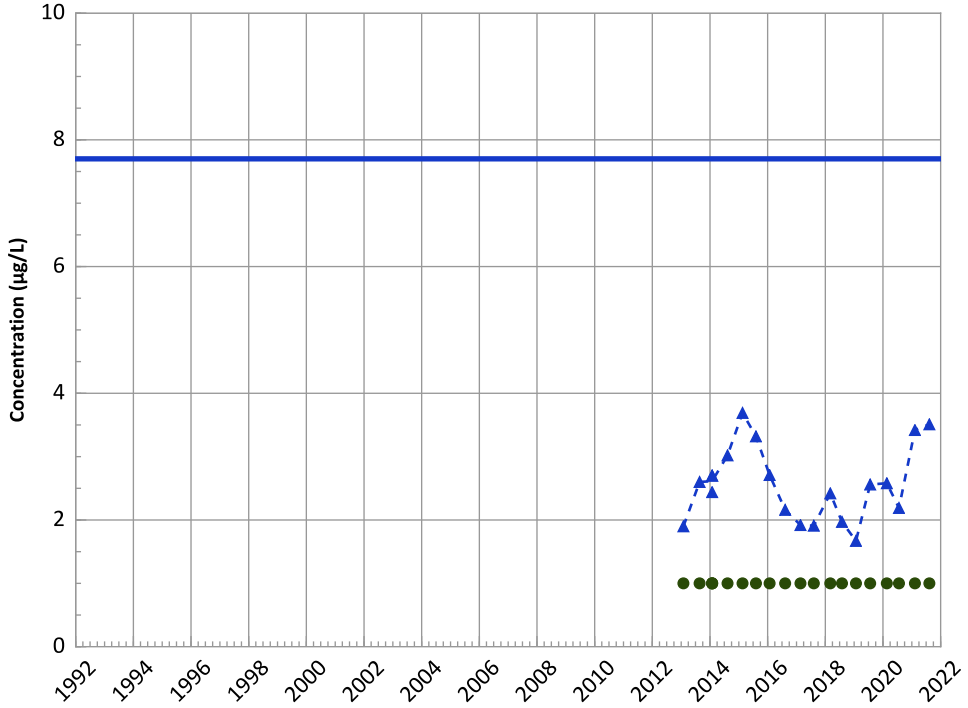


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

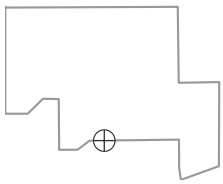
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

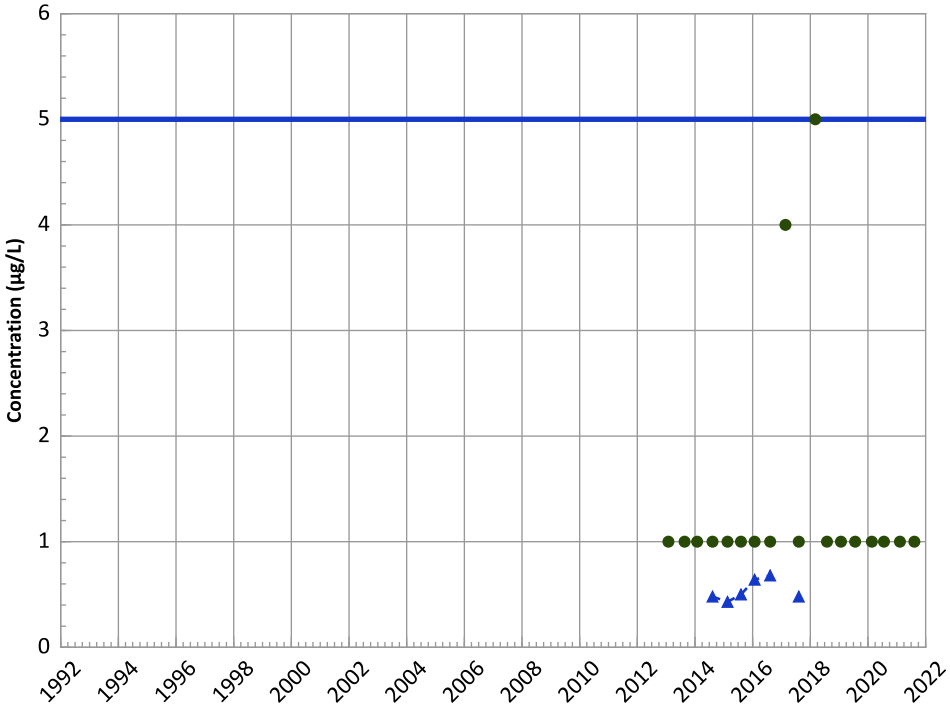
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

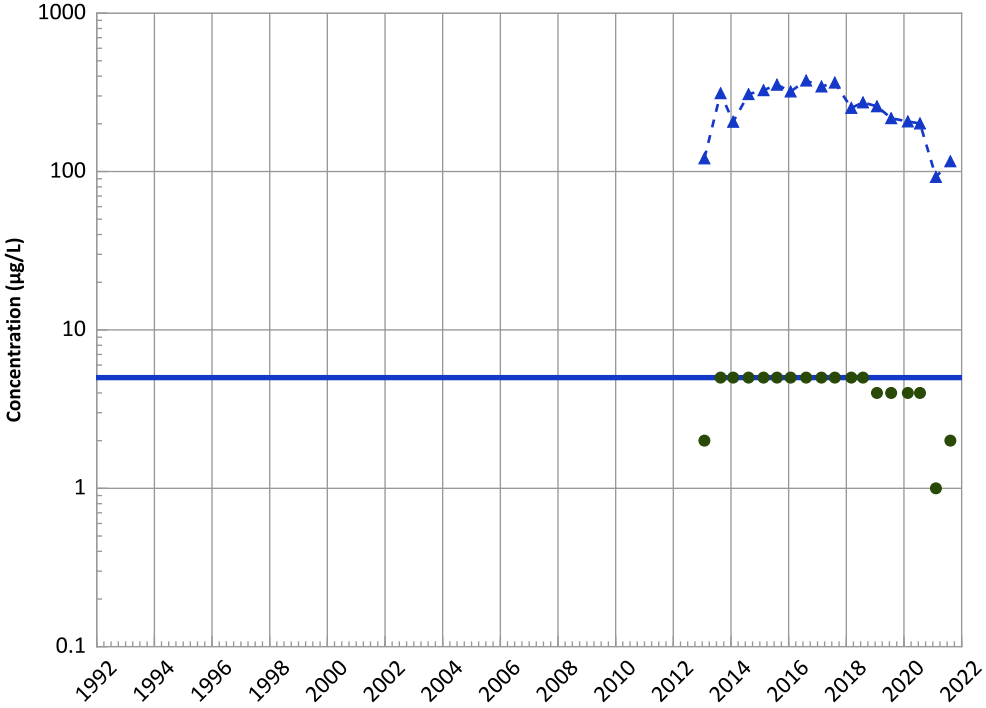


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

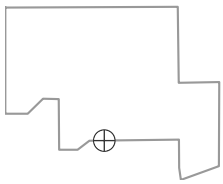
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

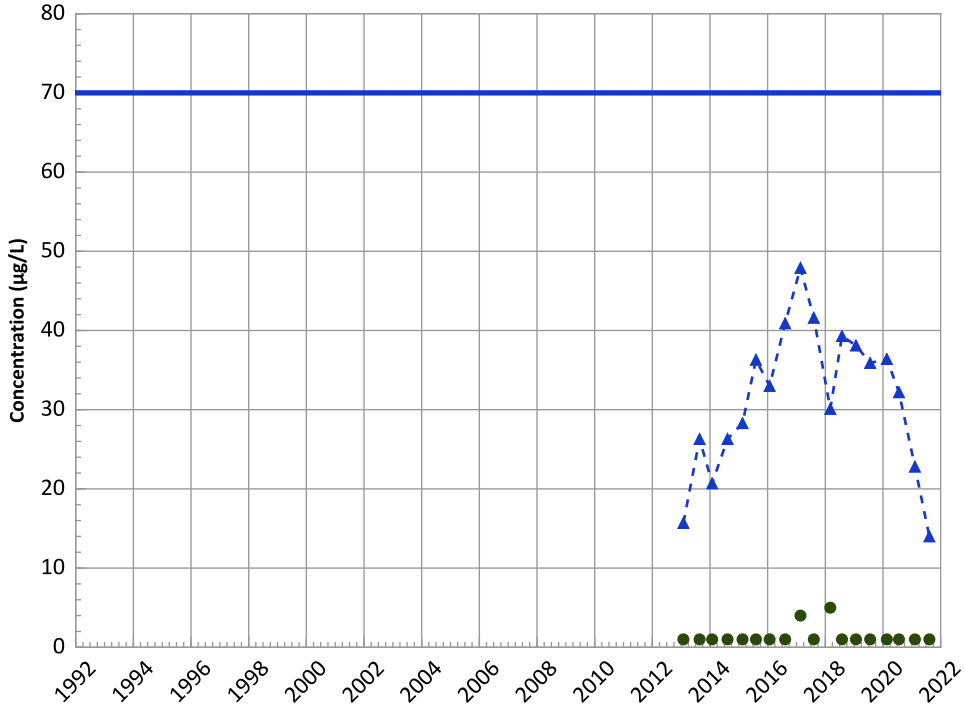
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

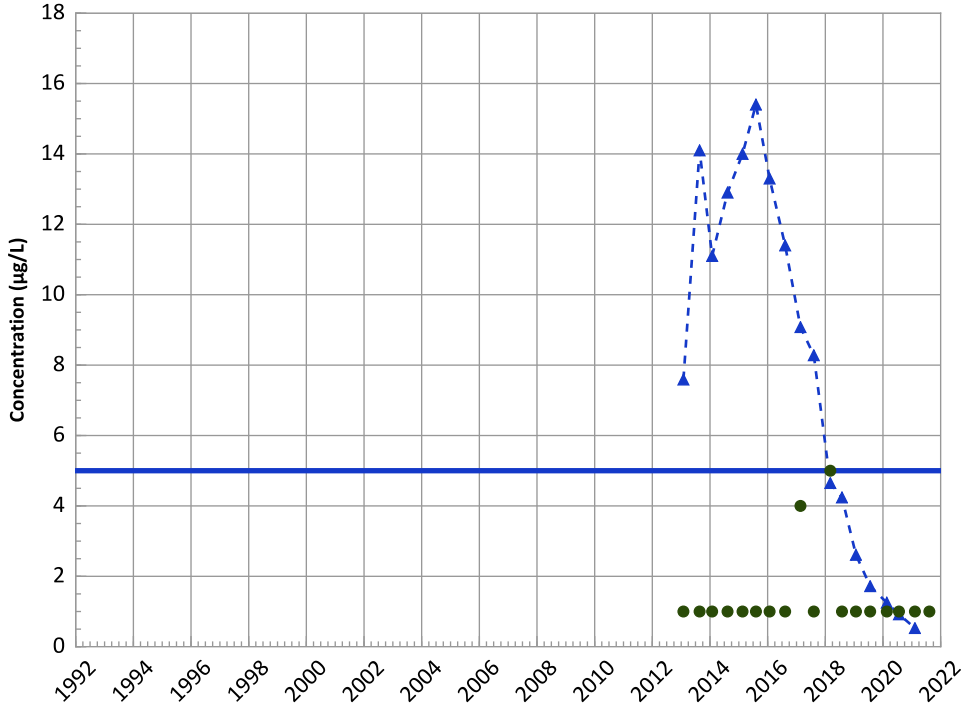


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

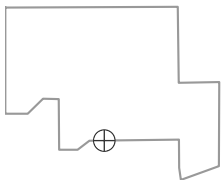
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

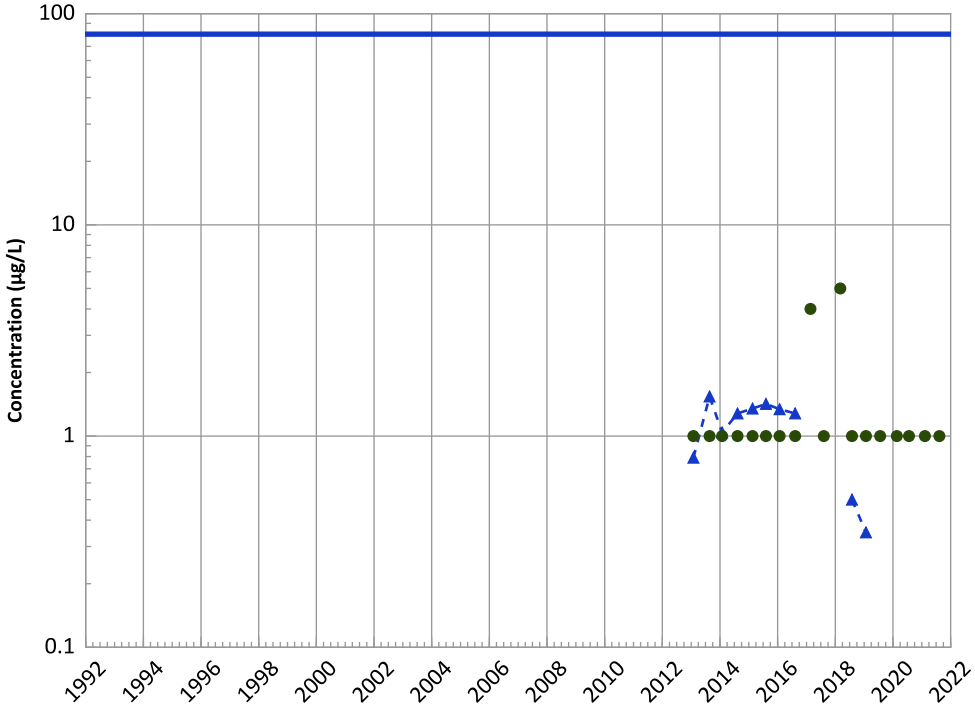
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

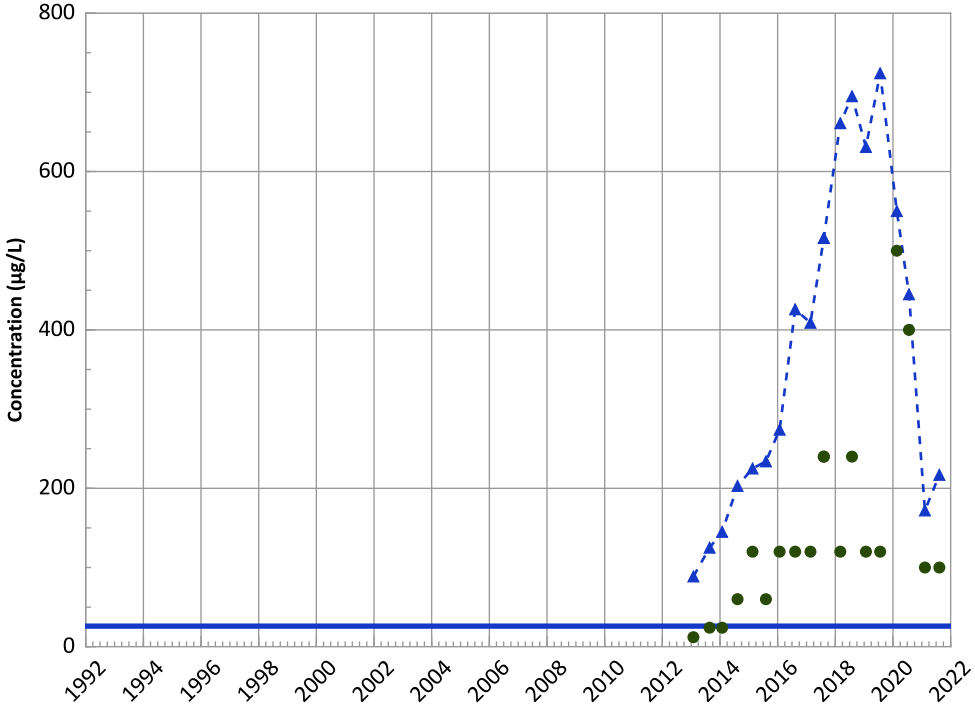


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

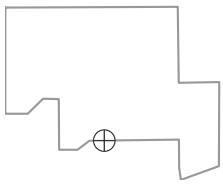
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

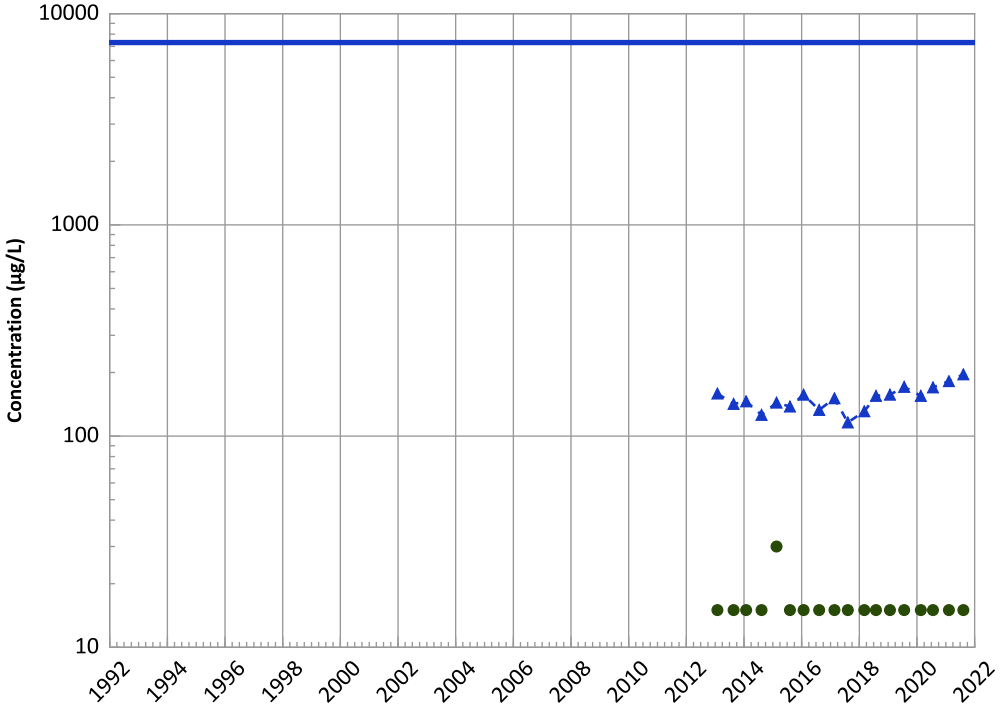
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1159 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

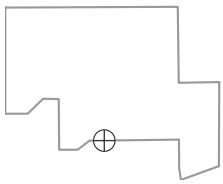
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

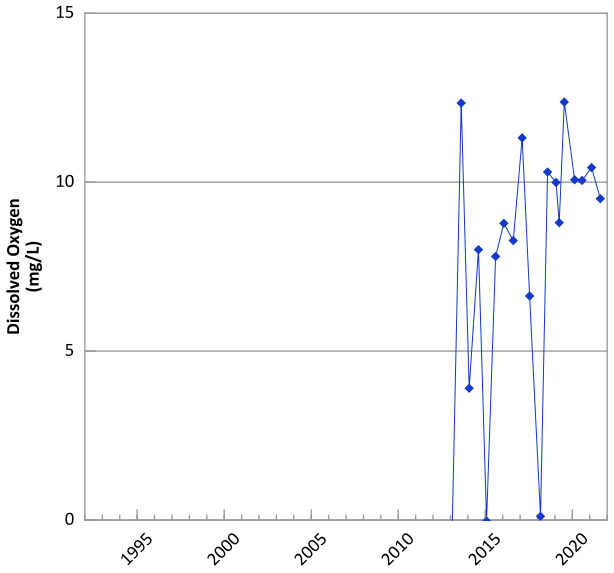
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

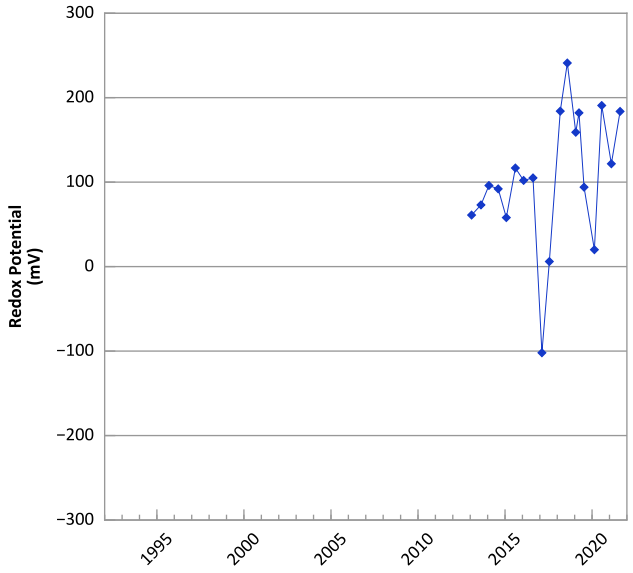
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

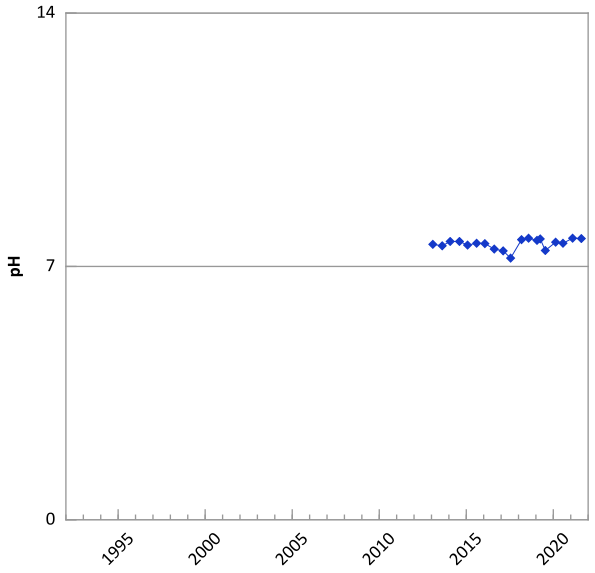
Well Location

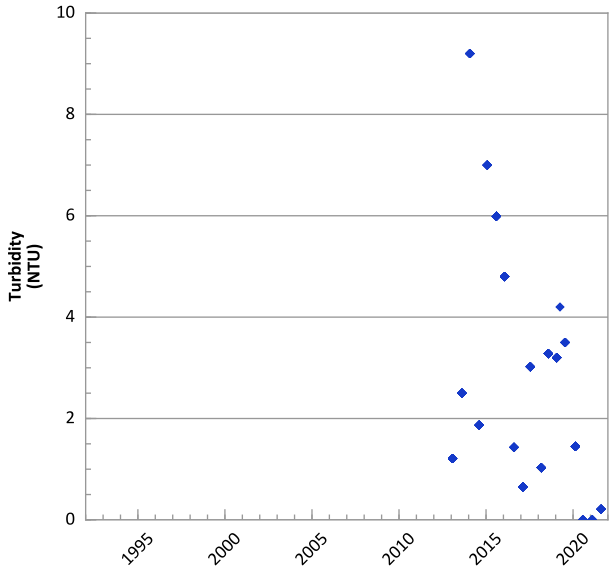


PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



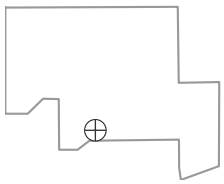






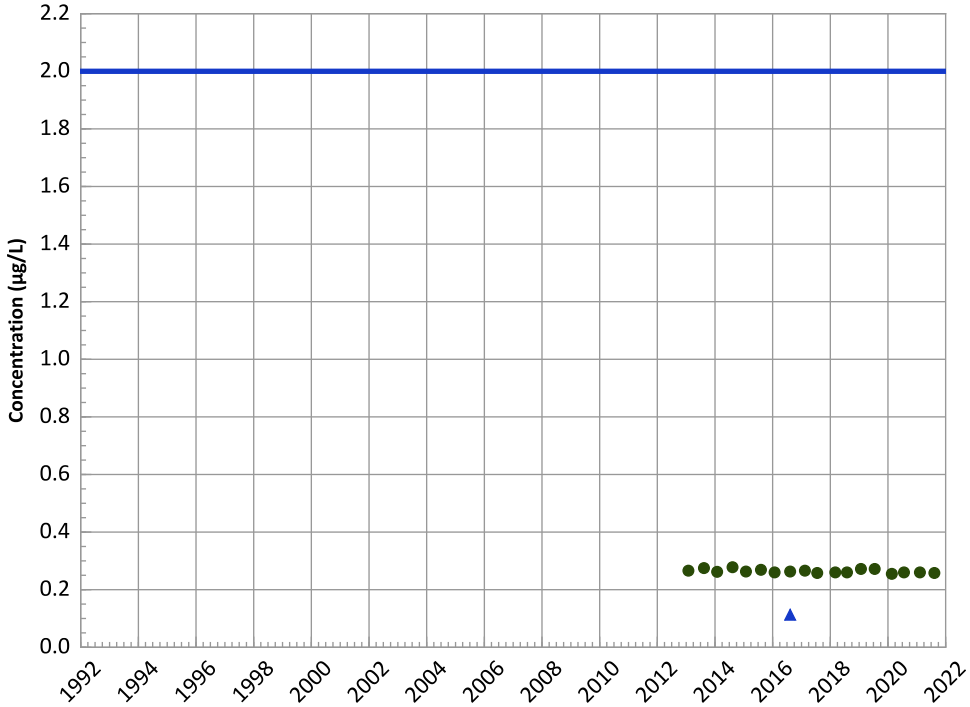
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

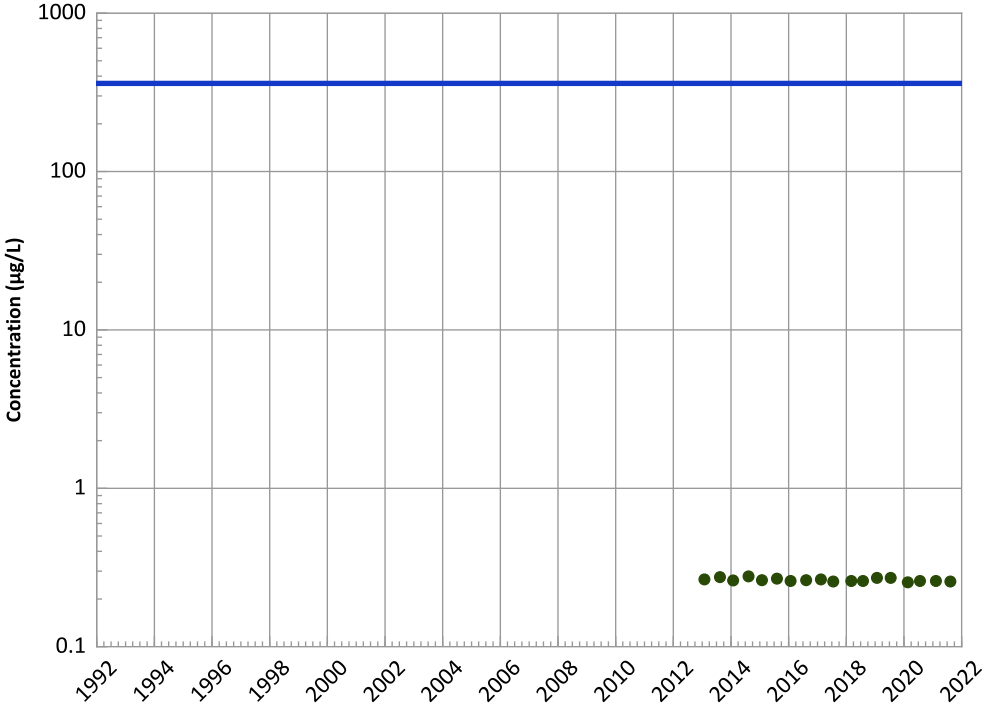


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

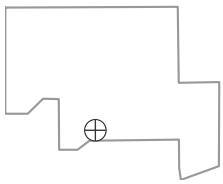
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

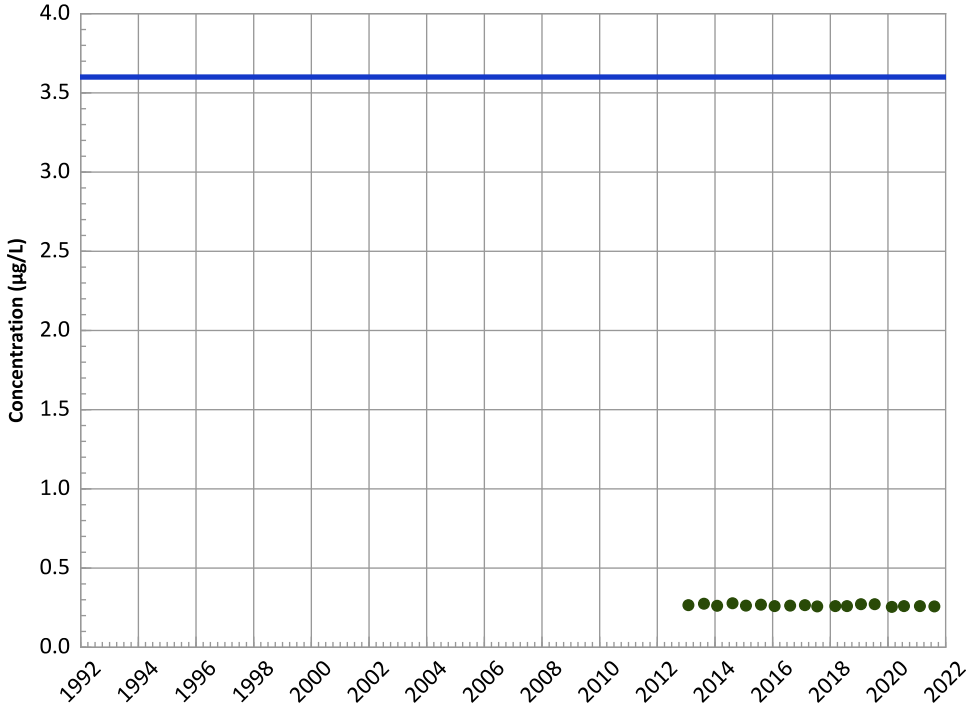
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

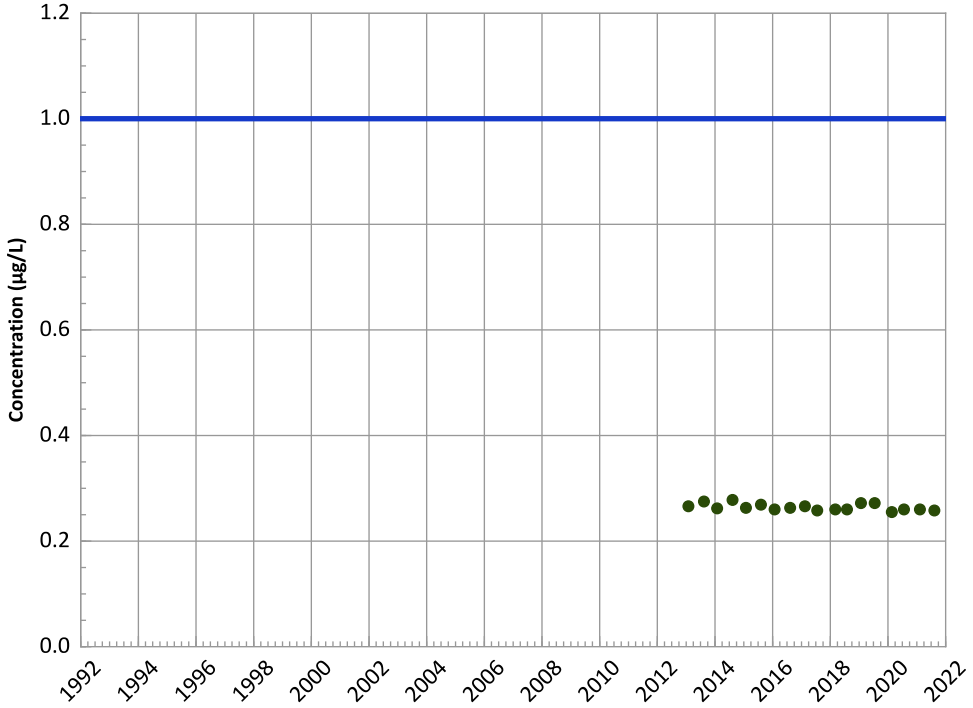


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

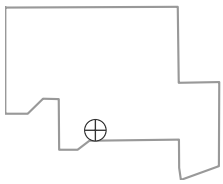
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

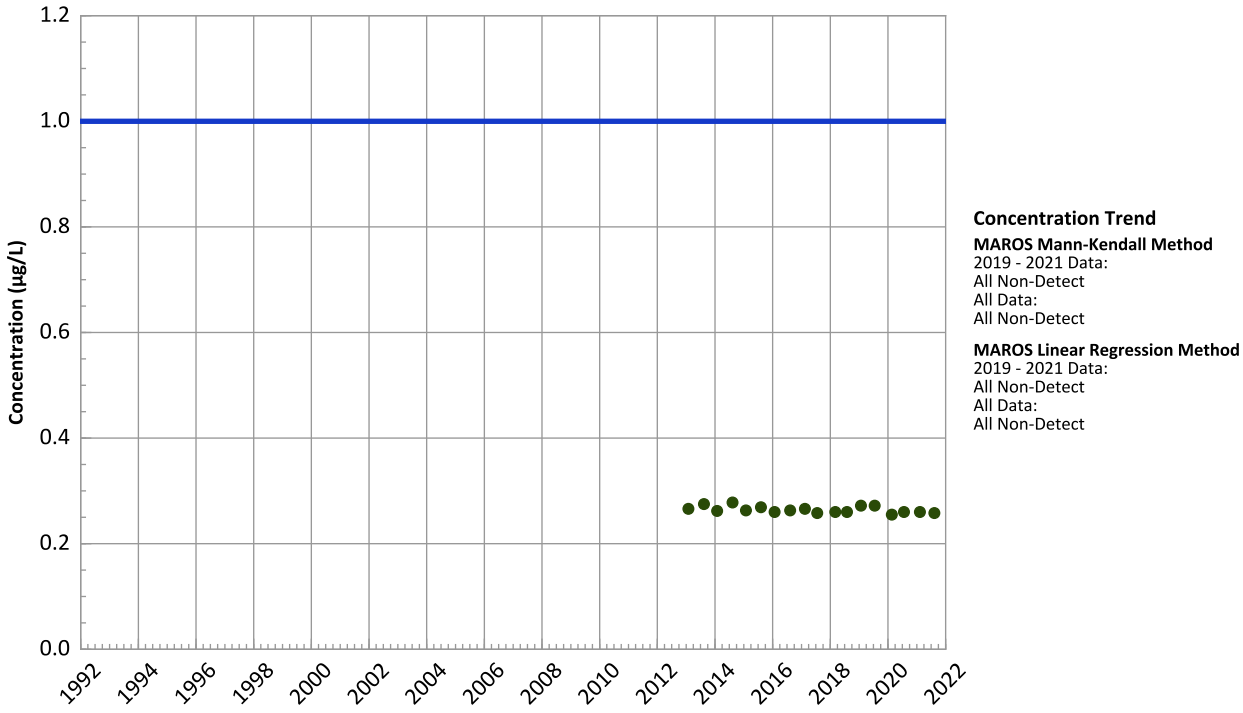
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

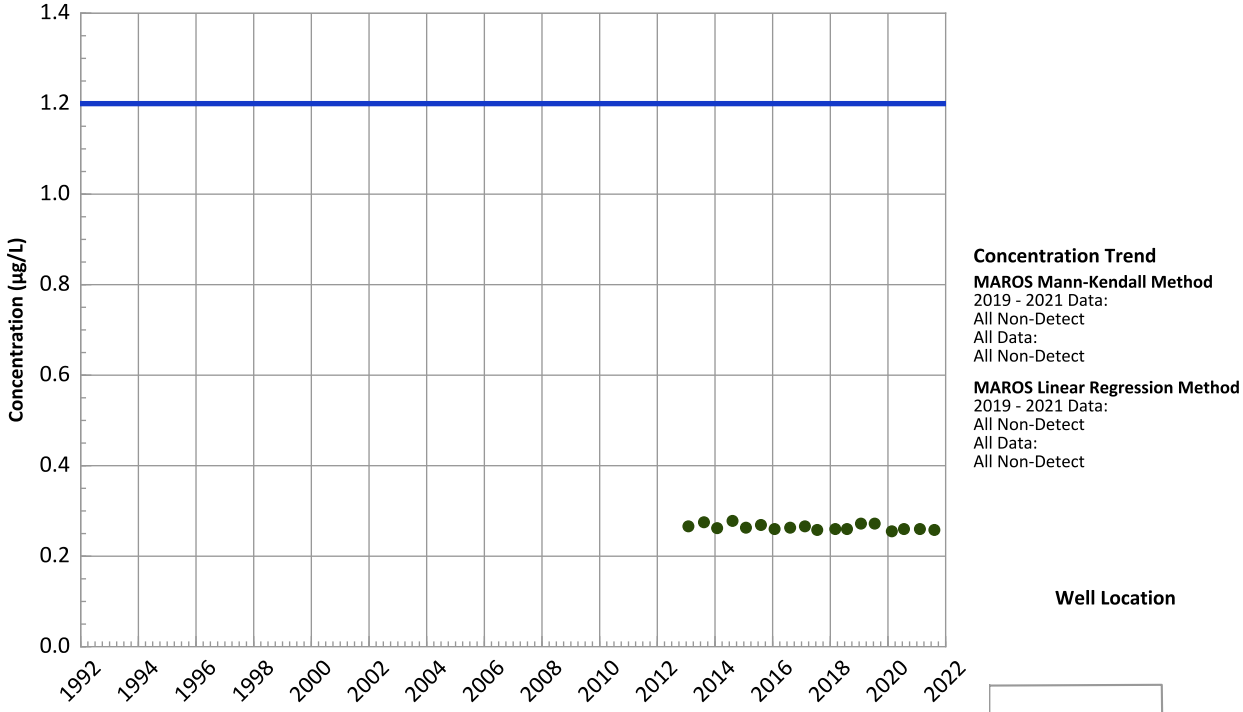


PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



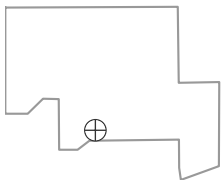
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

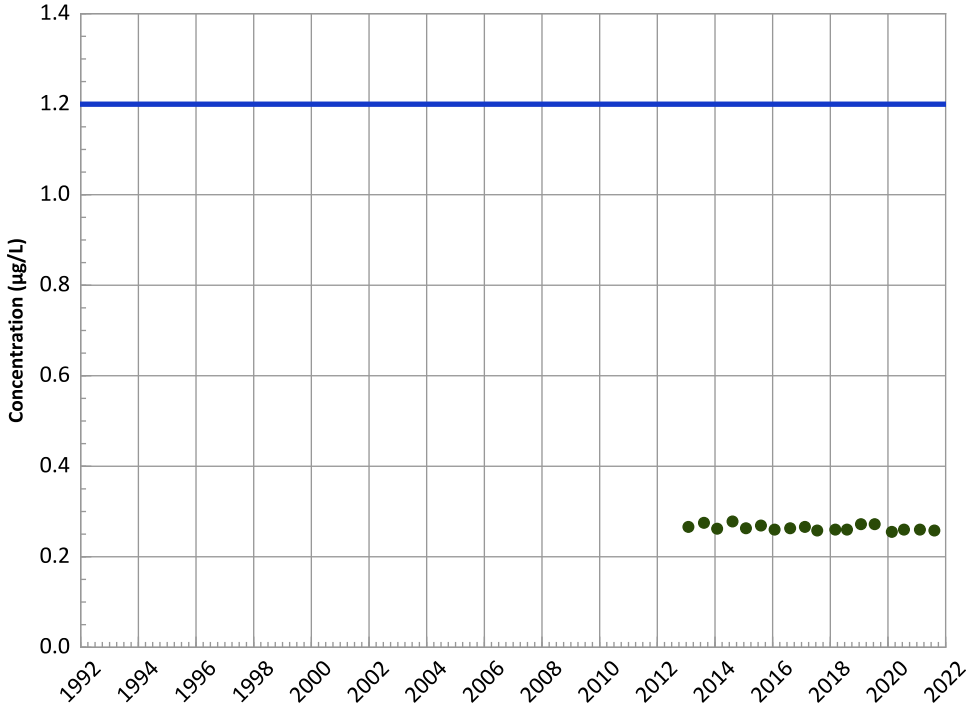
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

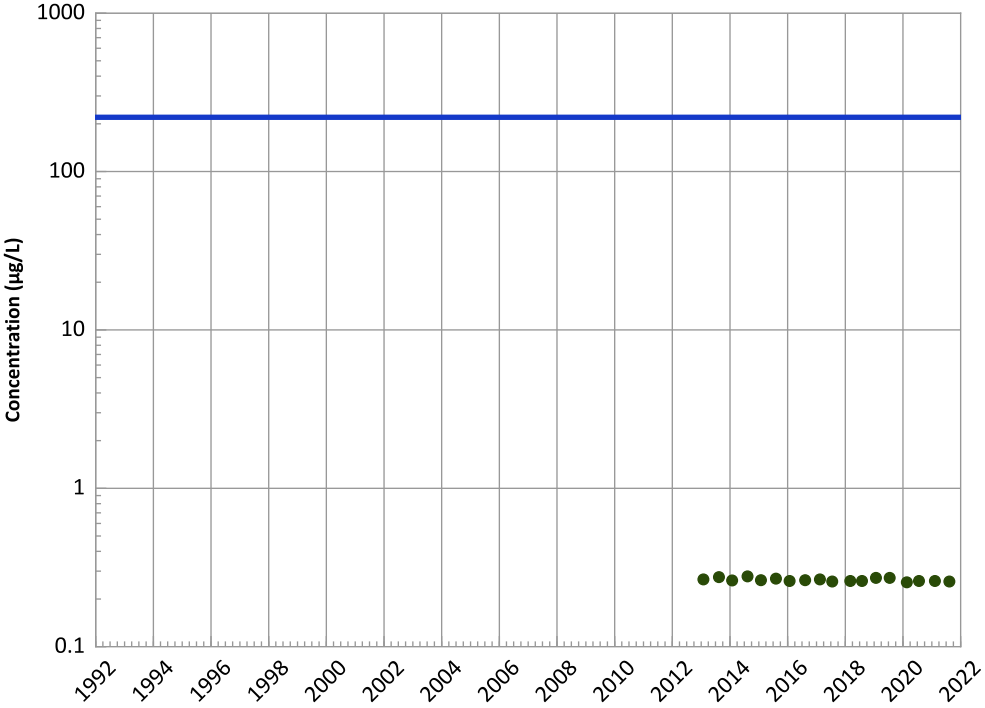


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

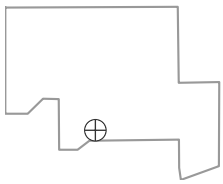
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

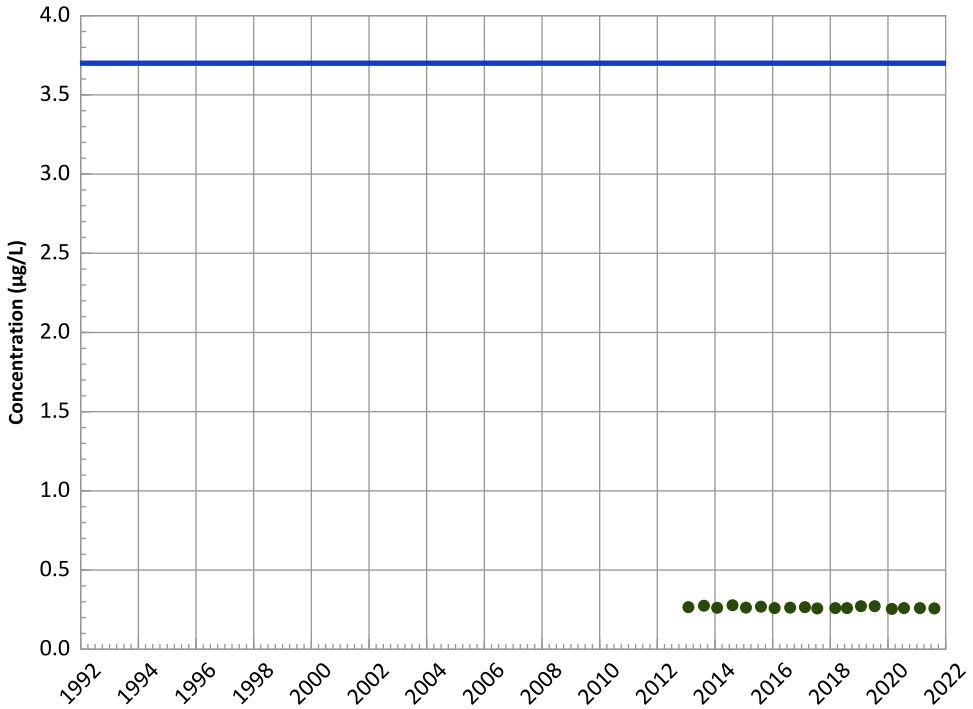
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

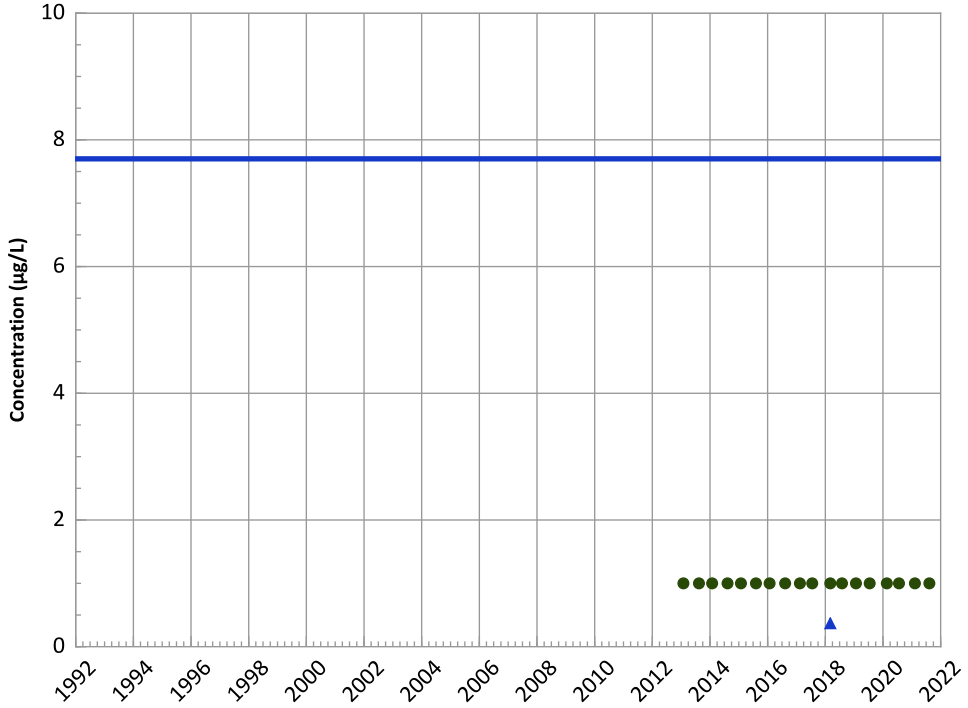


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

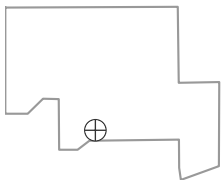
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

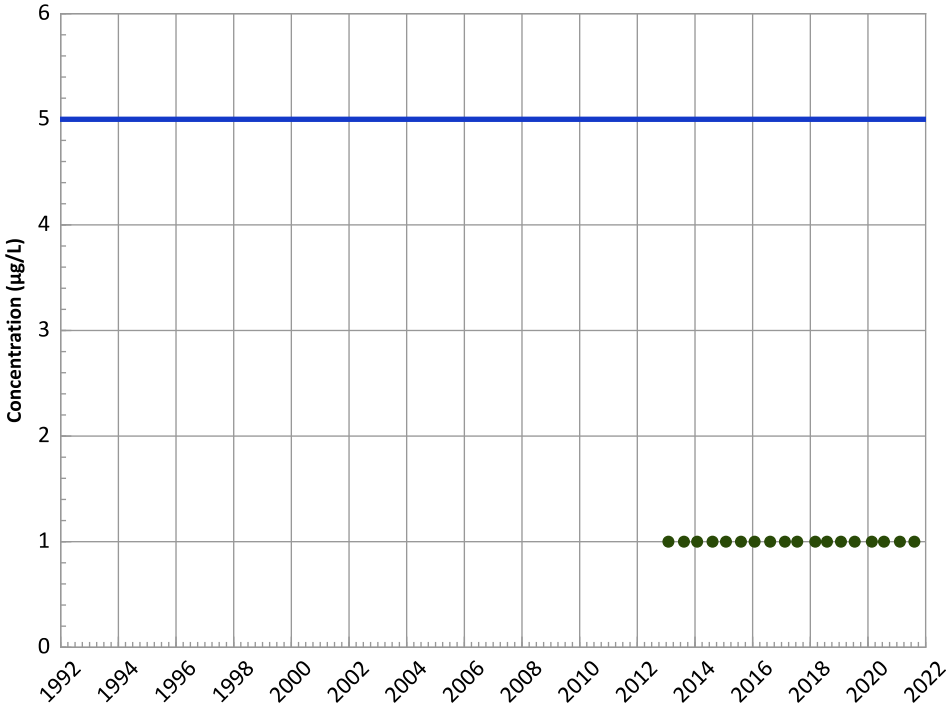
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

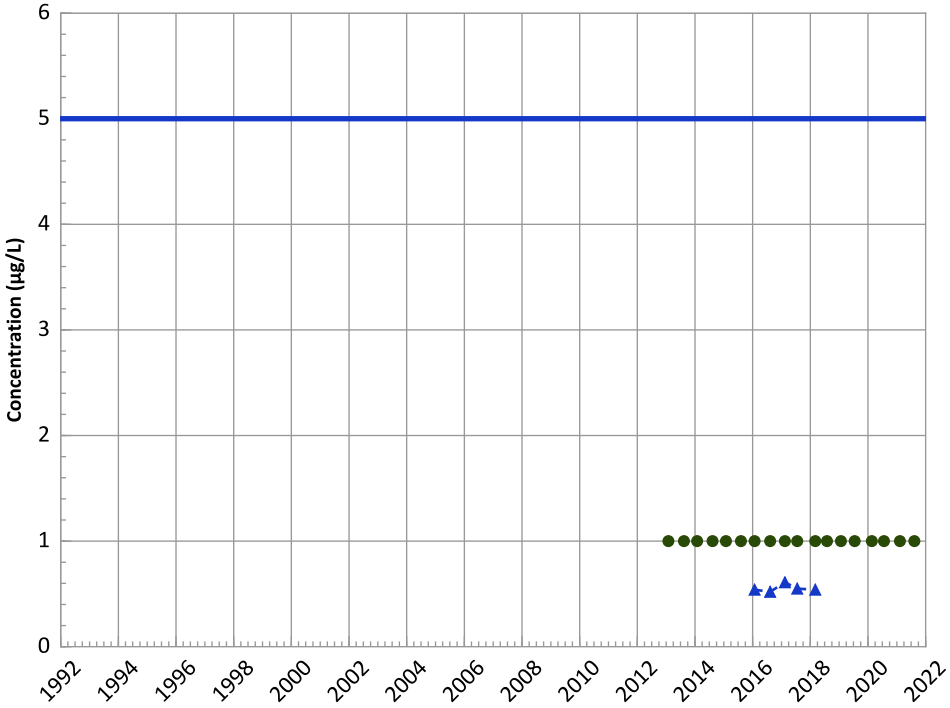


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

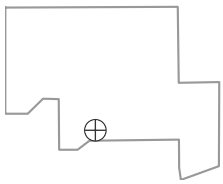
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

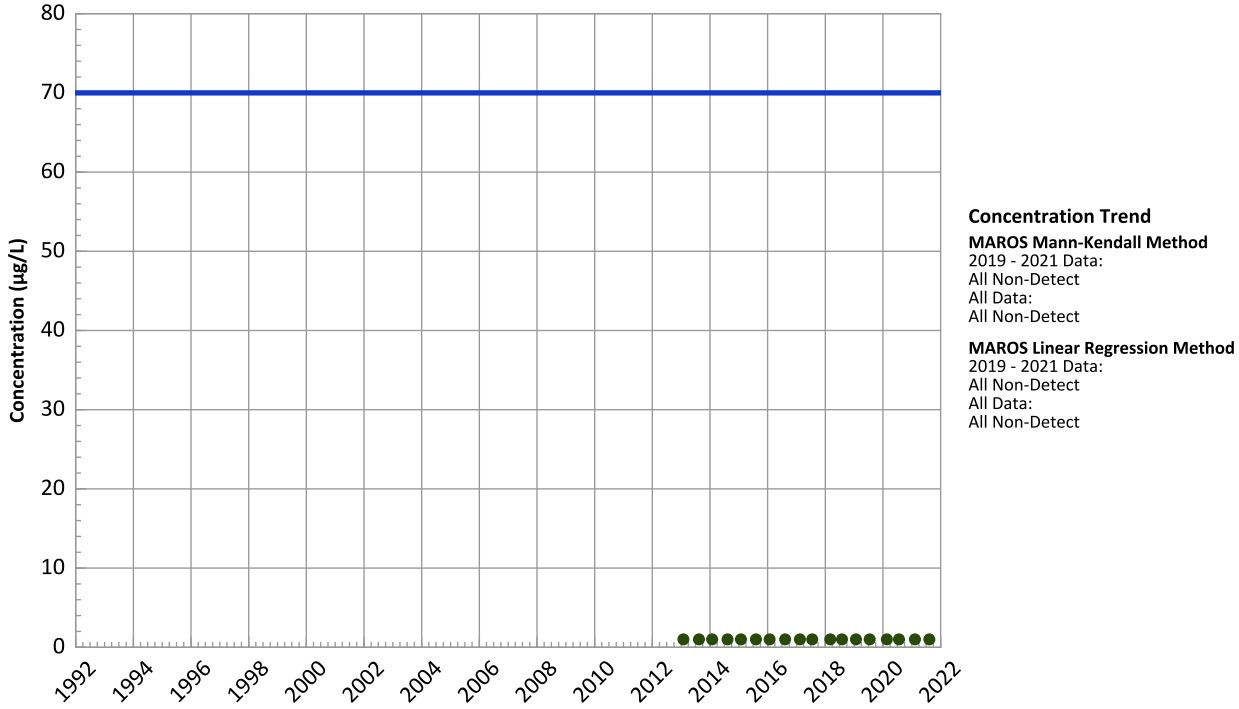
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

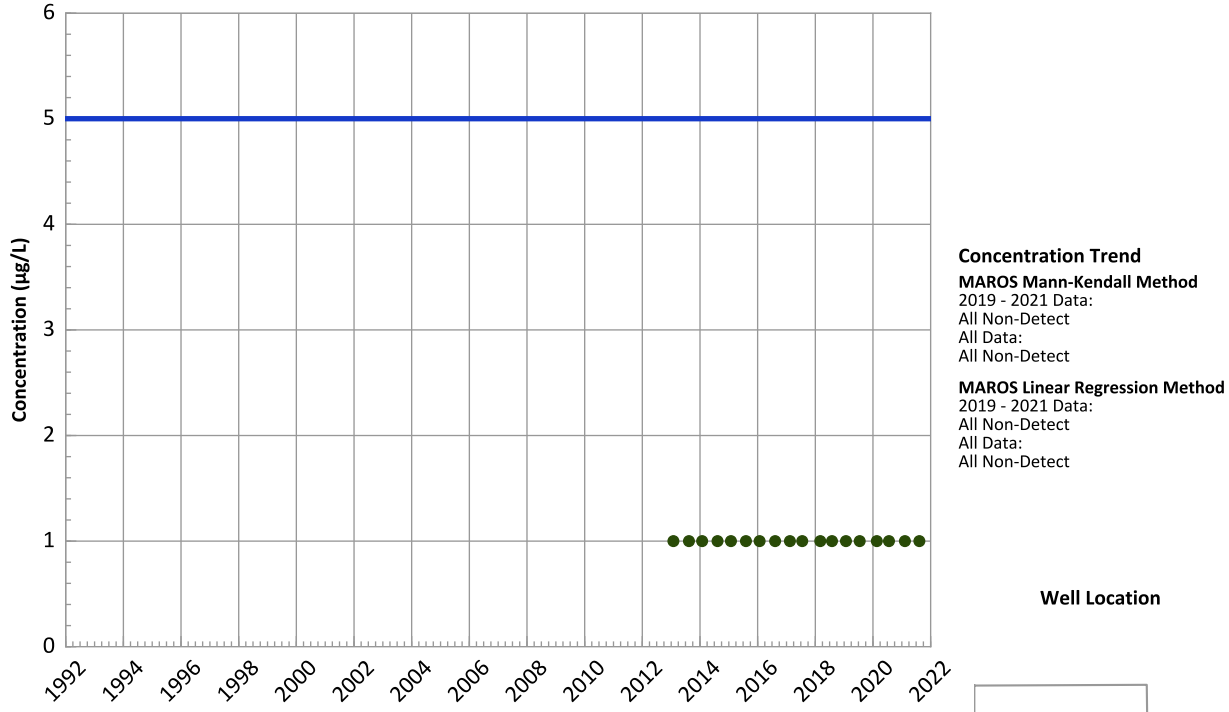


PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



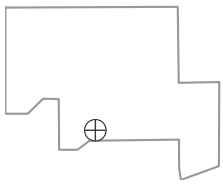
1,2-Dichloroethane Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

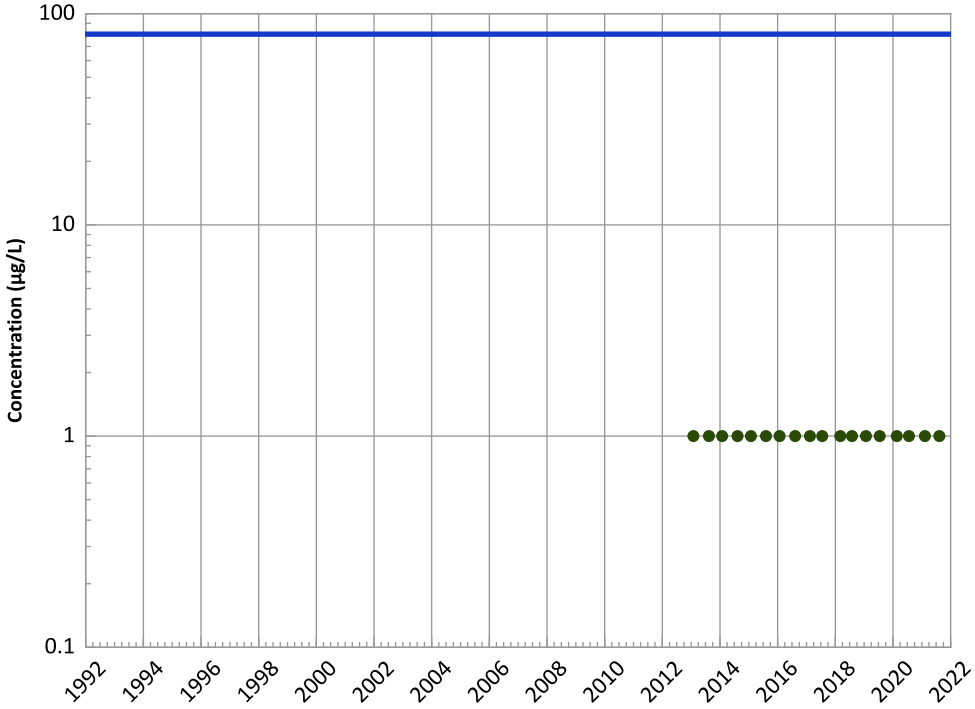
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

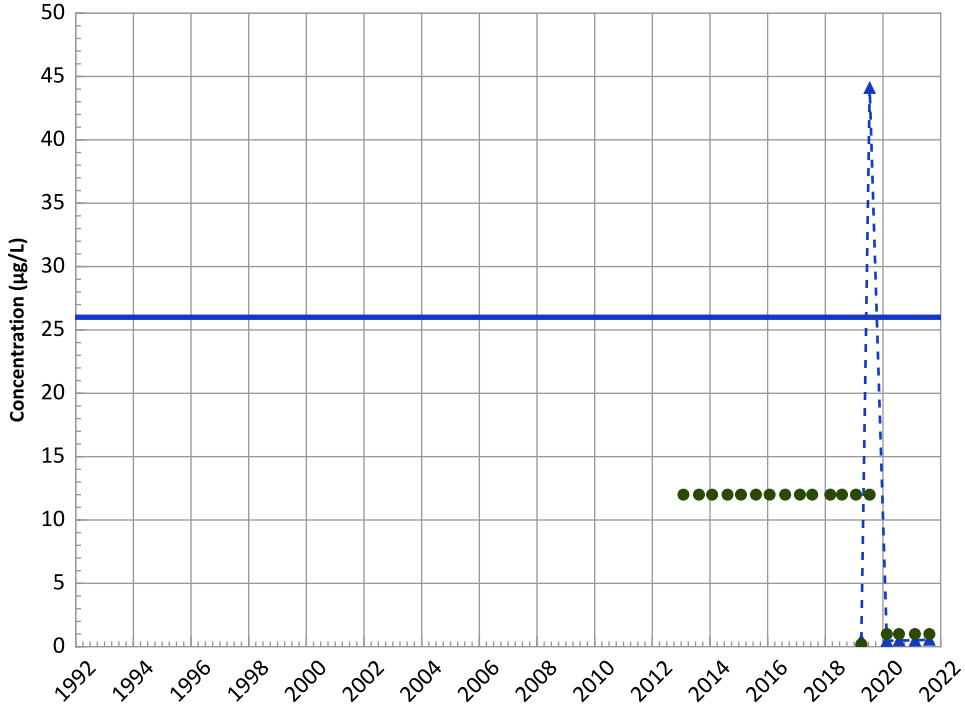


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

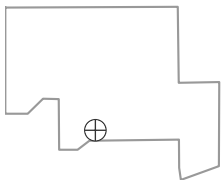
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

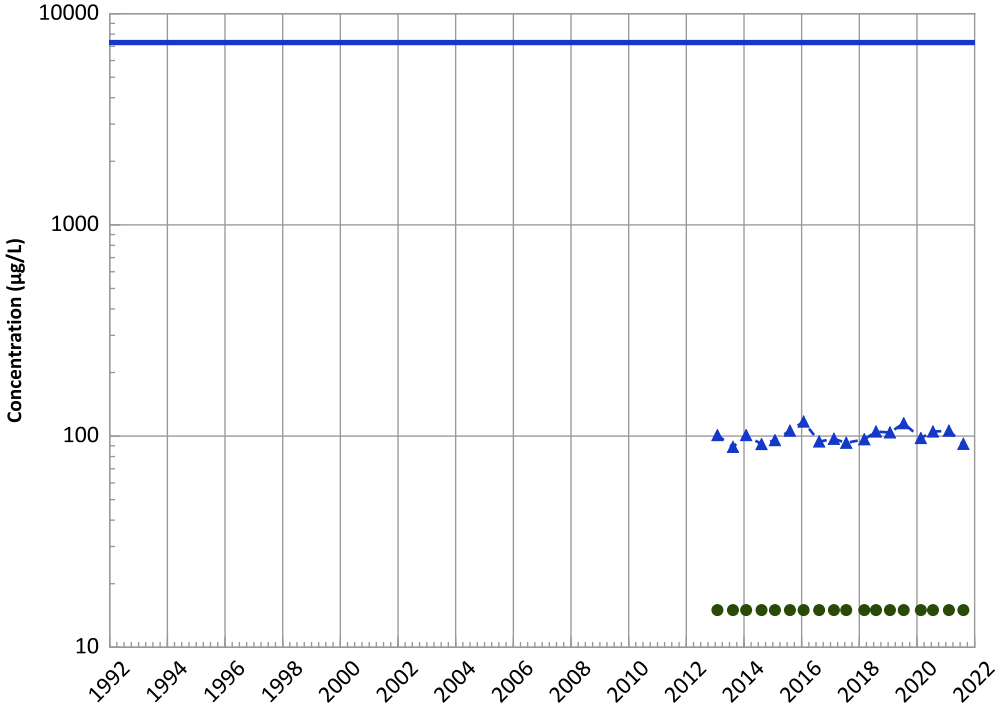
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1160 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

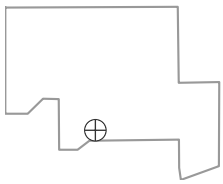
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

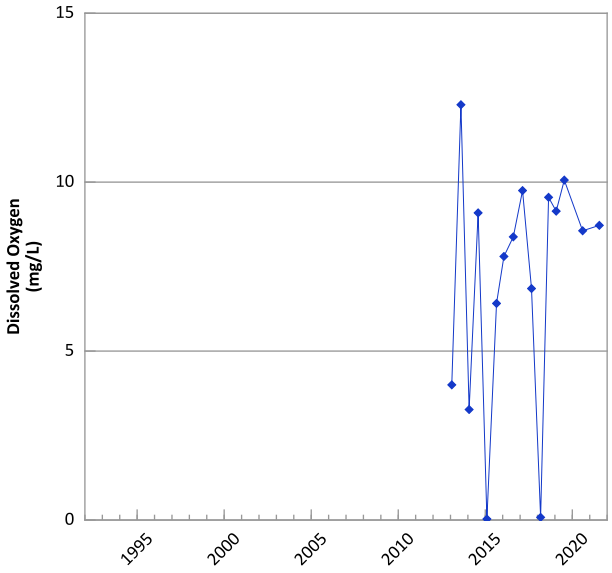
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/29/2013 to 08/11/2021
Analysis Date: 04/05/2022

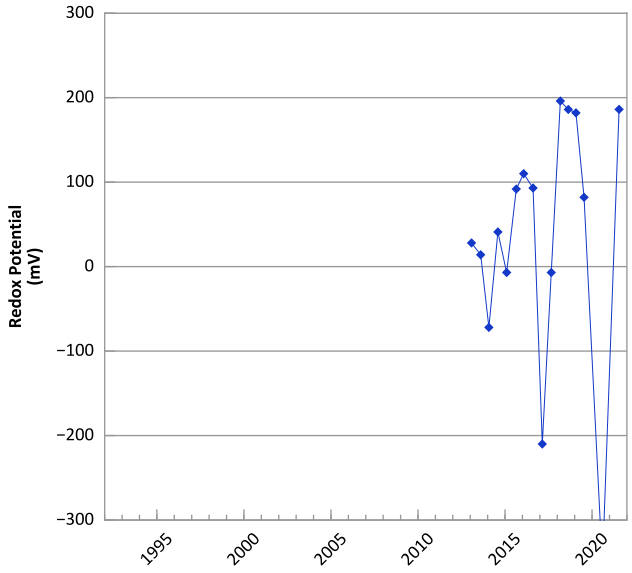
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

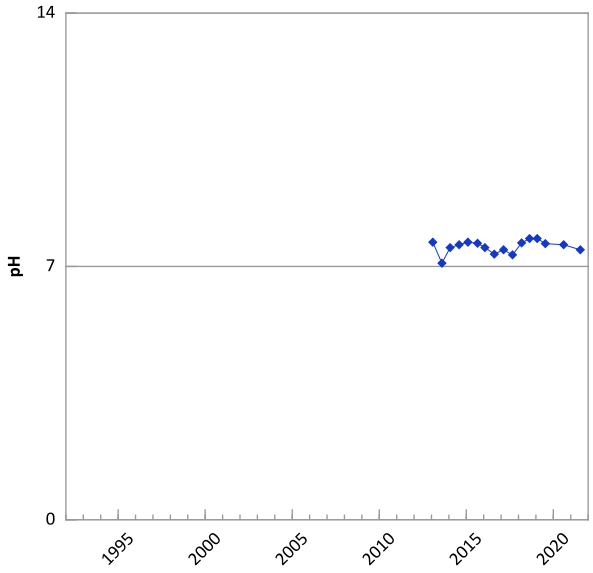
Well Location

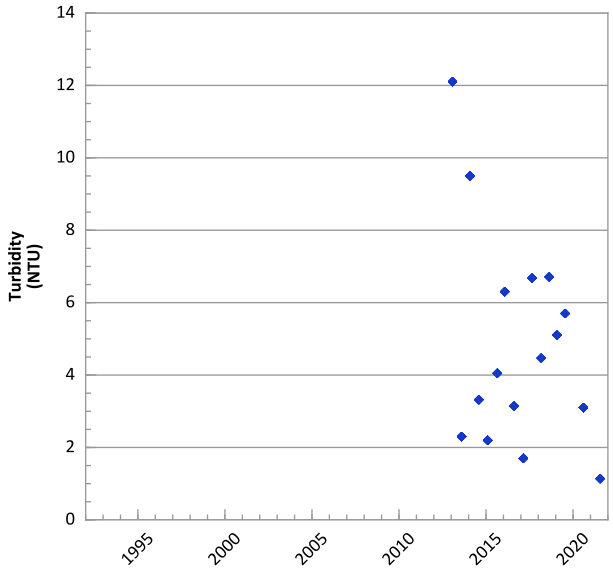


PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



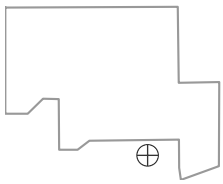






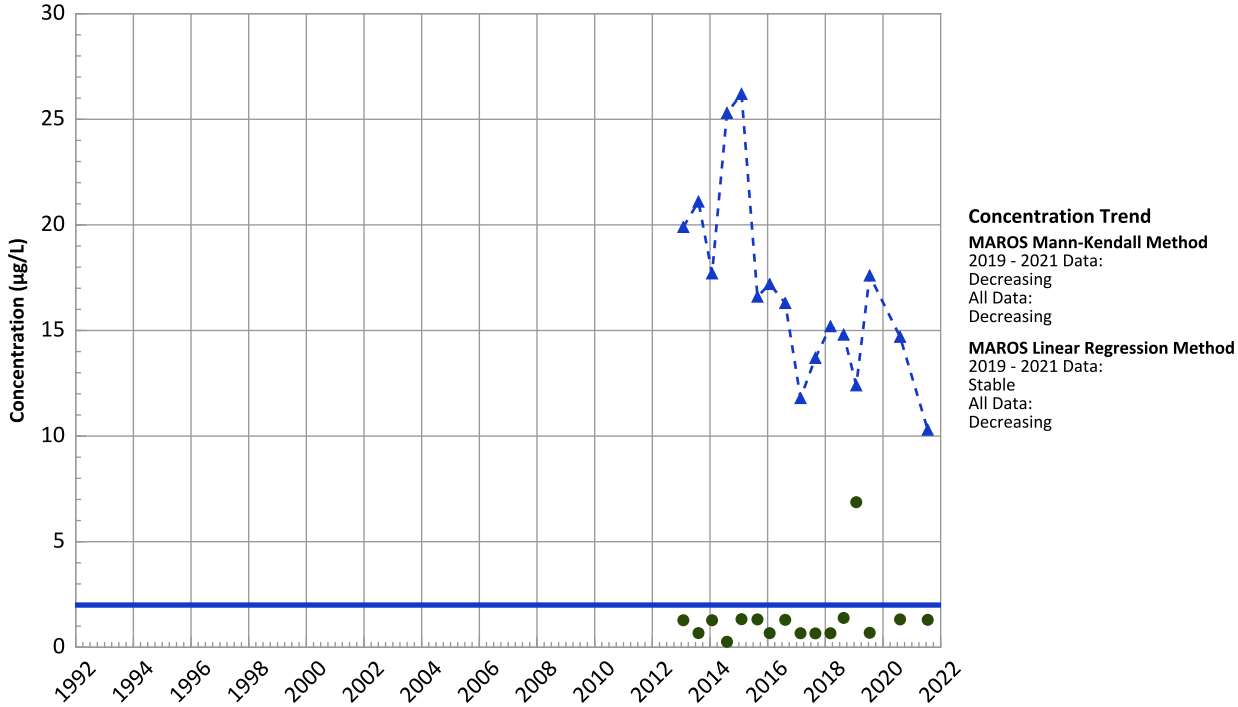
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

Well Location

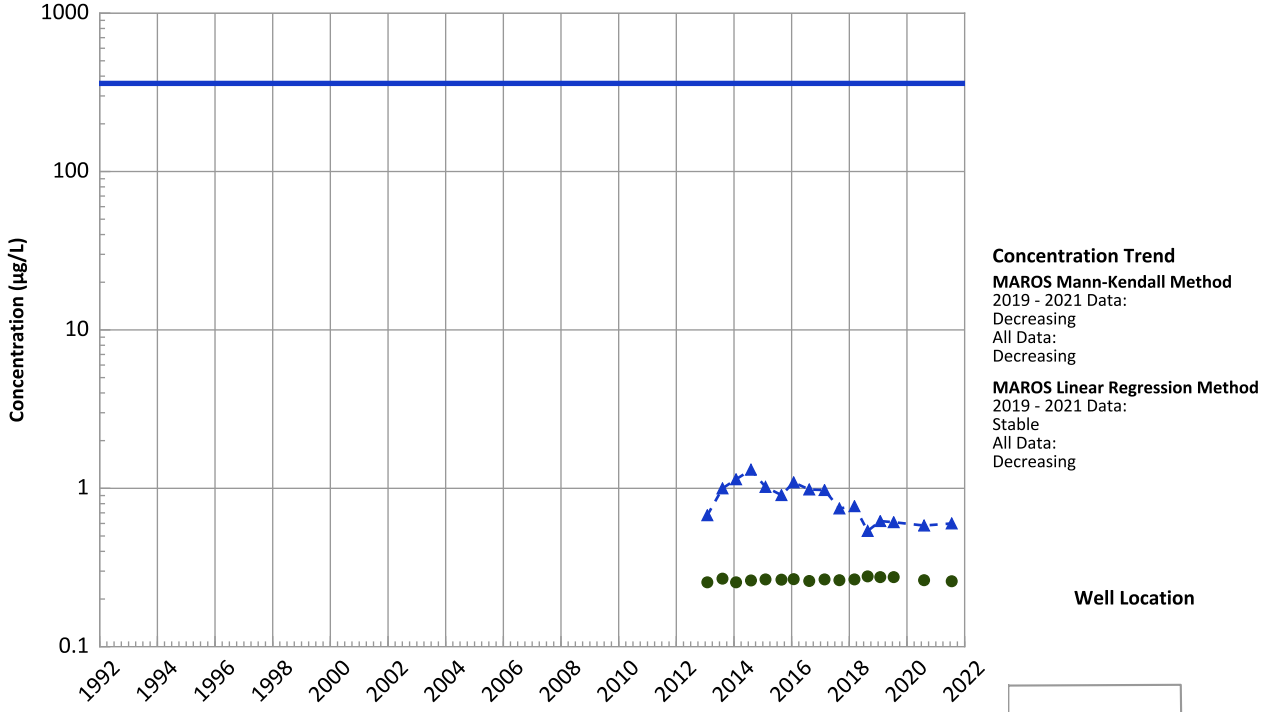


PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



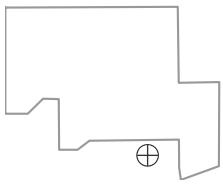
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

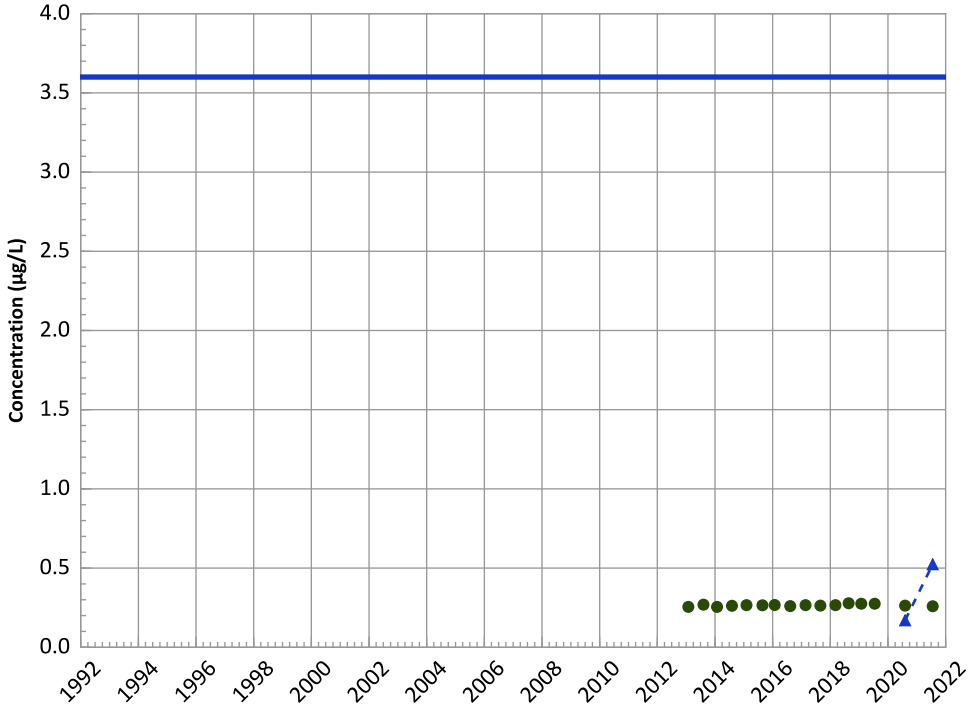
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

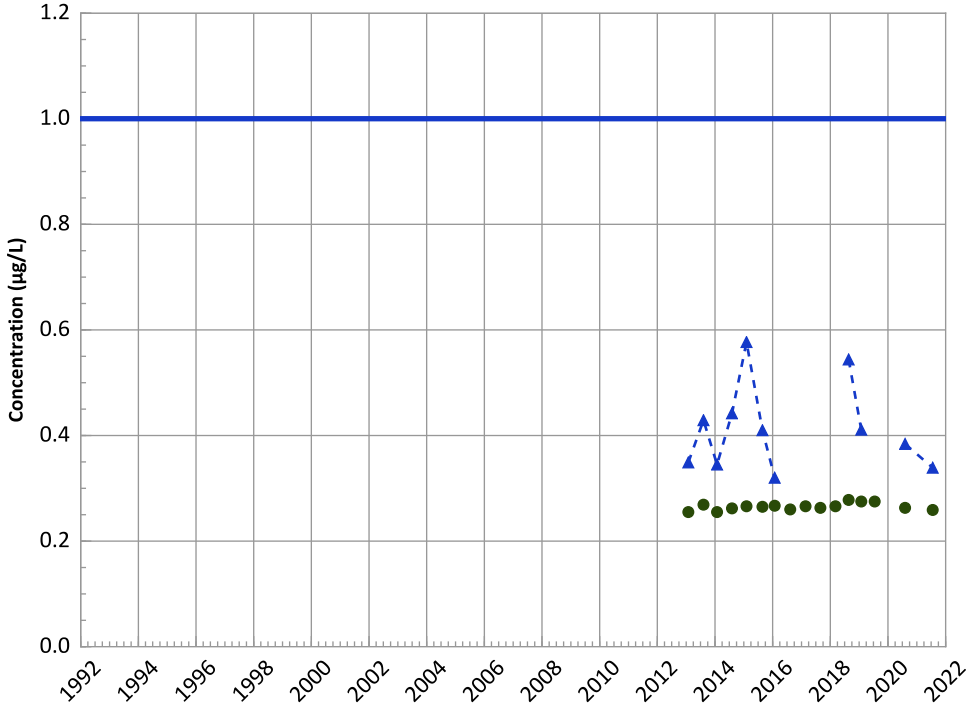


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

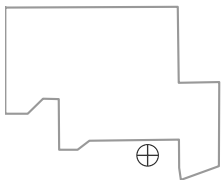
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

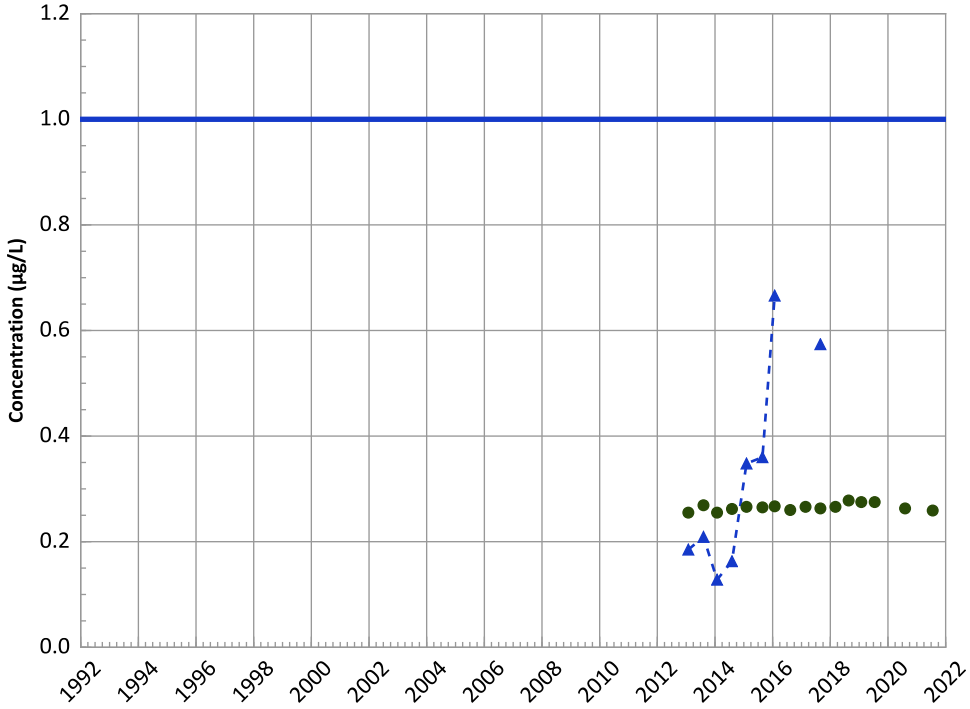
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

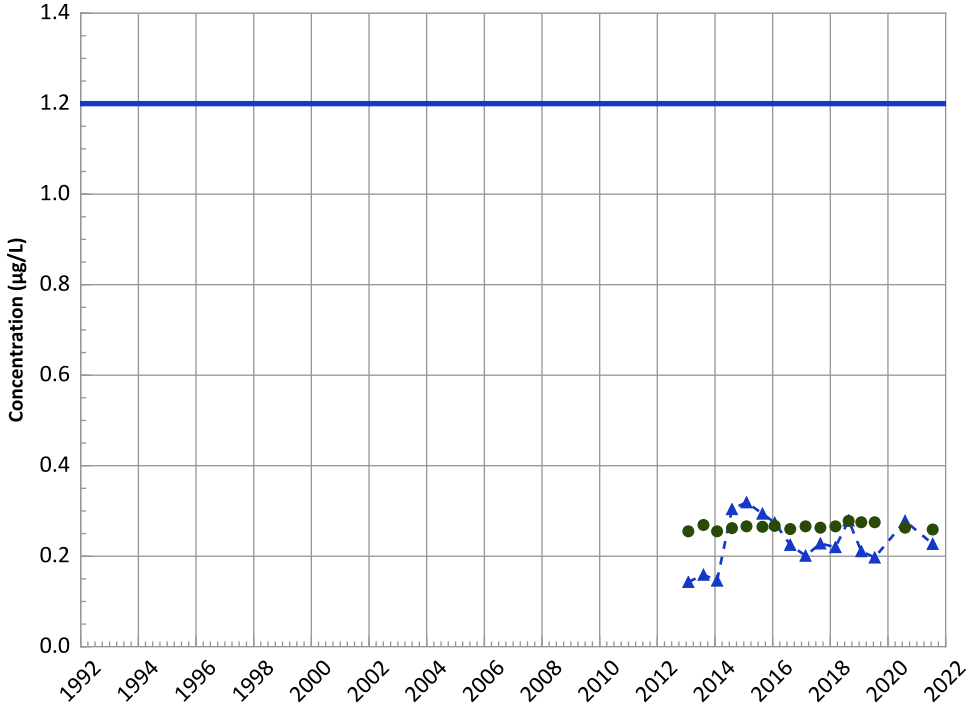


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

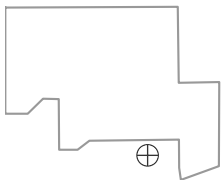
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

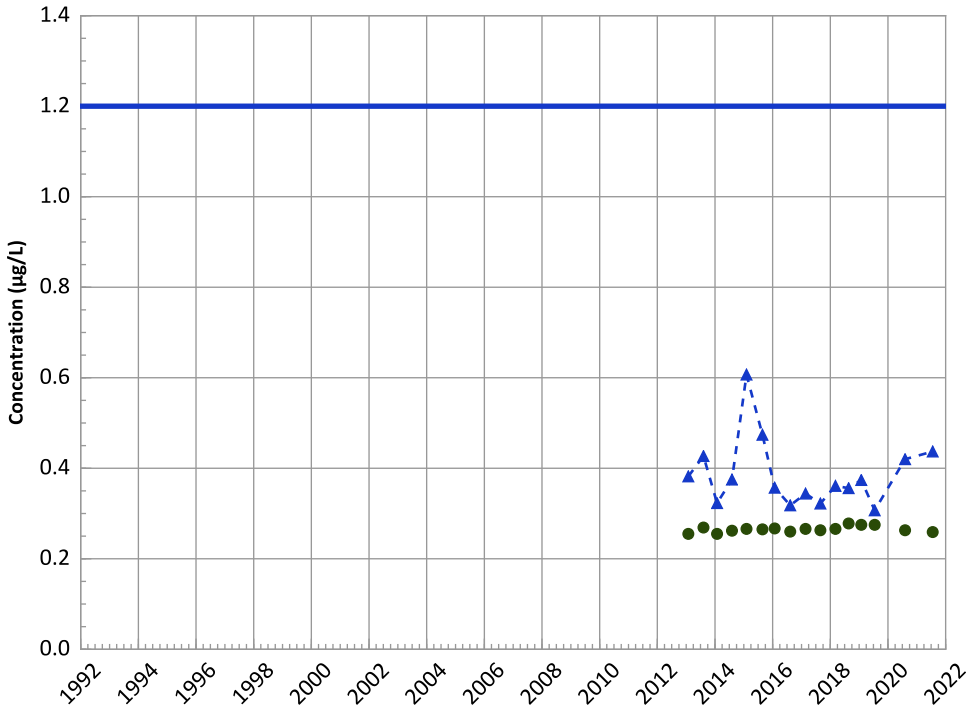
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

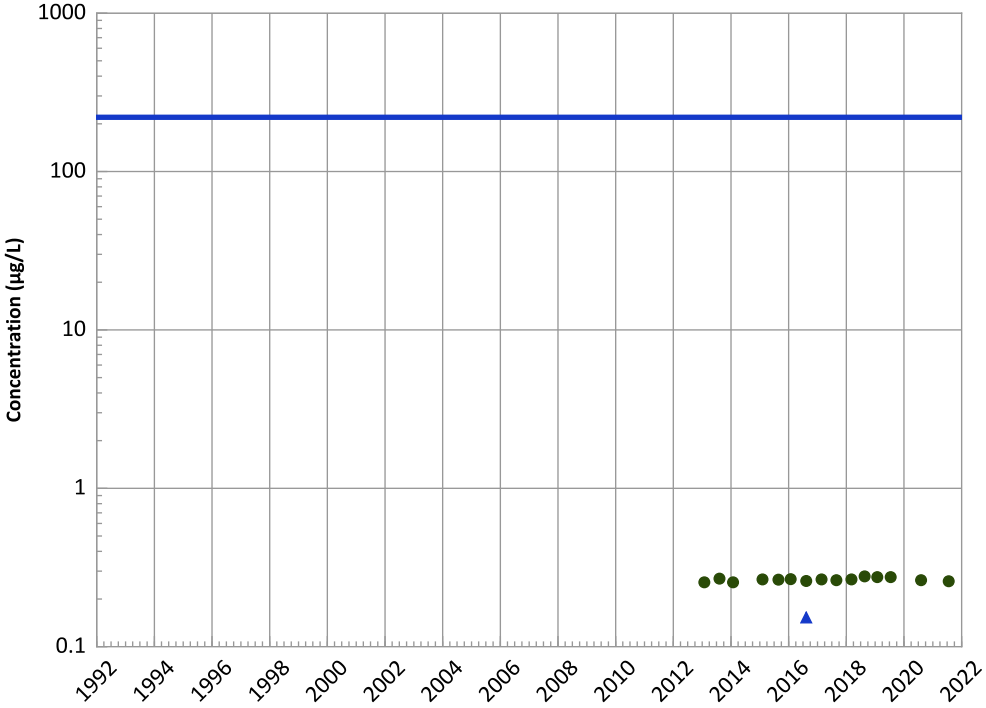


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

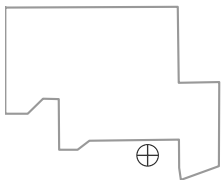
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

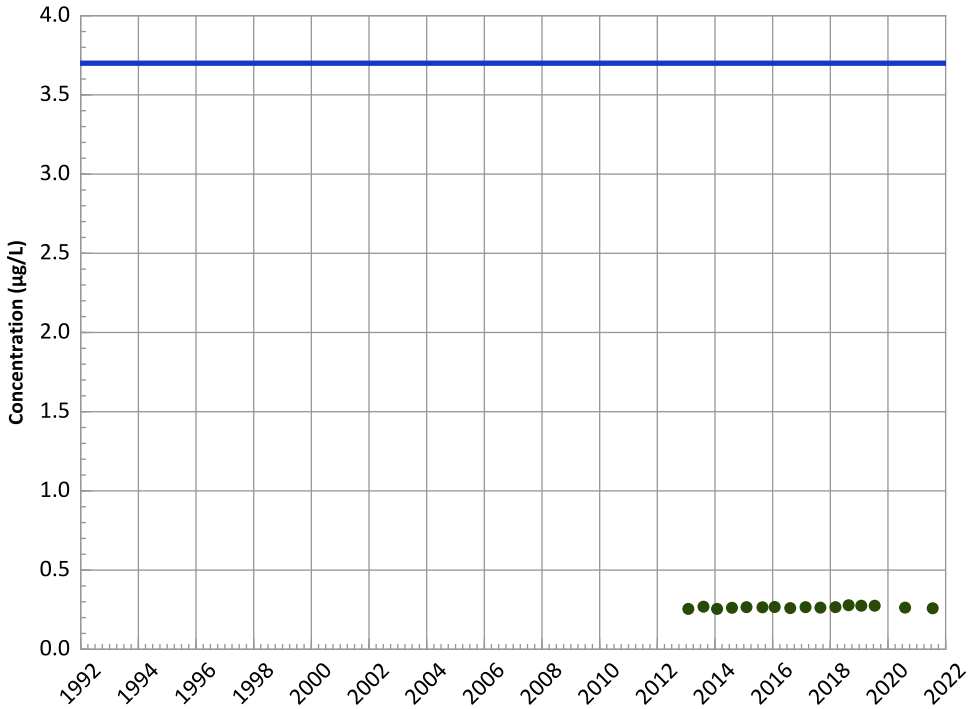
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

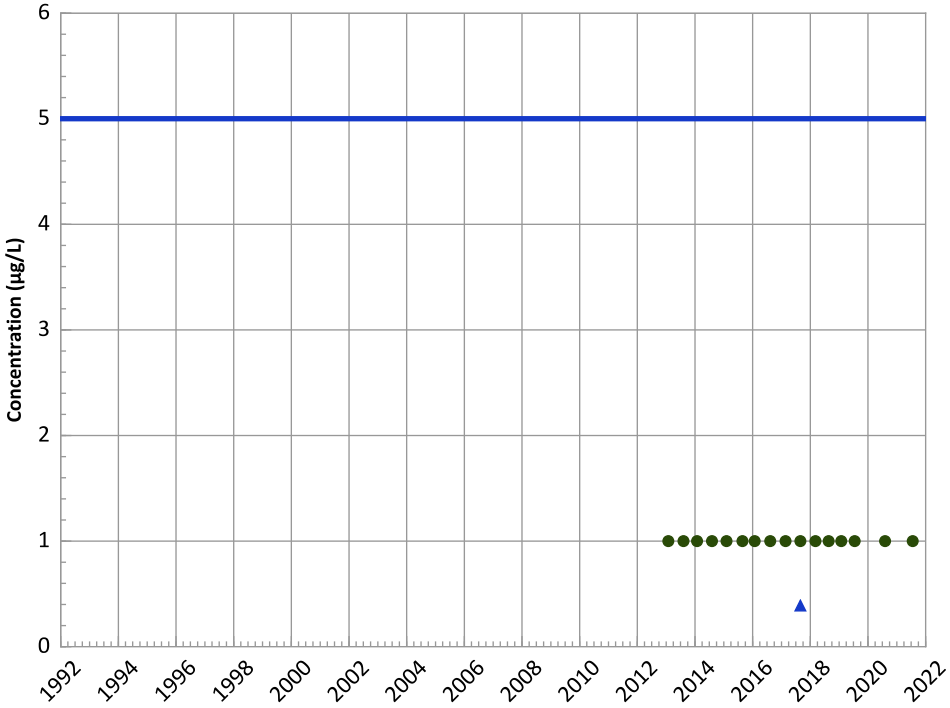


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

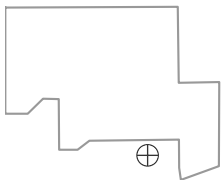
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

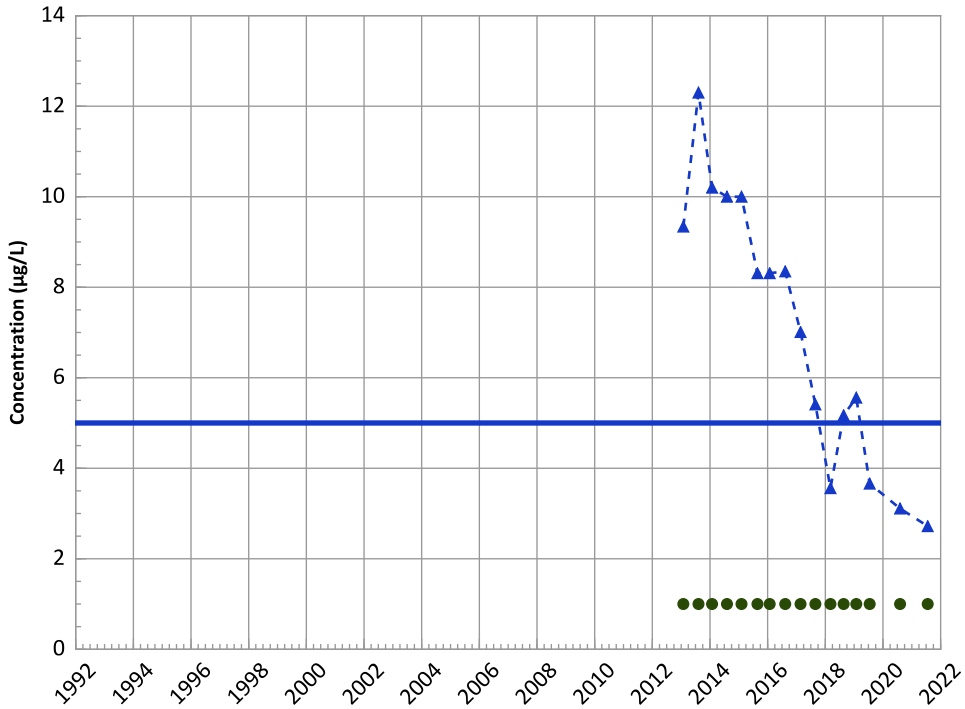
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

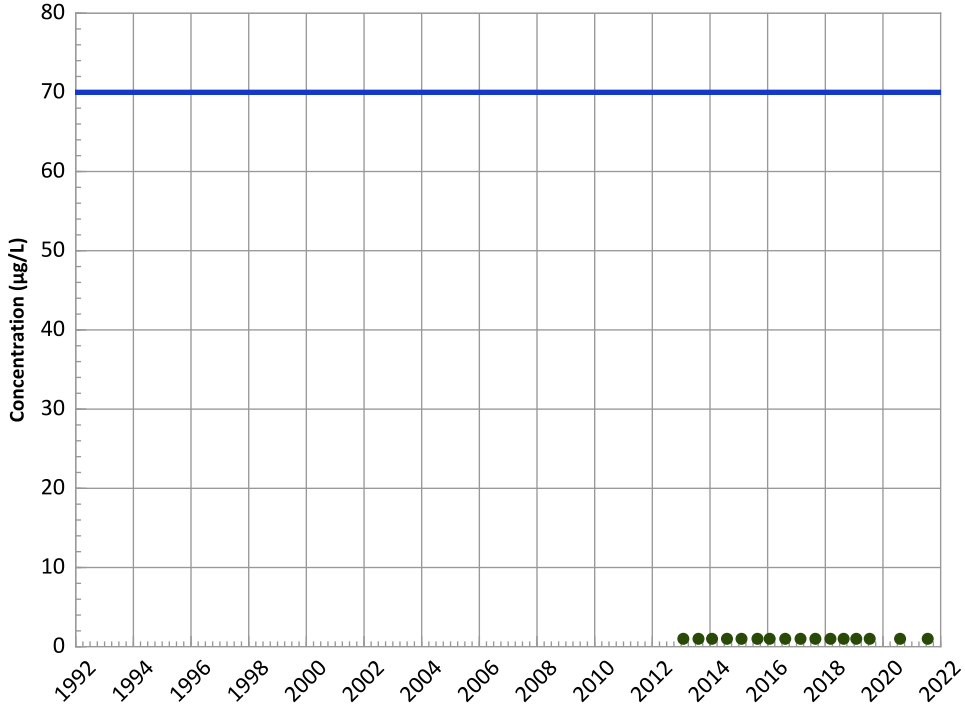


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

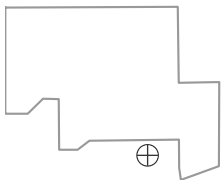
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

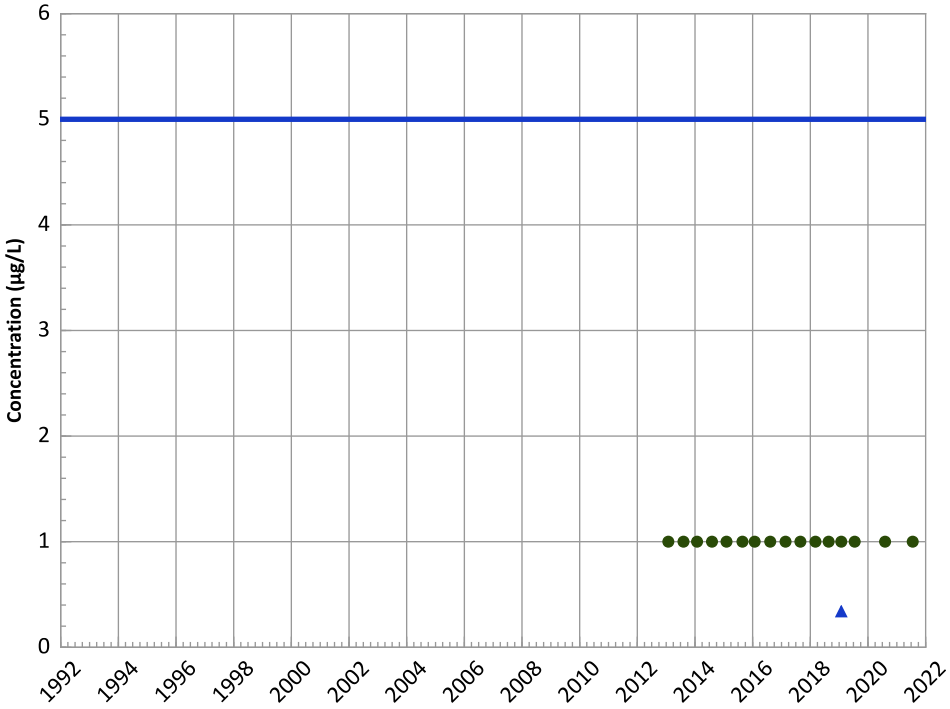
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

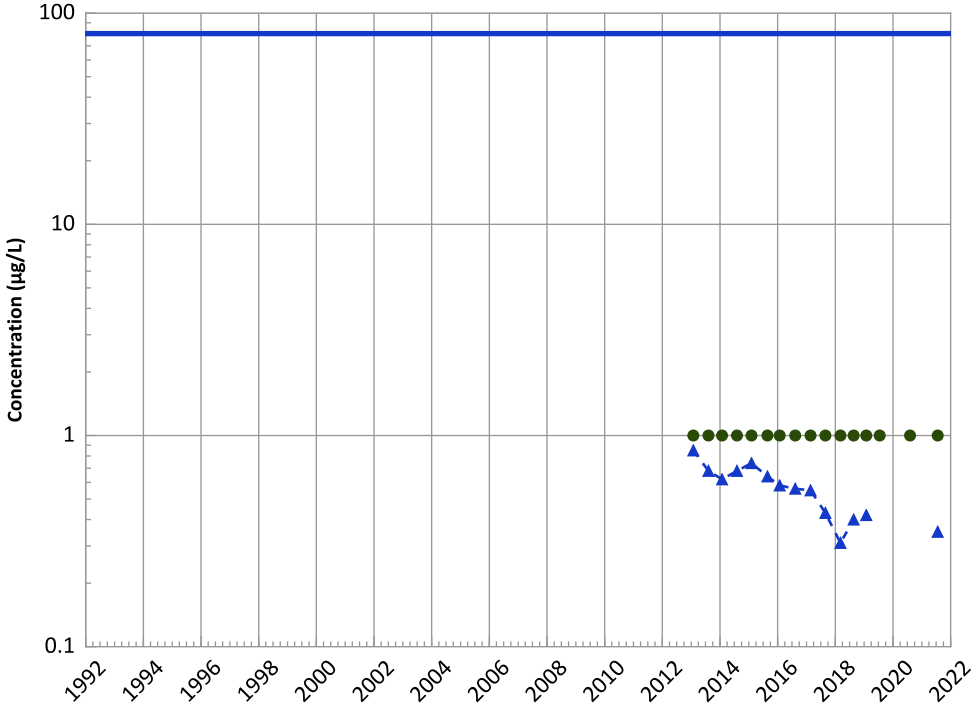


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

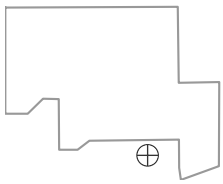
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

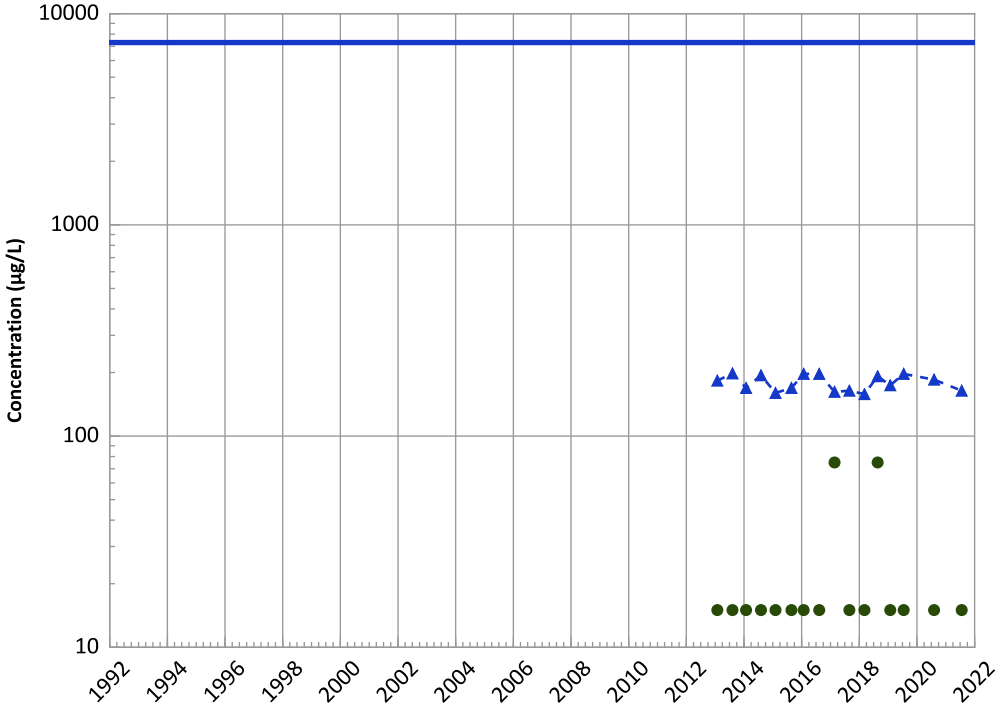
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

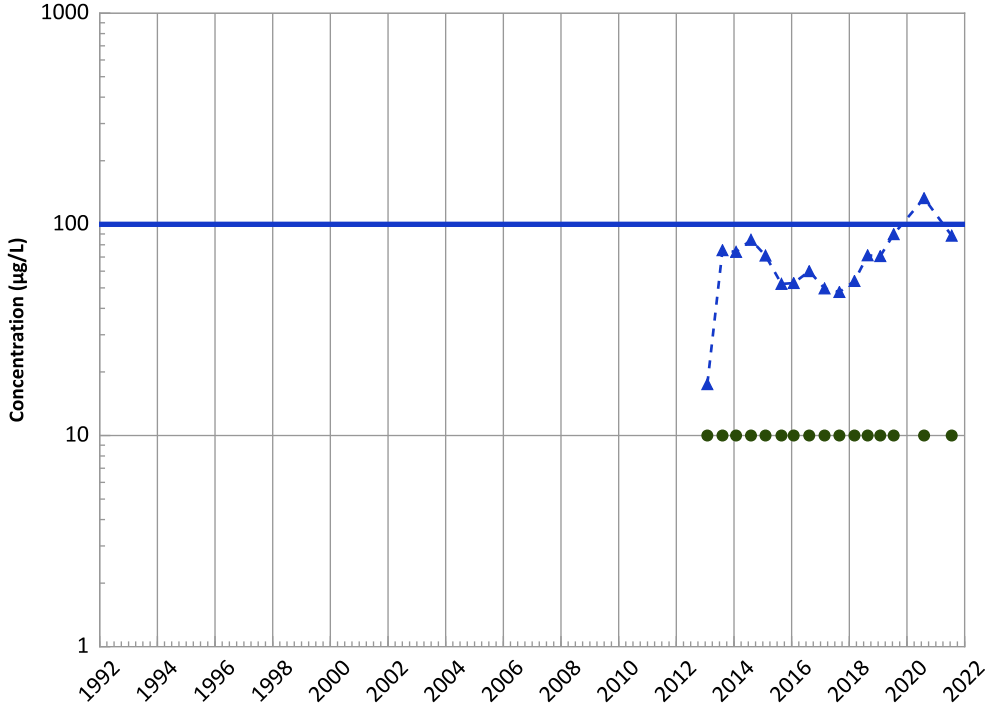


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Total Trend



Concentration Trend

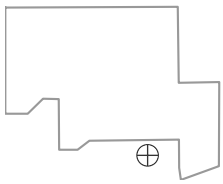
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

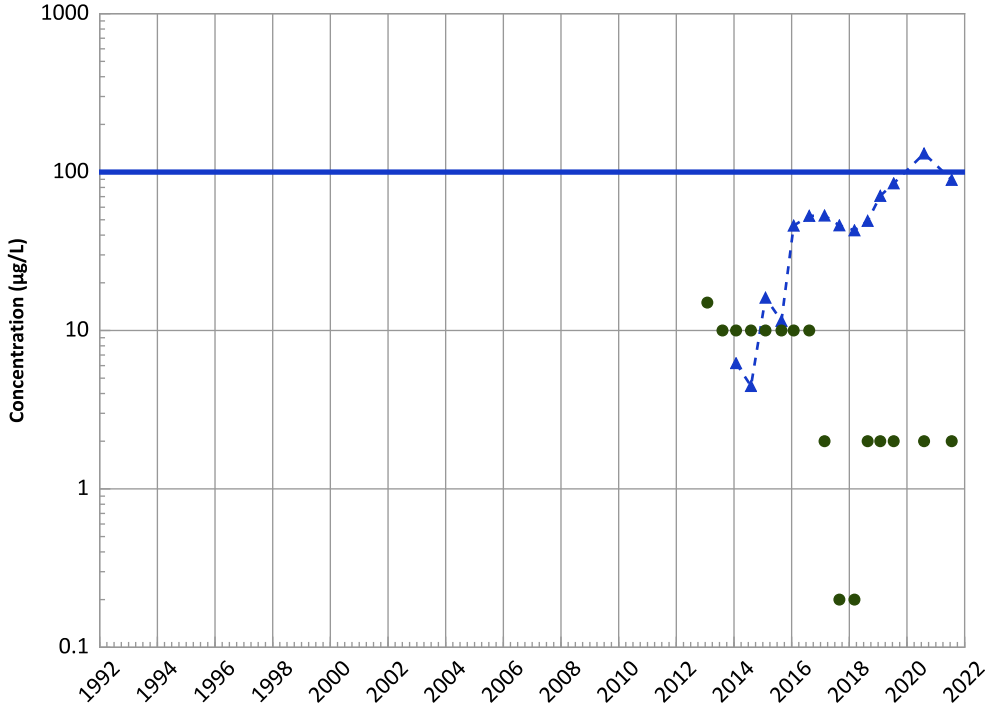
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

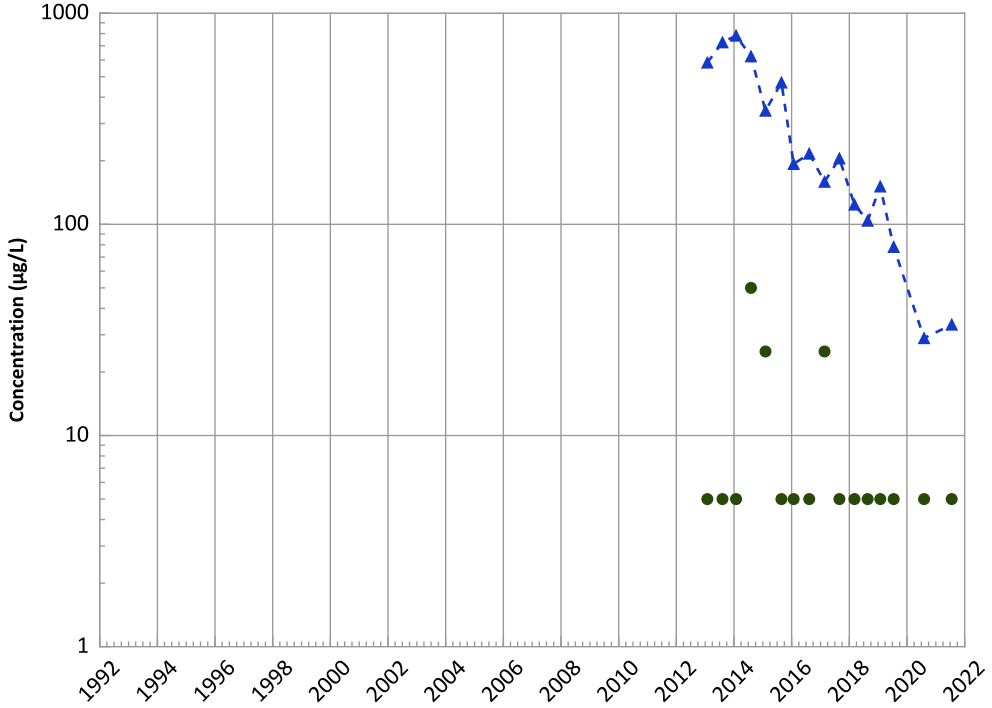


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Manganese Trend



Concentration Trend

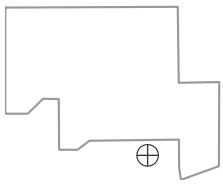
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

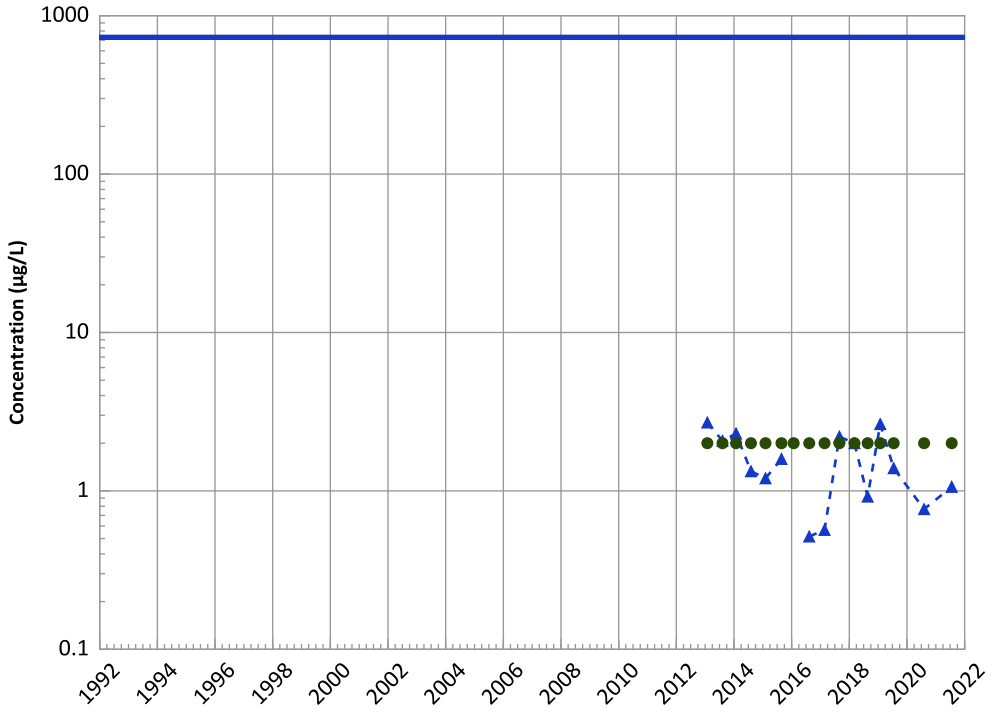
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

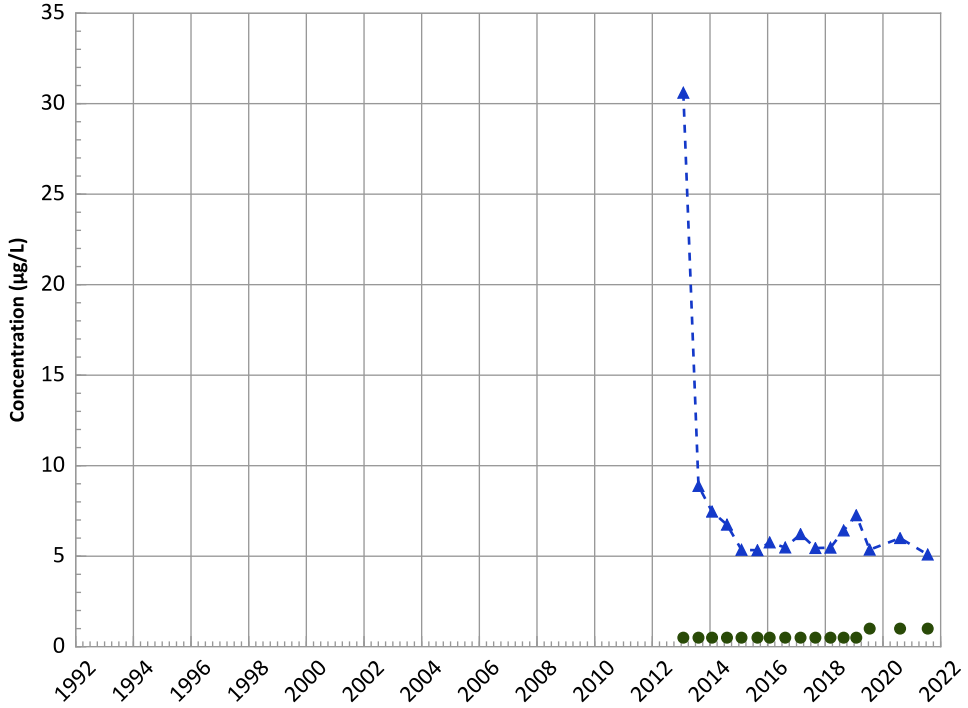


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Decreasing

Molybdenum Trend



Concentration Trend

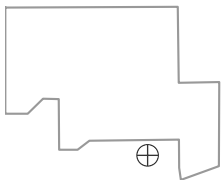
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

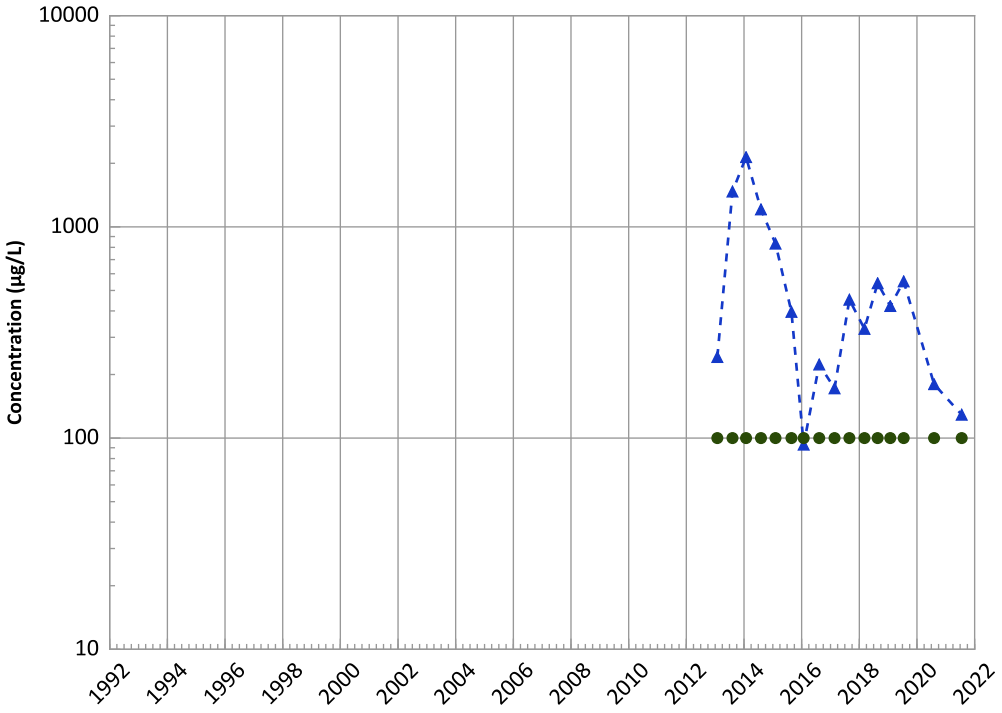
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1166 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

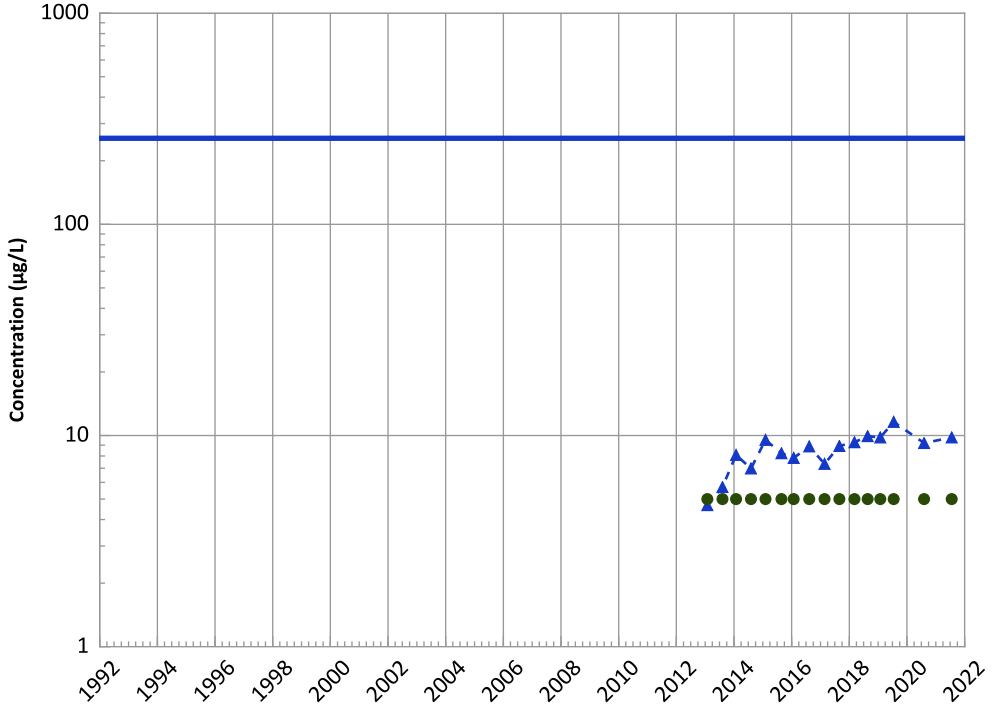


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Vanadium Trend



Concentration Trend

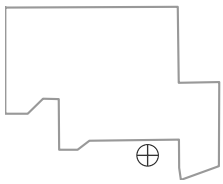
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

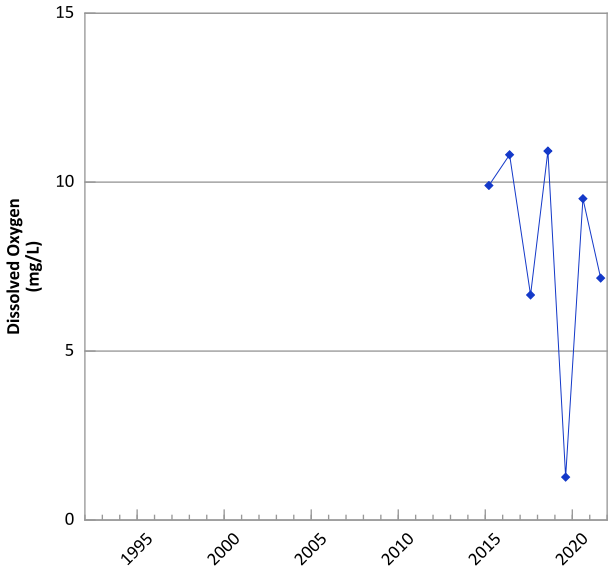
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2013 to 07/21/2021
Analysis Date: 04/05/2022

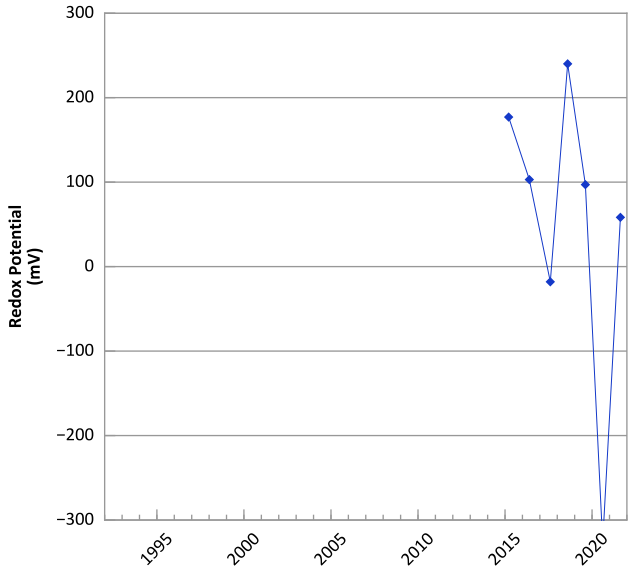
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

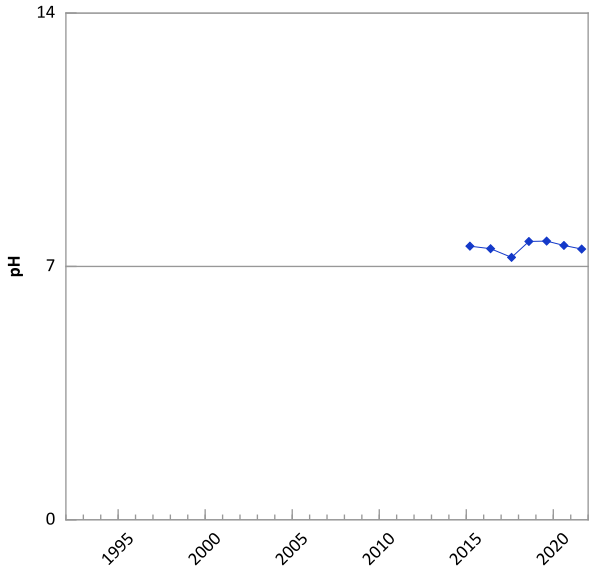
Well Location

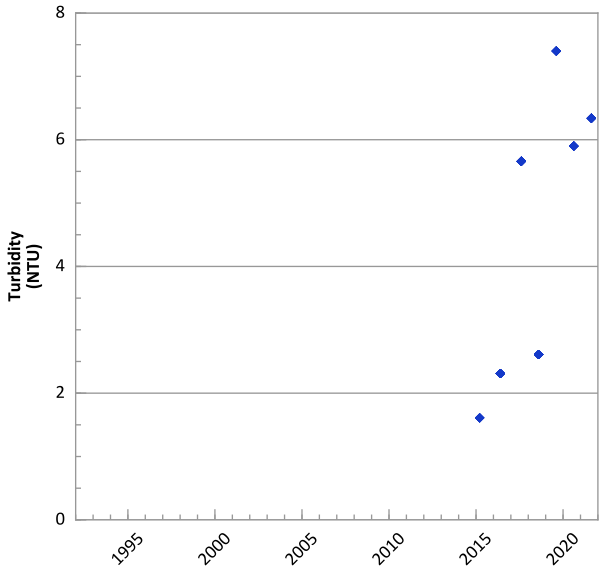


PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



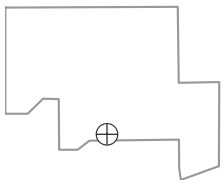






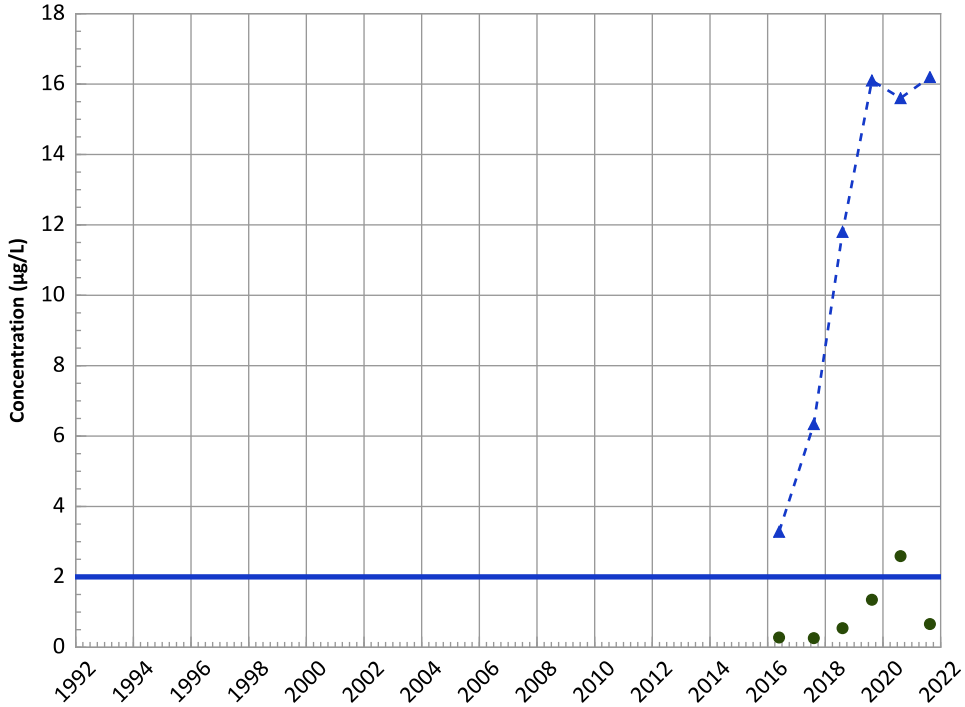
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

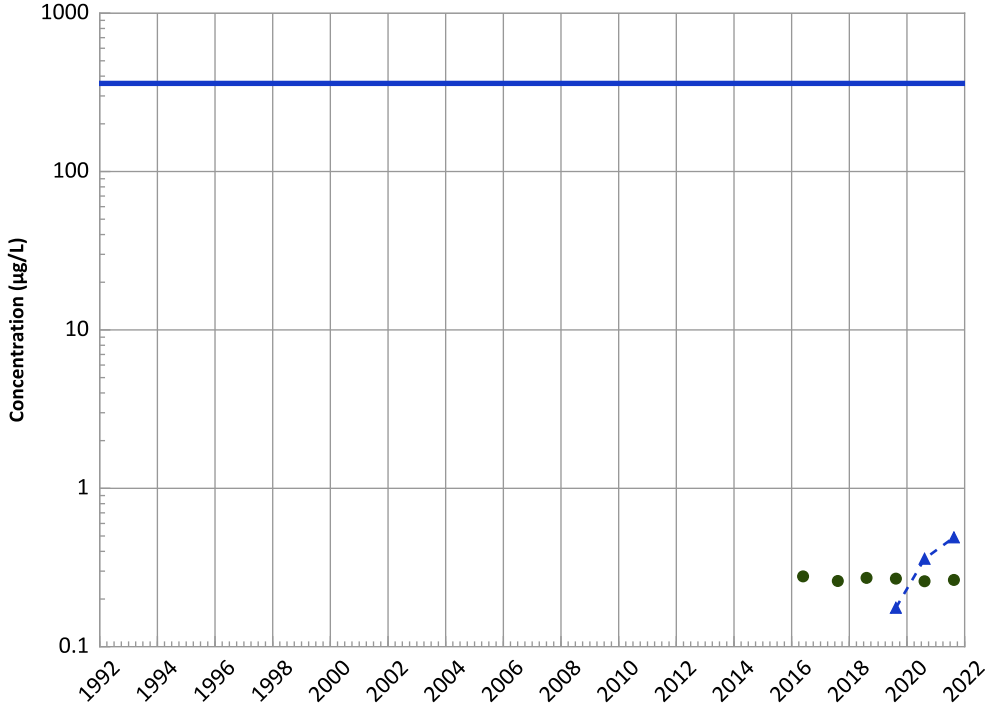


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

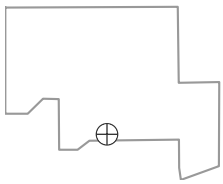
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

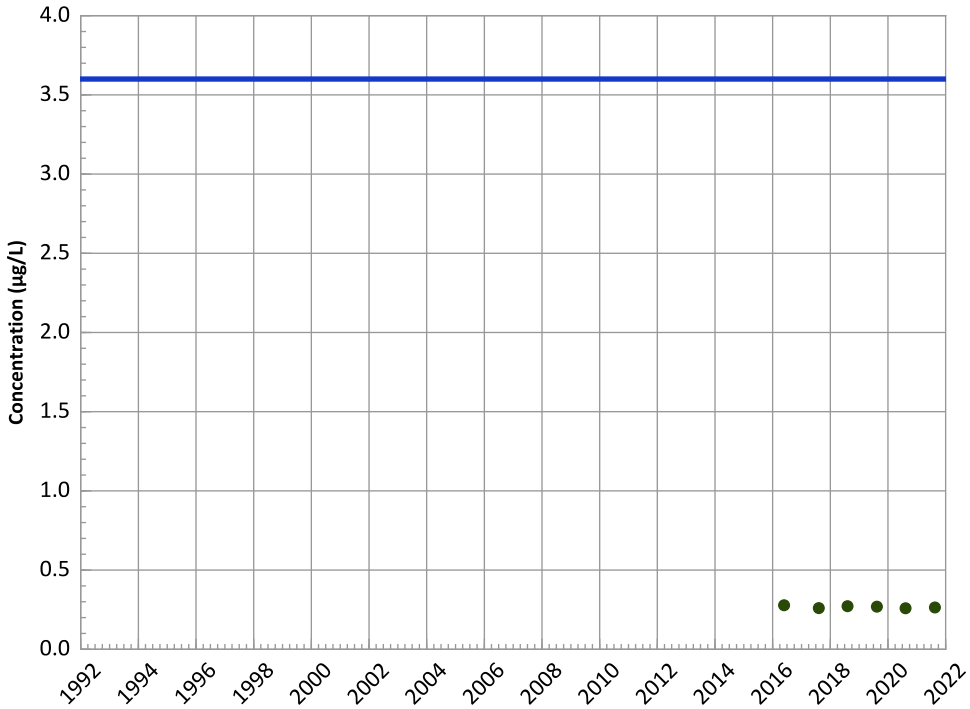
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

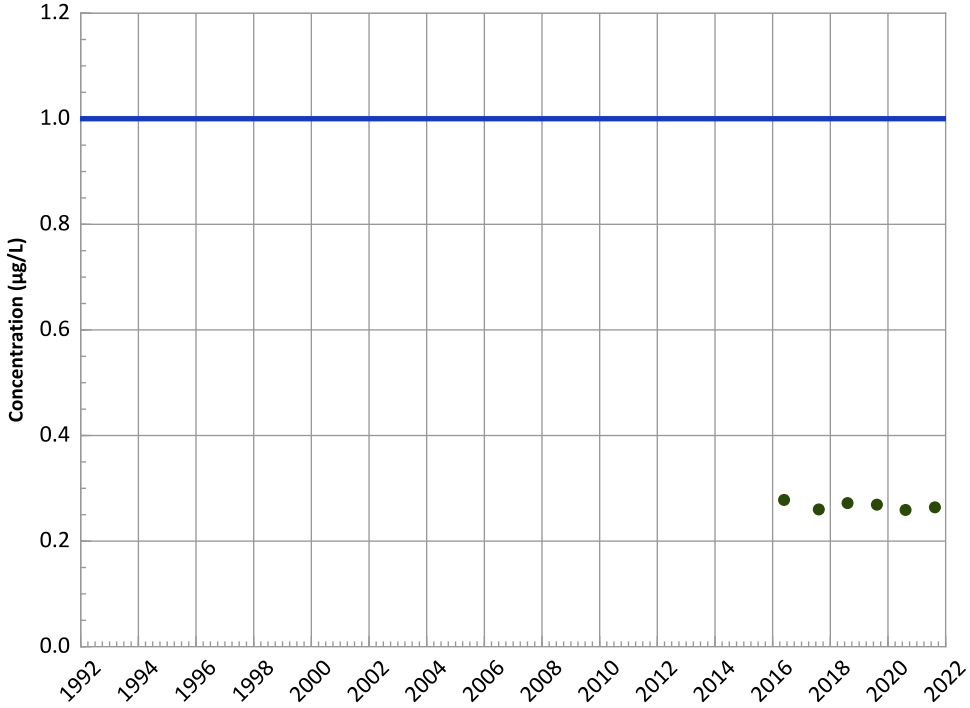


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

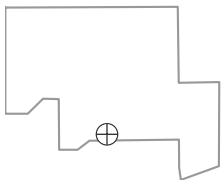
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

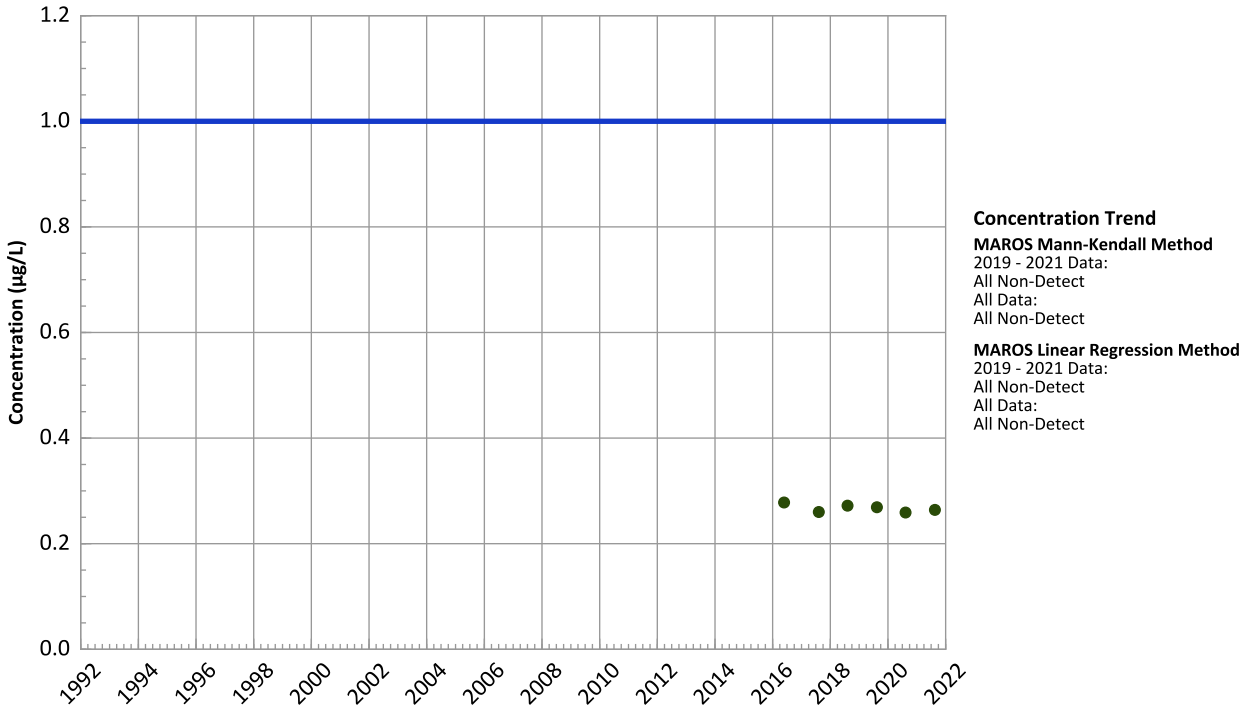
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

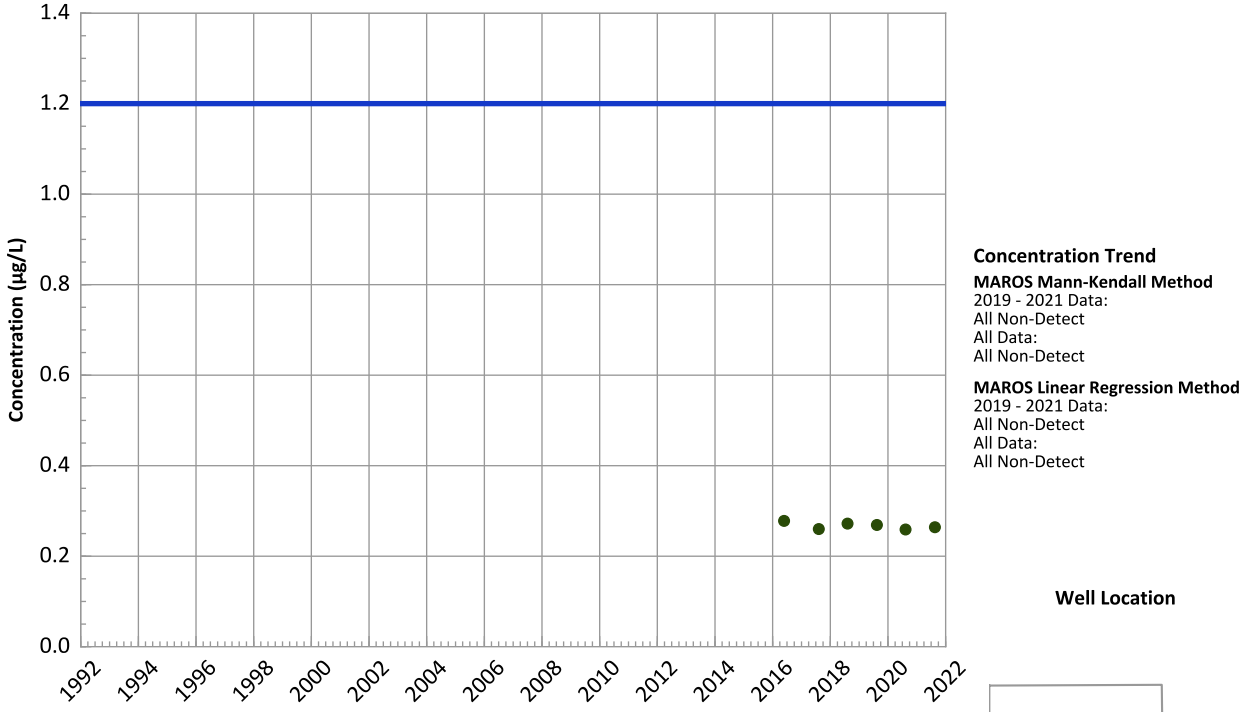


PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



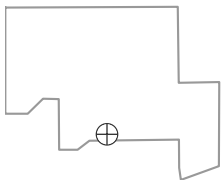
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

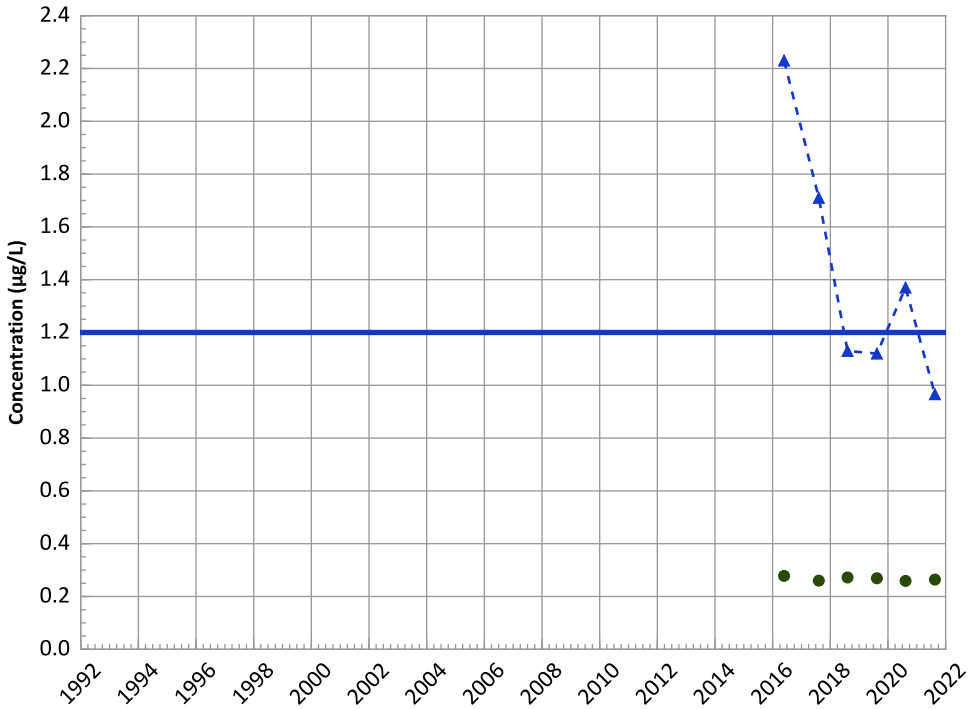
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
— Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

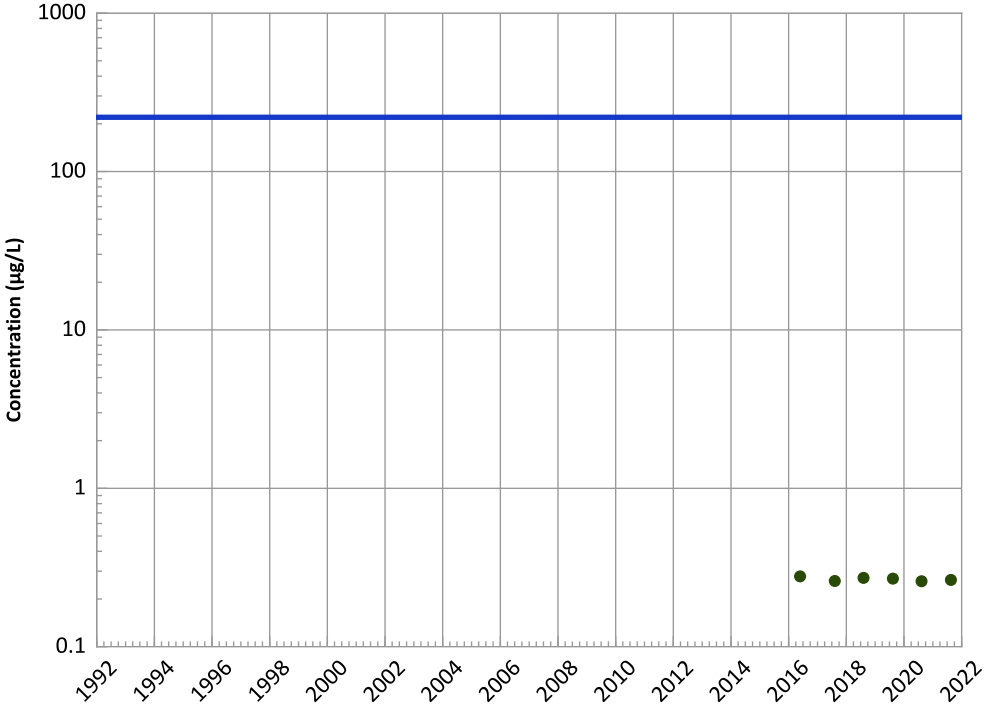


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

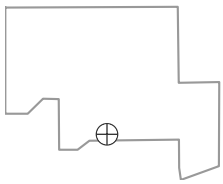
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

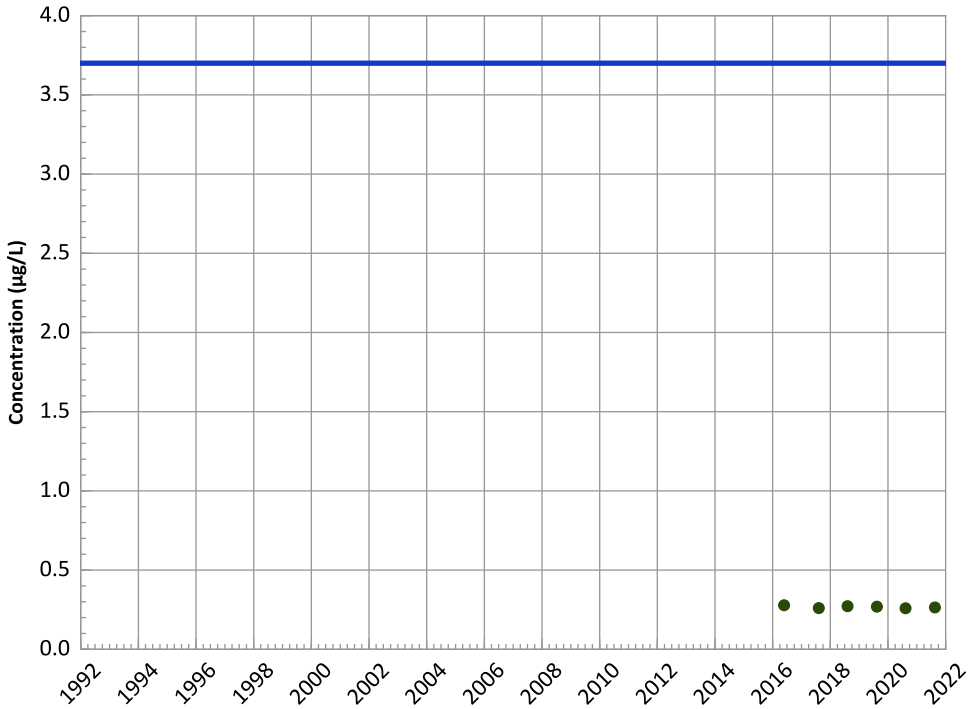
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

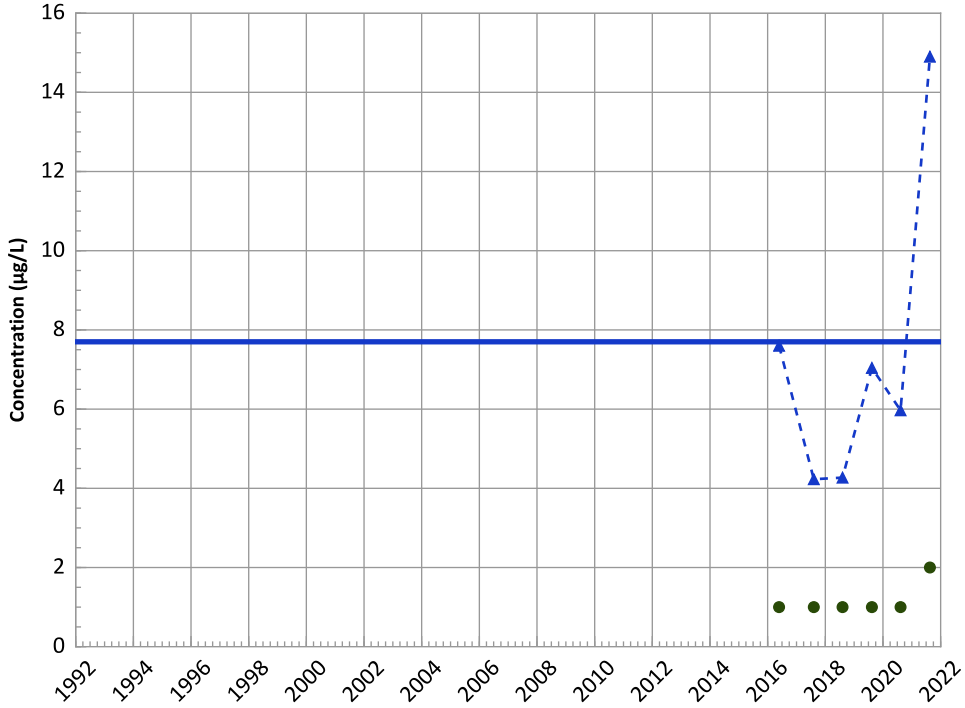


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

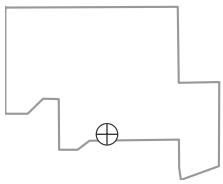
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

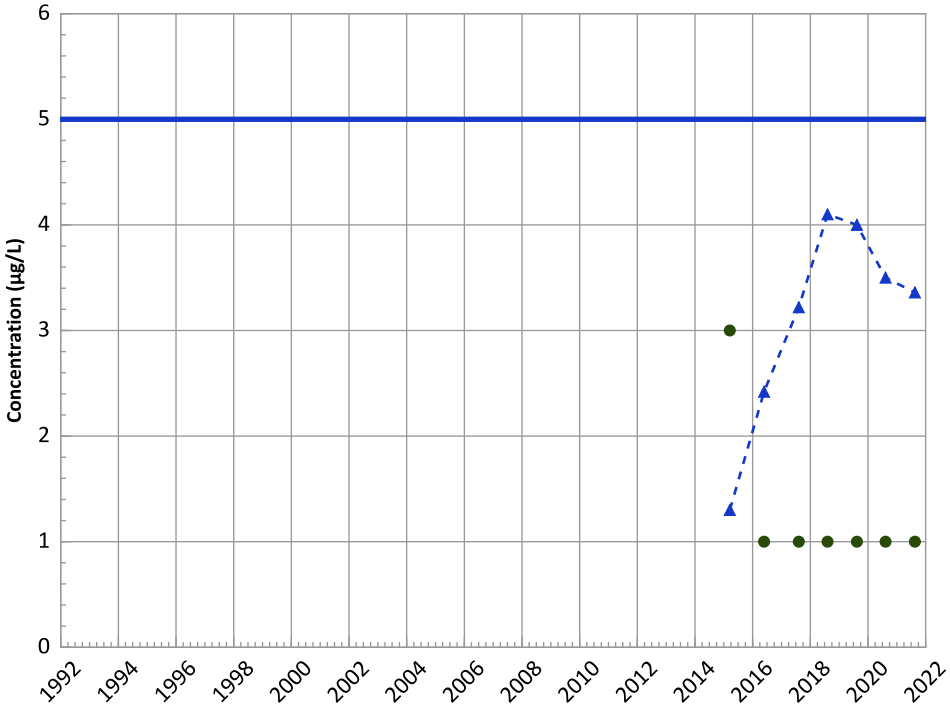
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

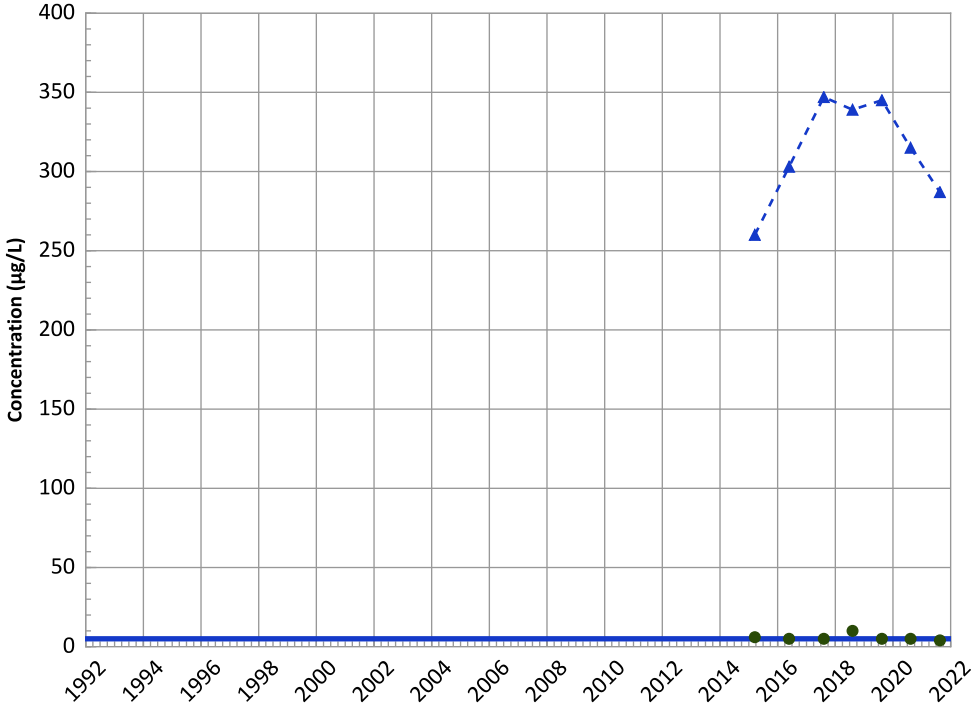


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Trichloroethene Trend



Concentration Trend

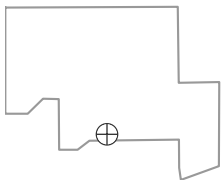
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

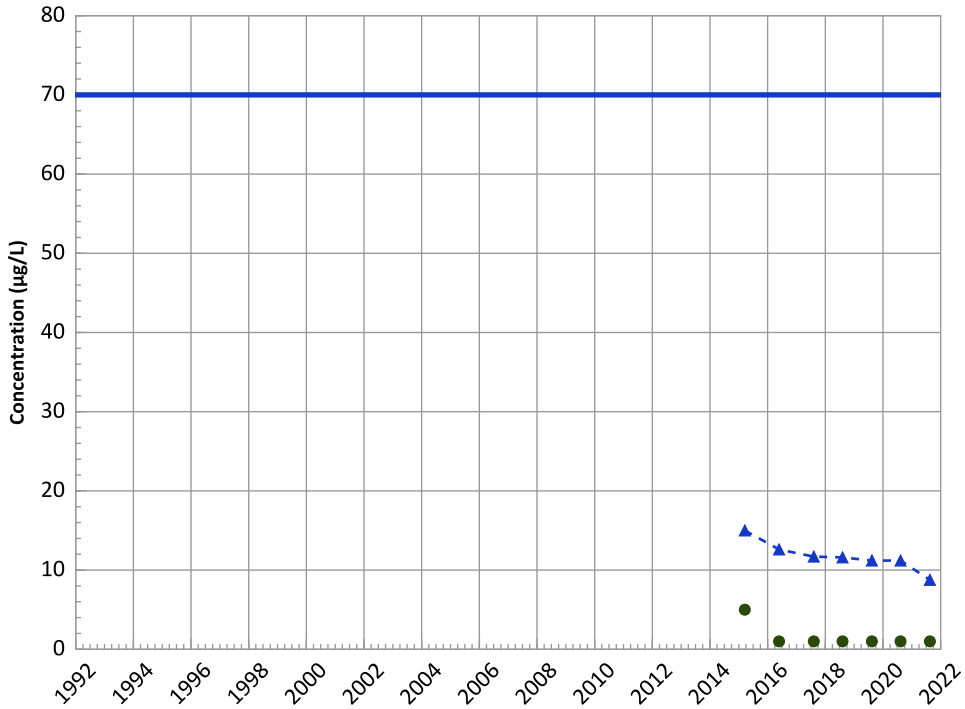
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

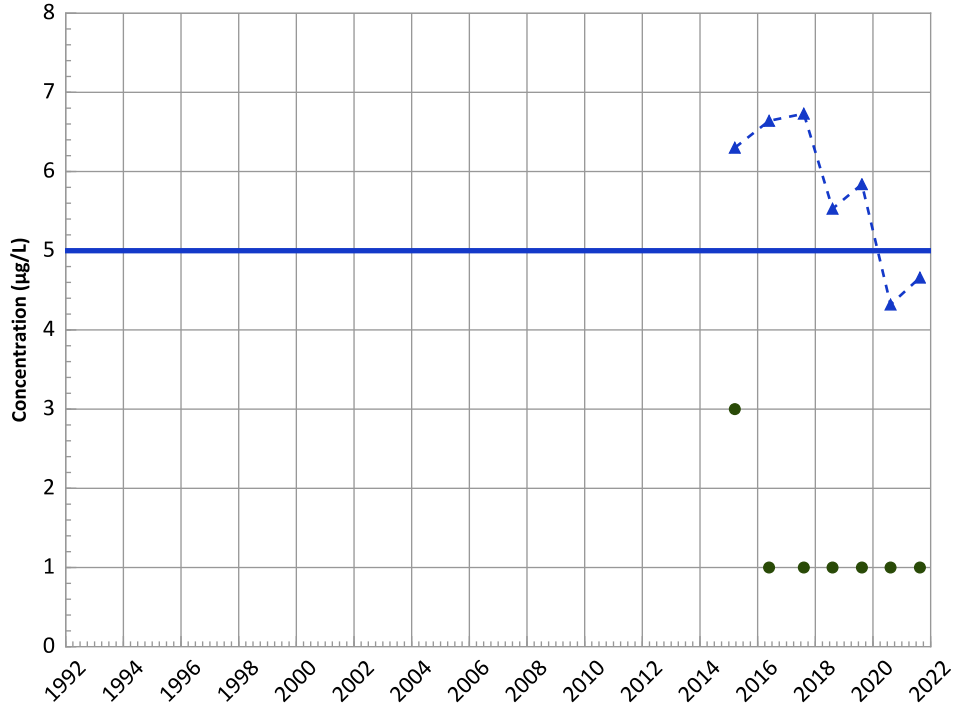


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

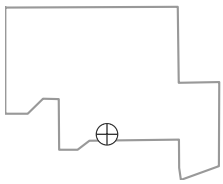
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

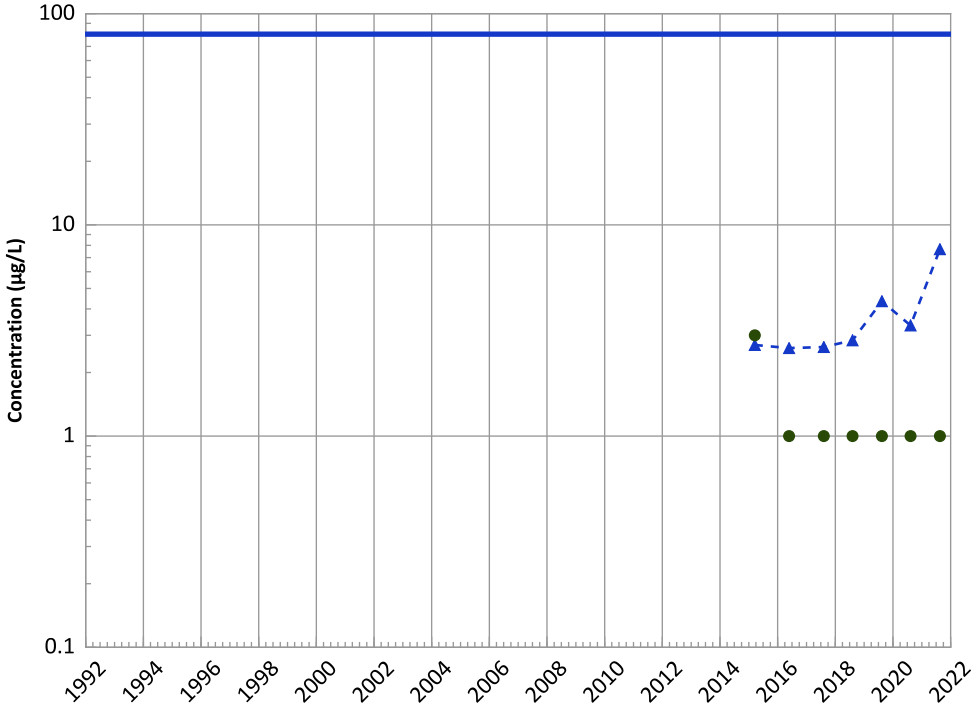
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

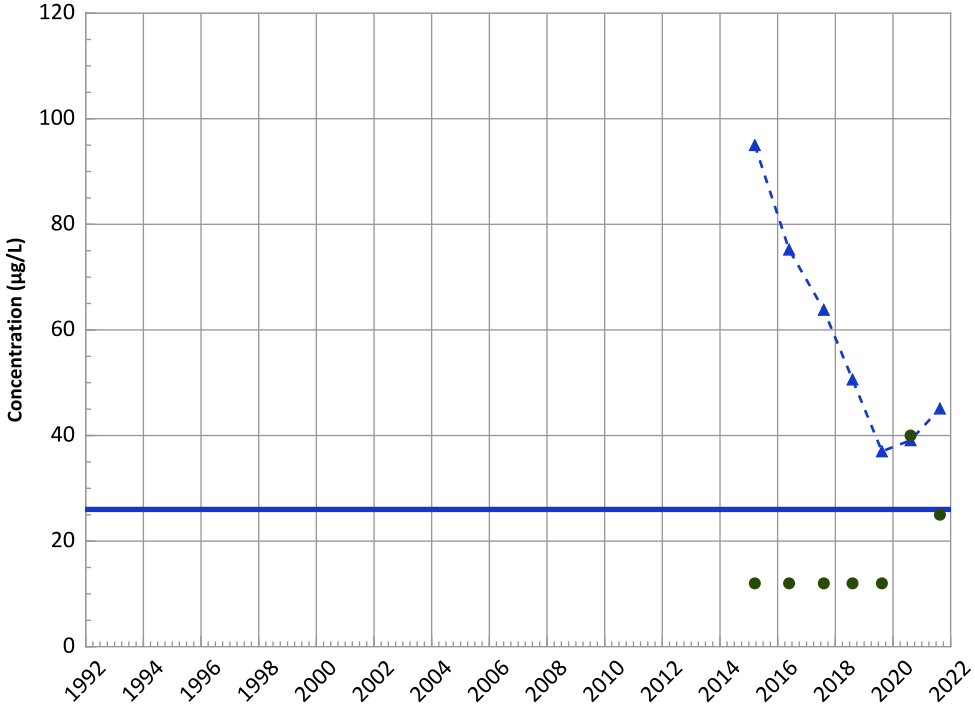


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Perchlorate Trend



Concentration Trend

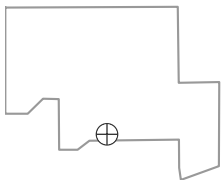
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

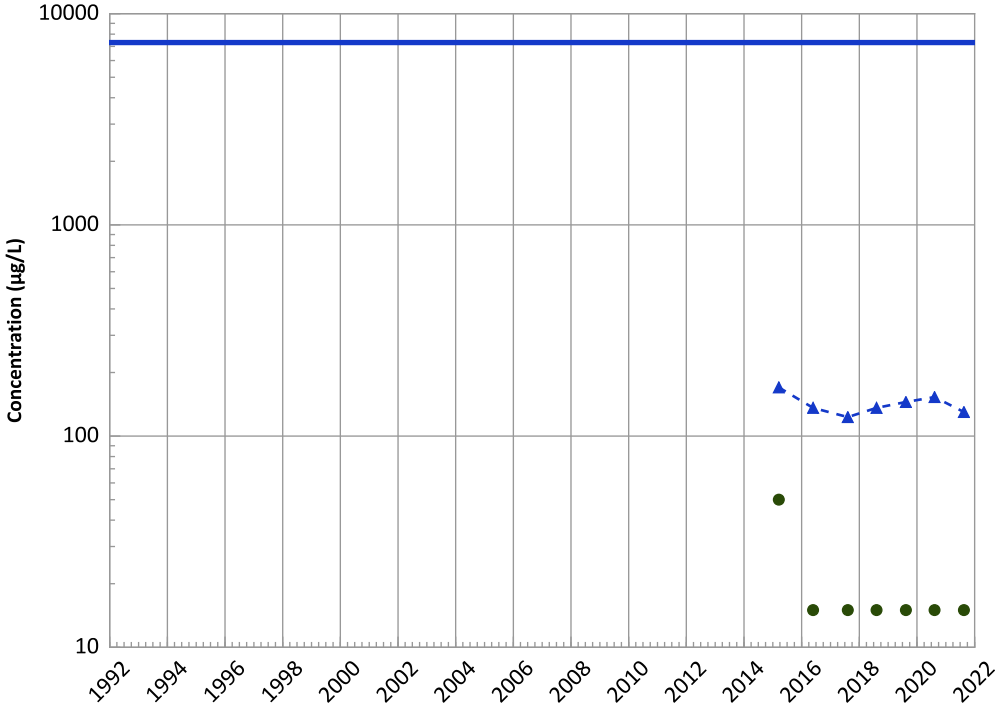
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1171 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

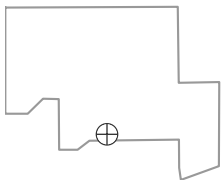
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

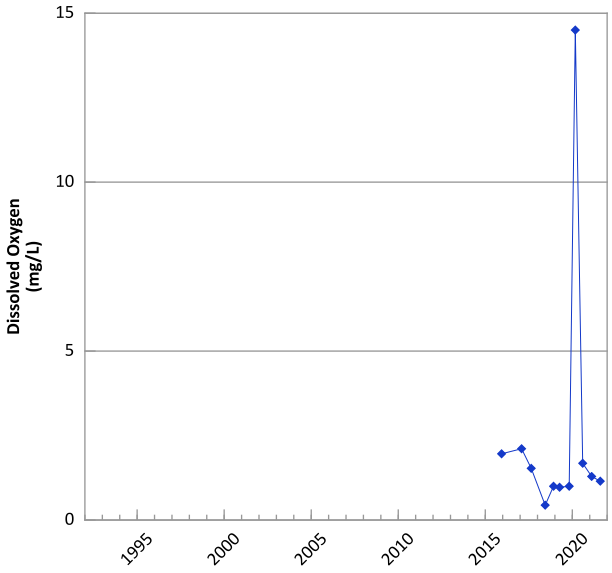
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/18/2015 to 08/18/2021
Analysis Date: 04/05/2022

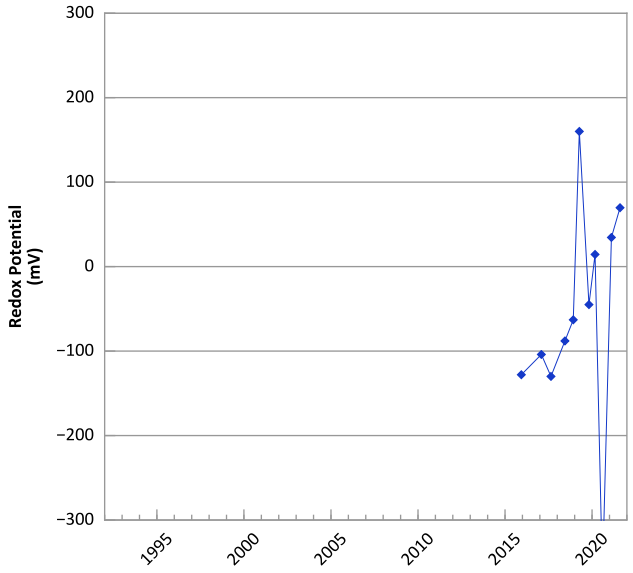
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

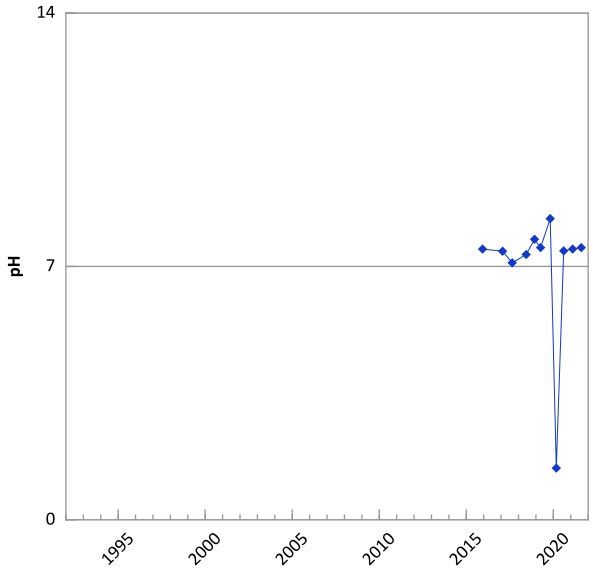
Well Location

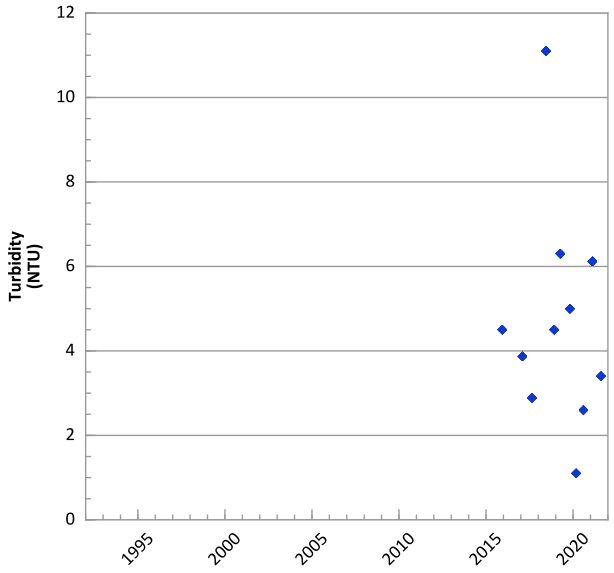


PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



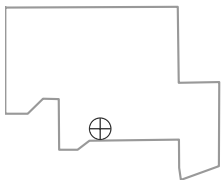






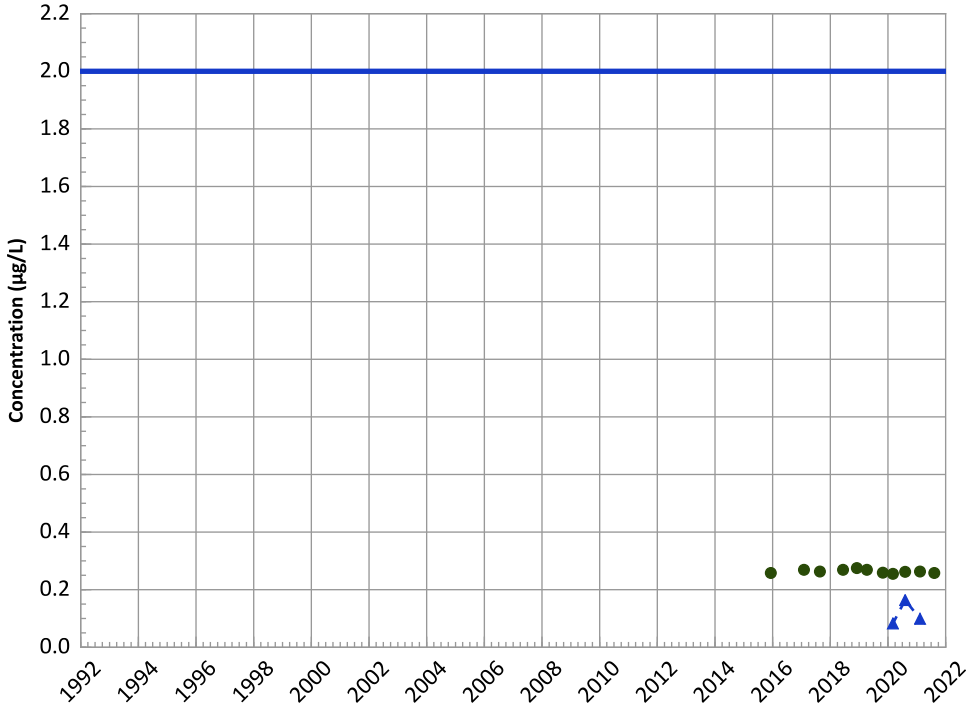
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

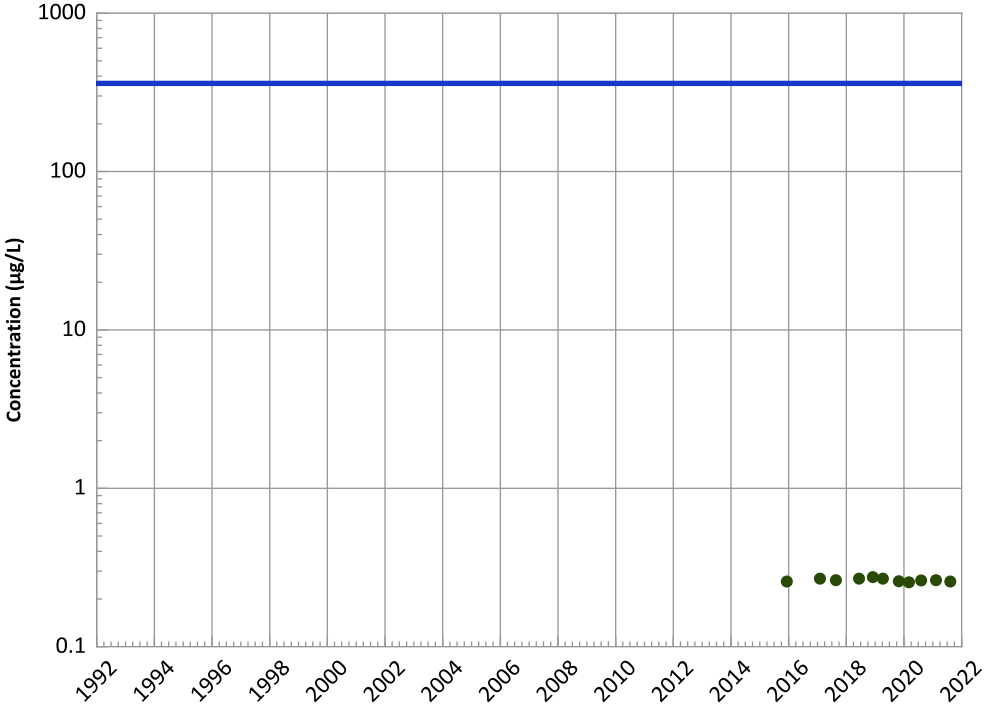


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

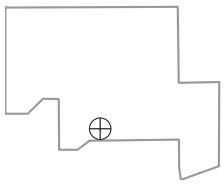
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

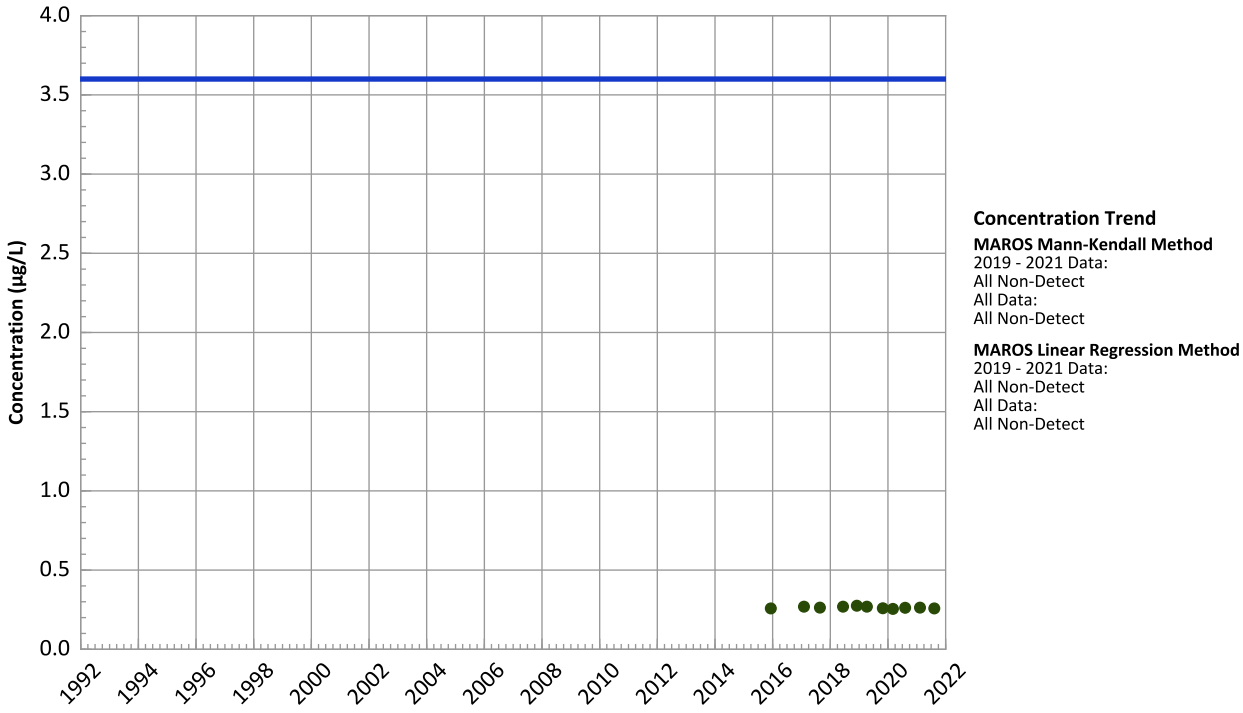
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

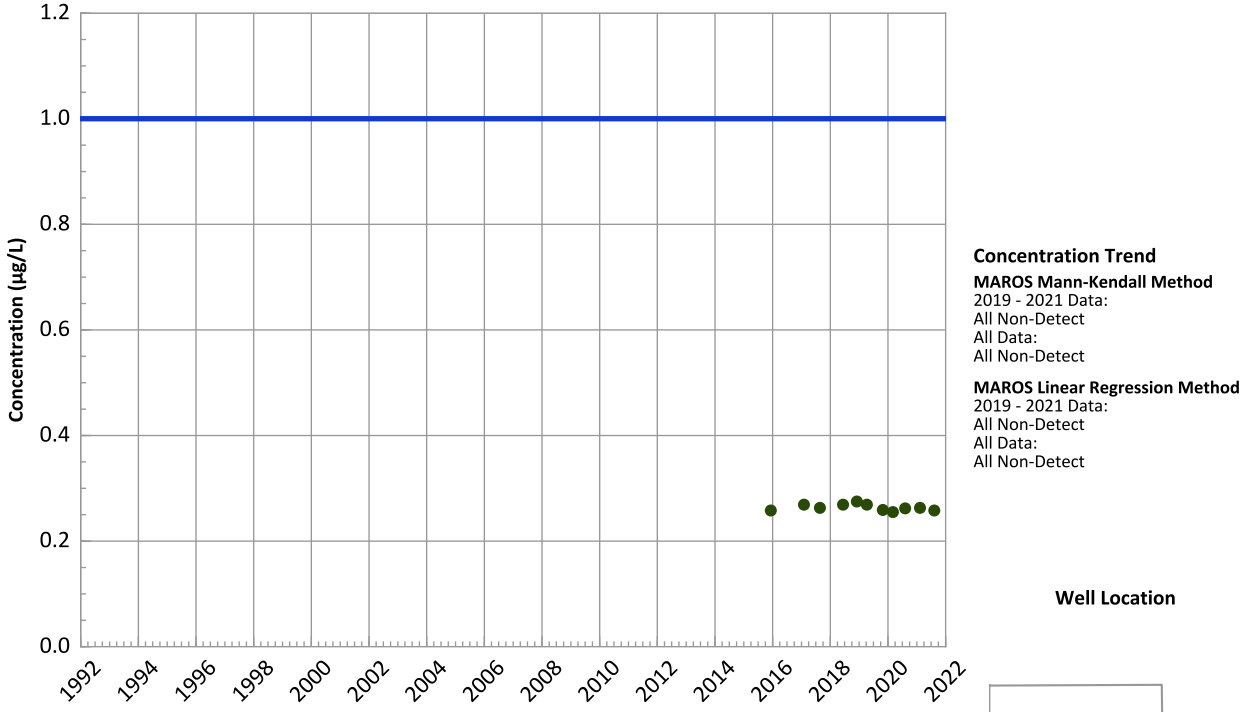


PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



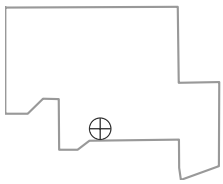
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

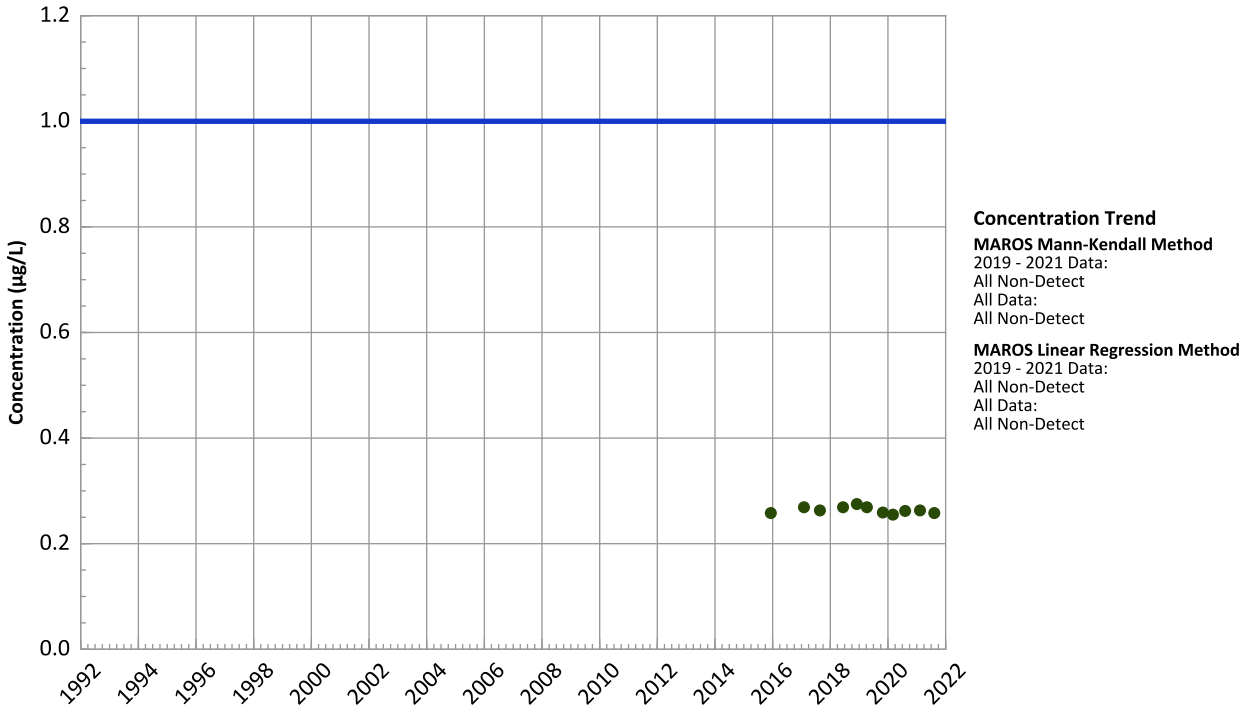
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

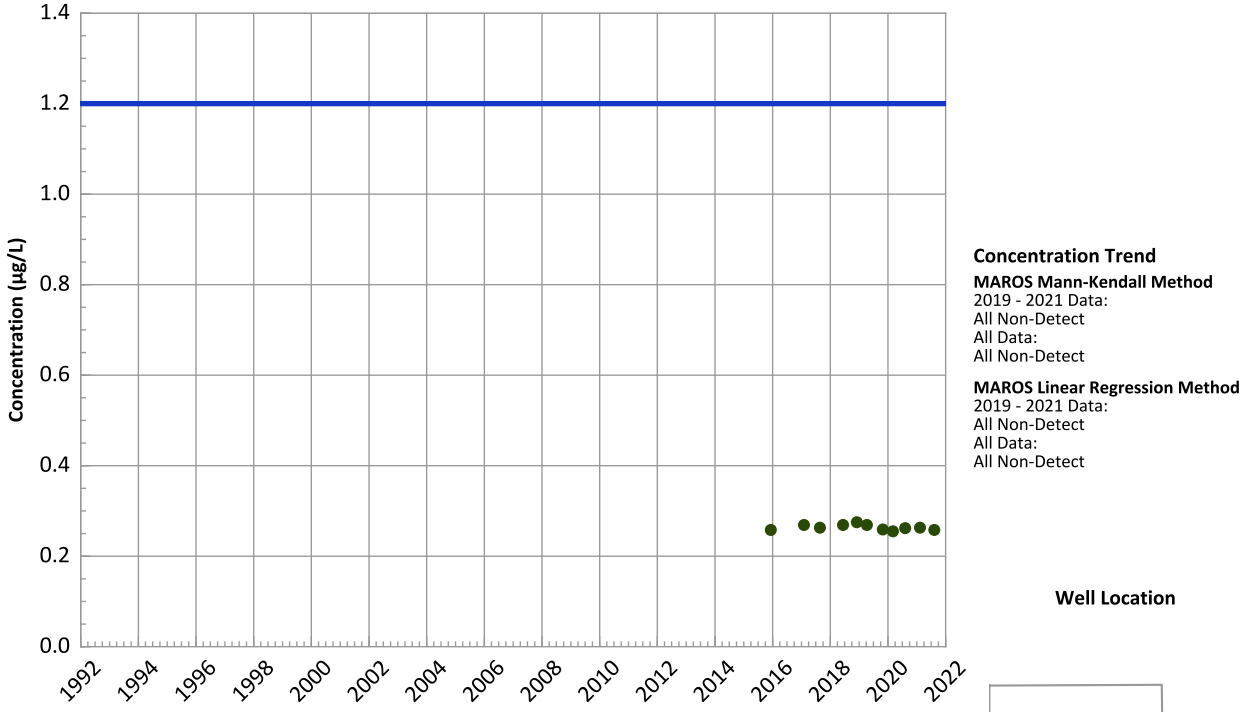


PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



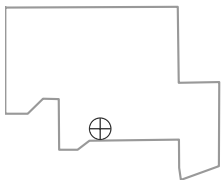
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

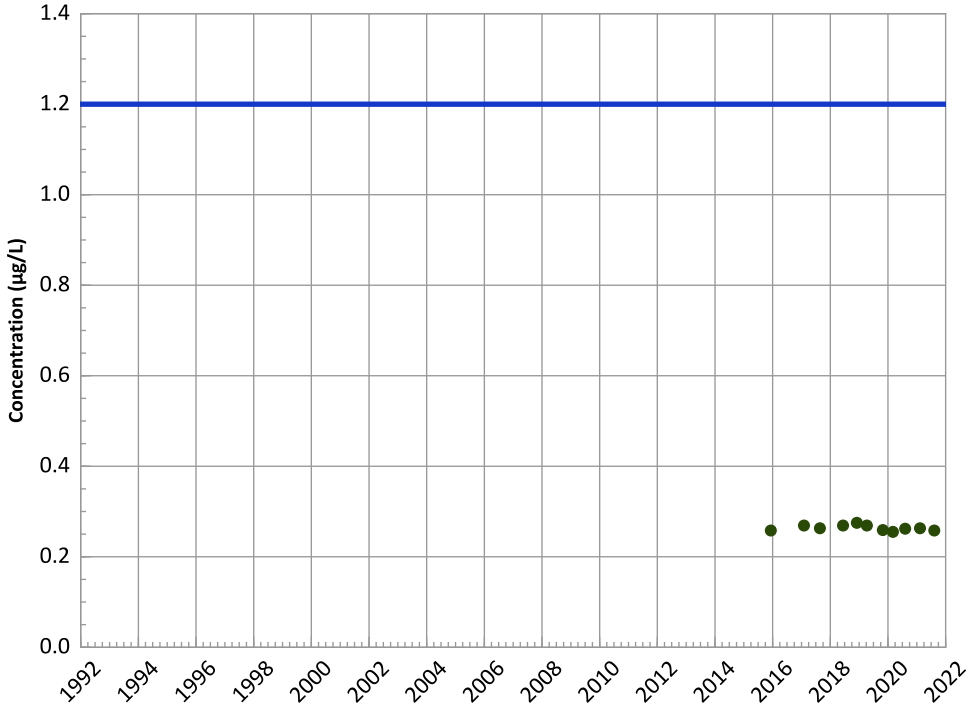
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

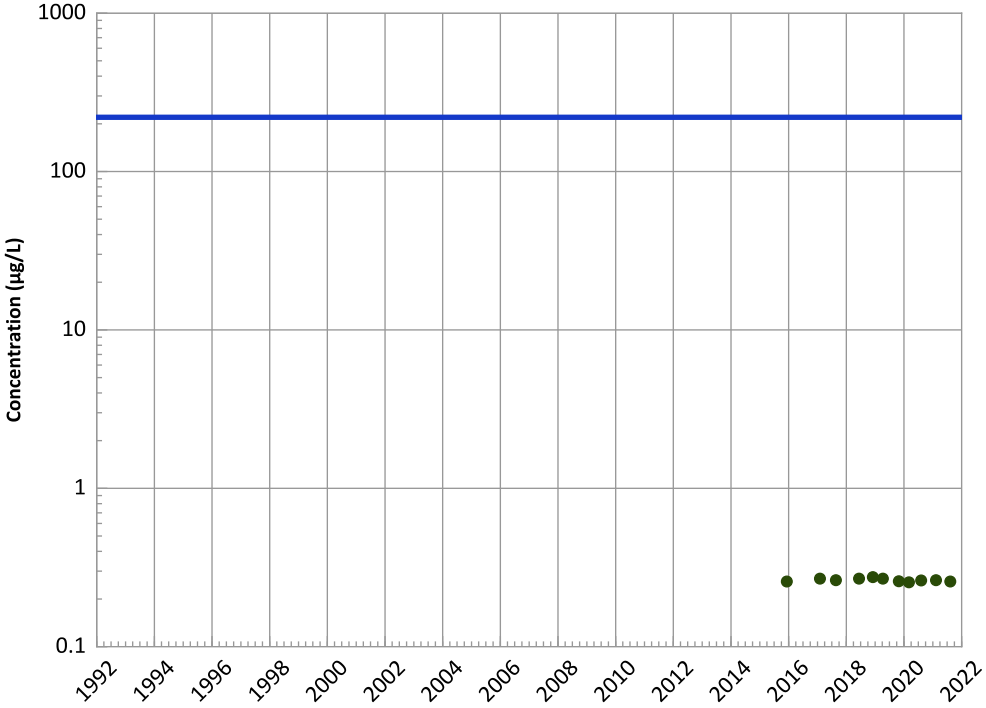


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

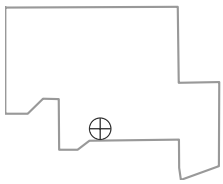
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

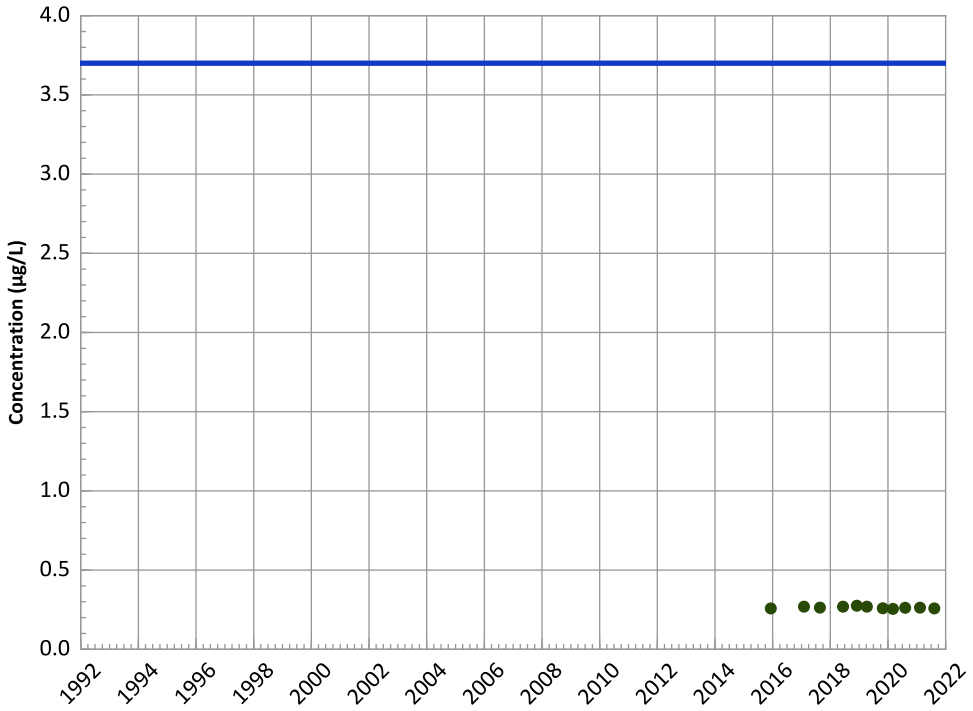
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

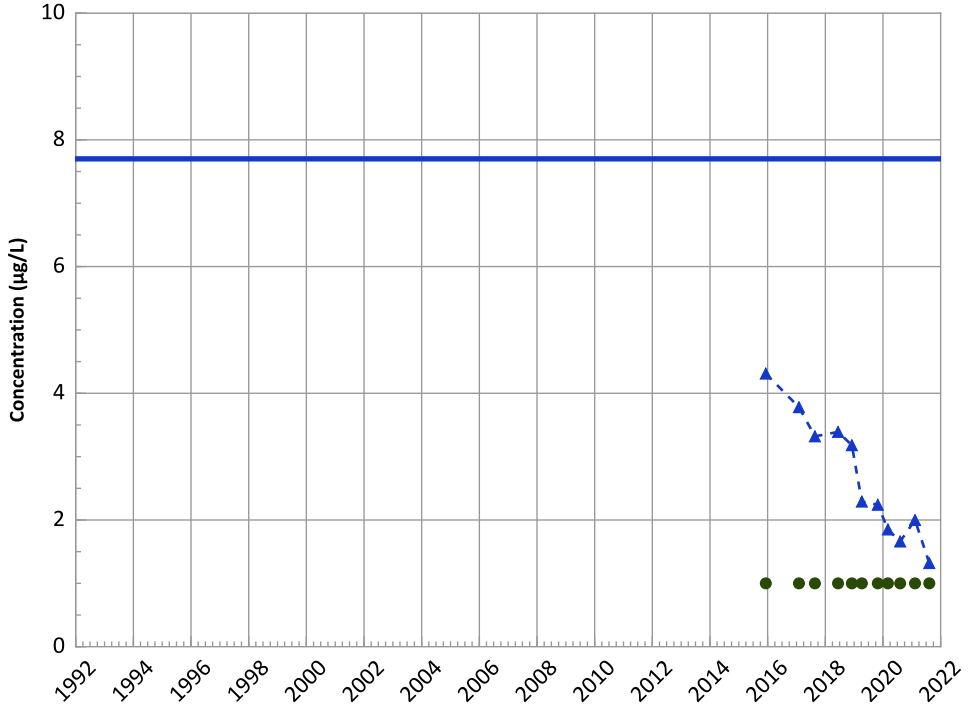


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

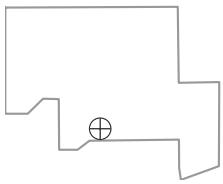
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

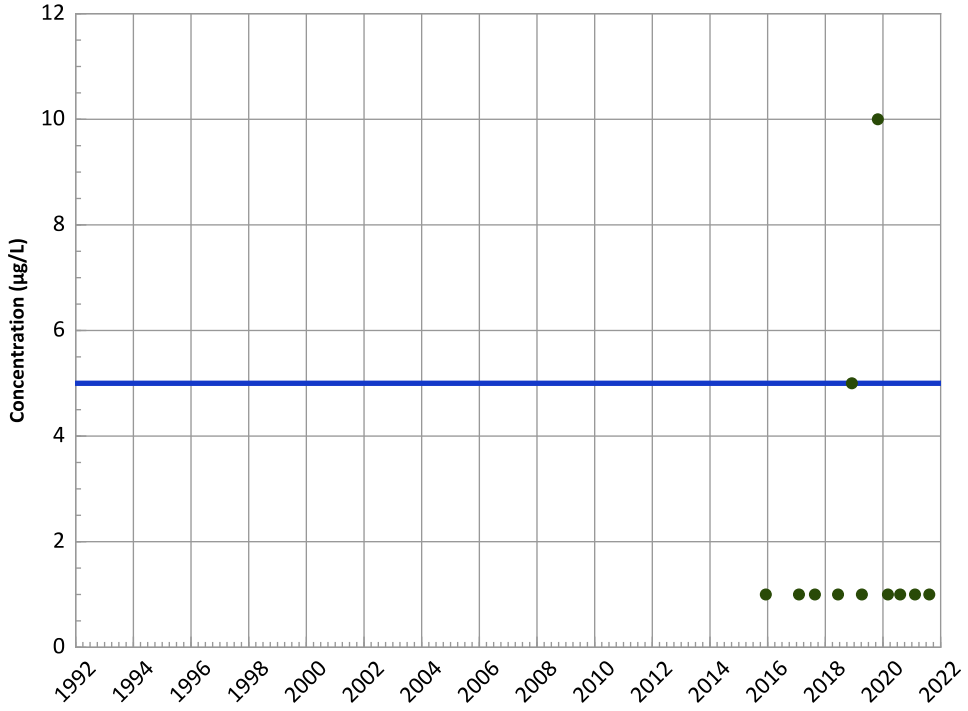
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

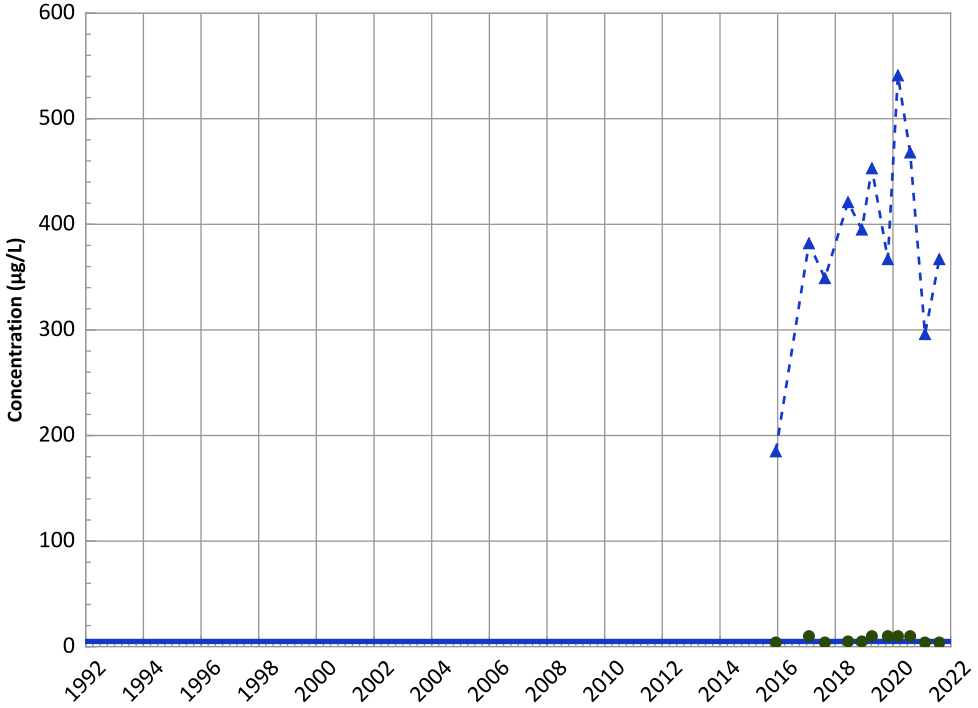


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

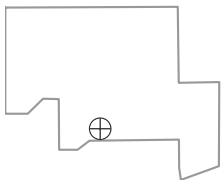
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

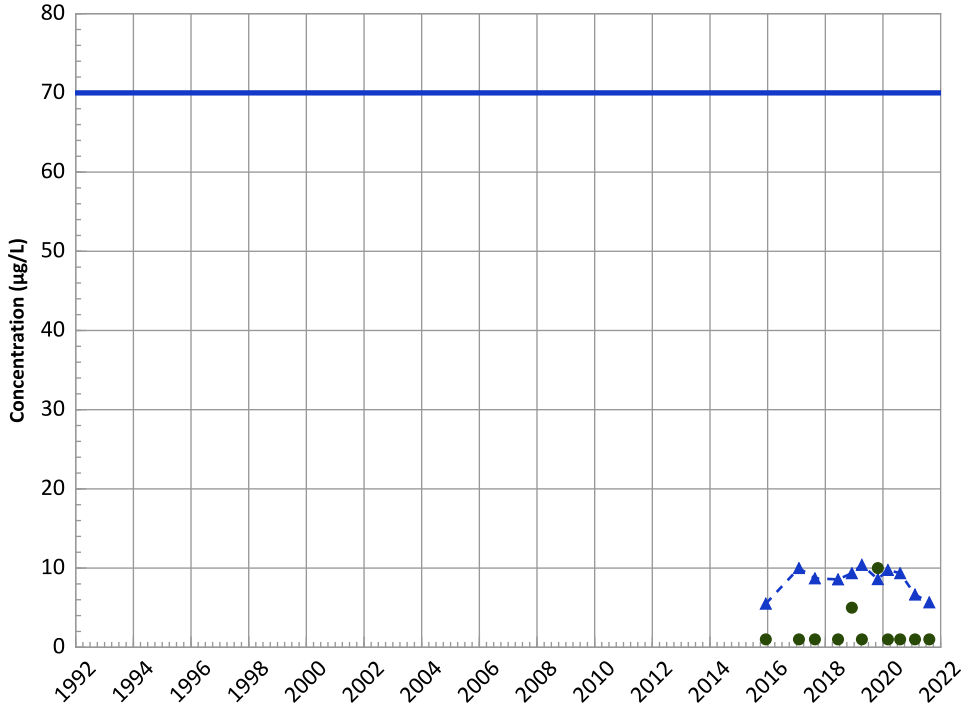
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

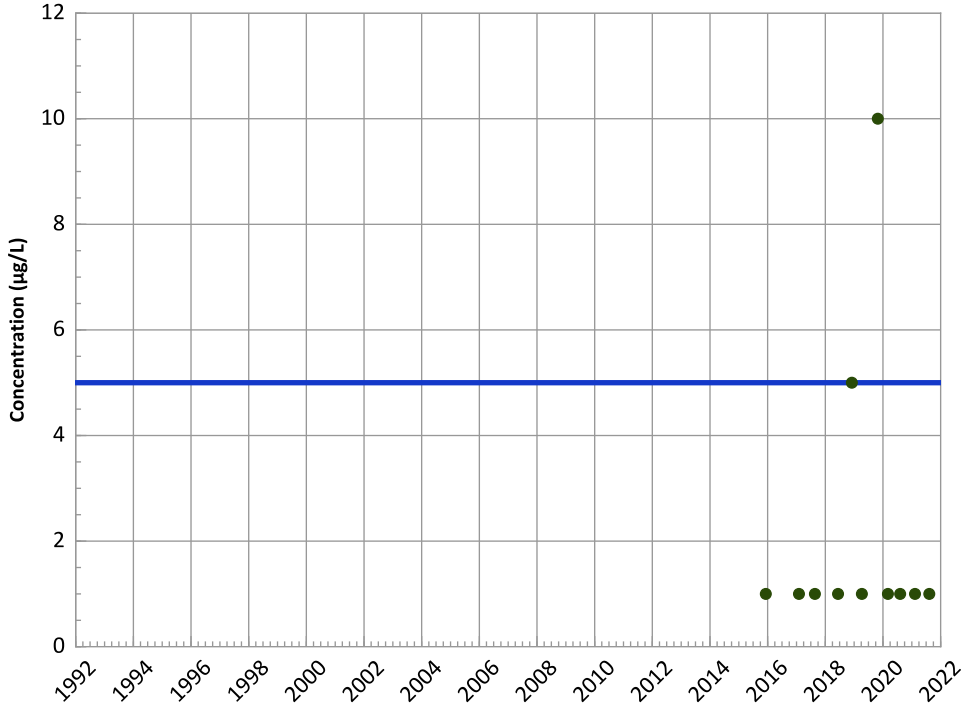


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

1,2-Dichloroethane Trend



Concentration Trend

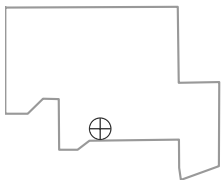
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

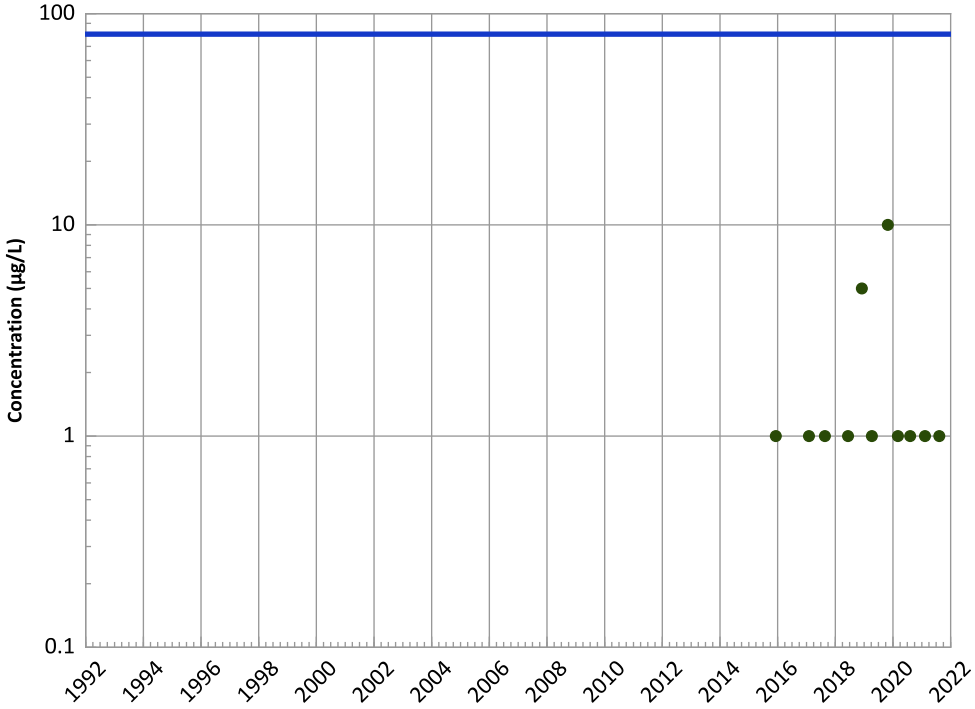
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

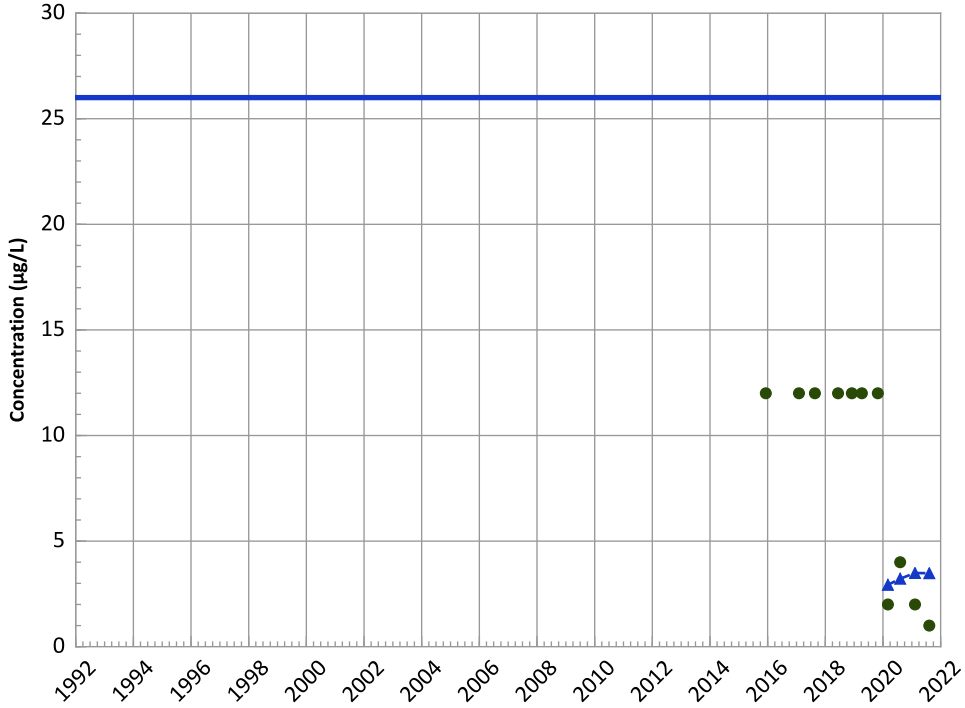


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

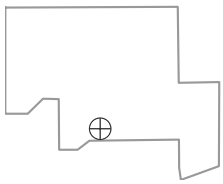
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

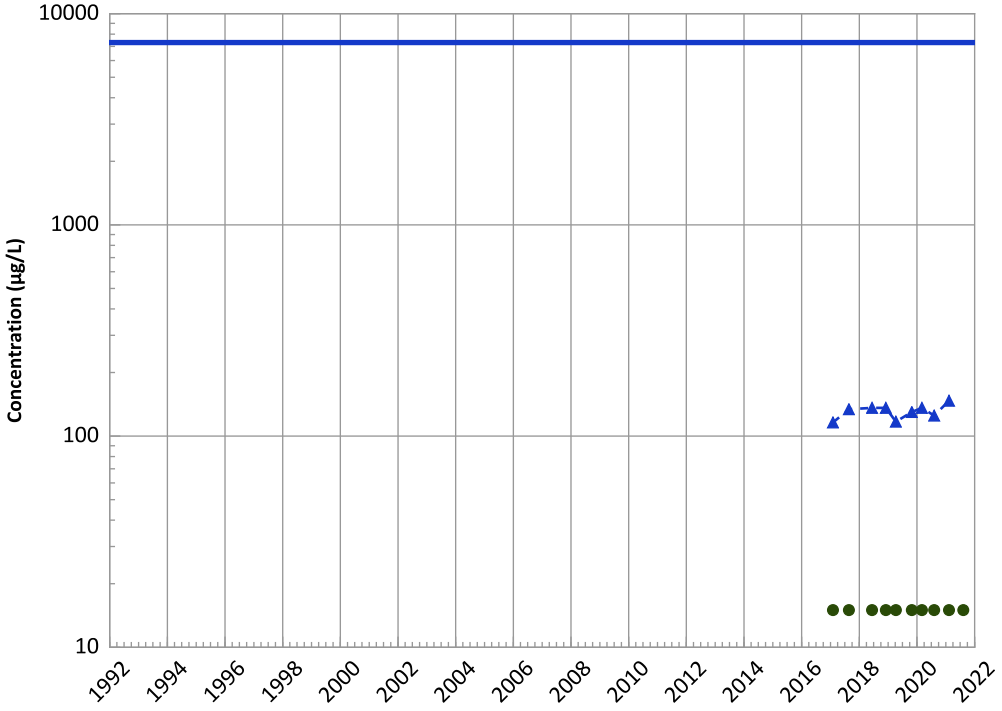
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1180 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

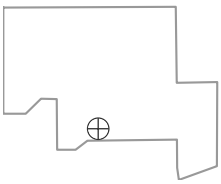
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

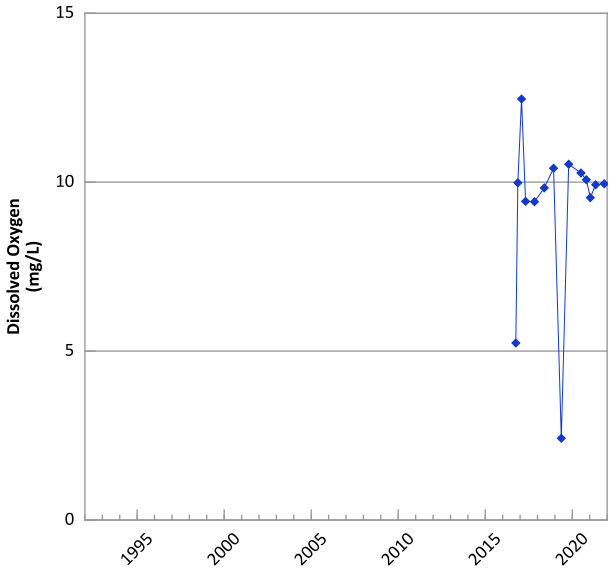
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/09/2015 to 08/10/2021
Analysis Date: 04/05/2022

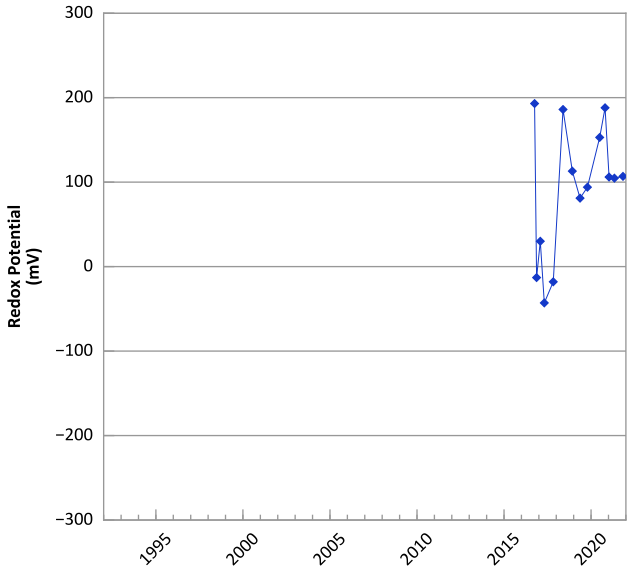
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

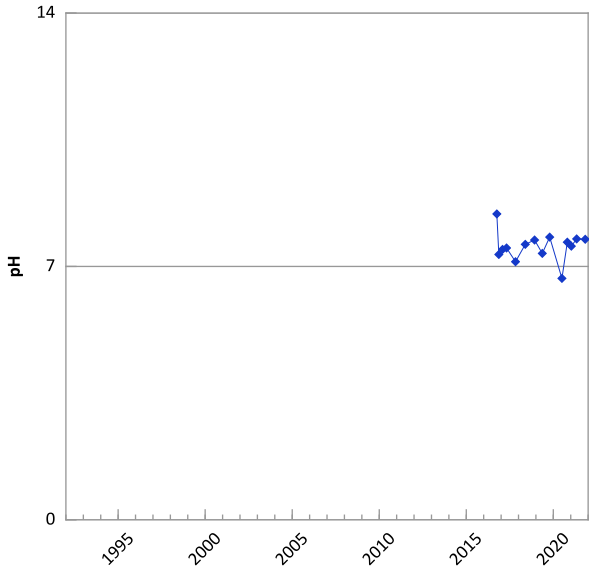
Well Location

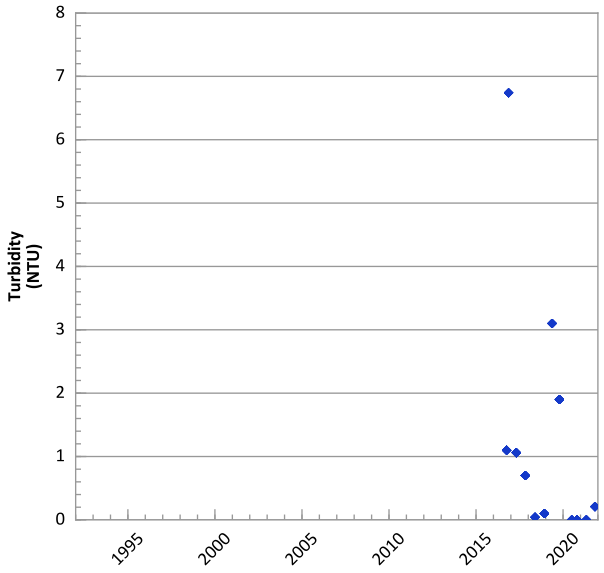


PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



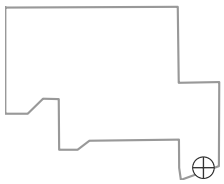






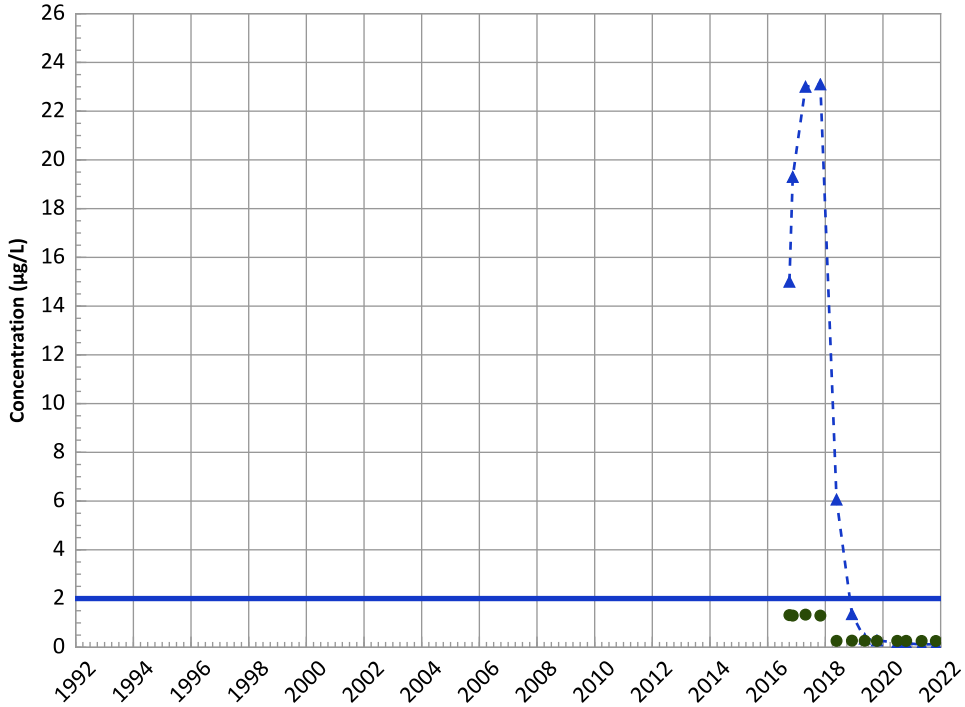
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

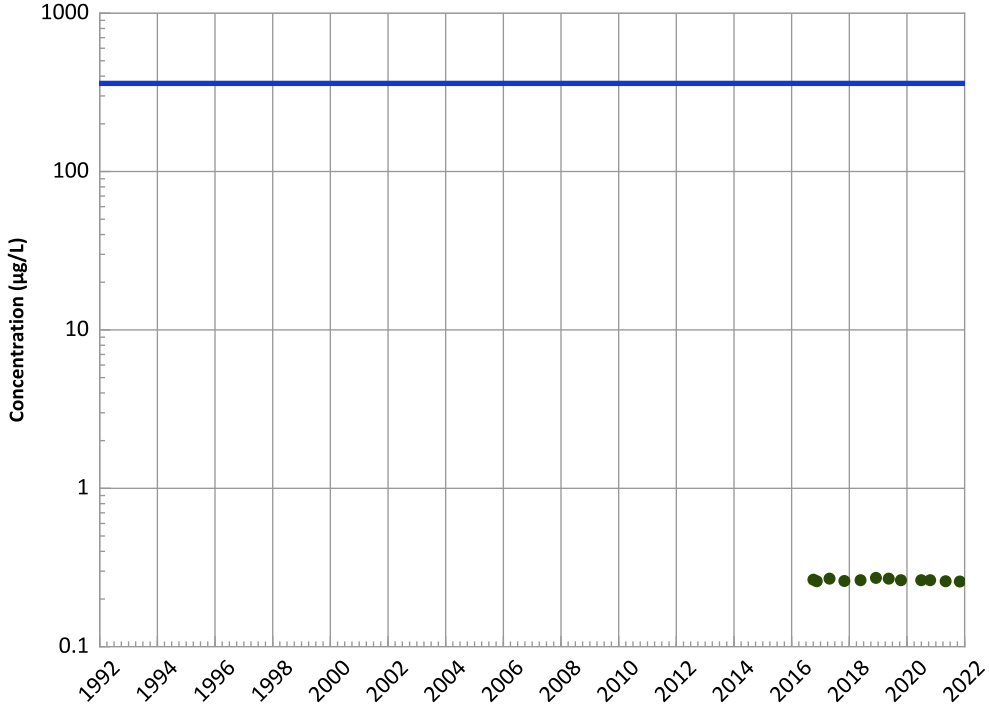


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

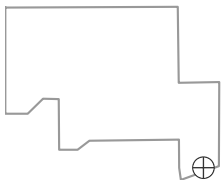
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

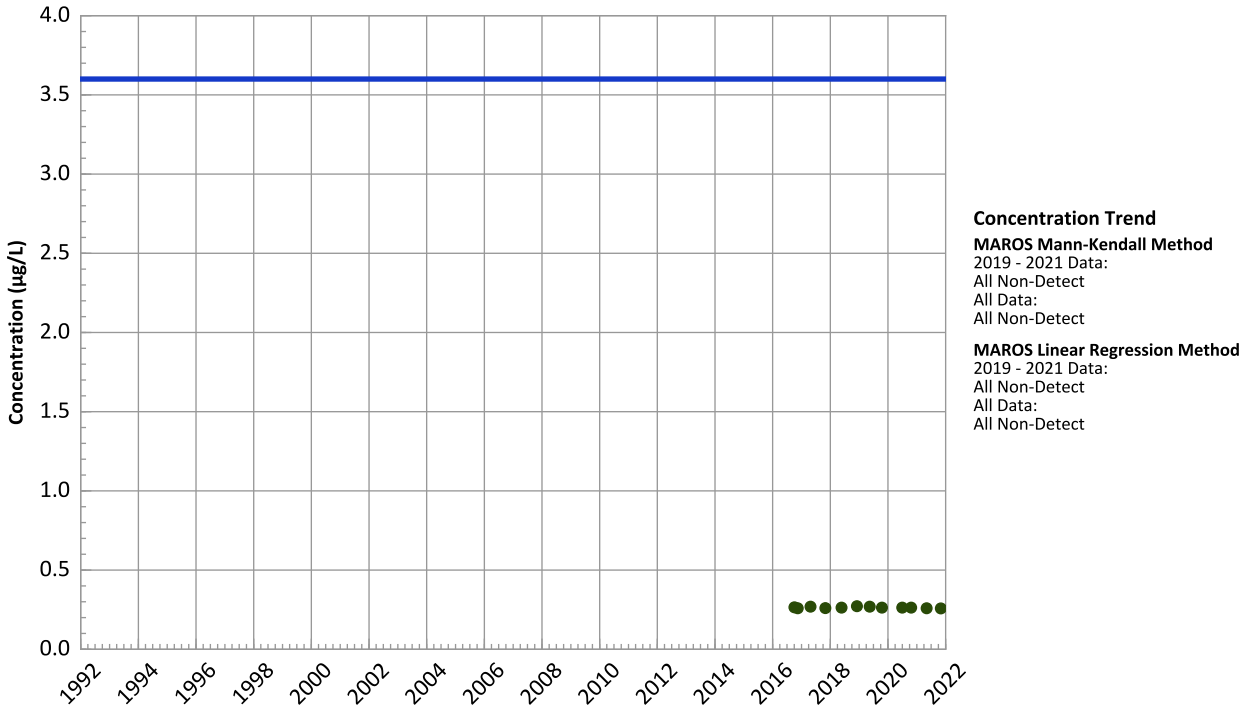
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

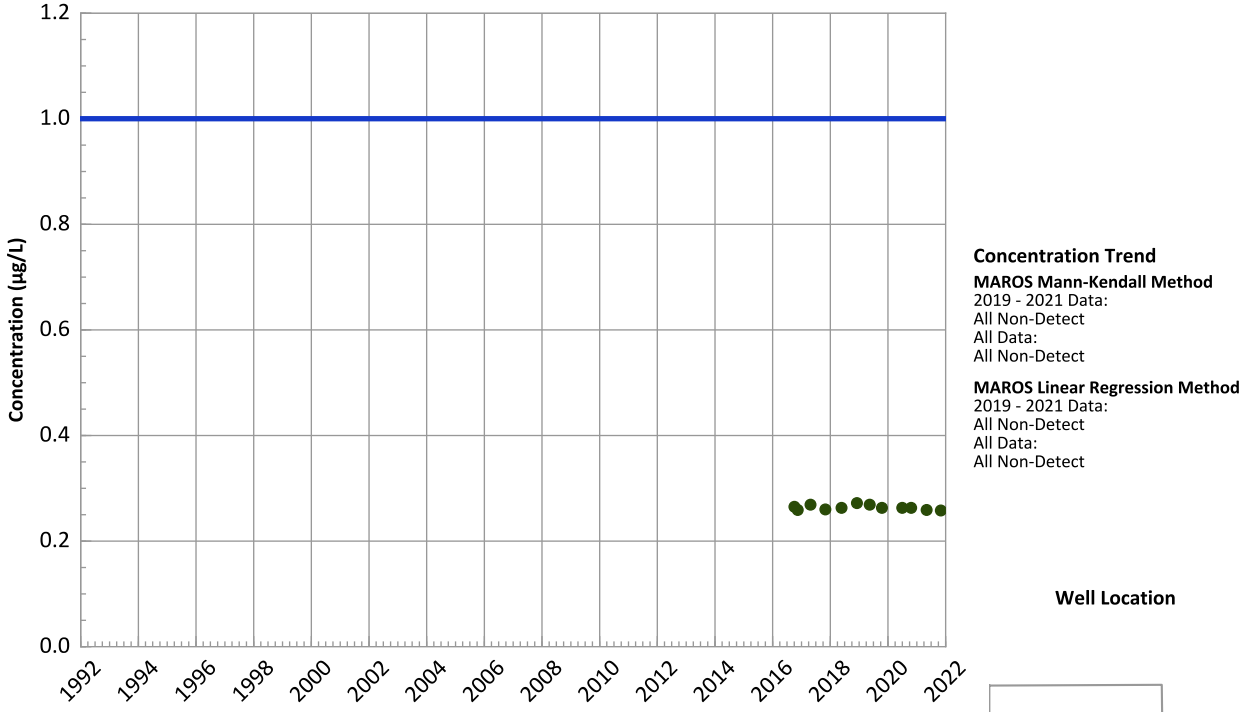


PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



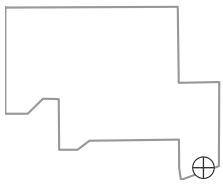
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

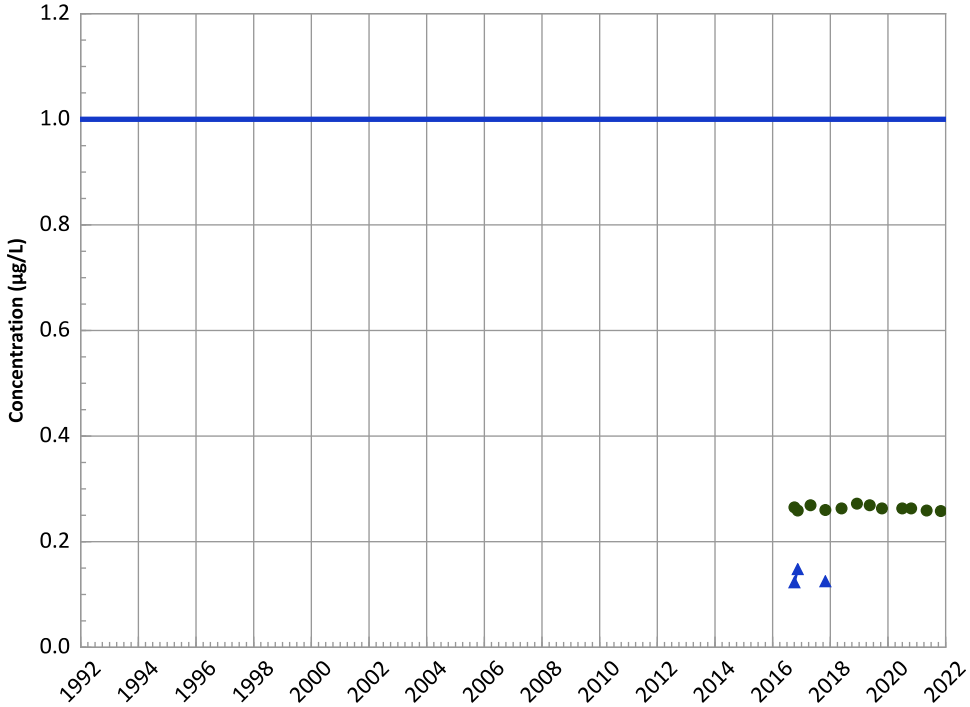
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

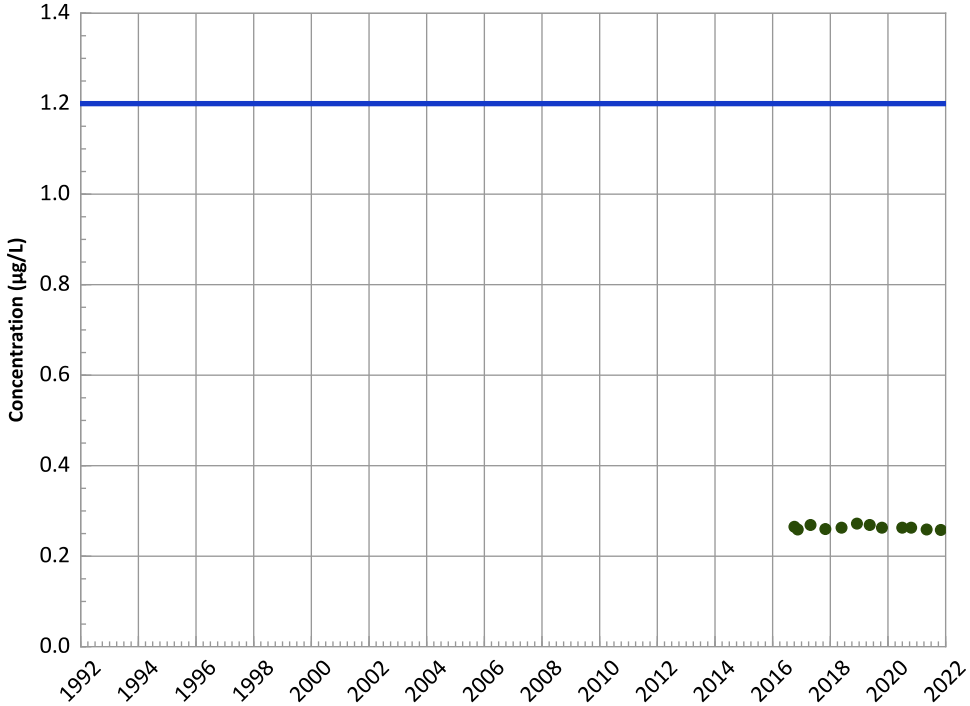


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

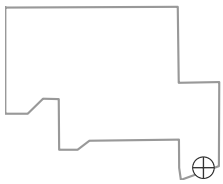
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

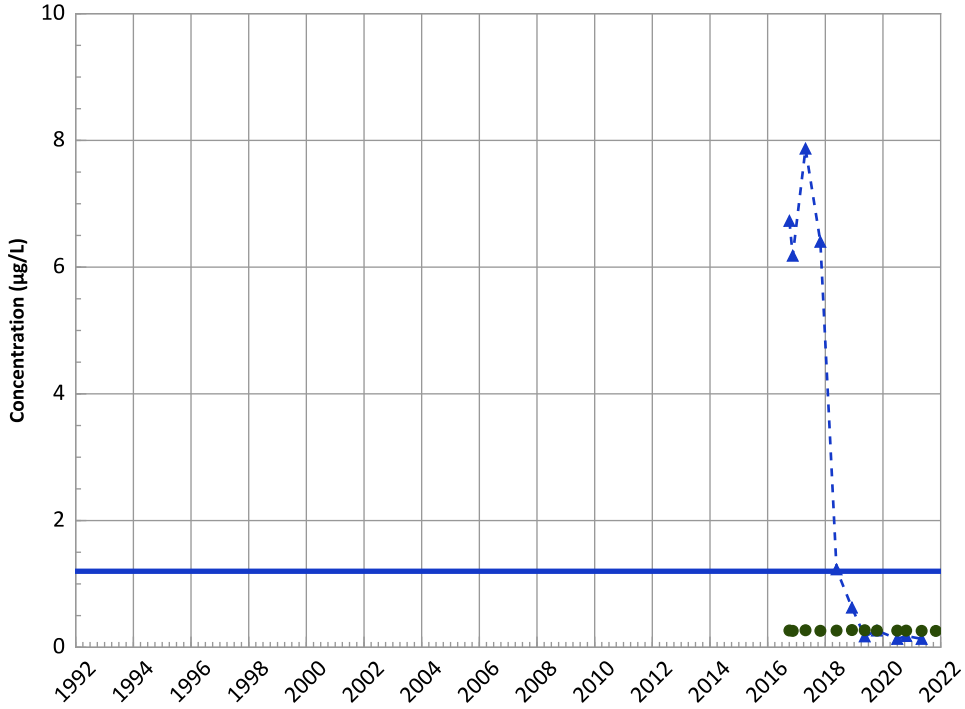
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

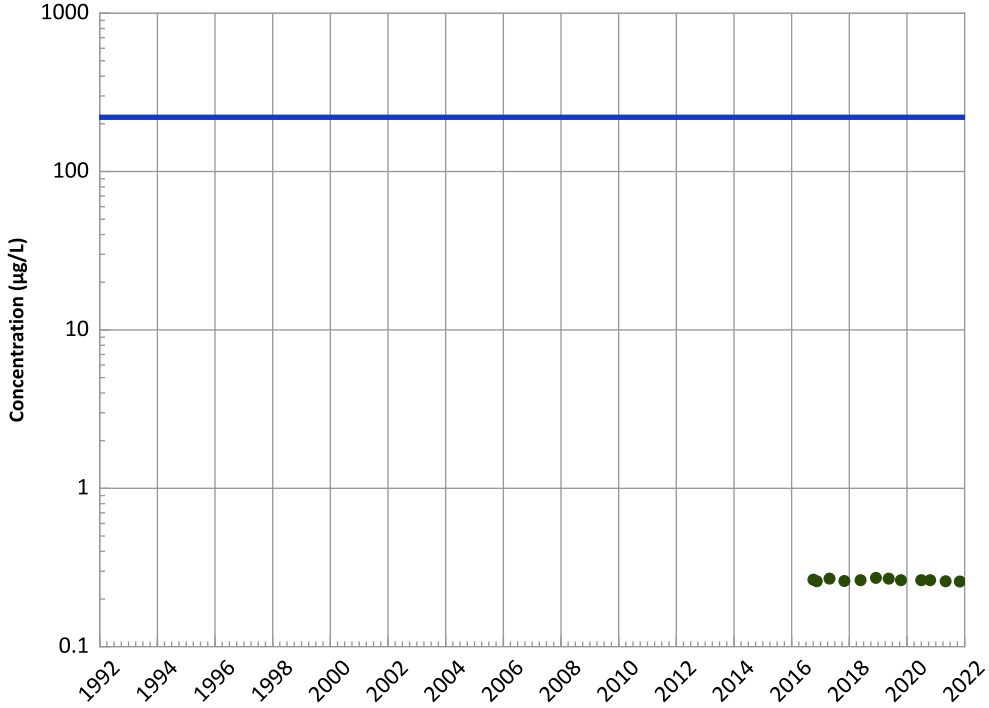


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

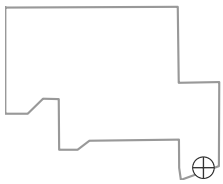
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

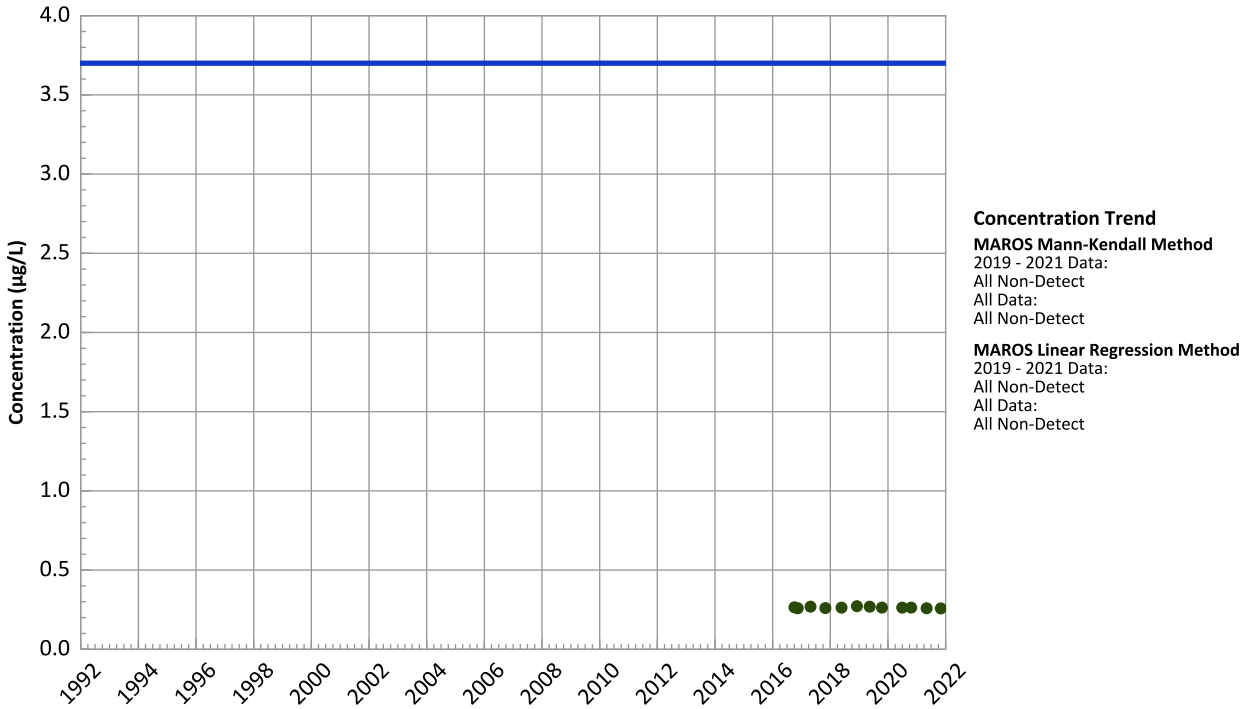
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

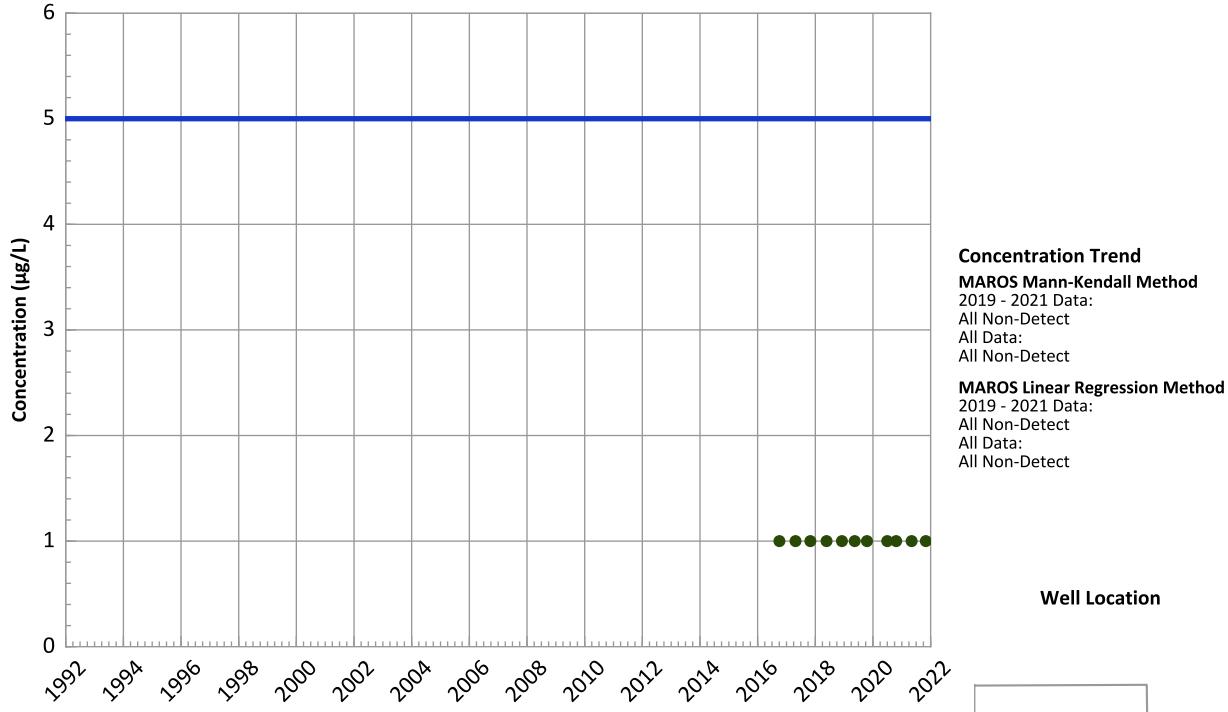


PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



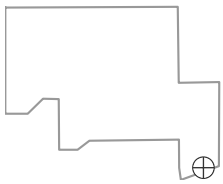
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

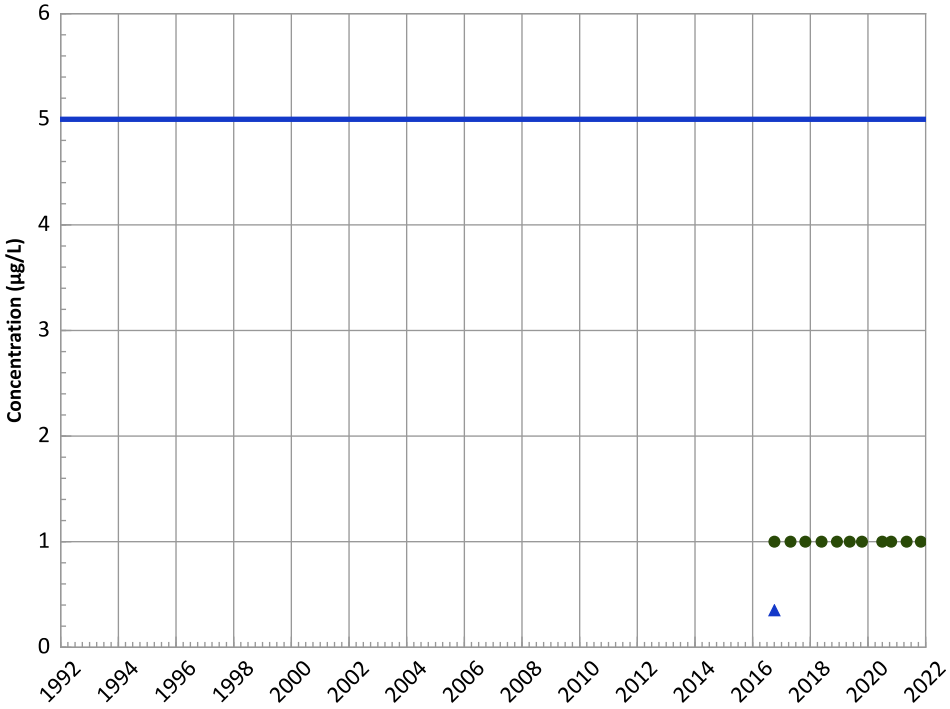
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

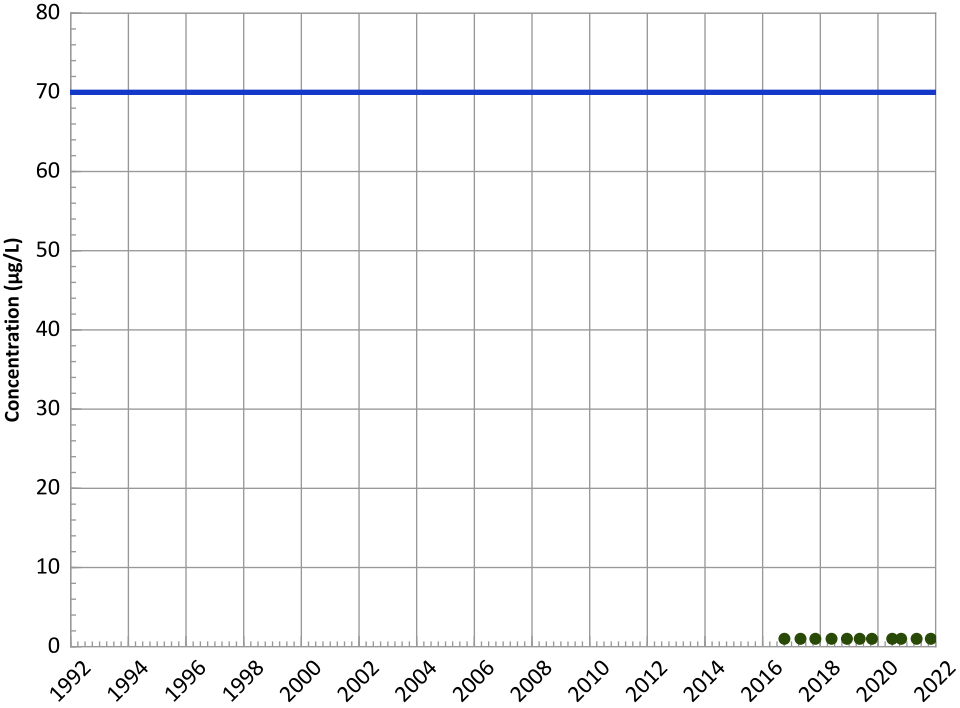


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

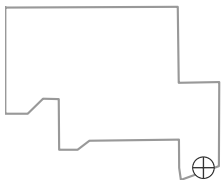
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

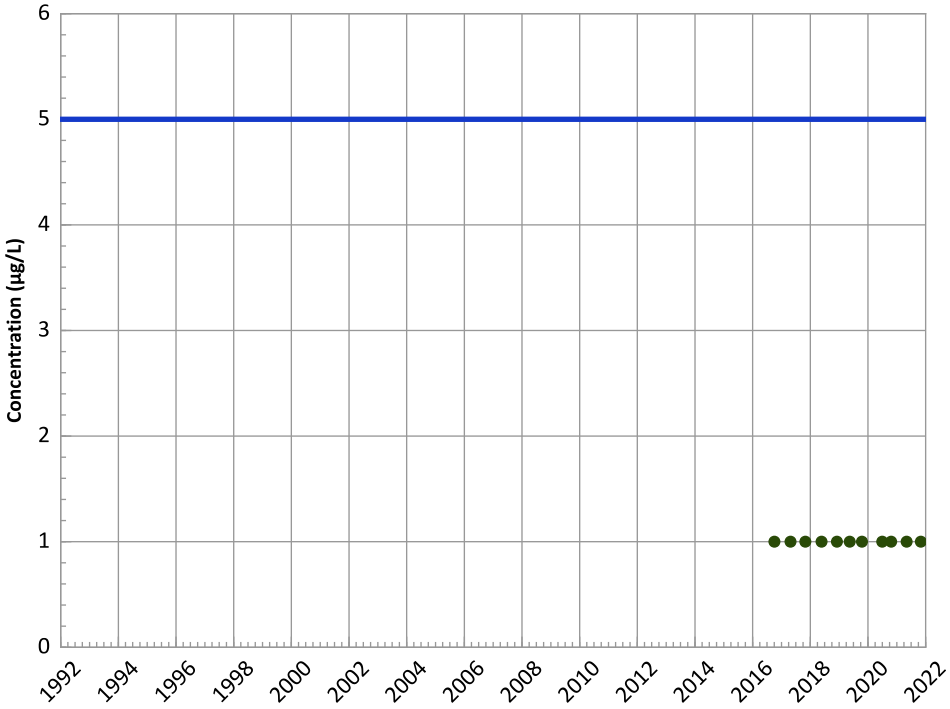
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

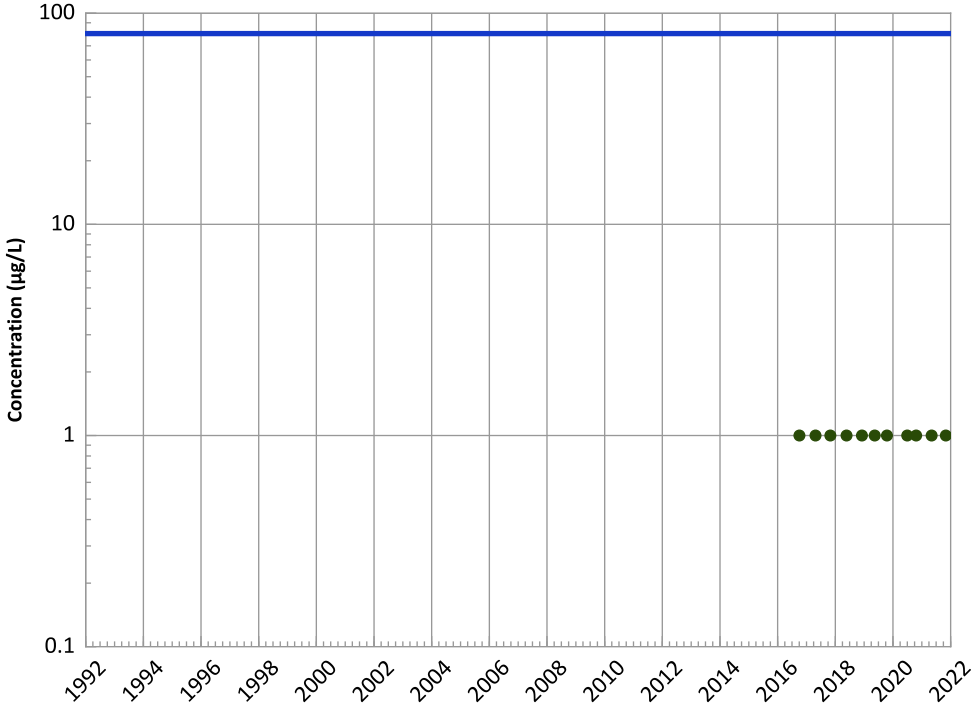


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

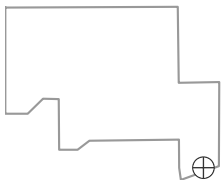
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

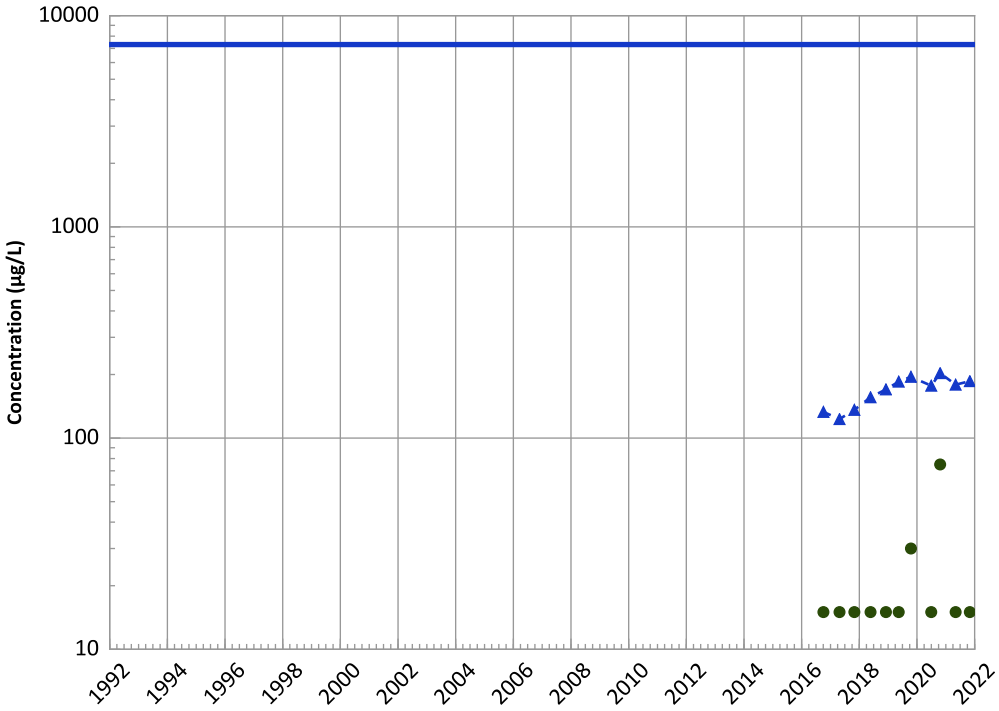
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

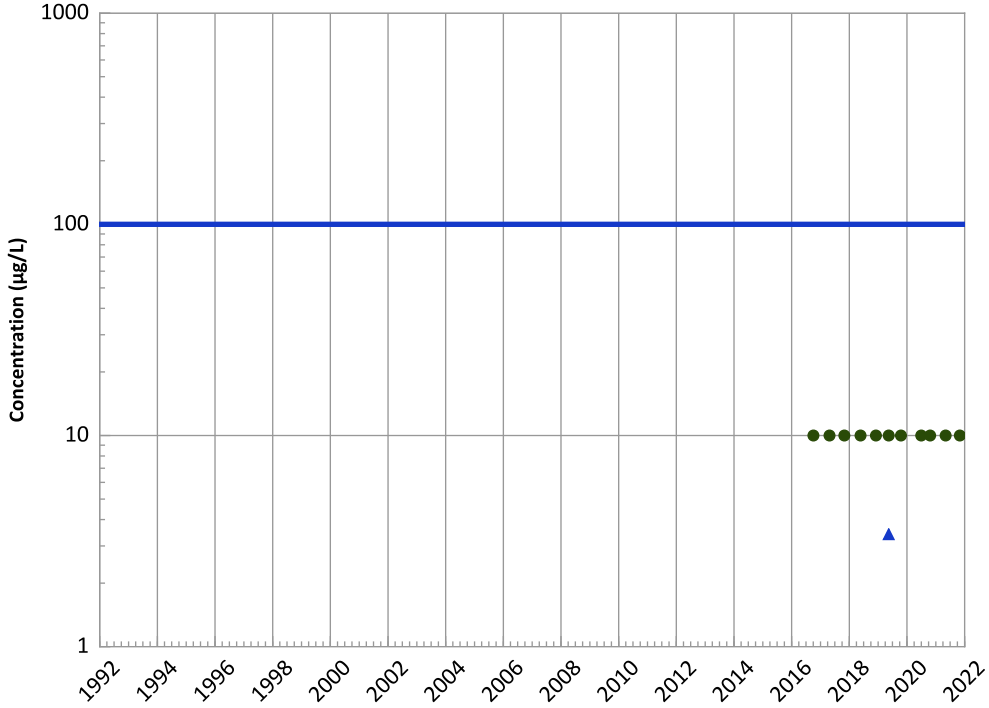


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

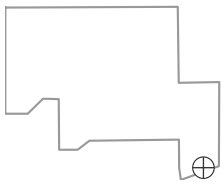
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

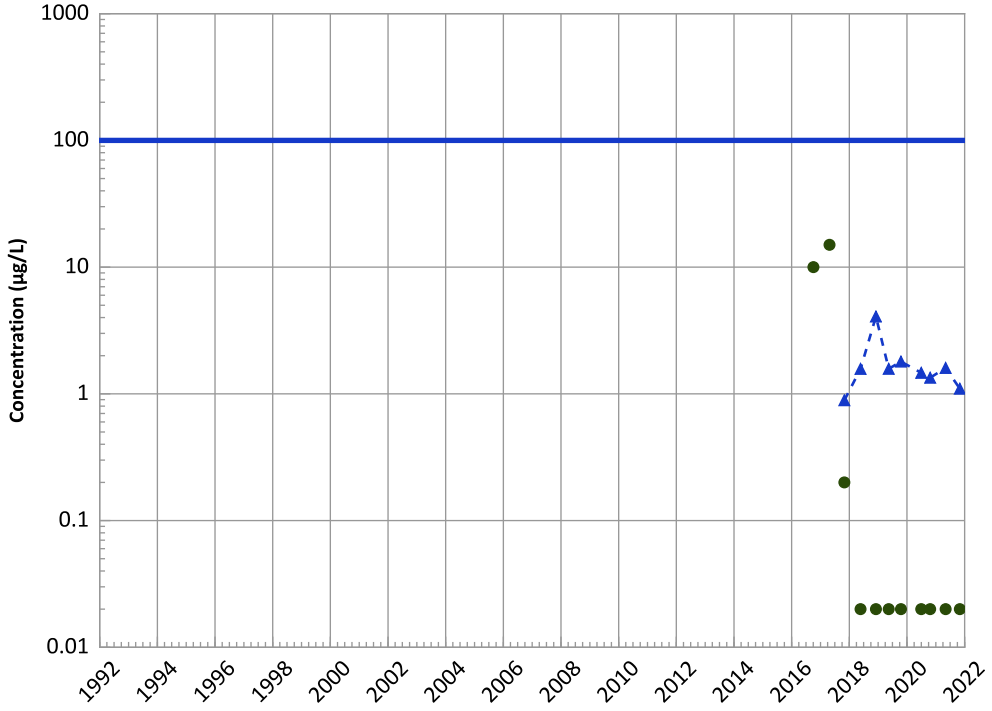
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1182 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

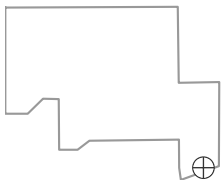
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

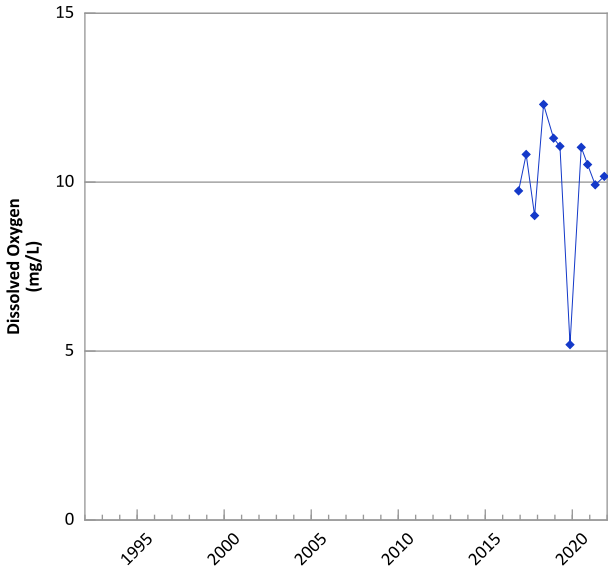
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/03/2016 to 11/01/2021
Analysis Date: 04/05/2022

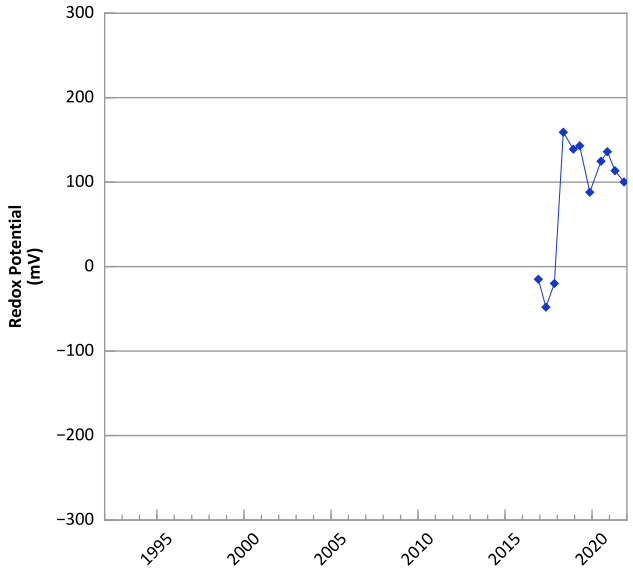
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

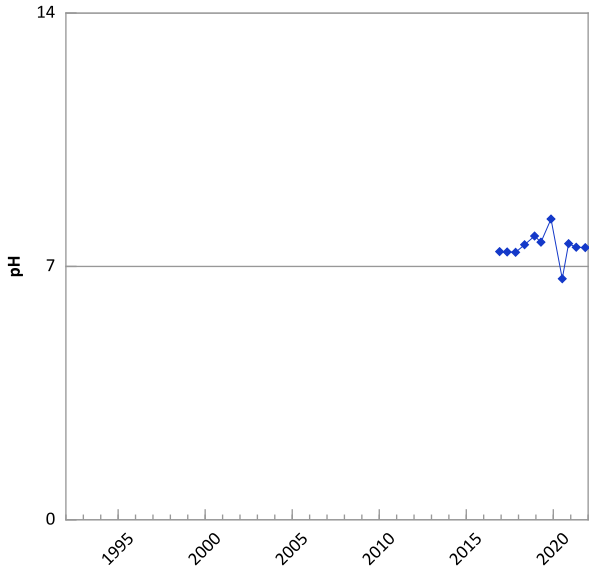
Well Location

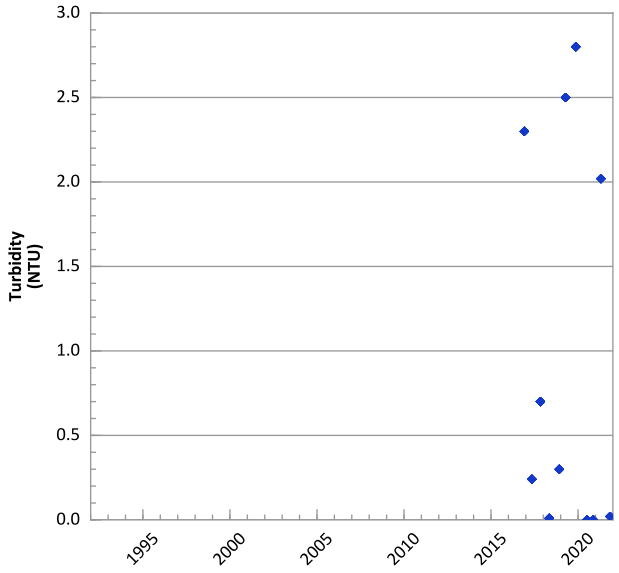


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



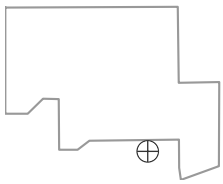






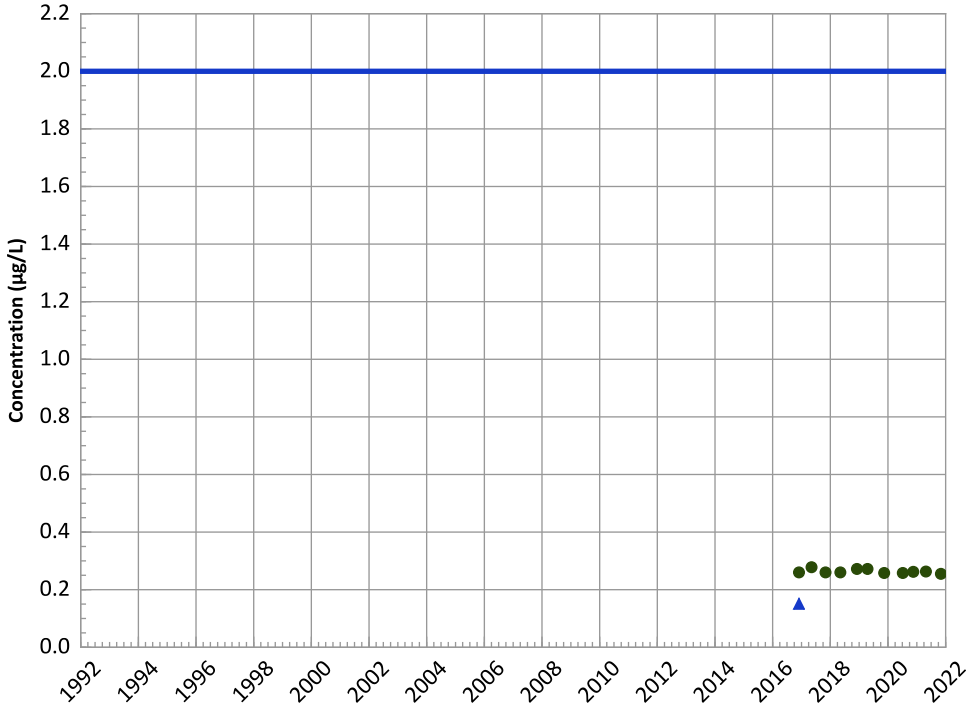
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

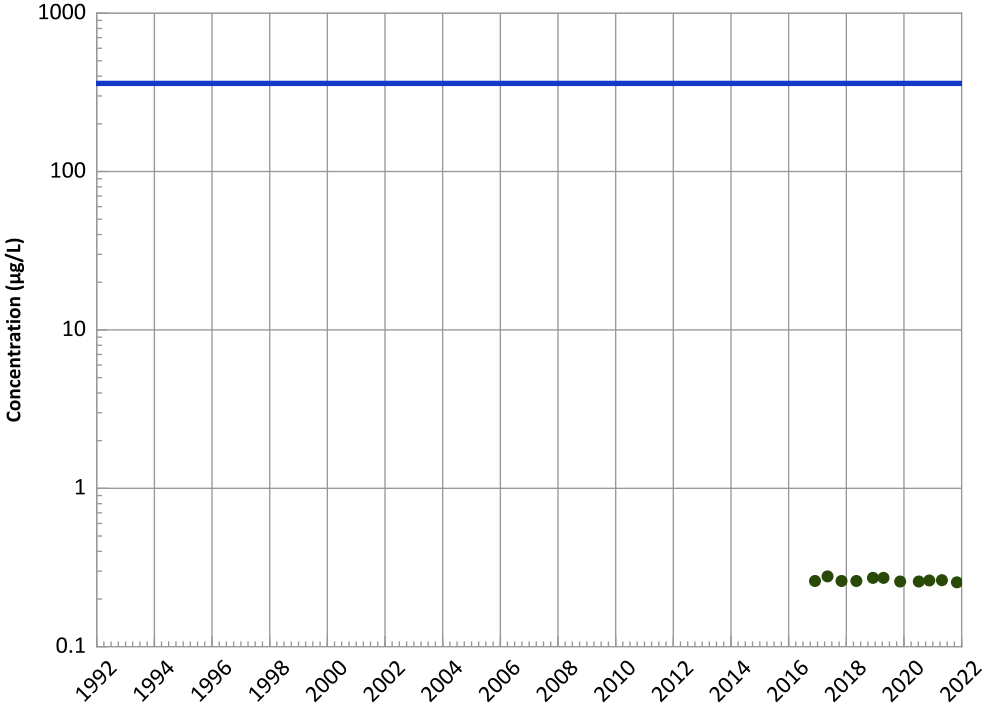


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

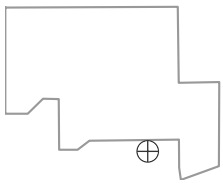
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

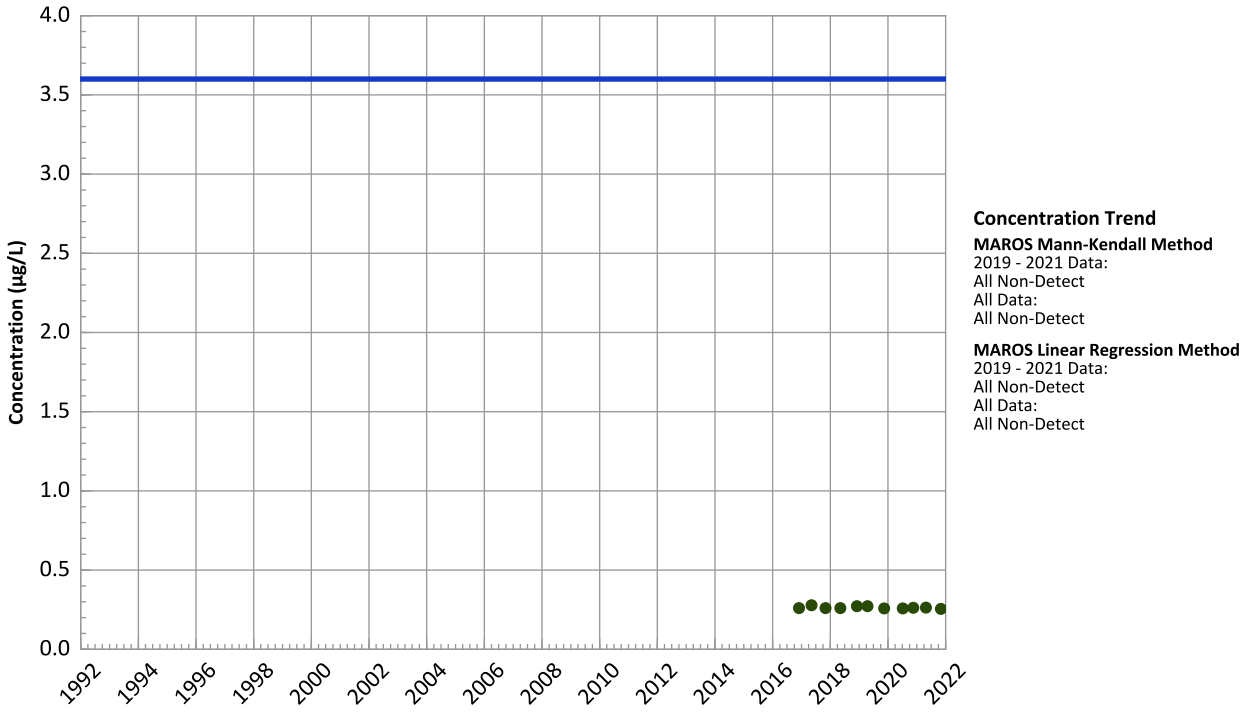
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location

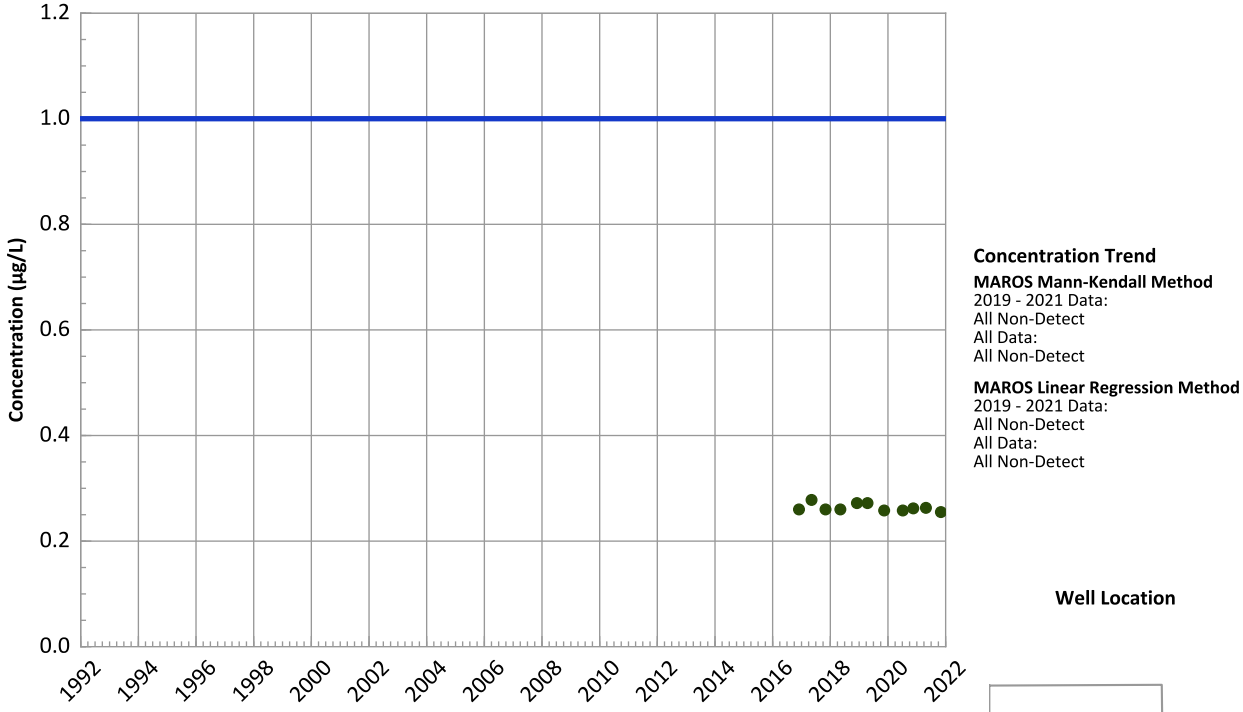


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



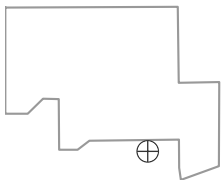
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

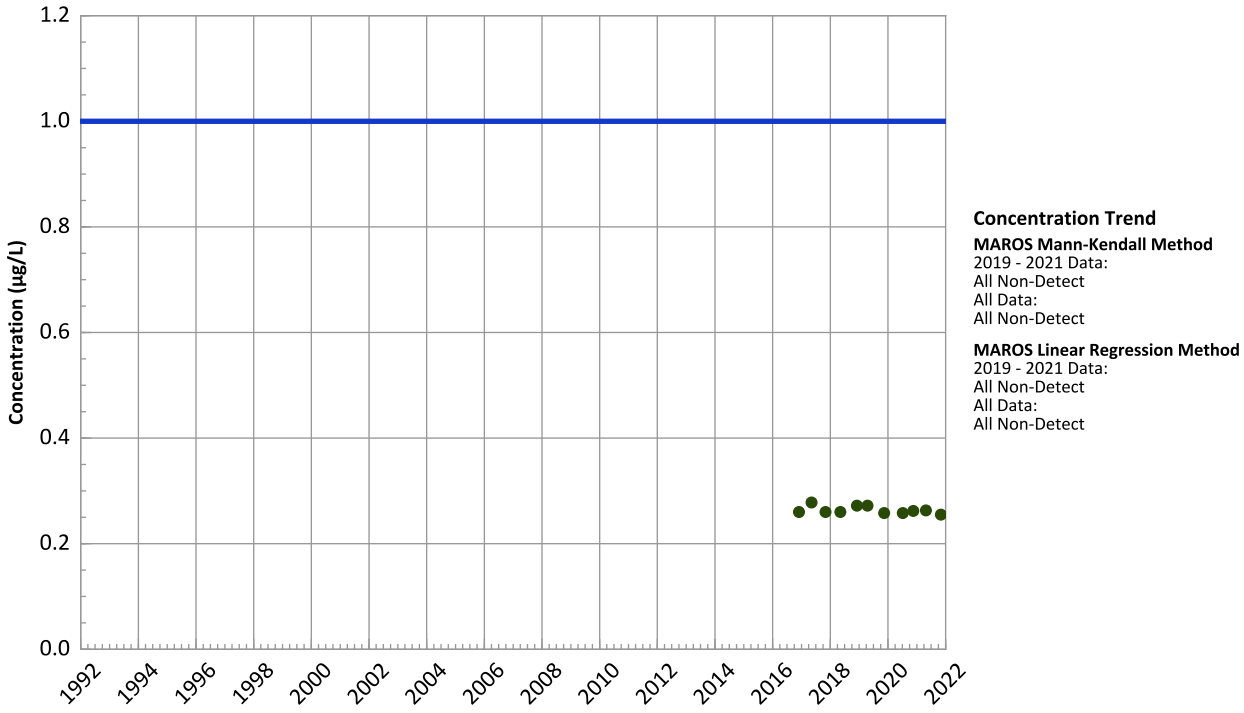
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

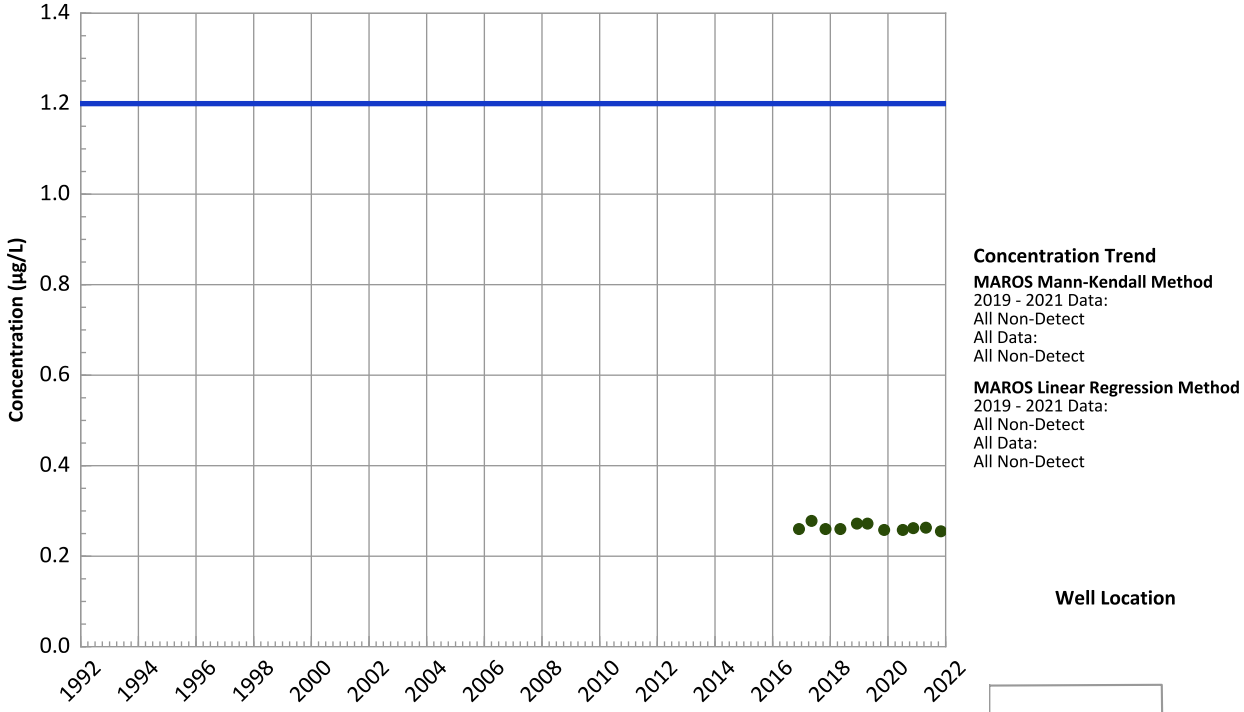


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



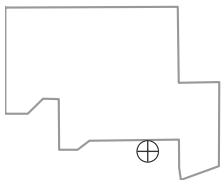
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

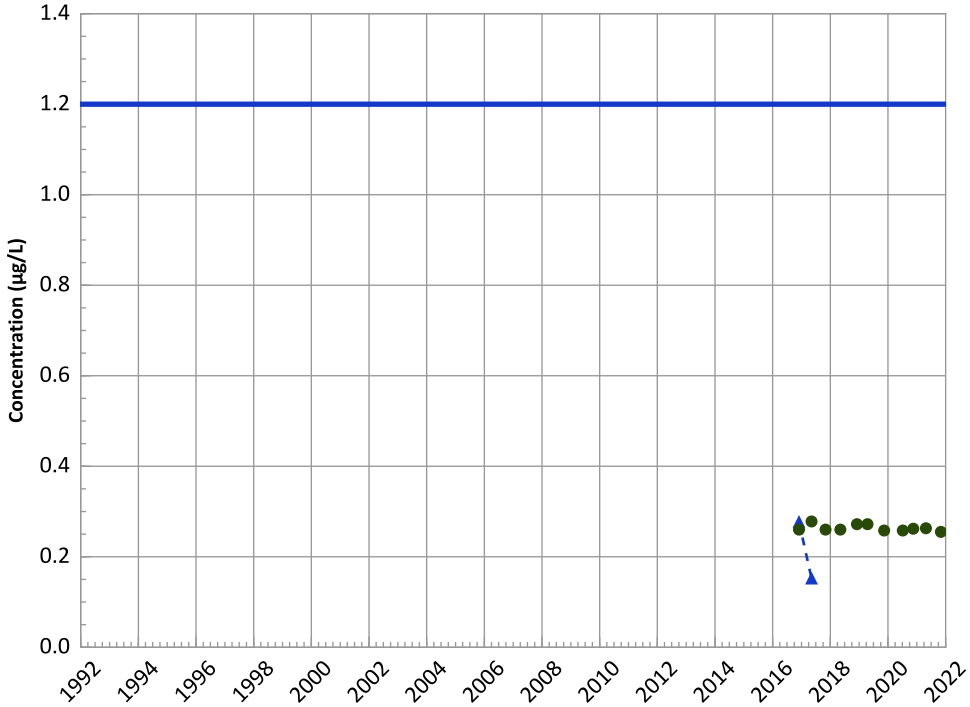
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

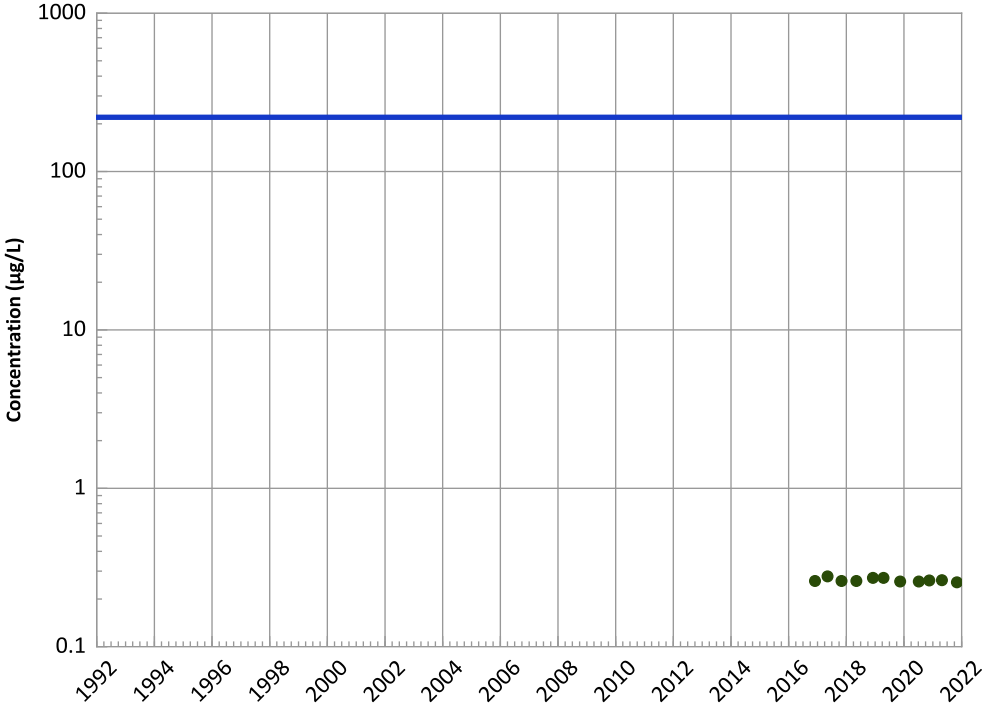


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

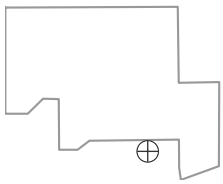
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

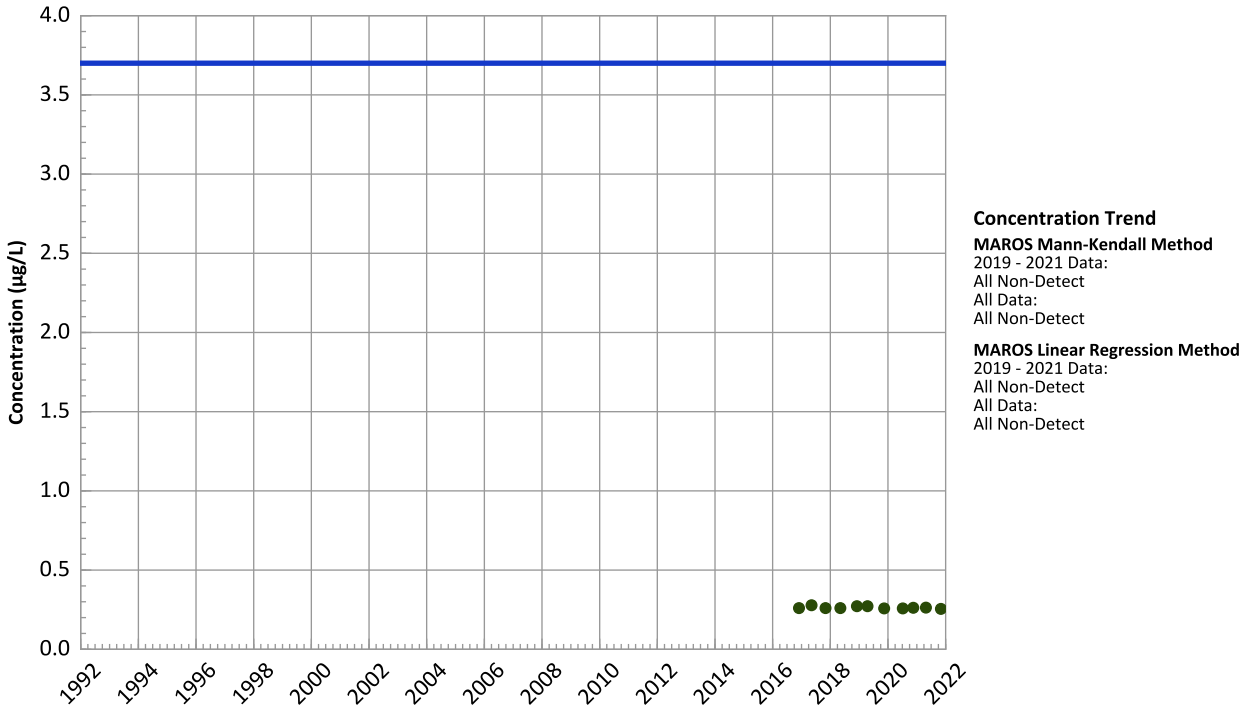
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

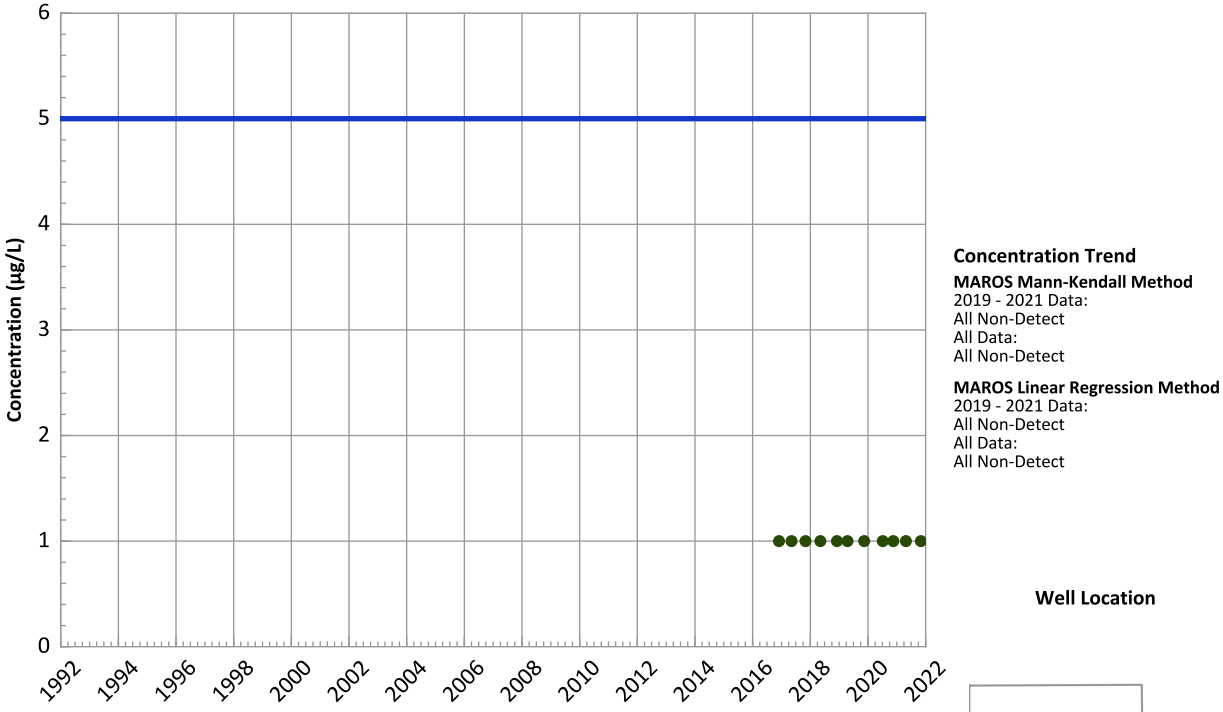


PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



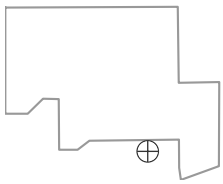
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

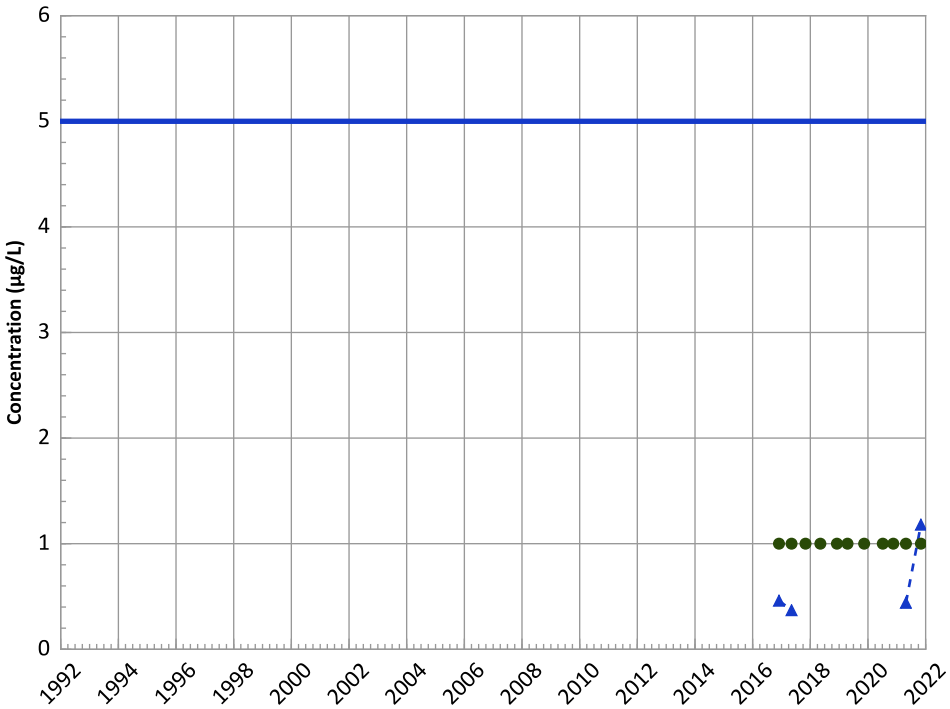
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

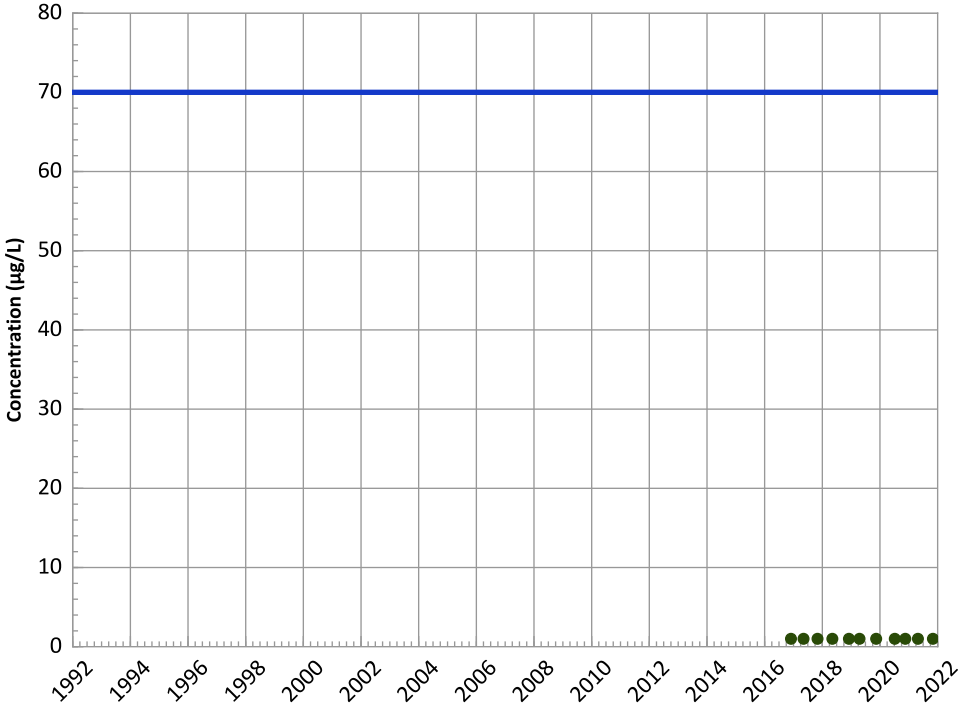


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

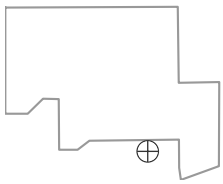
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

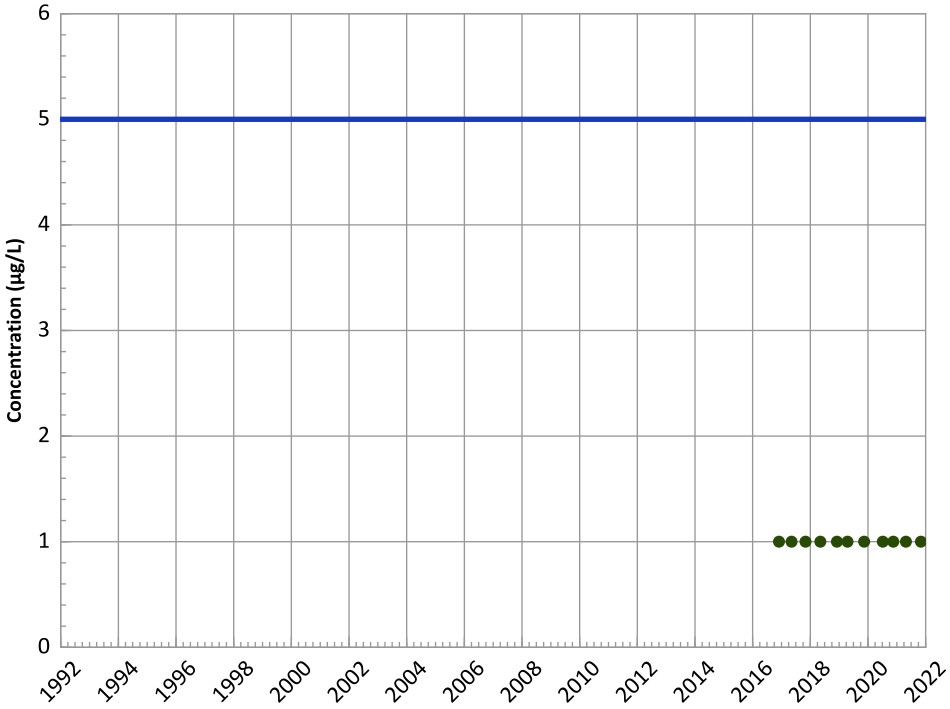
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

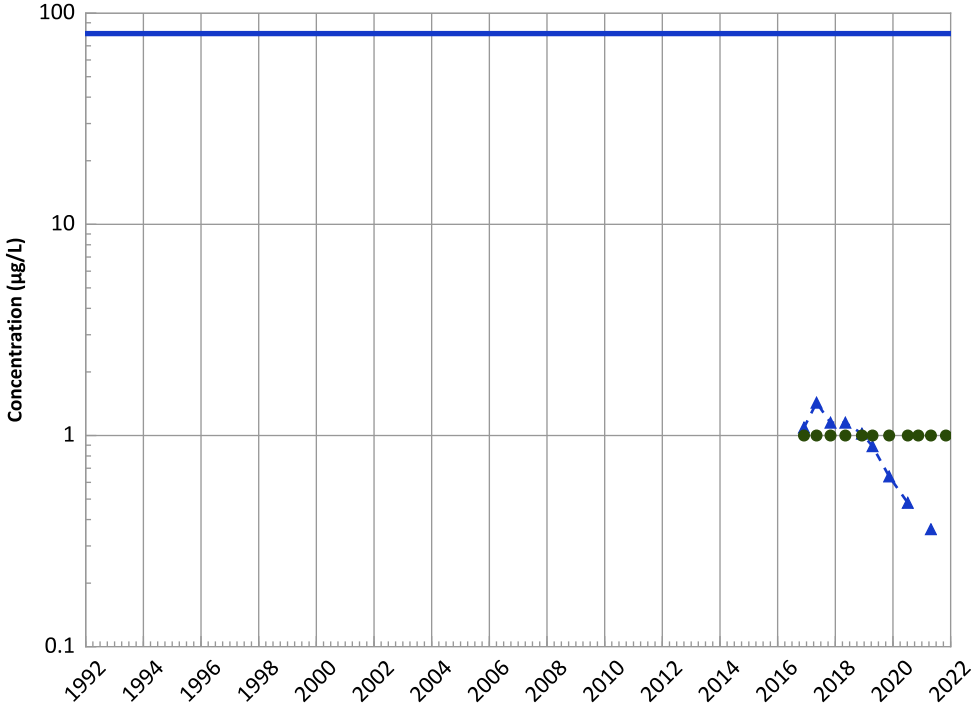


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

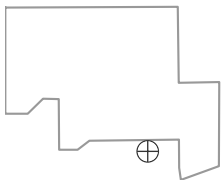
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

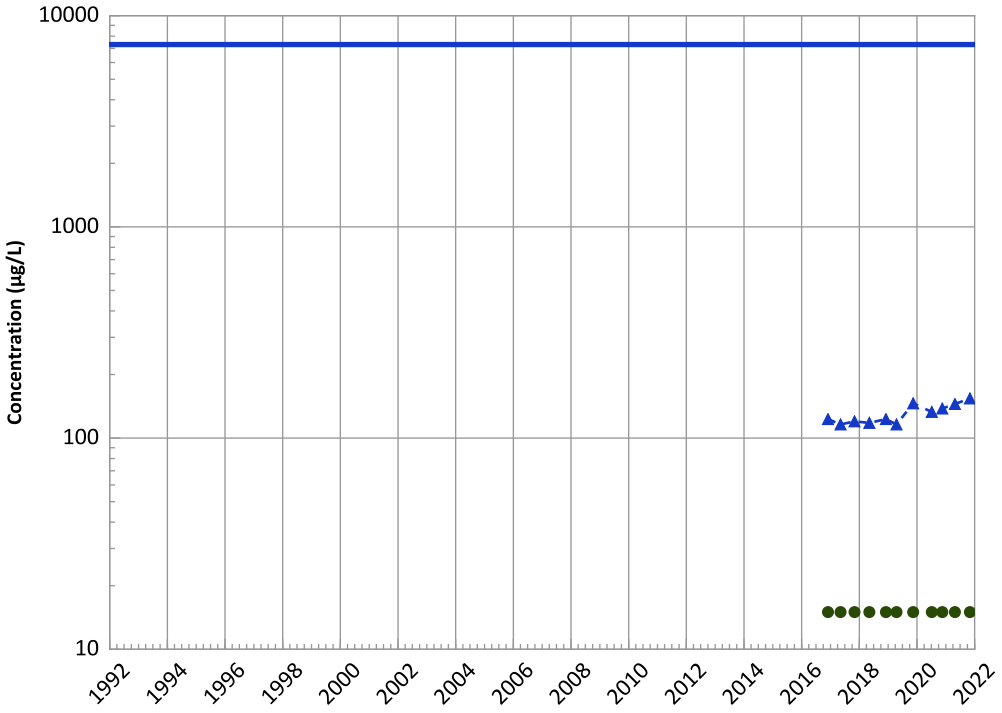
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

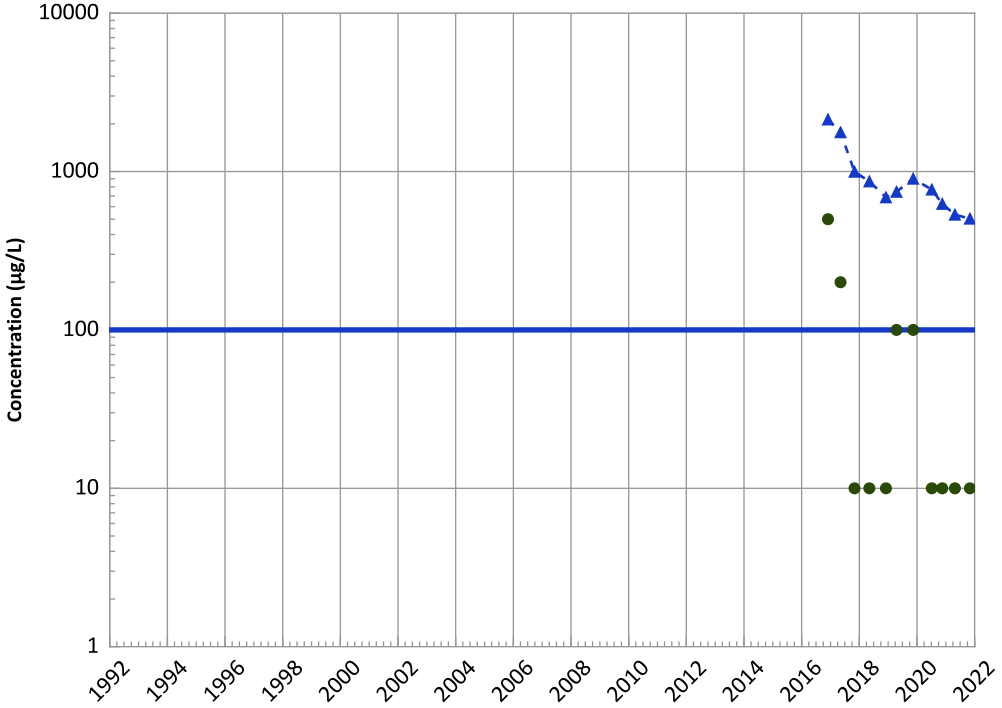


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

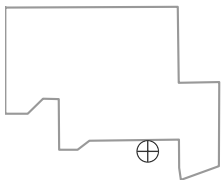
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

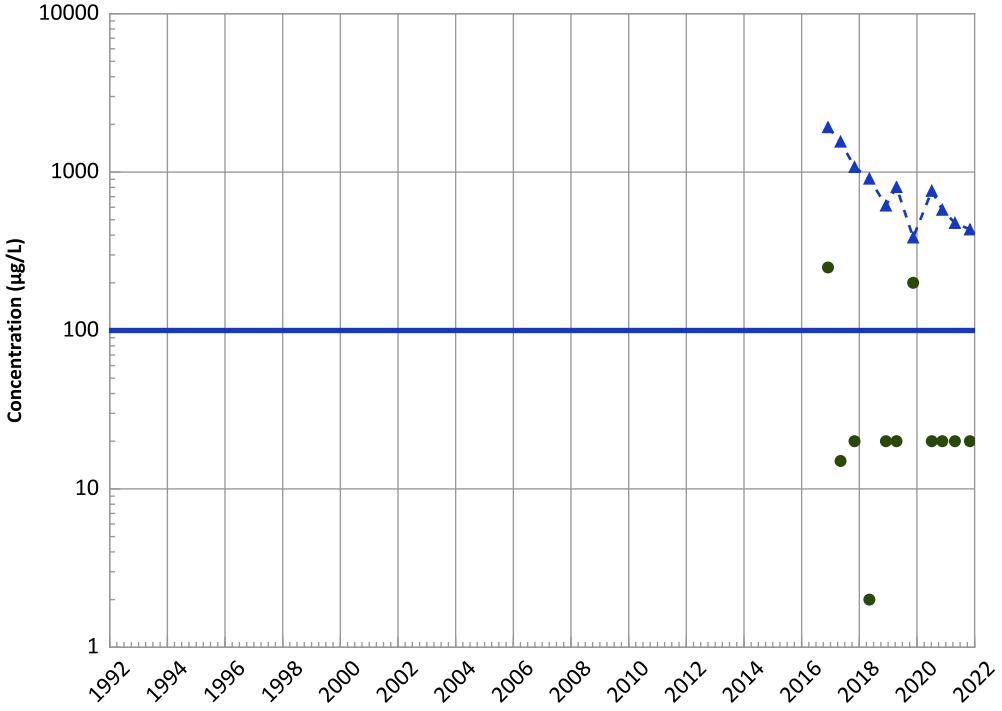
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

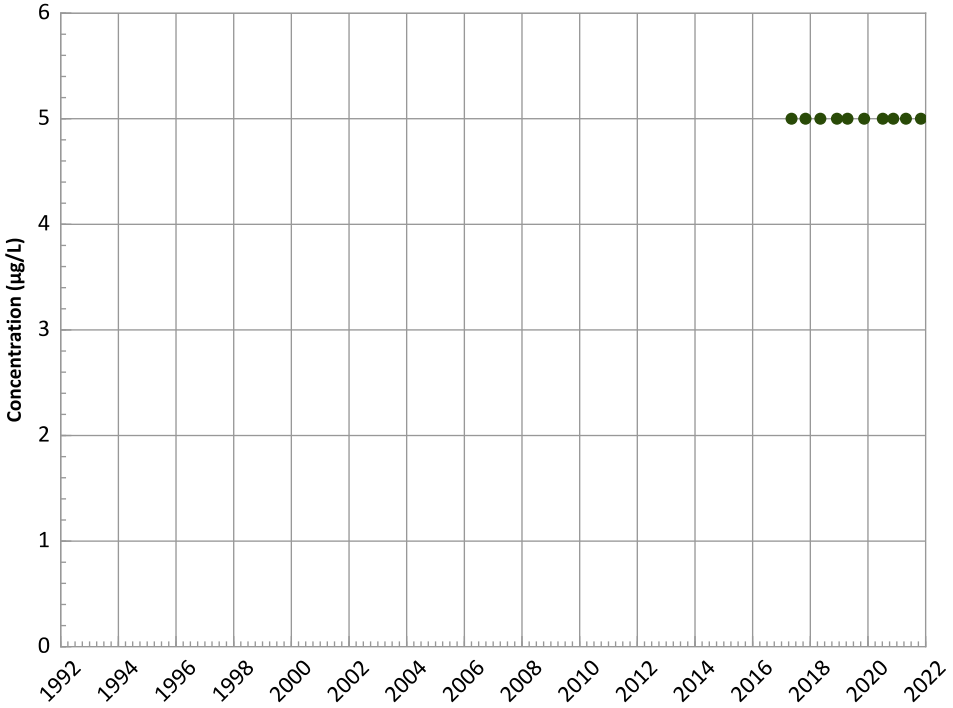


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

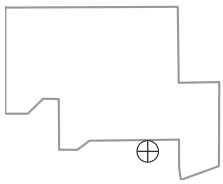
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

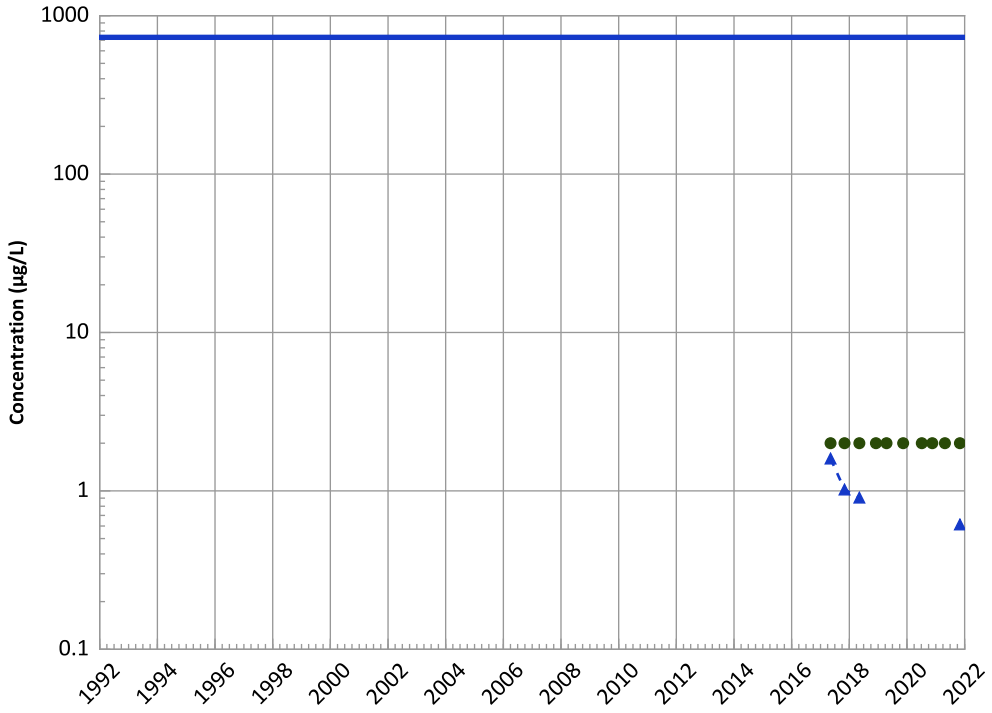
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

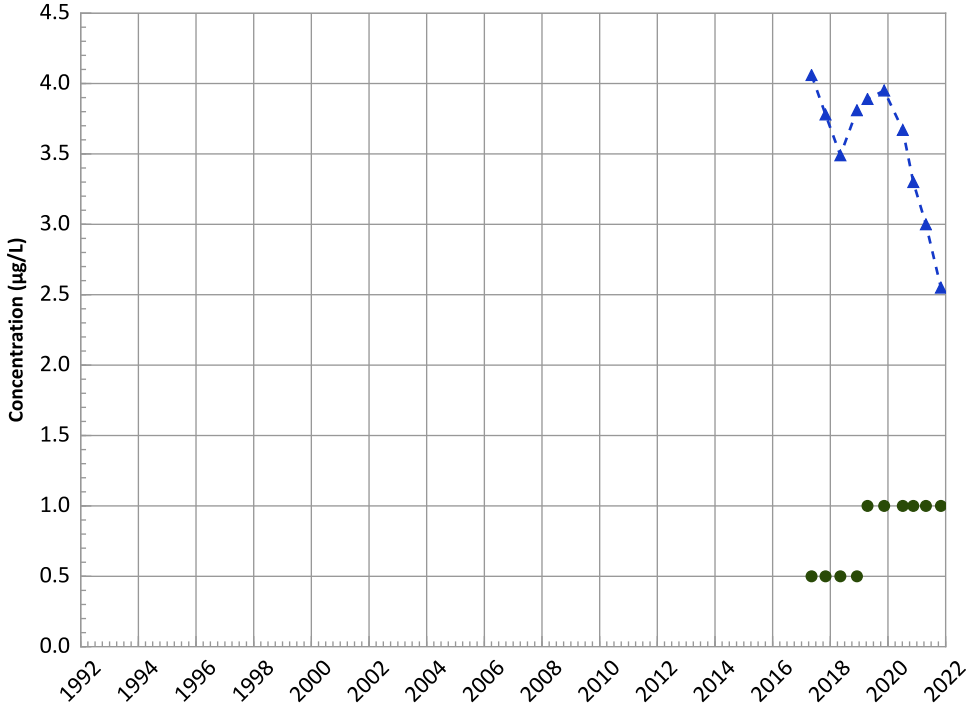


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

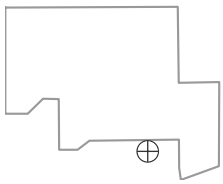
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

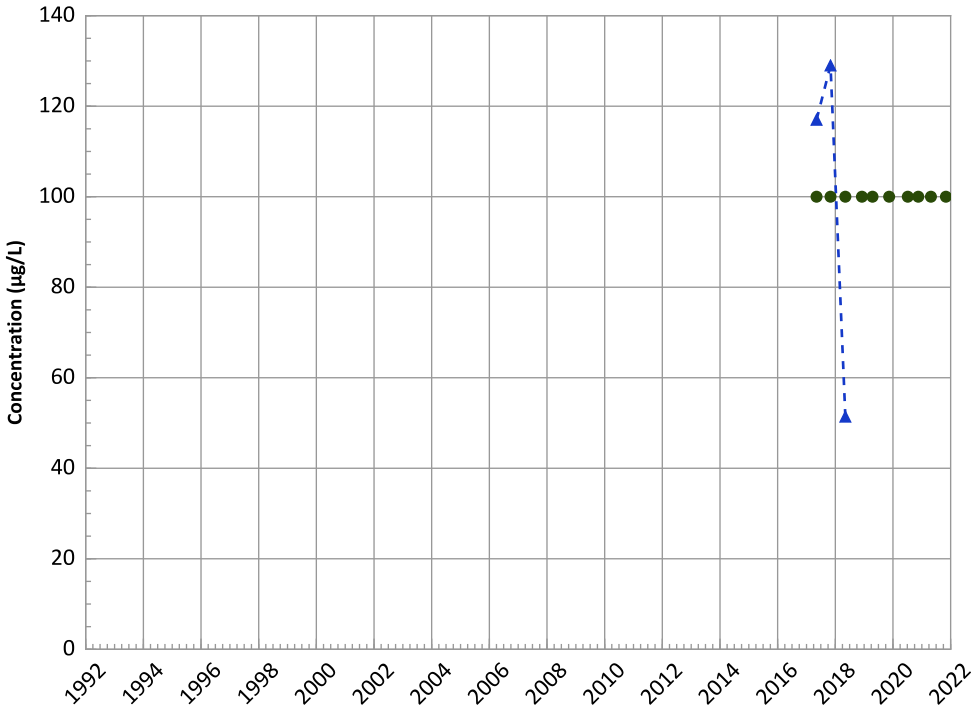
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1183 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

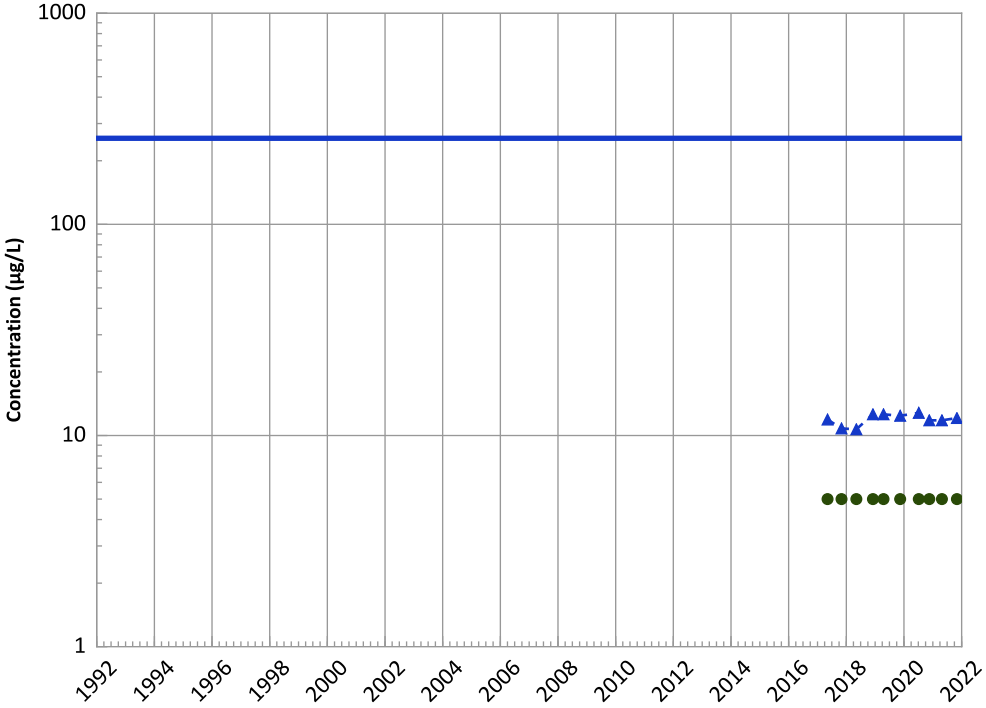


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

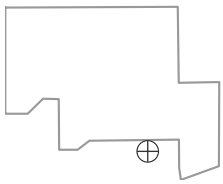
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

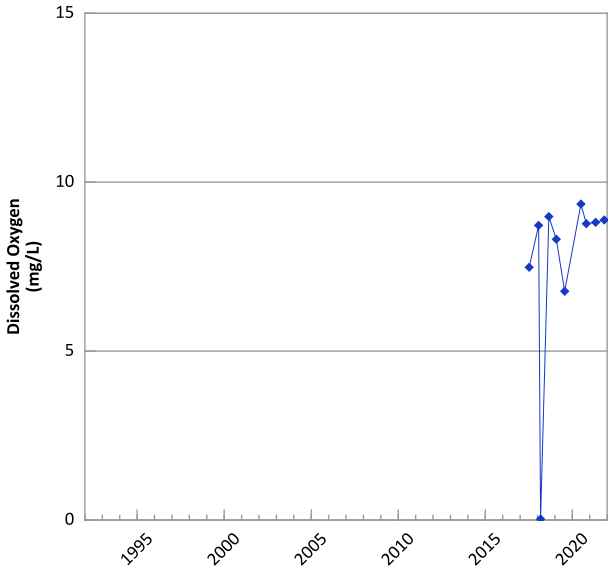
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/30/2016 to 11/02/2021
Analysis Date: 04/05/2022

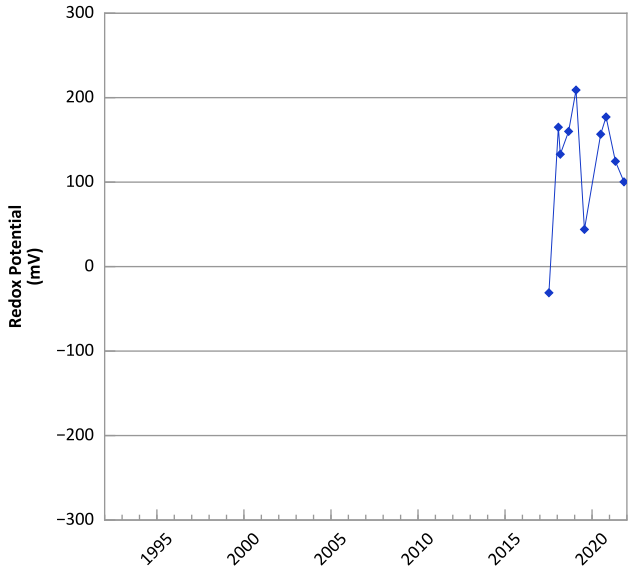
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

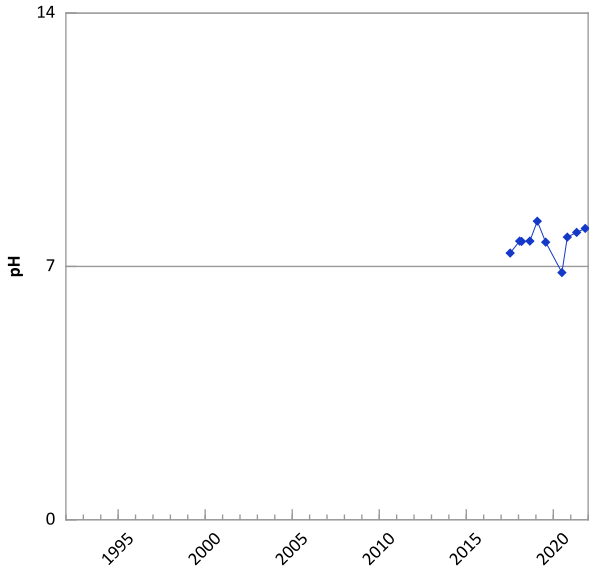
Well Location

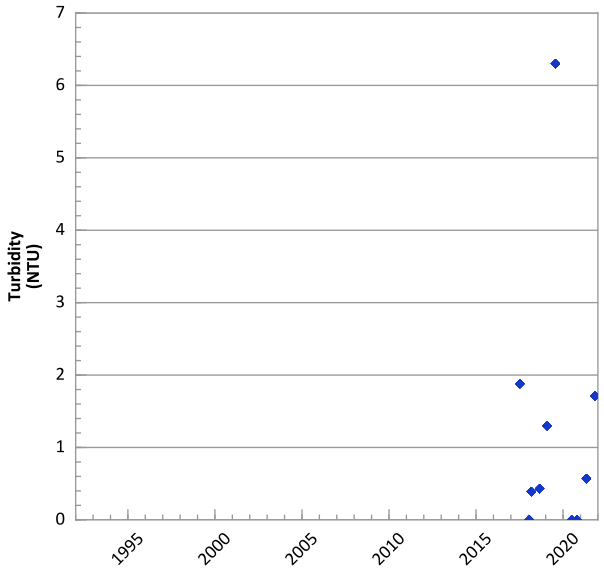


PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



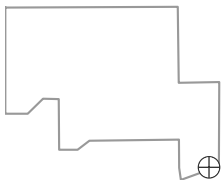






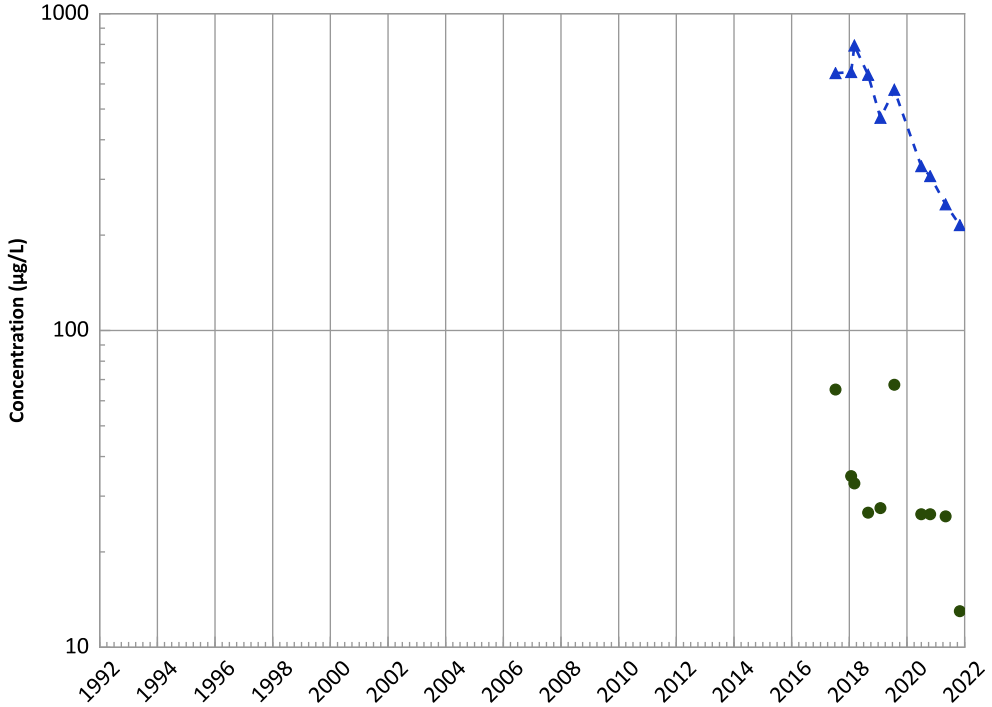
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

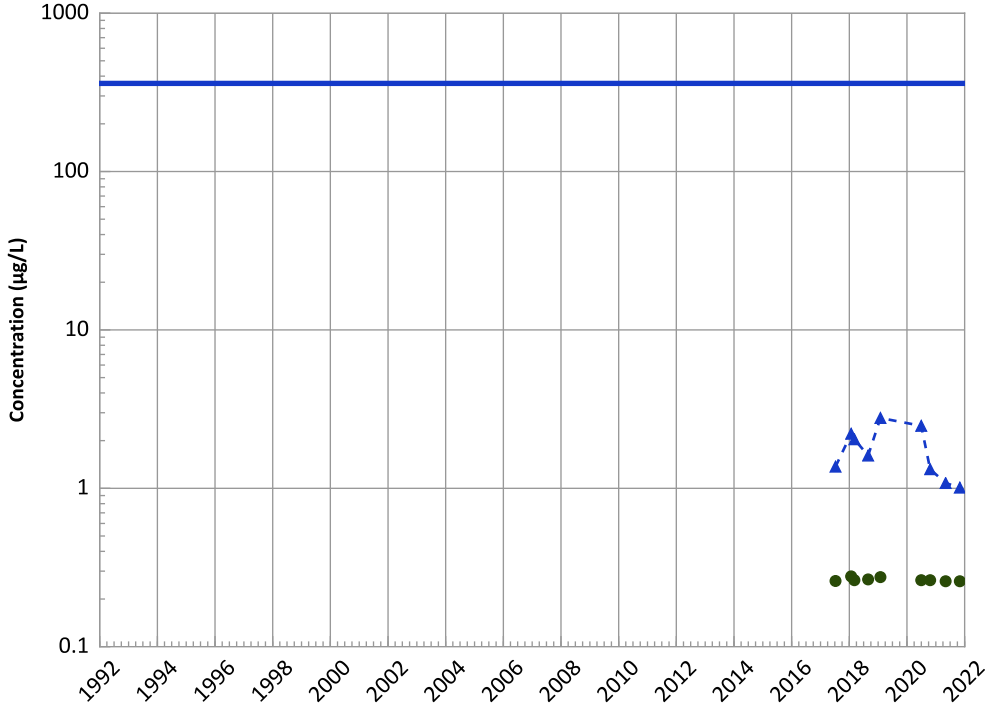


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

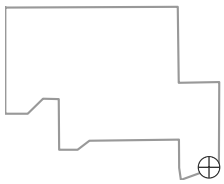
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

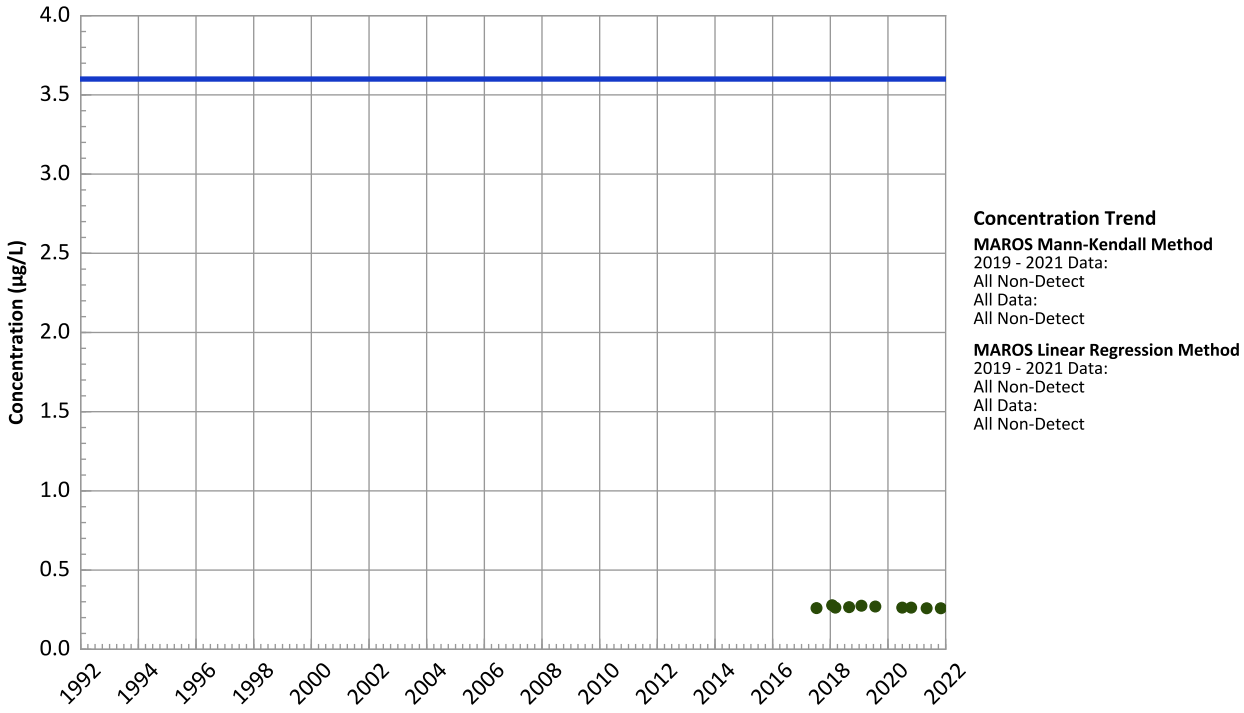
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

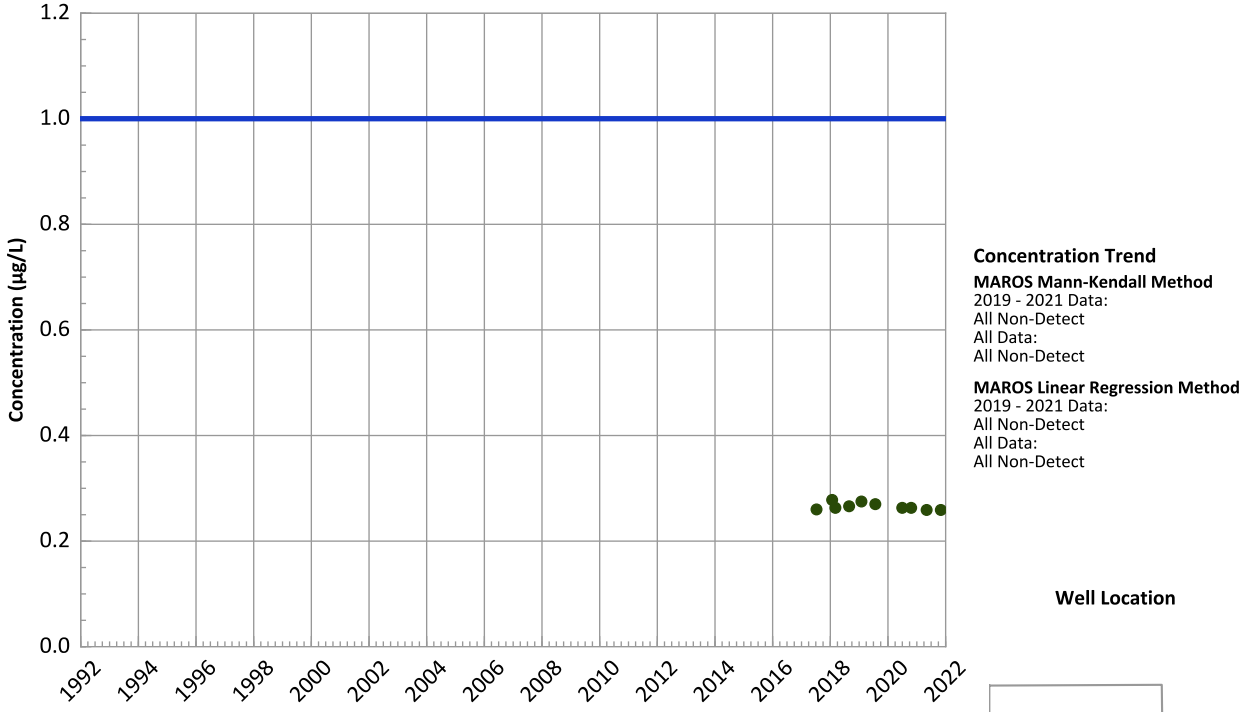


PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



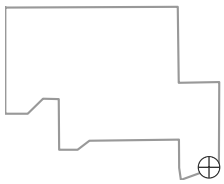
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

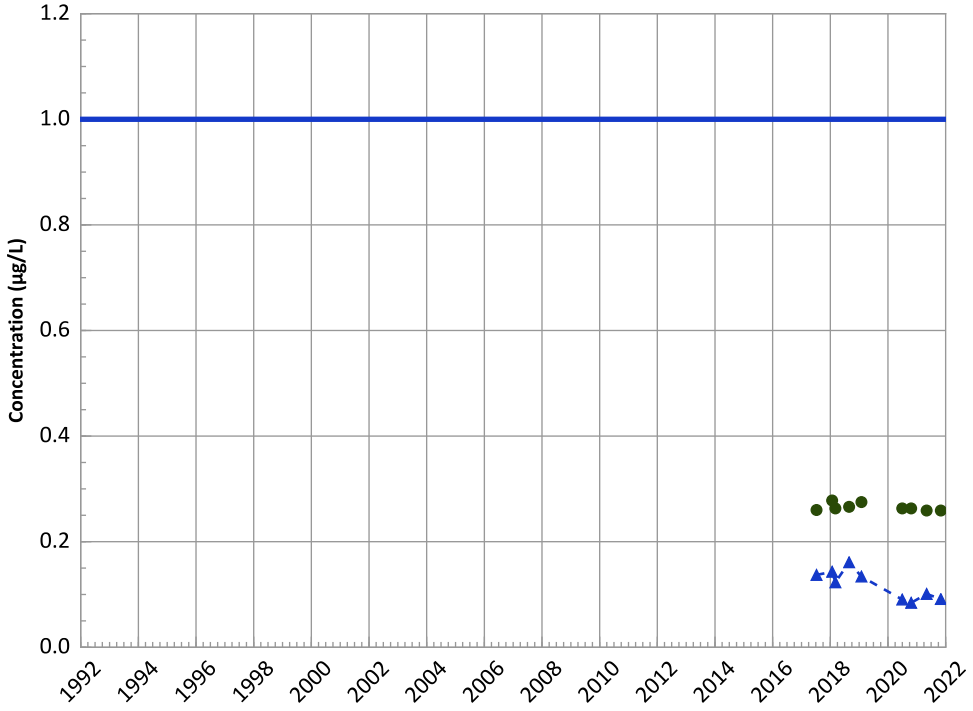
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

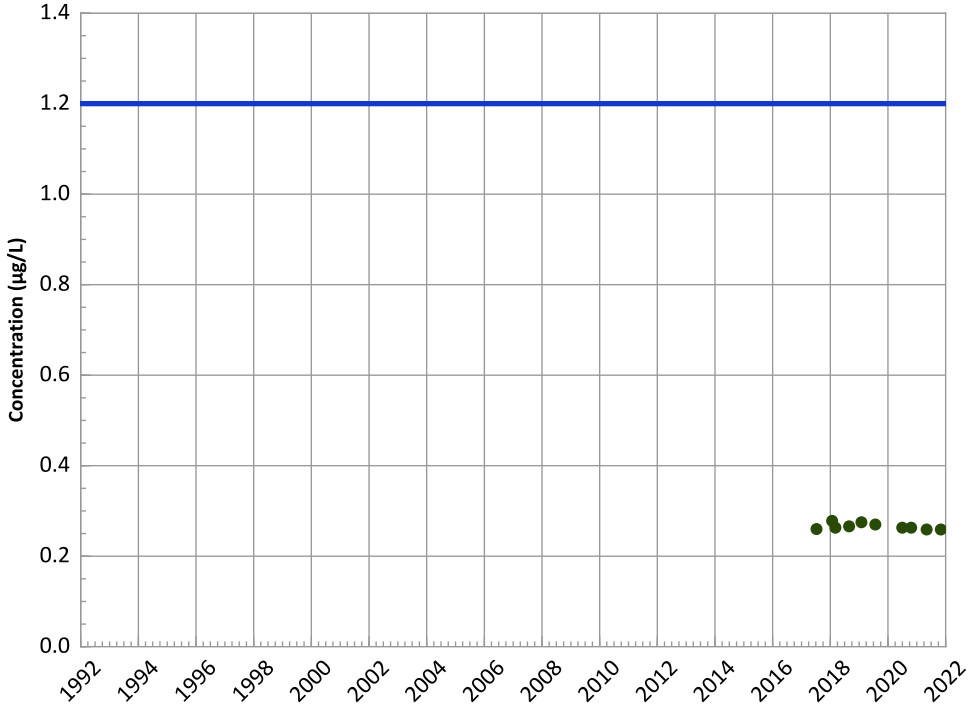


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

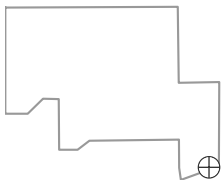
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

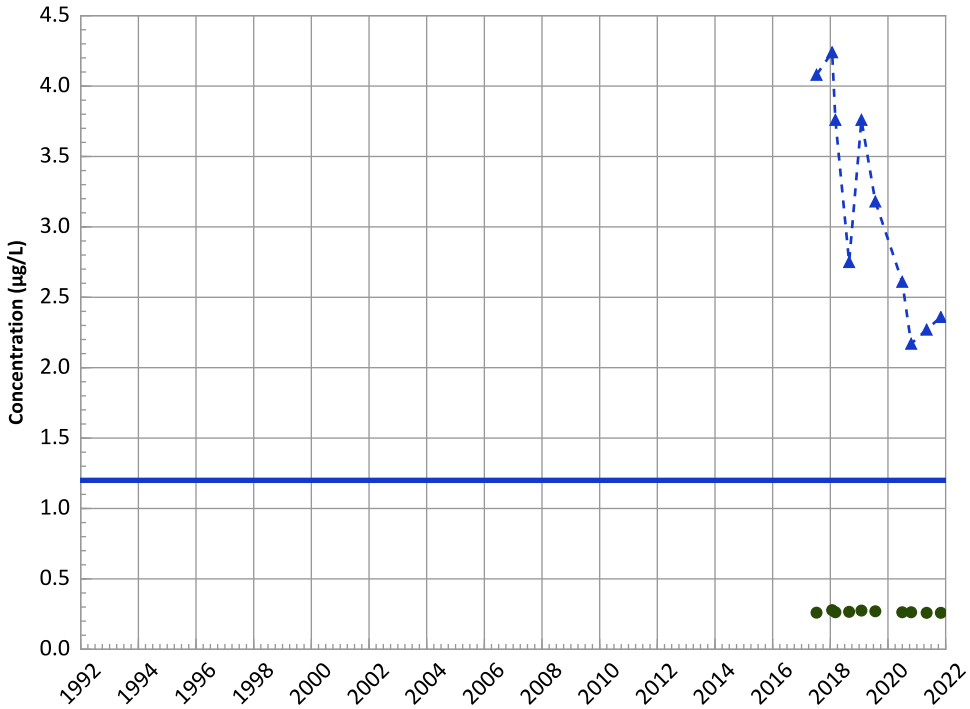
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

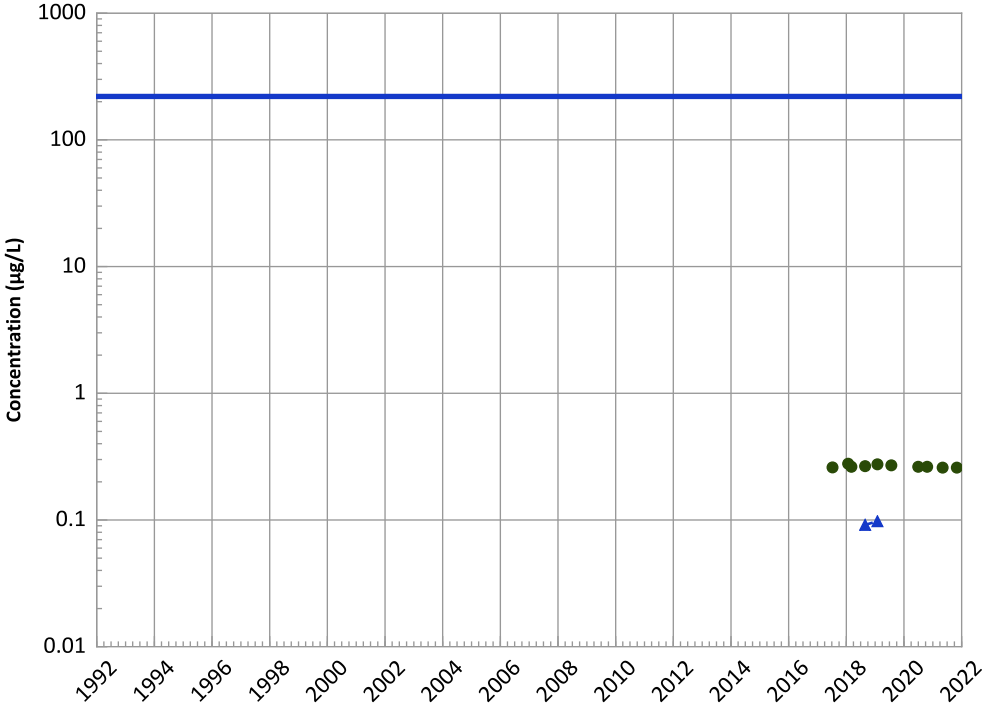


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

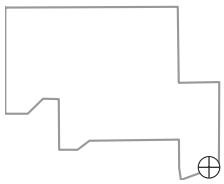
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

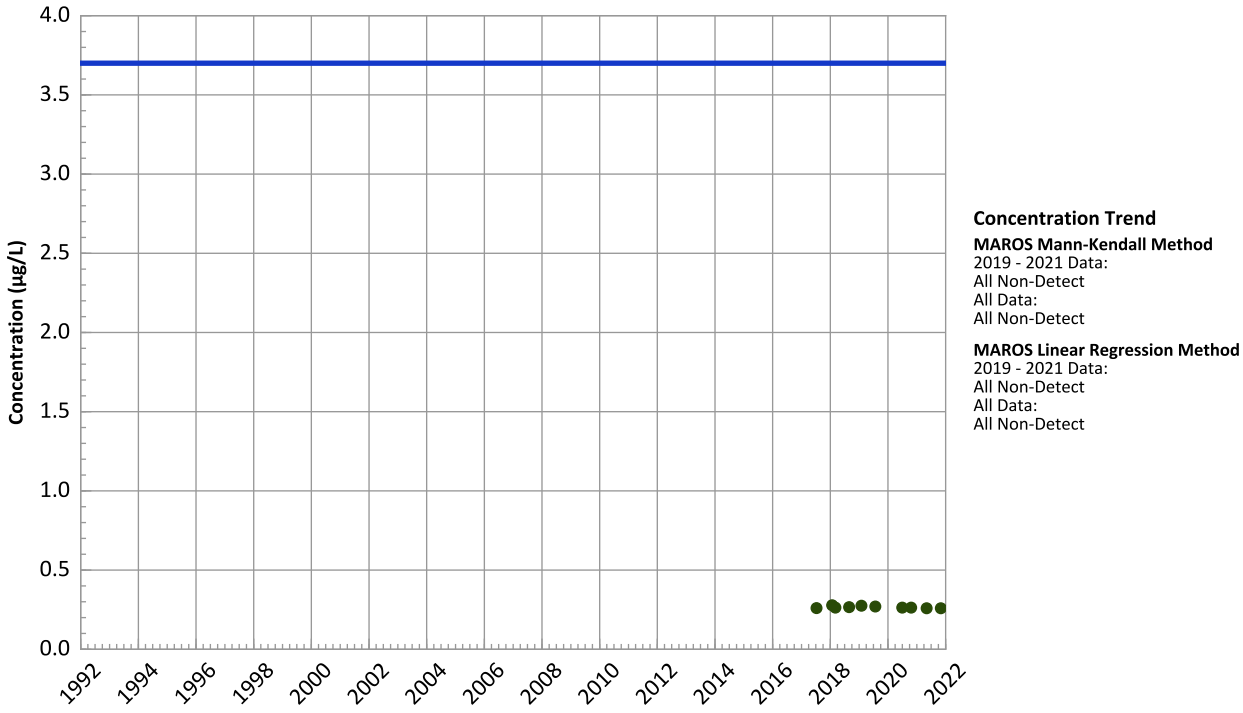
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location

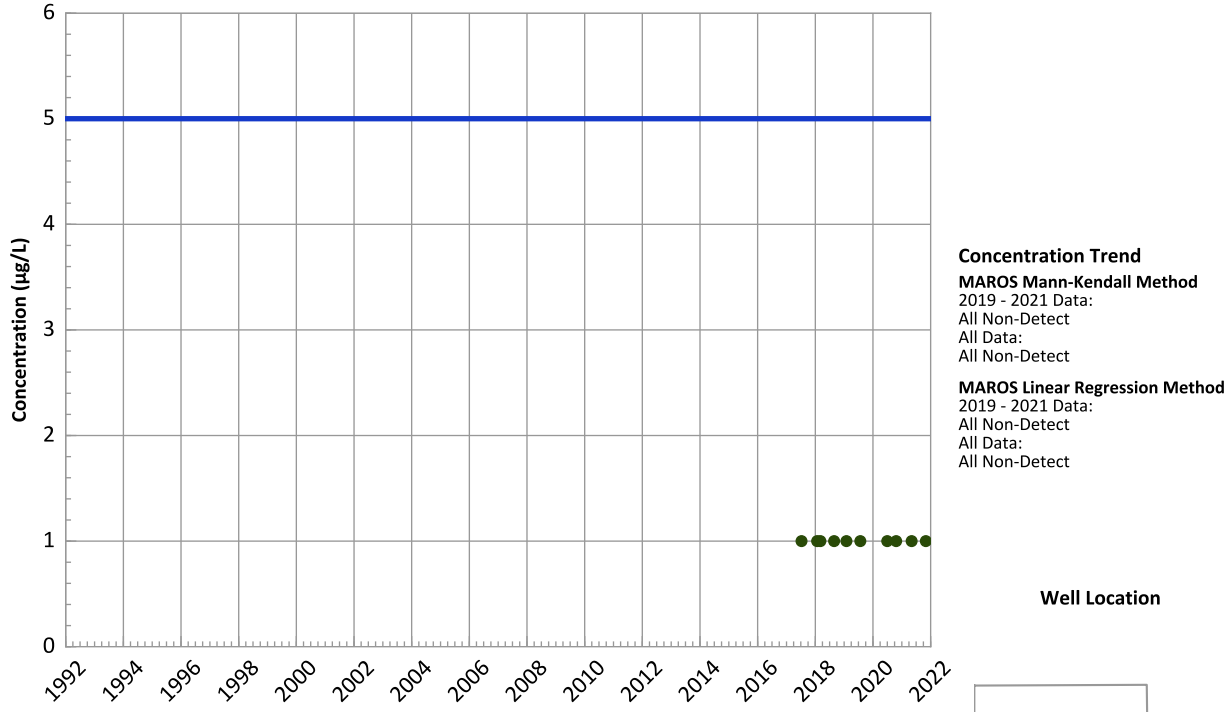


PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



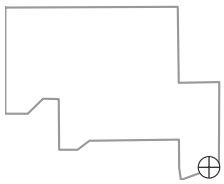
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

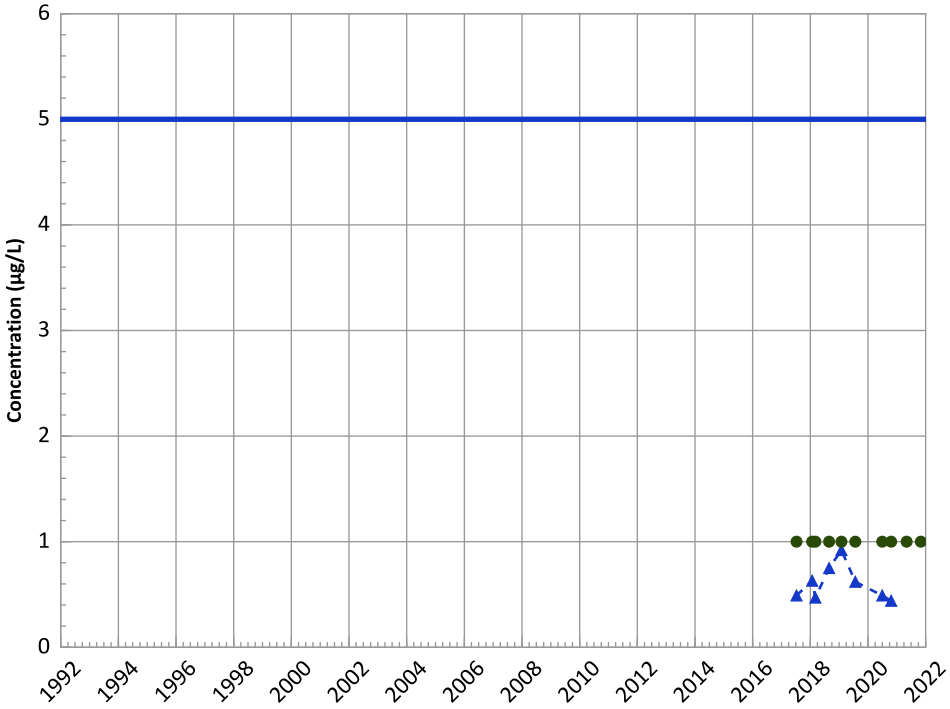
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

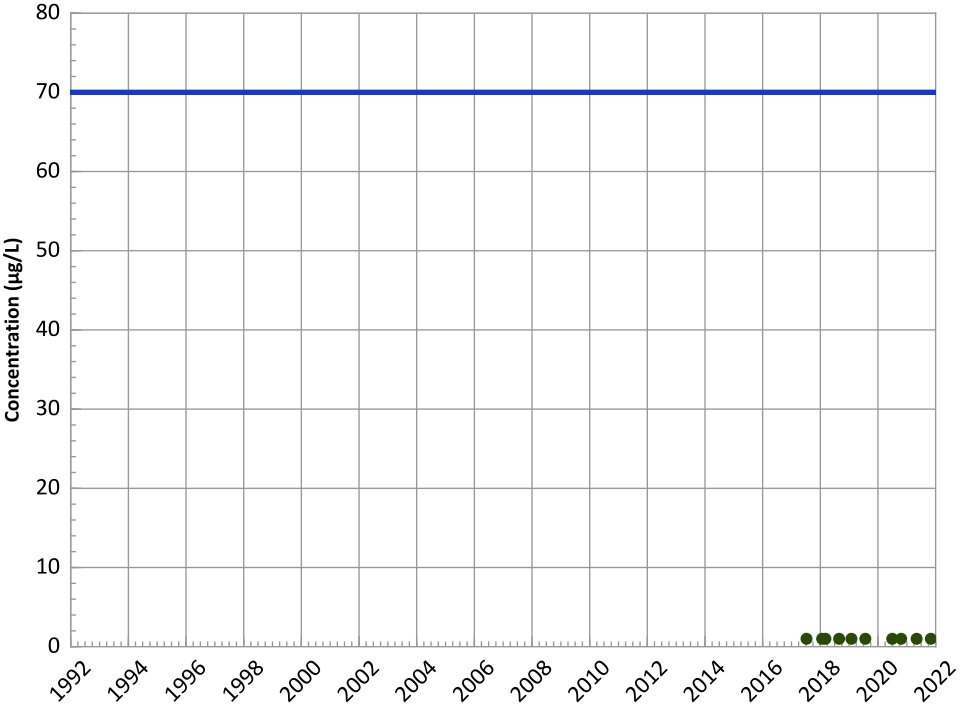


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

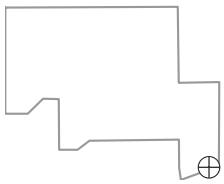
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

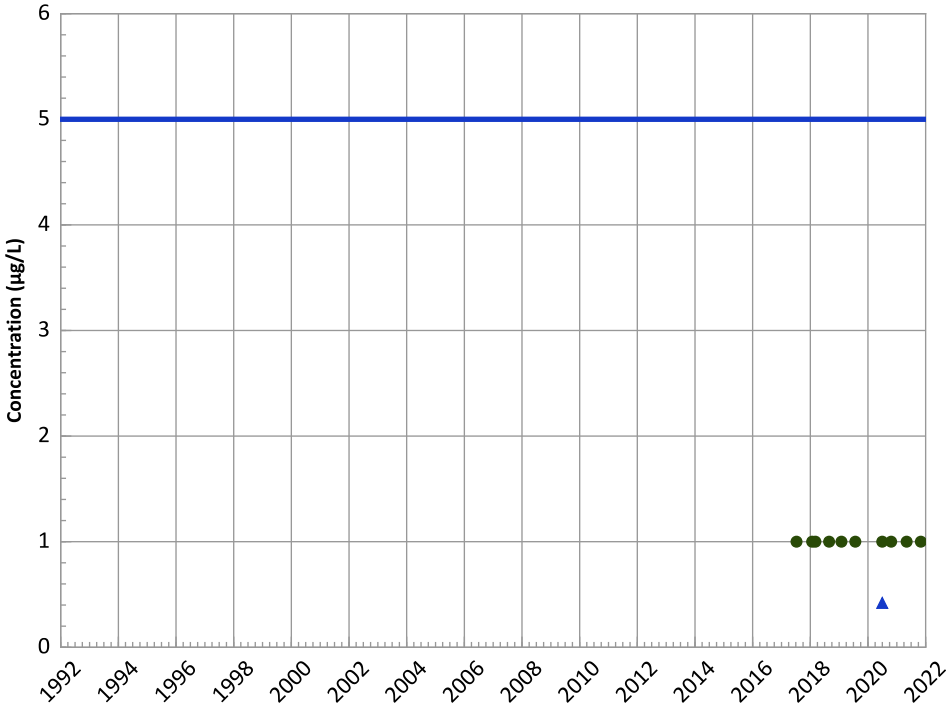
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

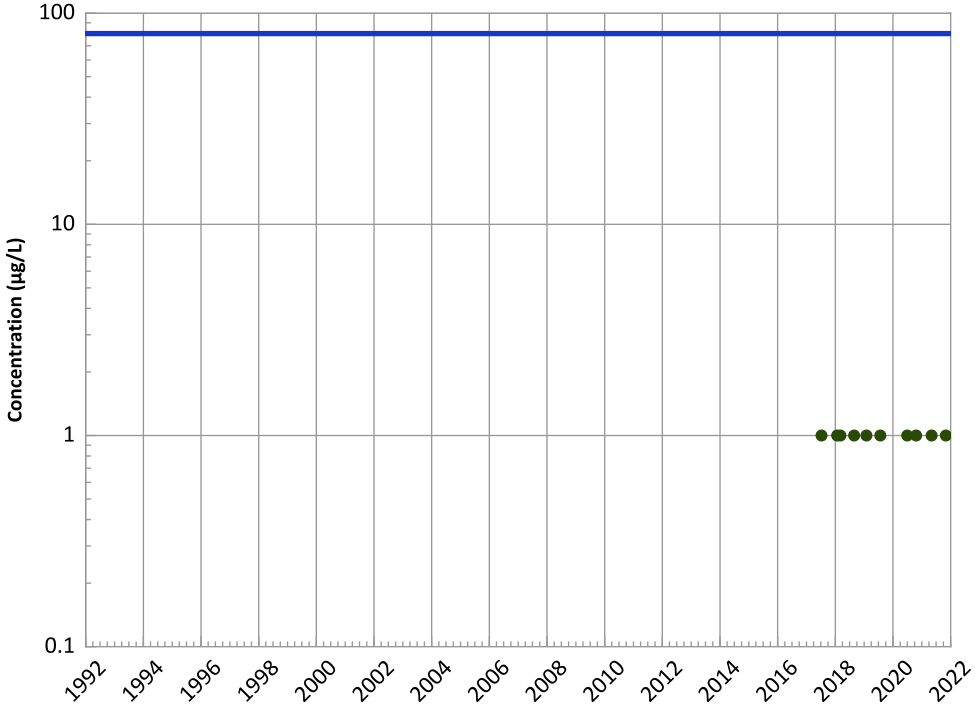


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

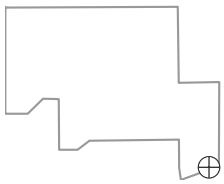
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

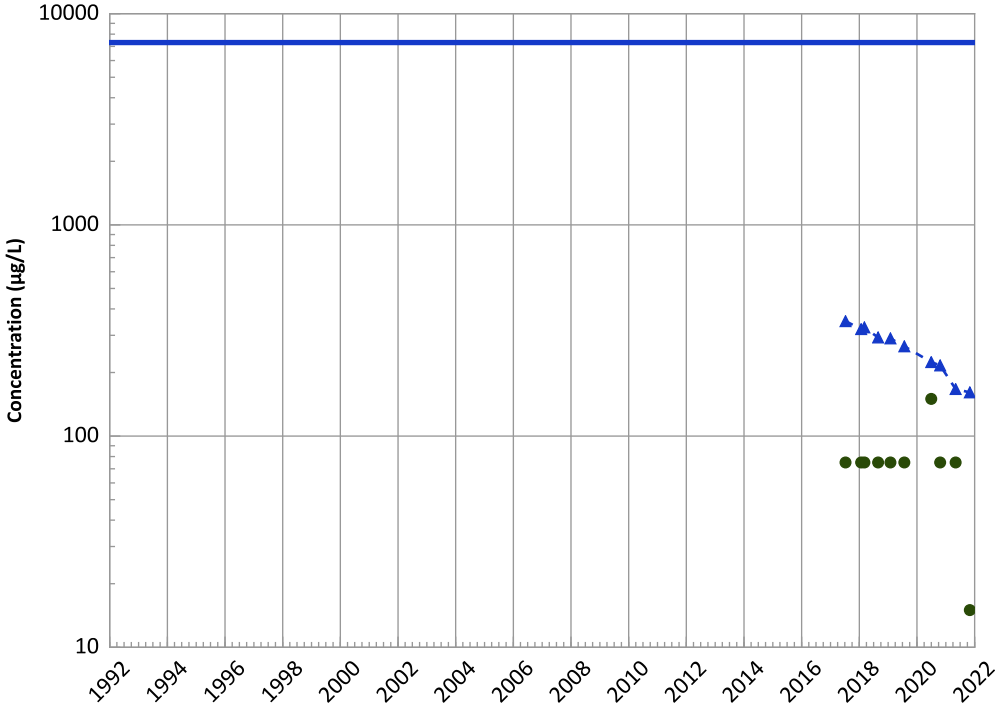
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

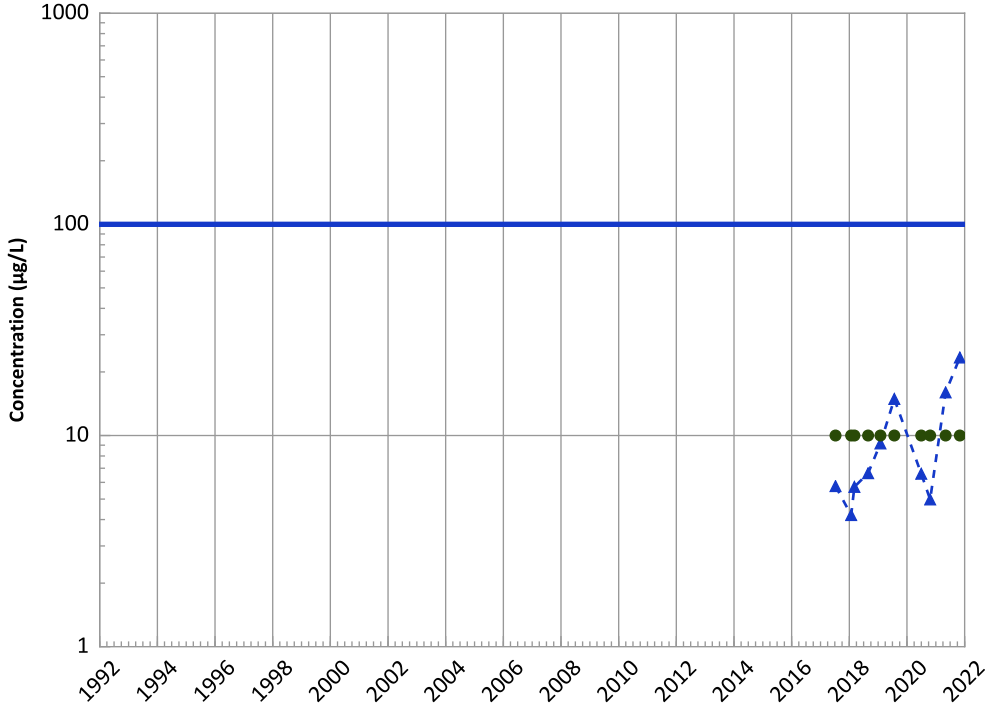


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Chromium, Total Trend



Concentration Trend

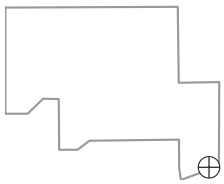
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

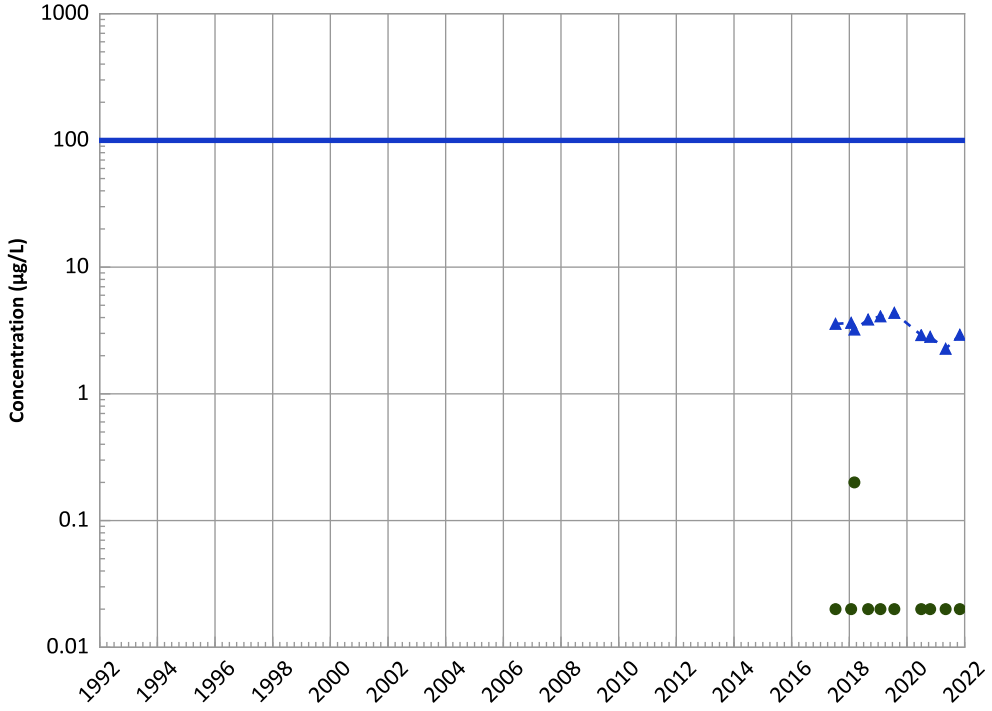
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1185 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

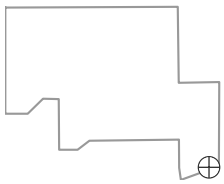
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

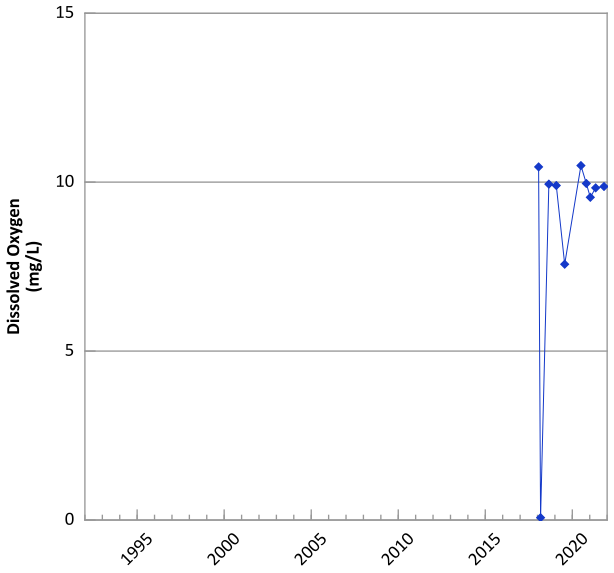
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/10/2017 to 11/01/2021
Analysis Date: 04/05/2022

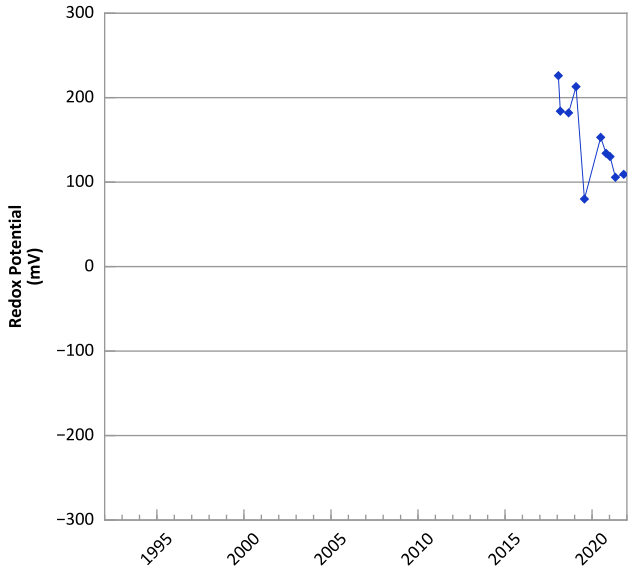
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

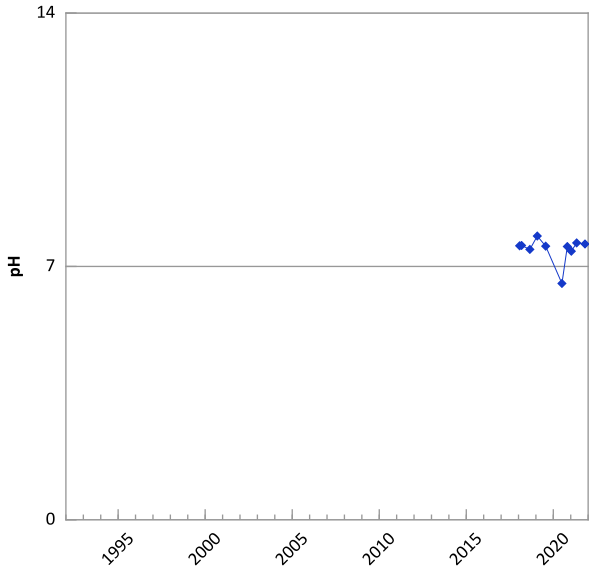
Well Location

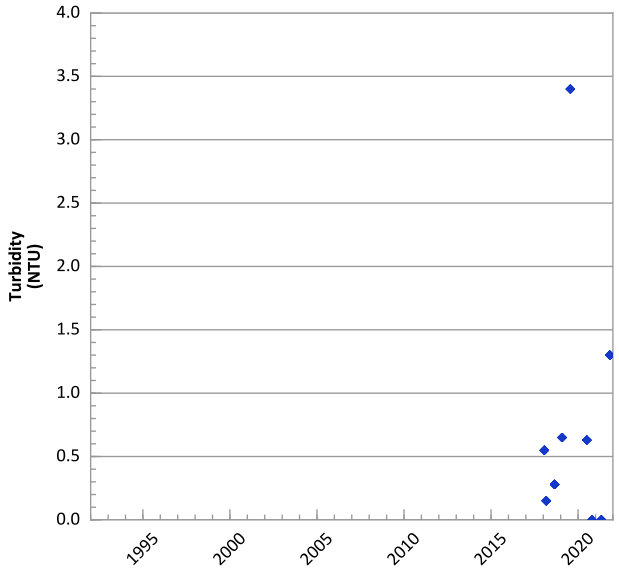


PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



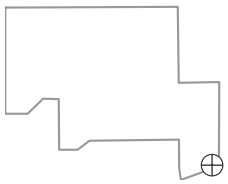






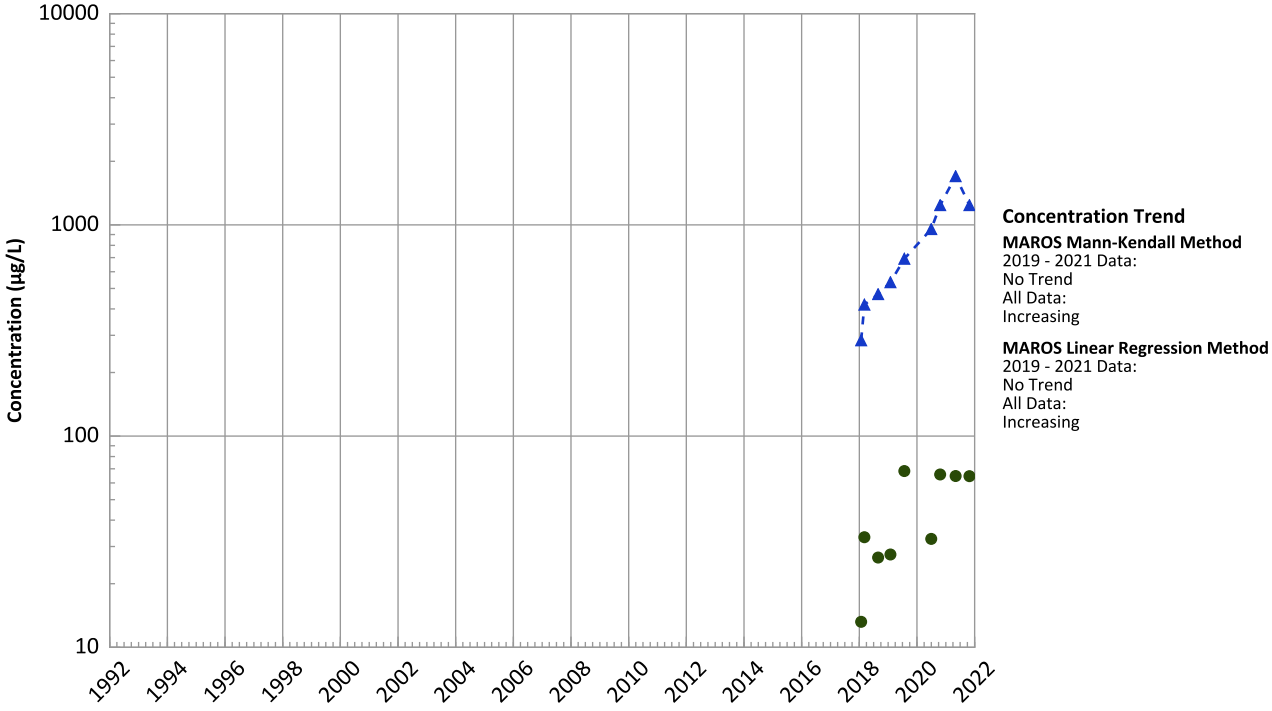
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

Well Location

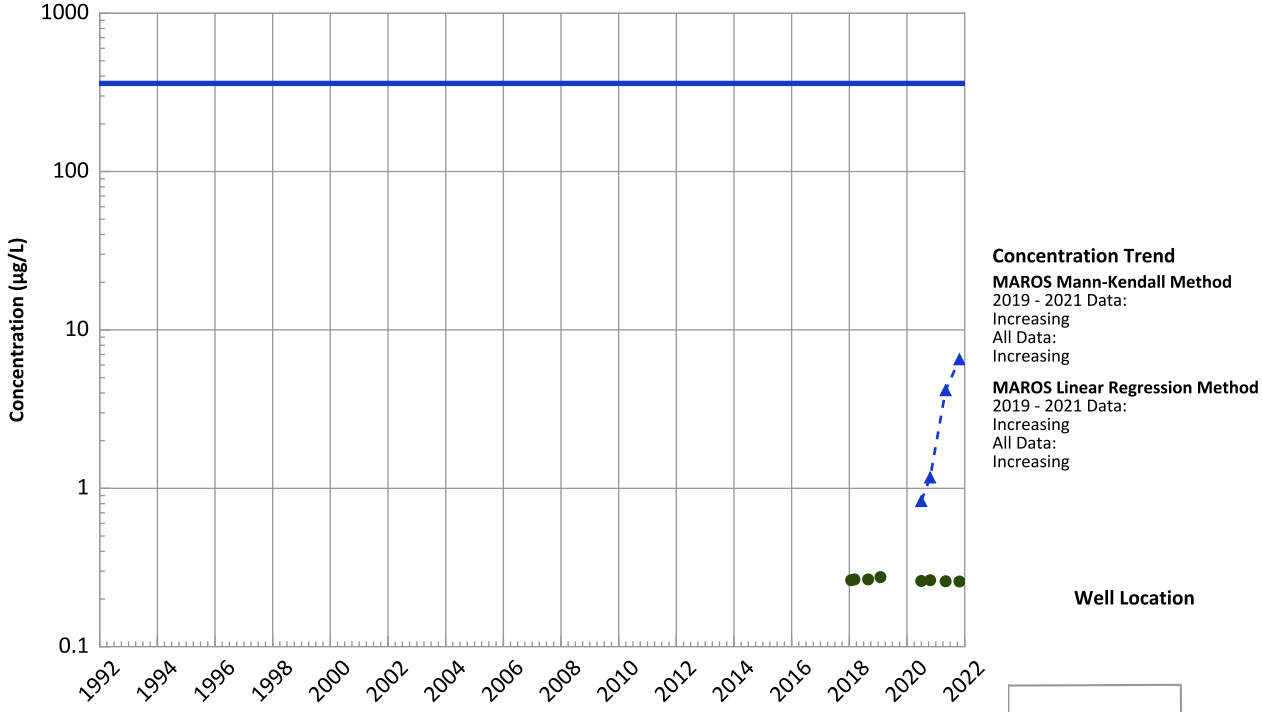


PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



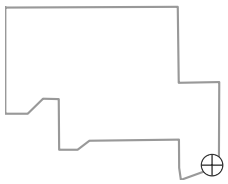
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

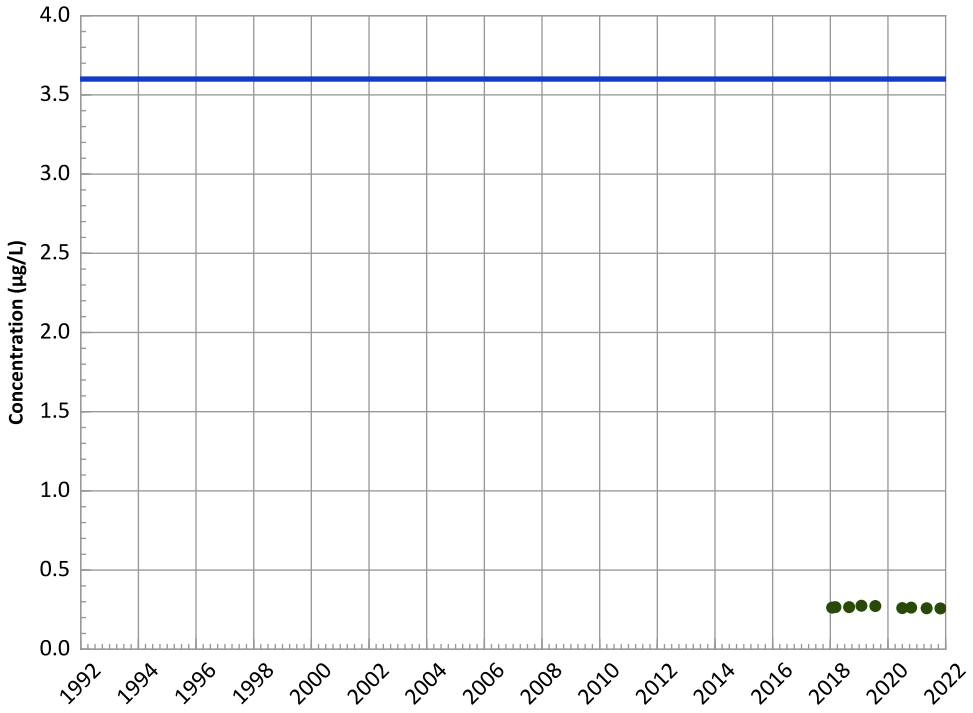
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

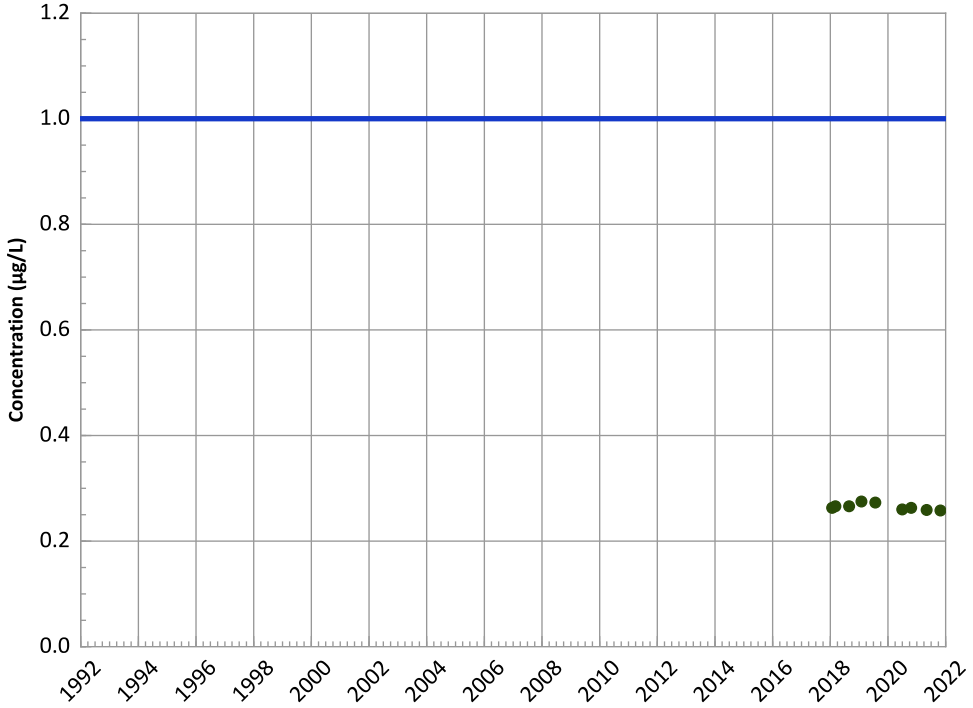


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

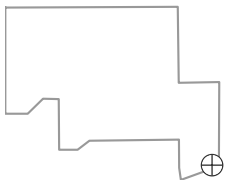
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

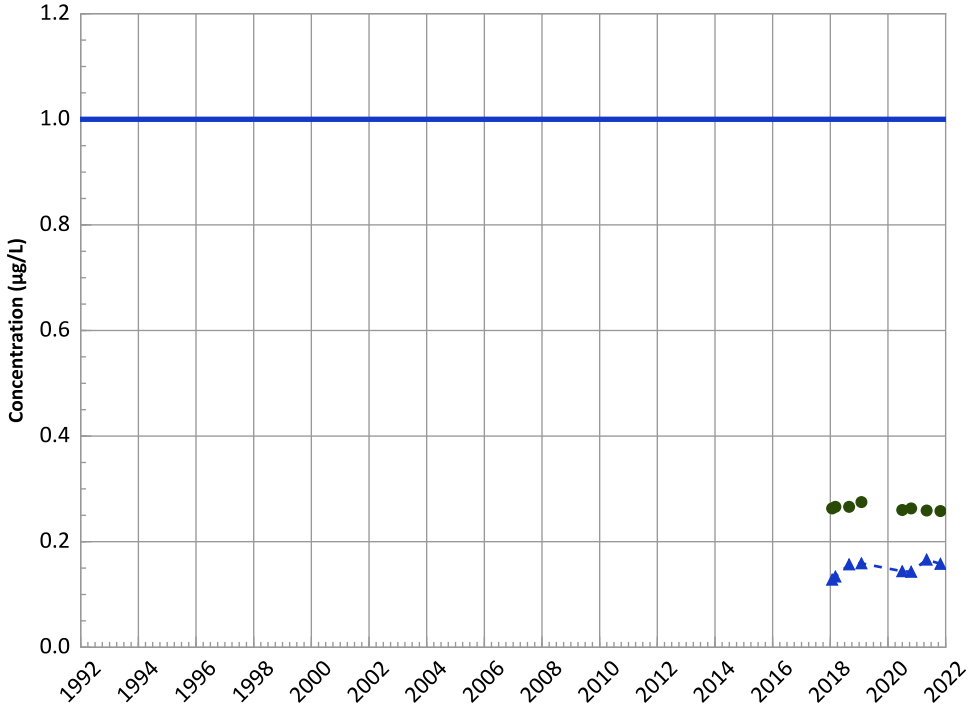
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

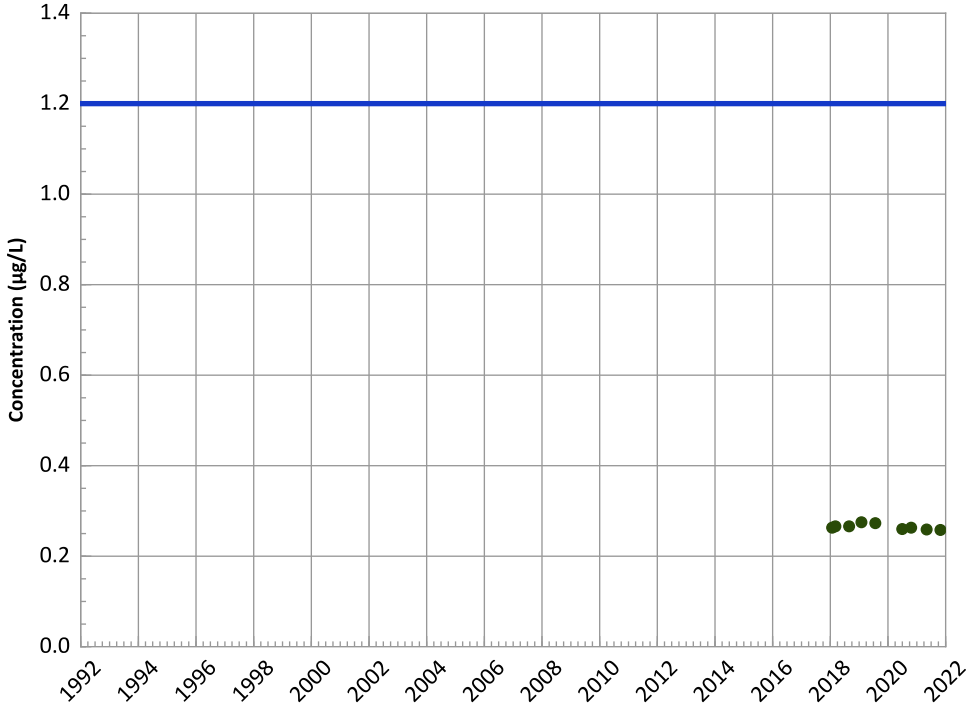


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

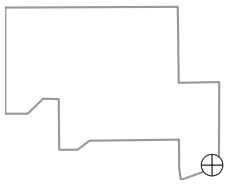
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

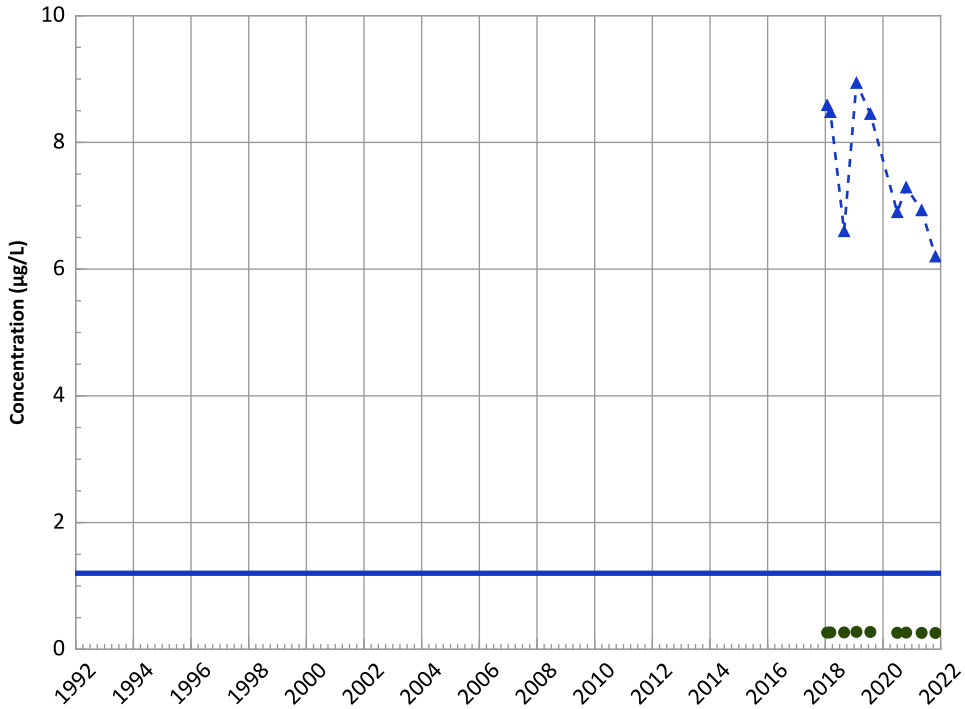
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

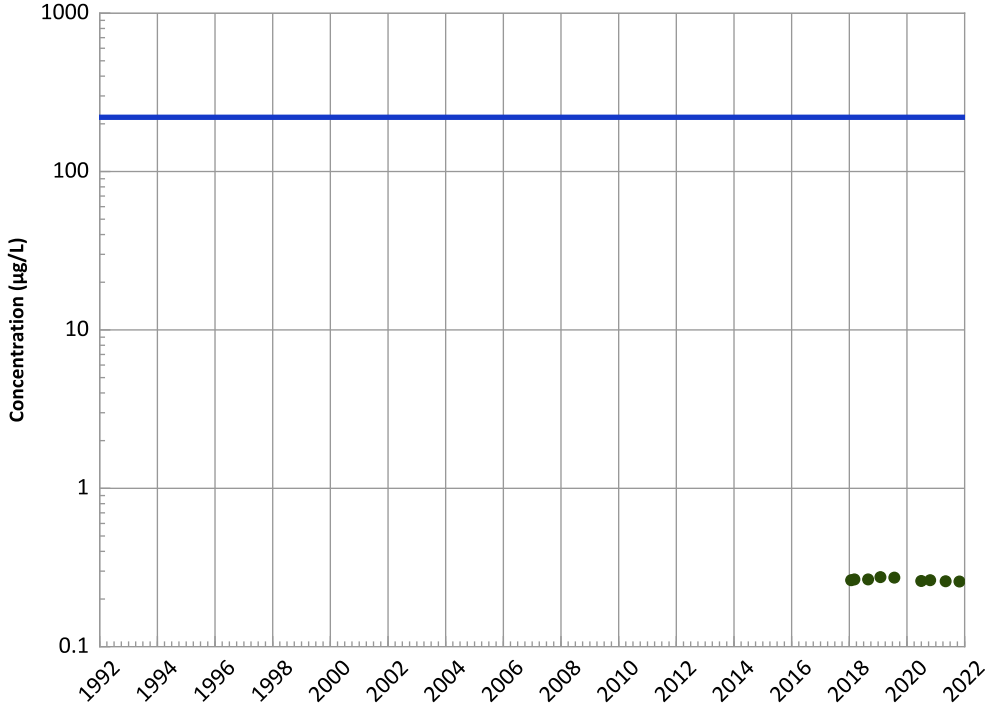


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

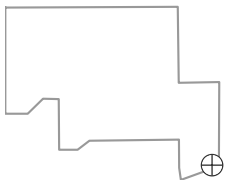
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

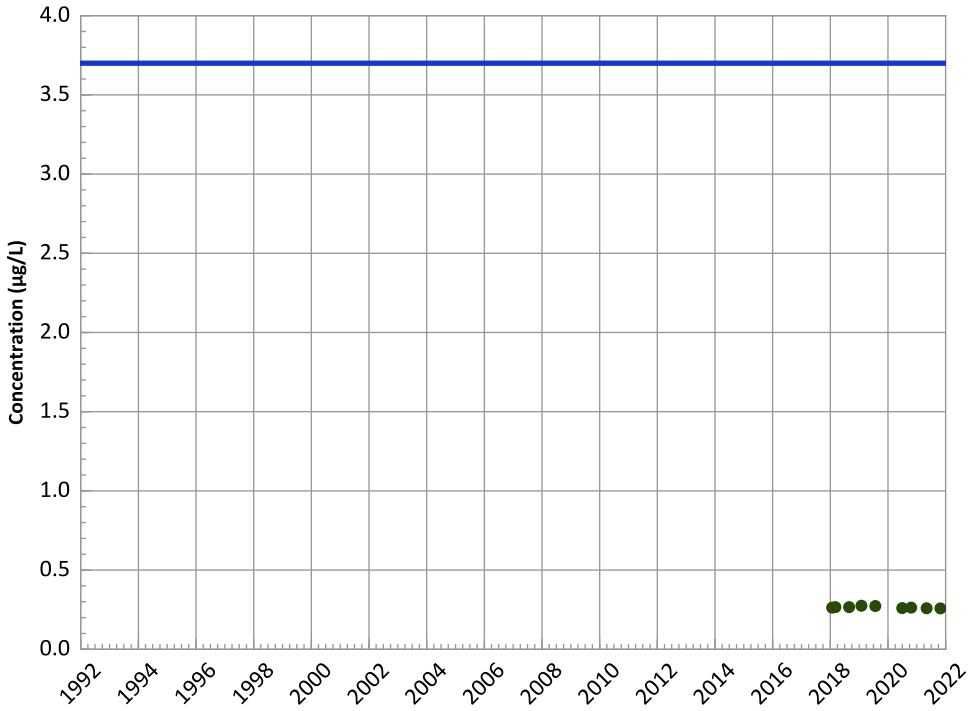
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

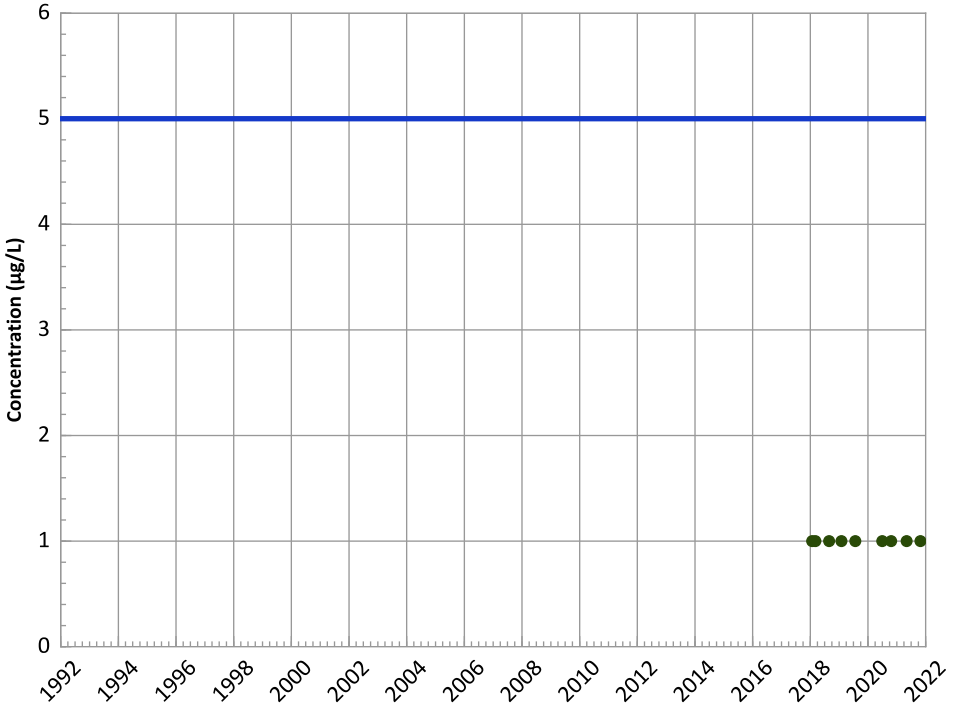


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

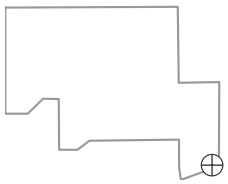
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

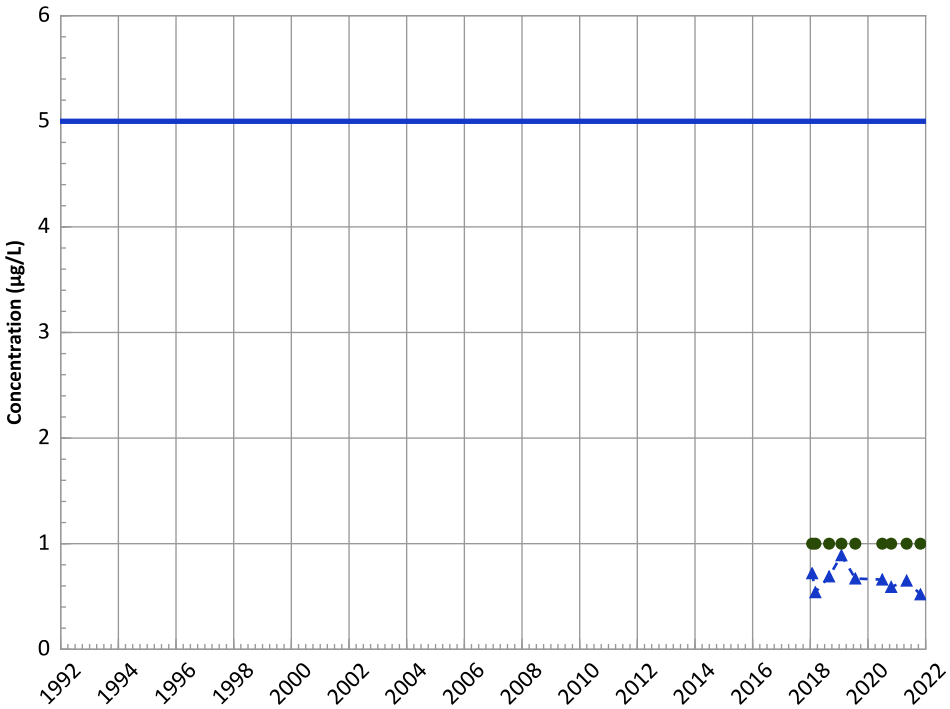
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

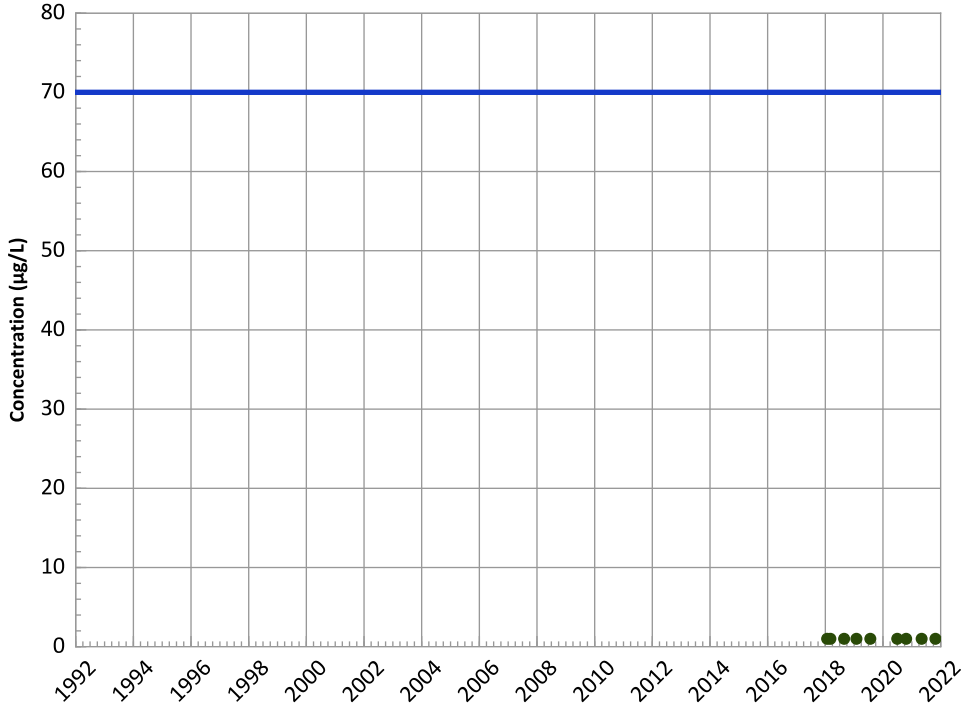


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

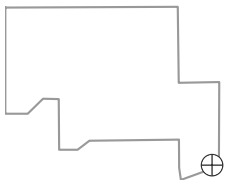
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

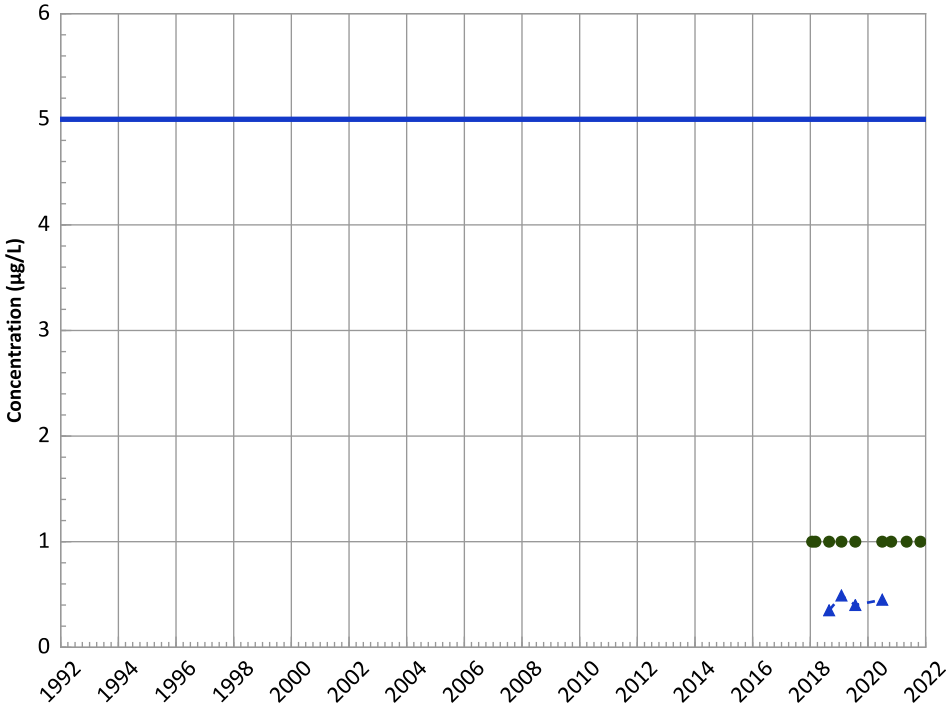
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

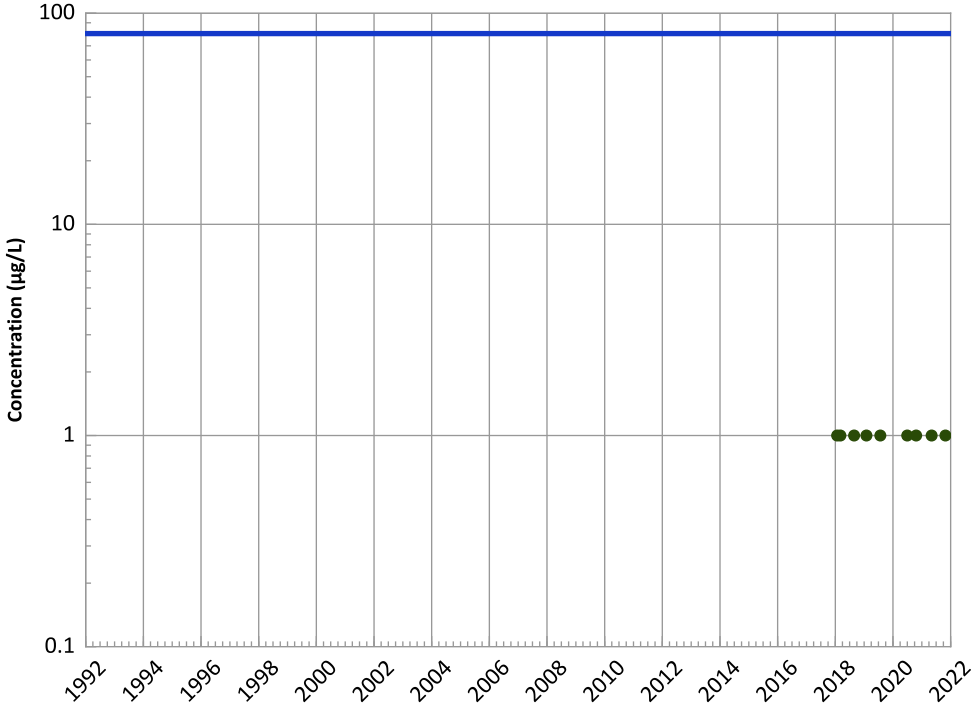


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Chloroform Trend



Concentration Trend

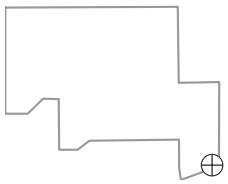
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

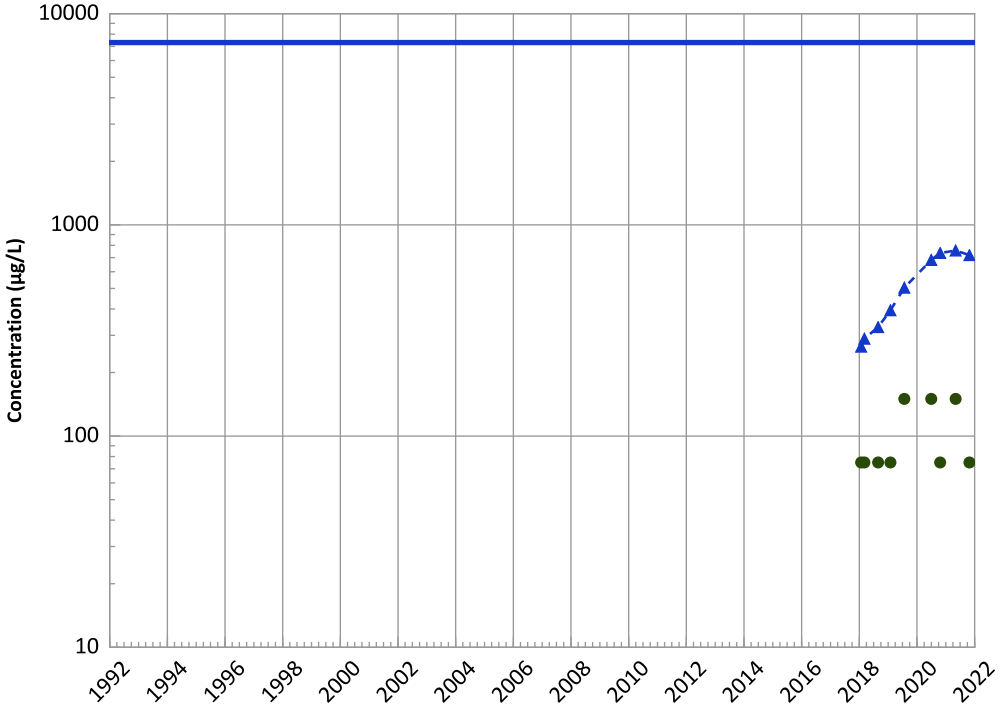
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

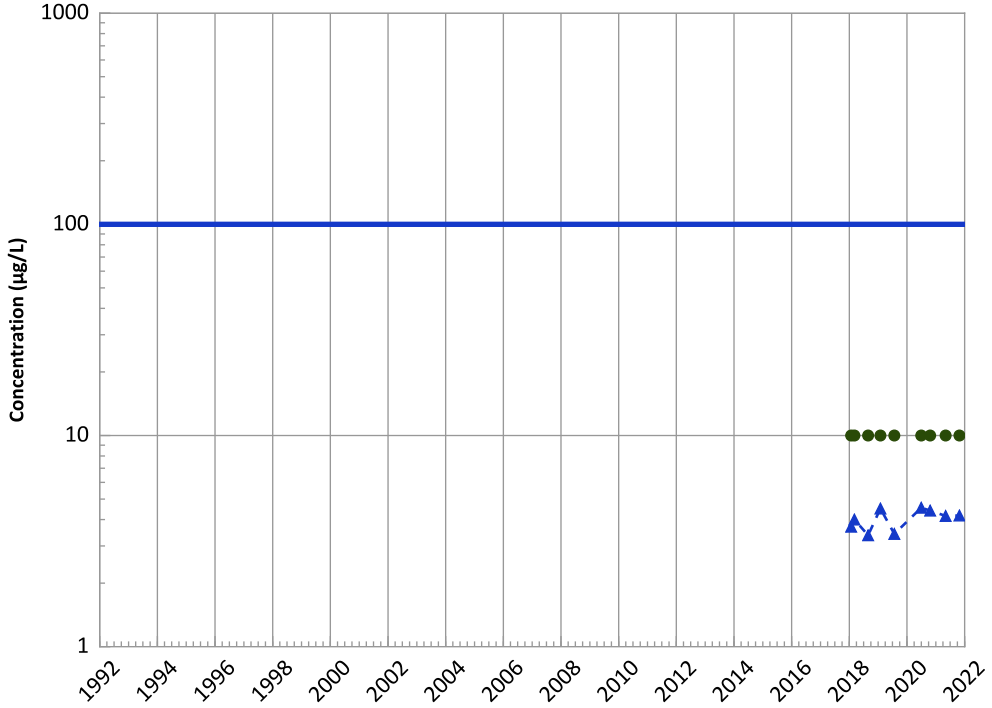


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

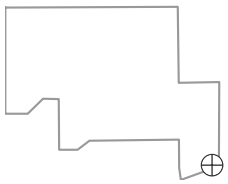
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

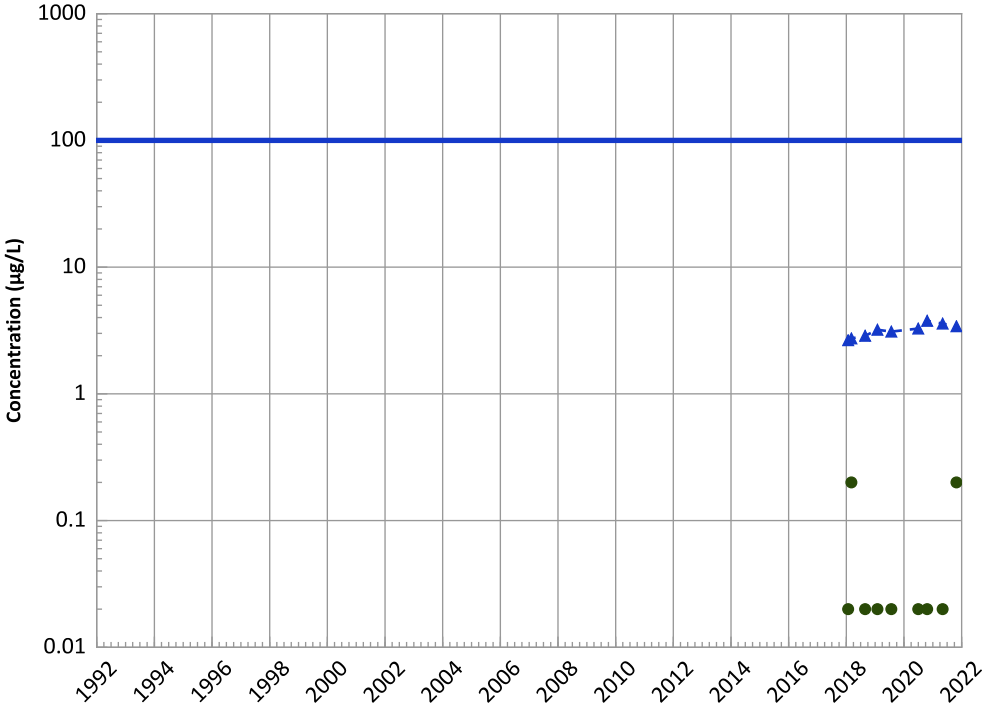
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1190 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

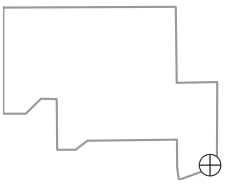
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

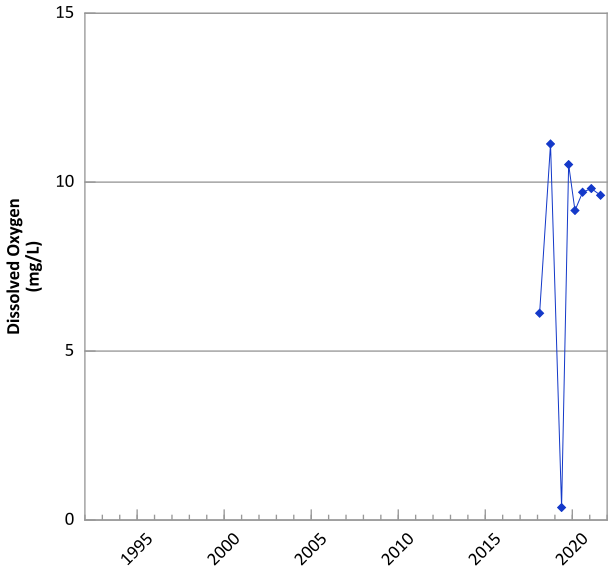
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/24/2018 to 10/27/2021
Analysis Date: 04/05/2022

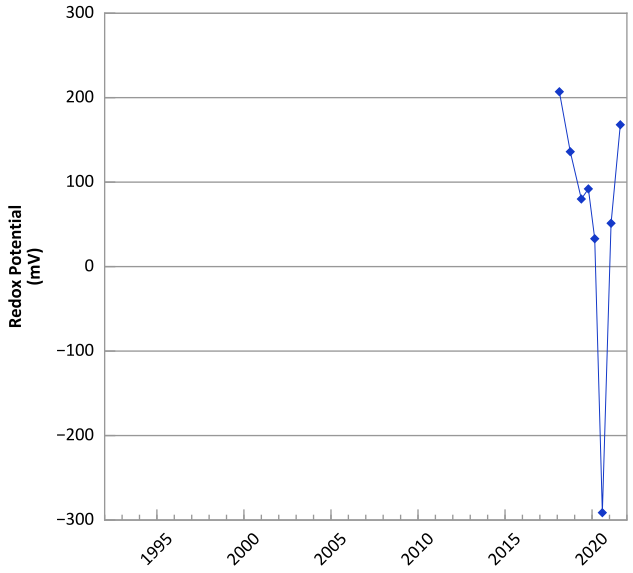
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

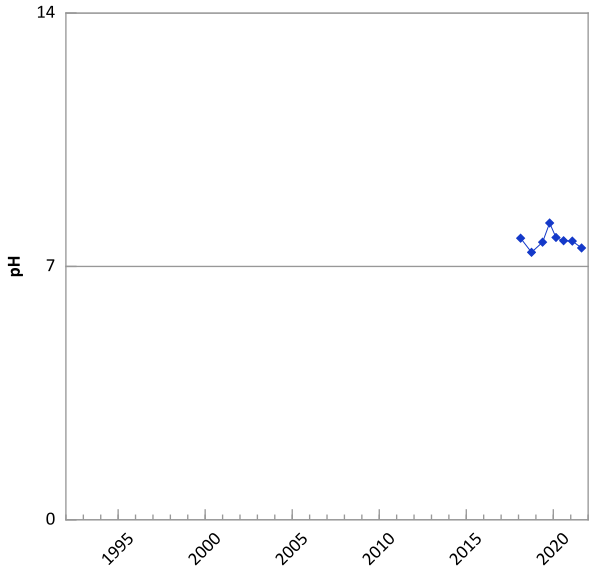
Well Location

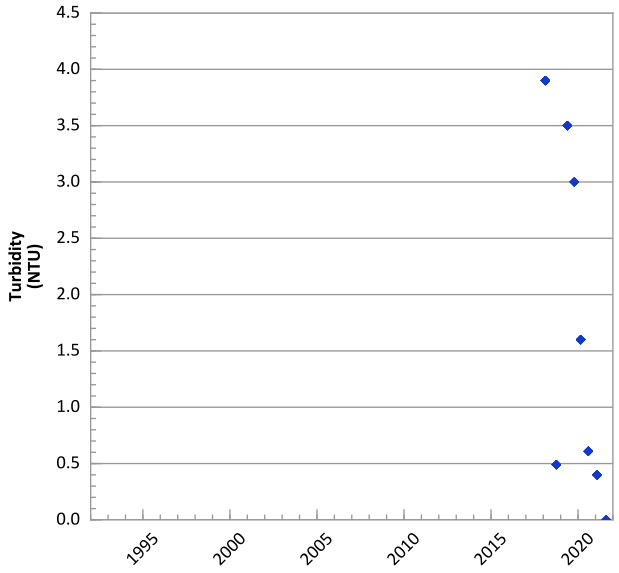


PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



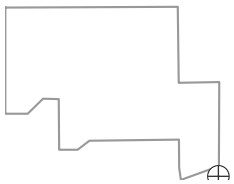






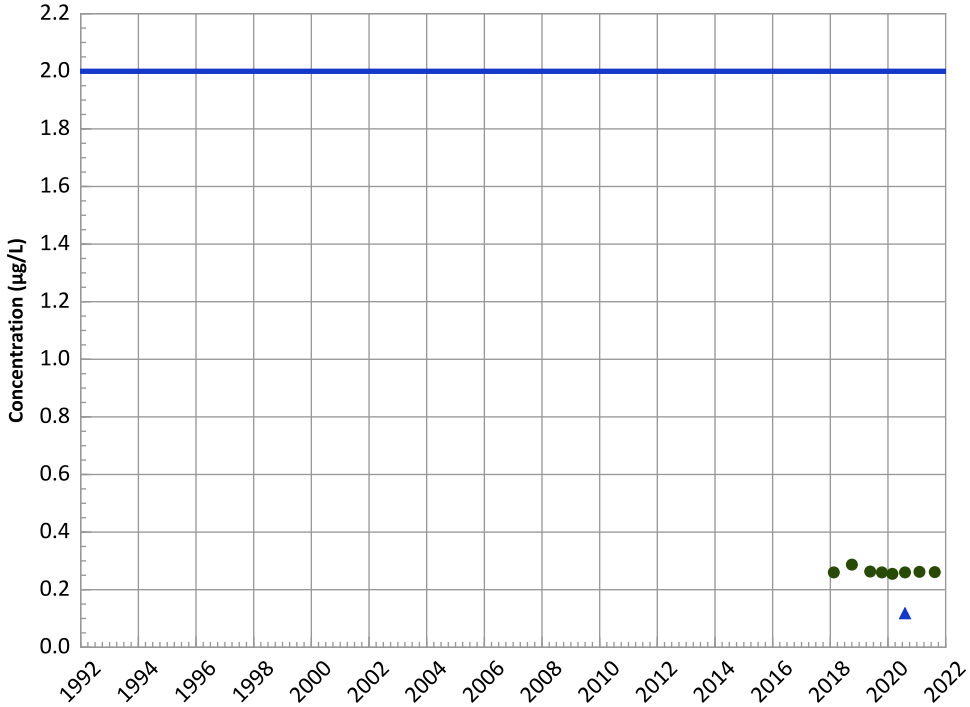
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

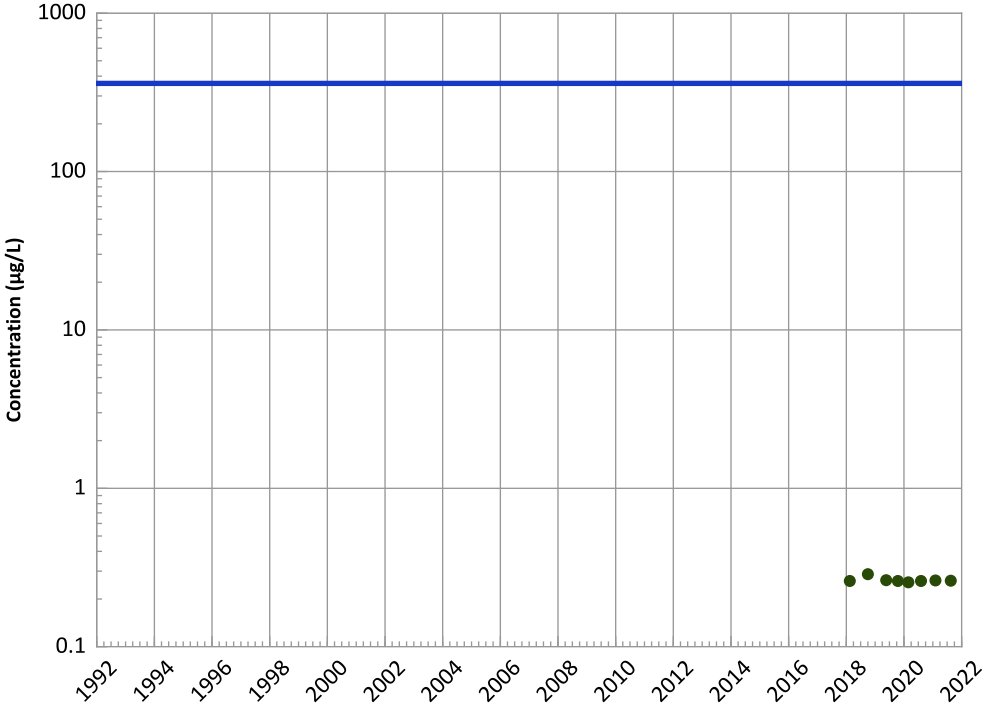


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

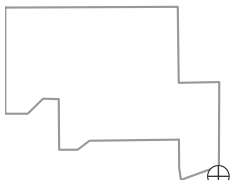
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

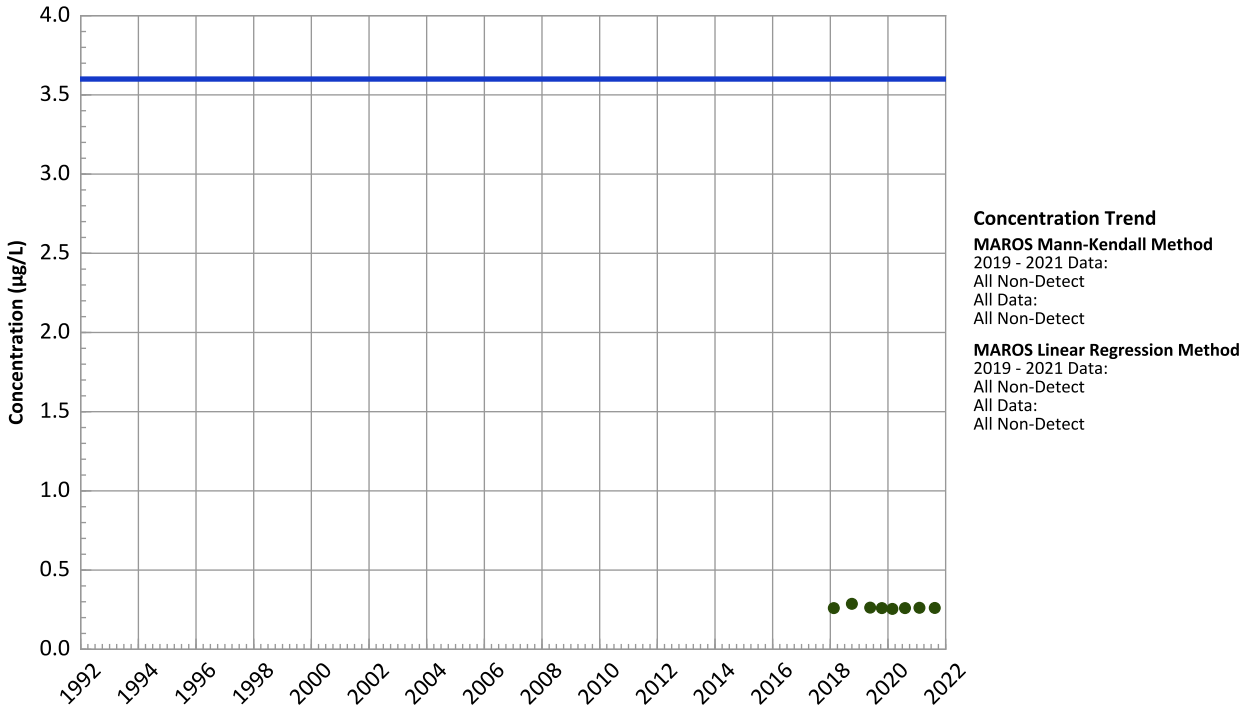
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

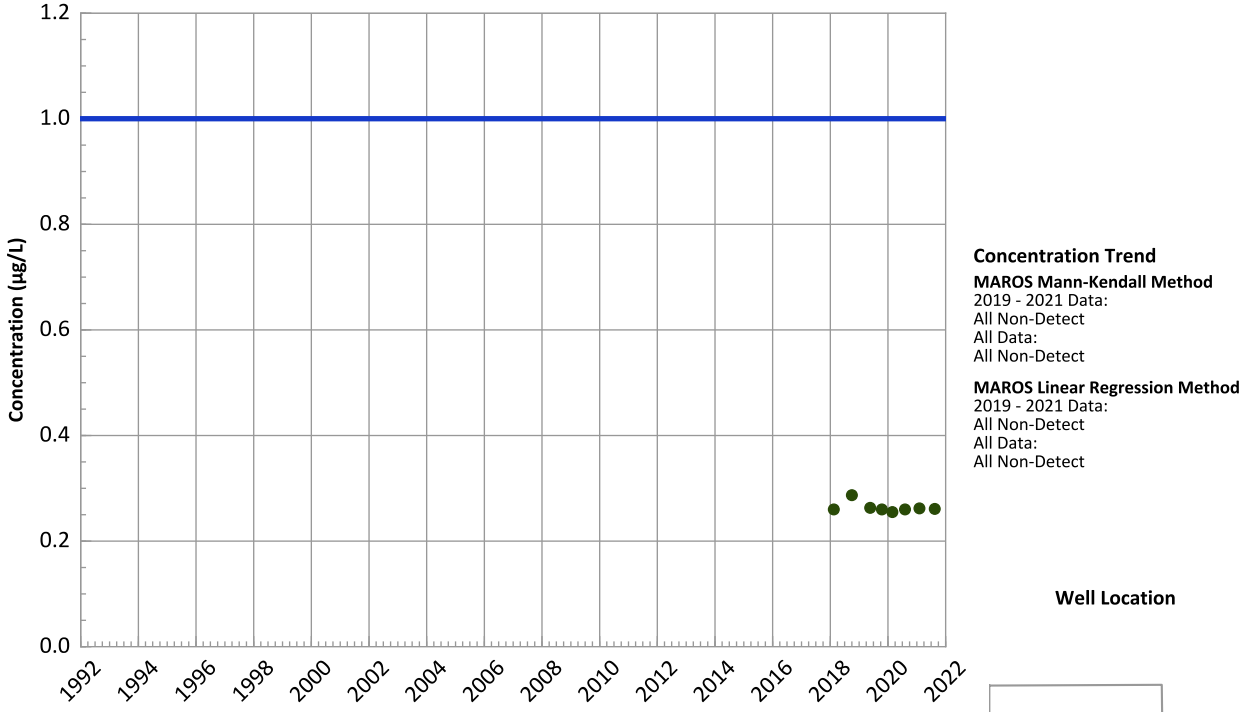


PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



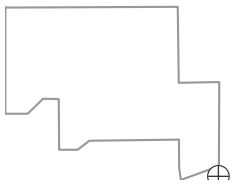
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

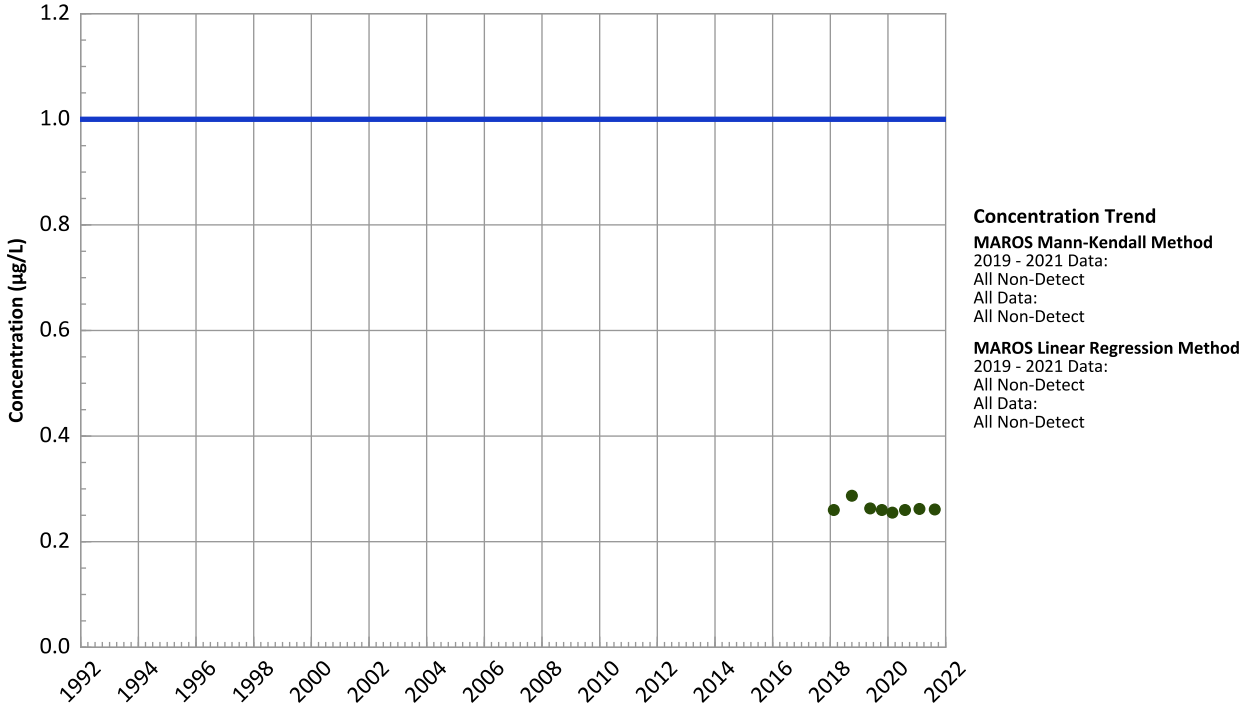
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

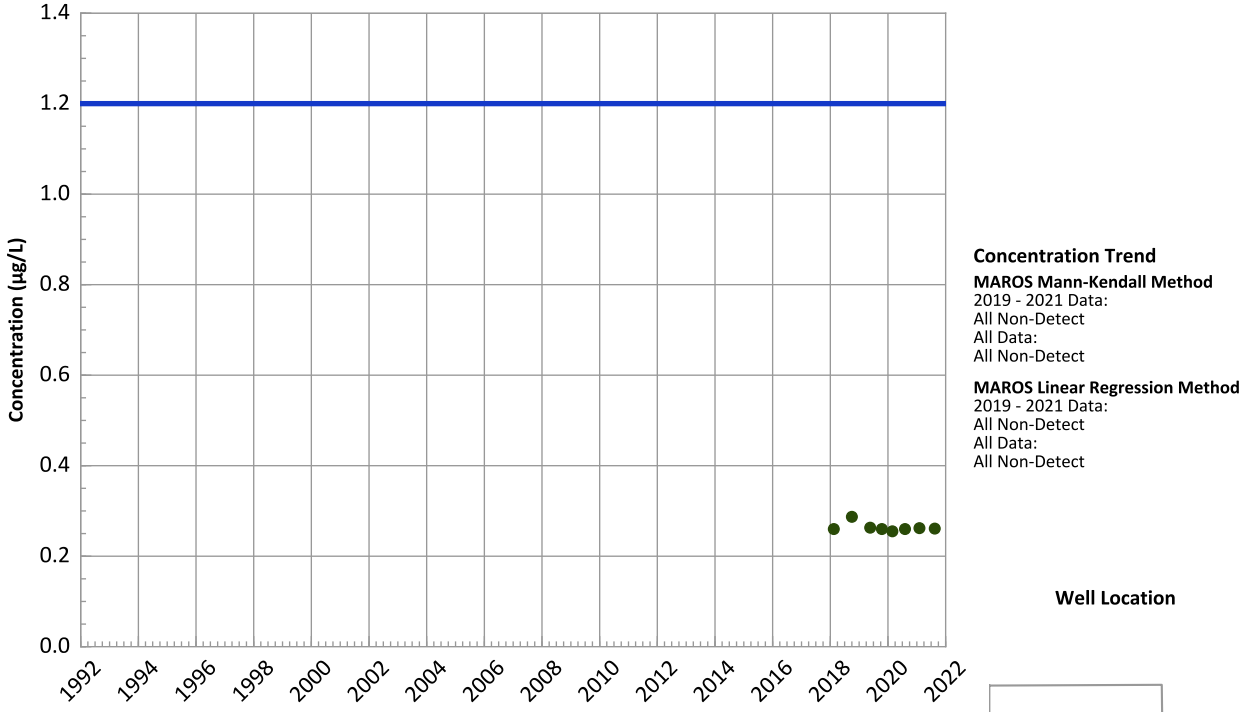


PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



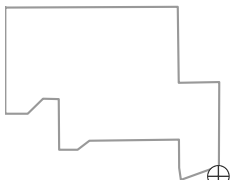
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

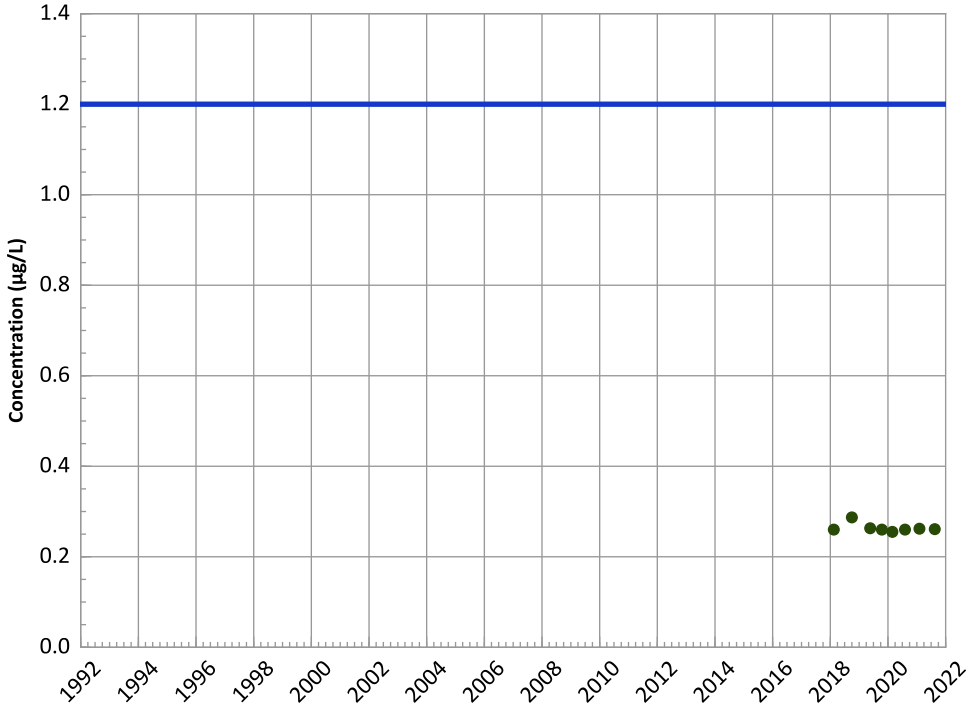
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

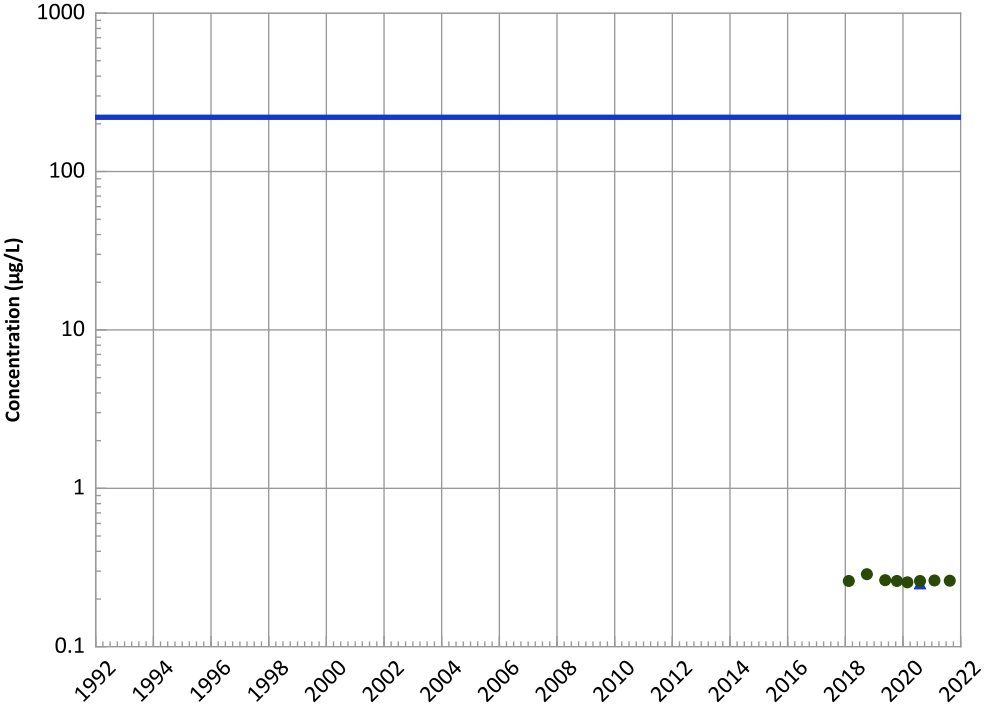


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

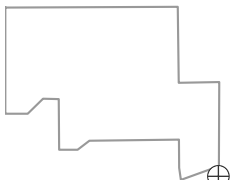
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

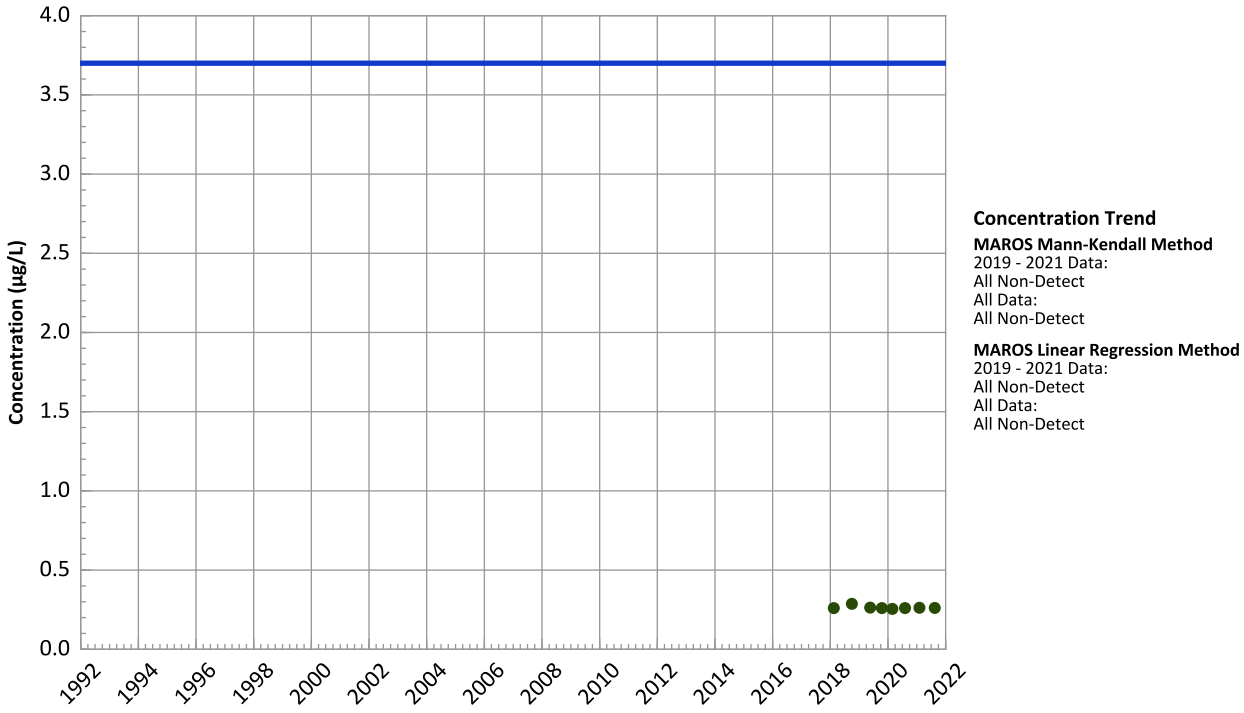
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

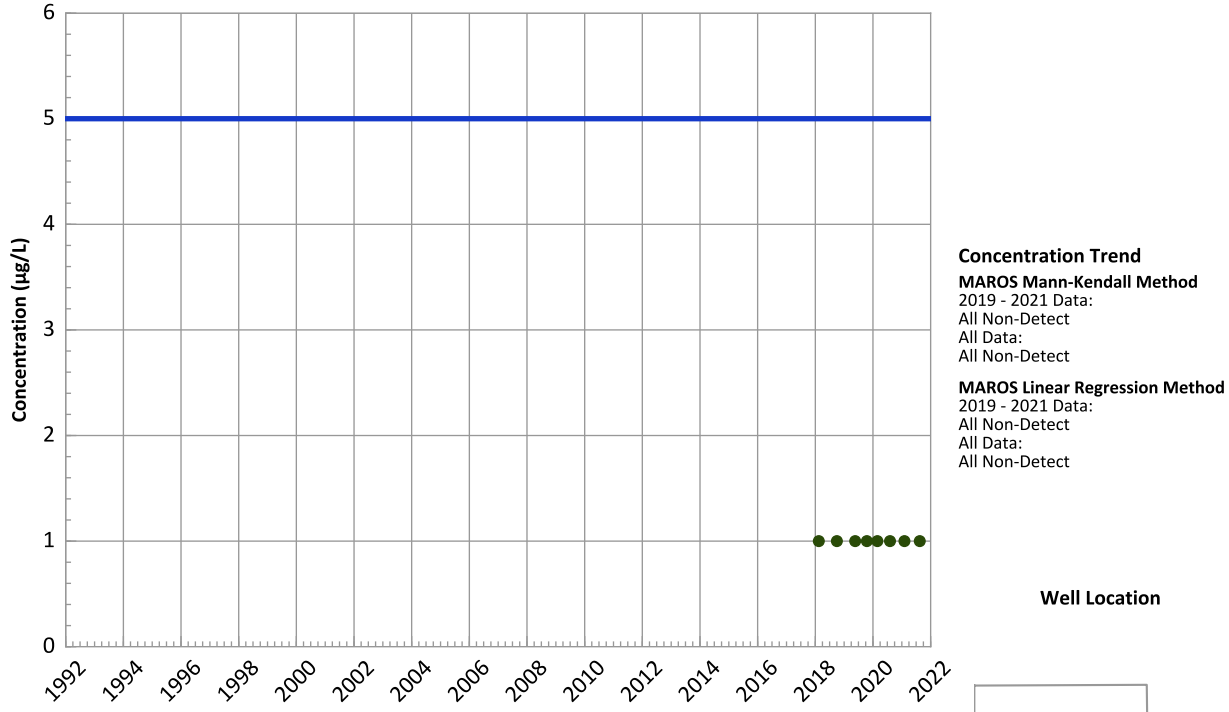


PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



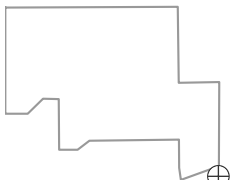
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

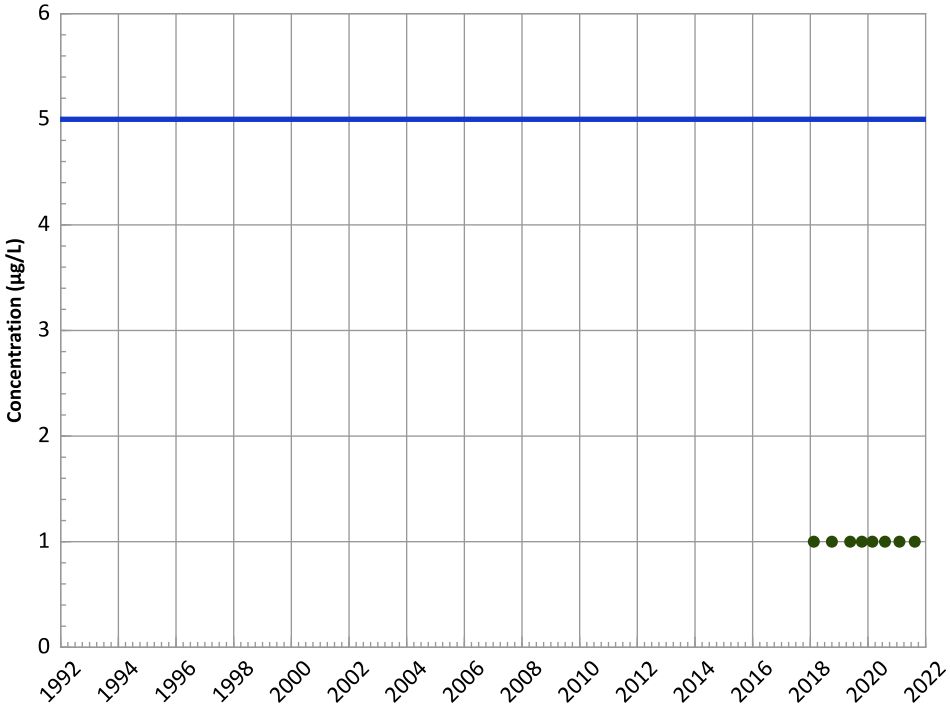
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

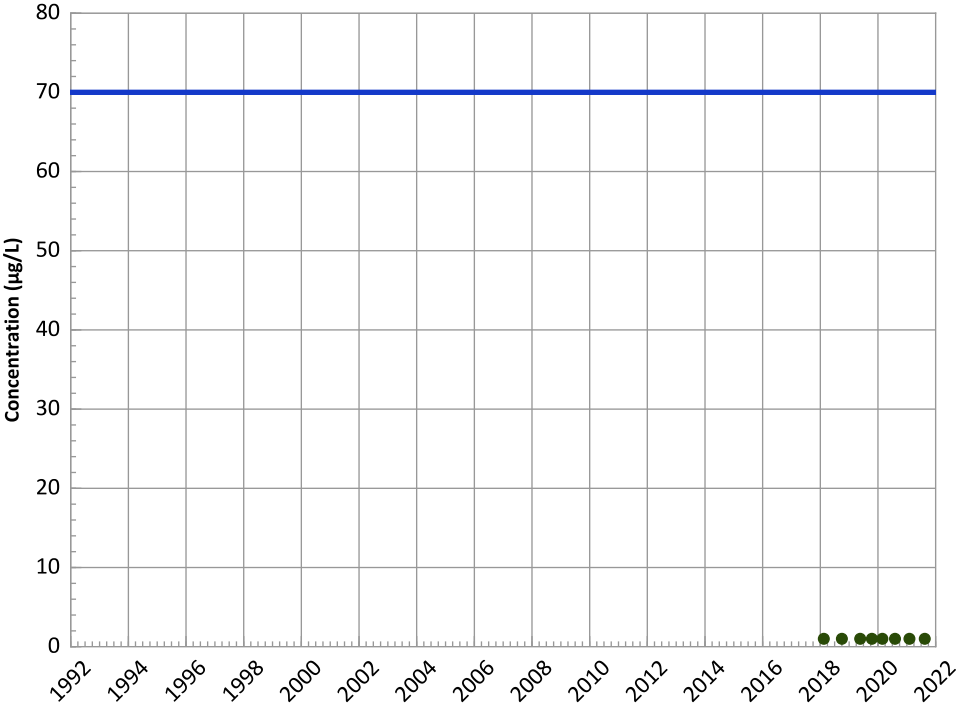


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

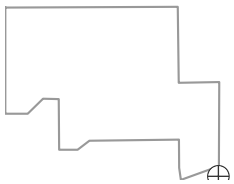
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

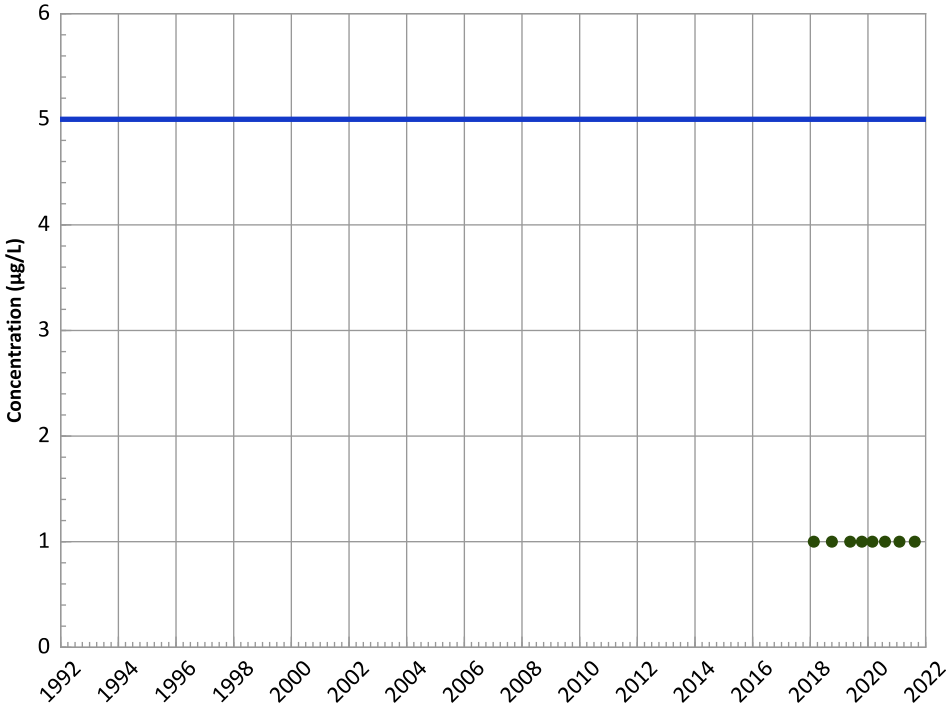
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

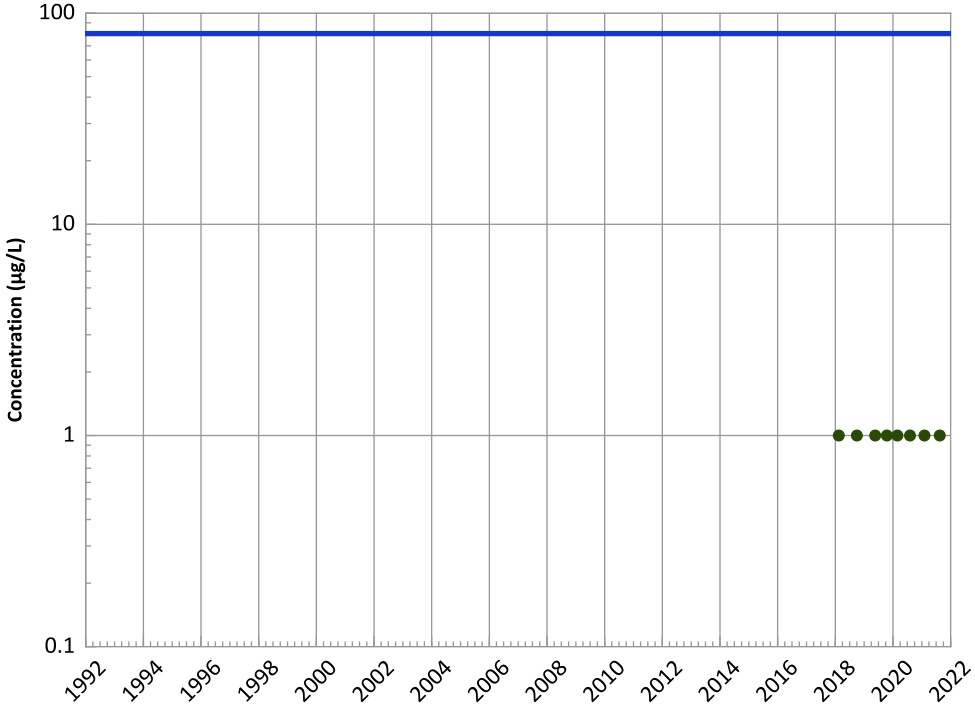


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

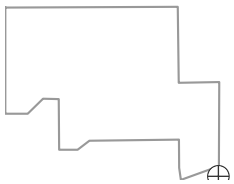
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

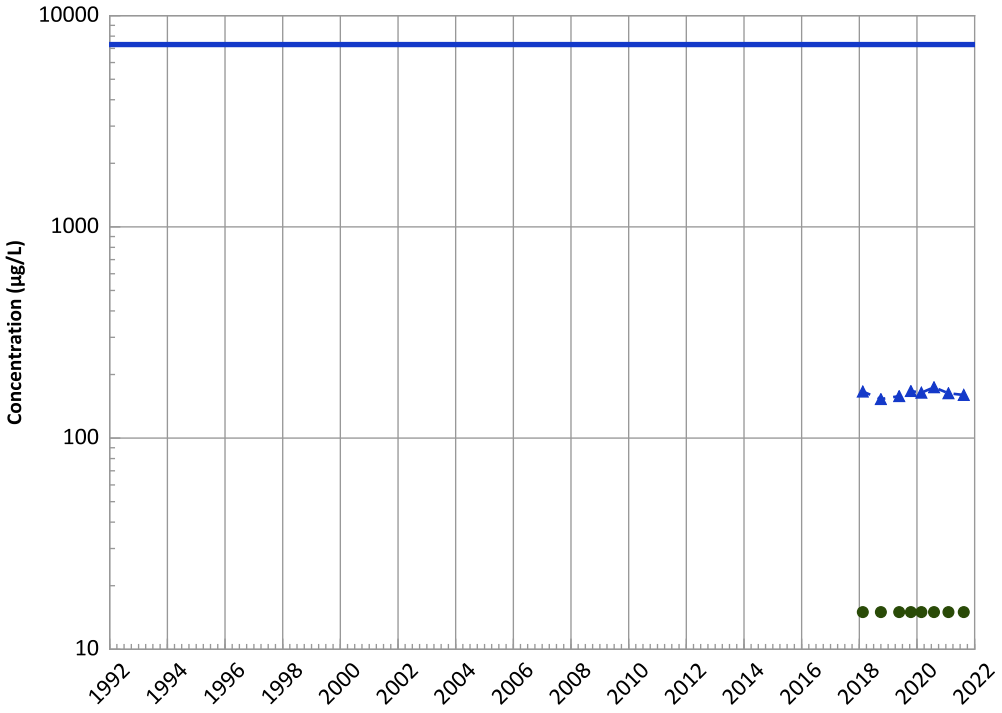
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

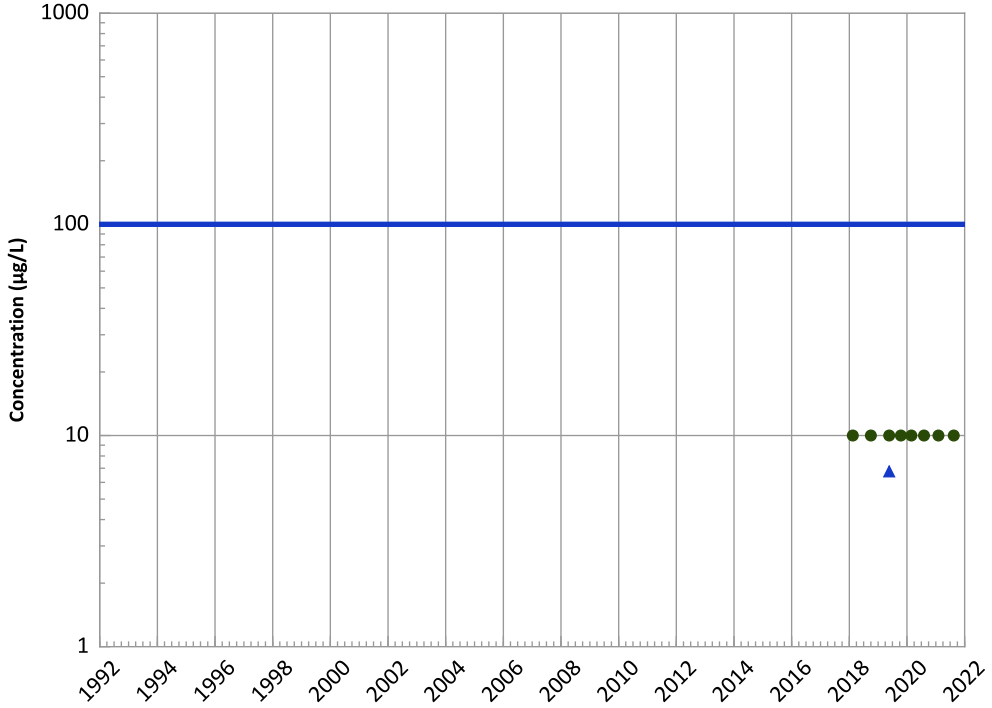


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

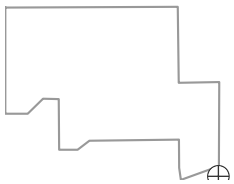
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

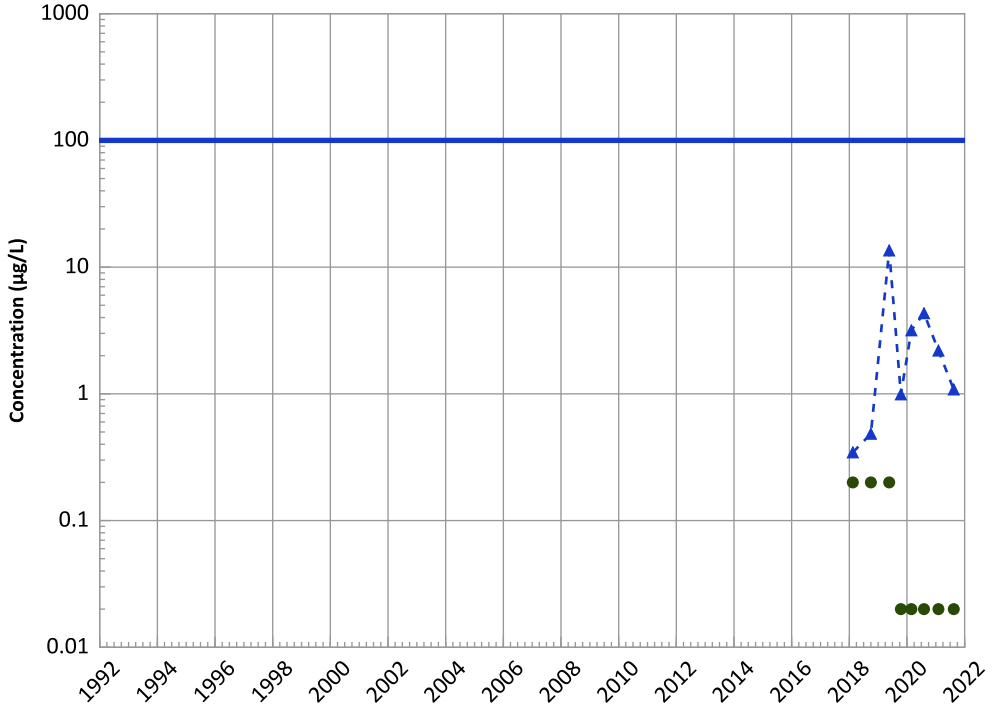
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1192 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

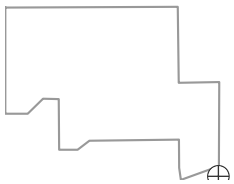
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

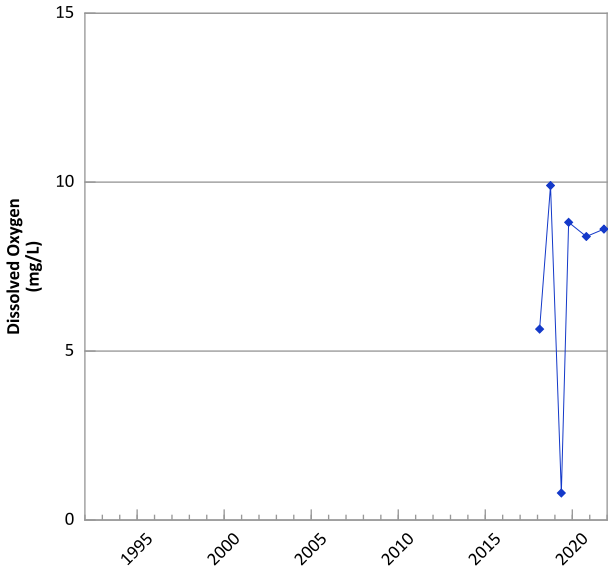
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 08/16/2021
Analysis Date: 04/05/2022

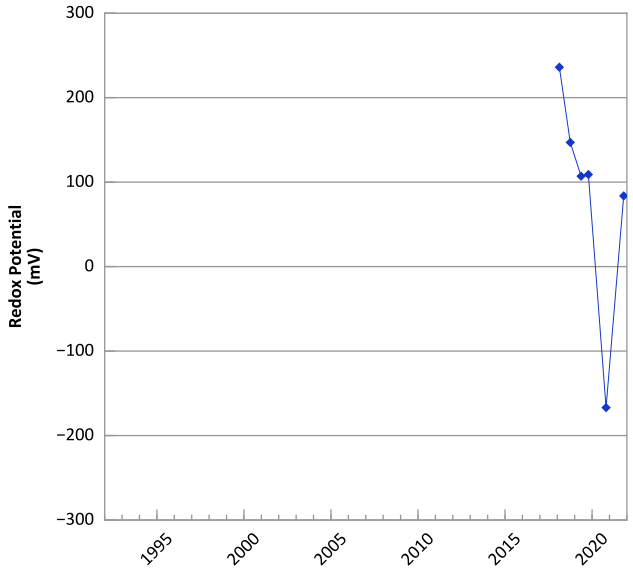
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

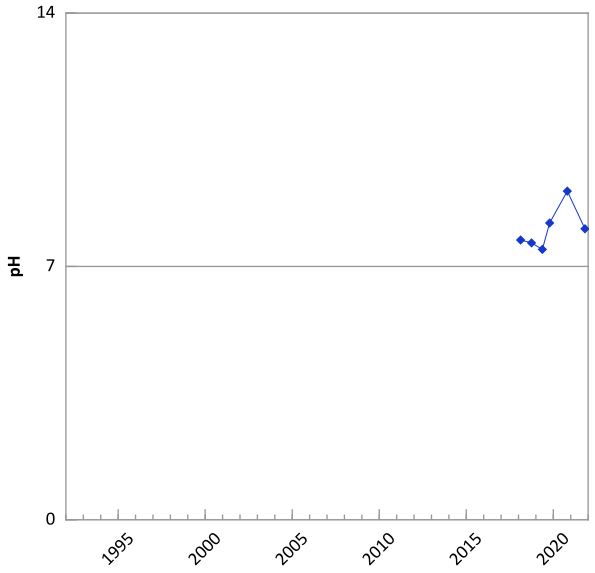
Well Location

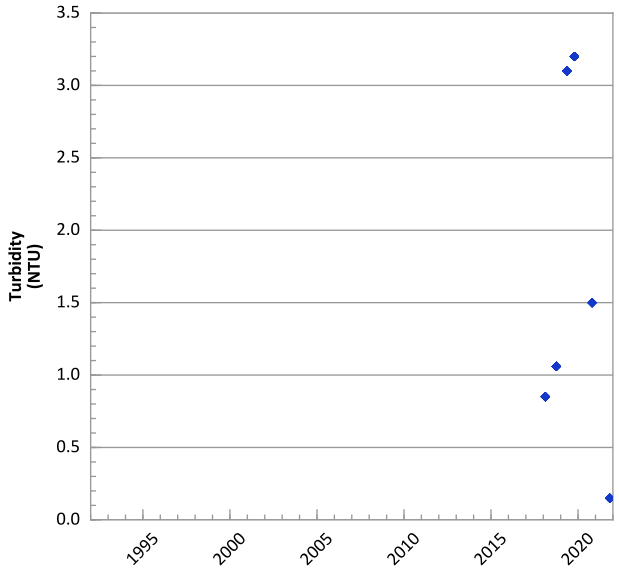


PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



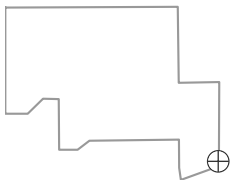






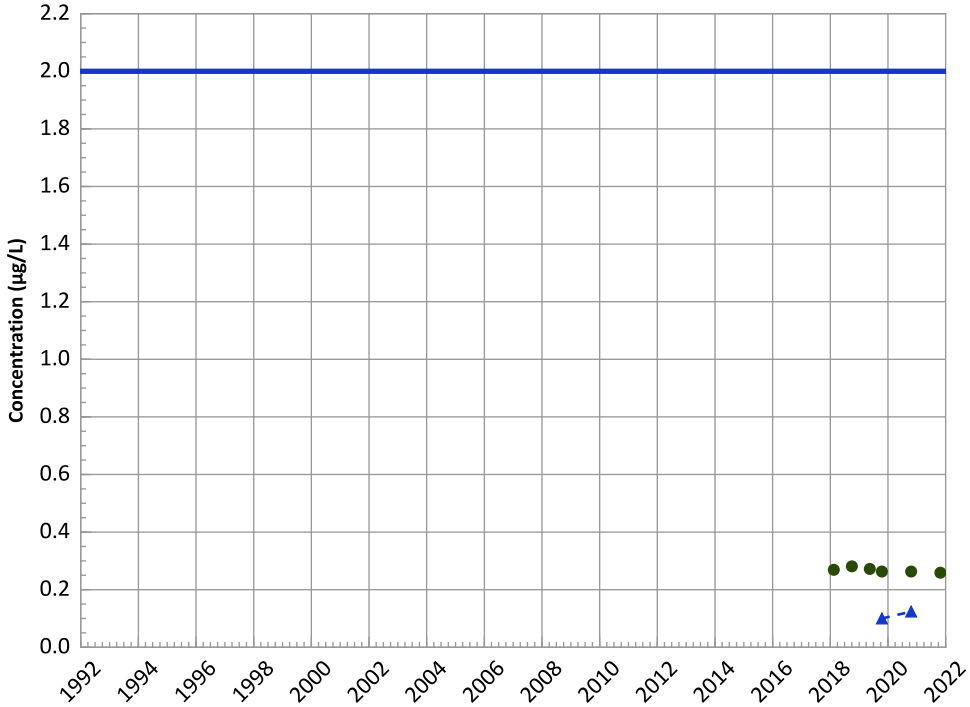
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

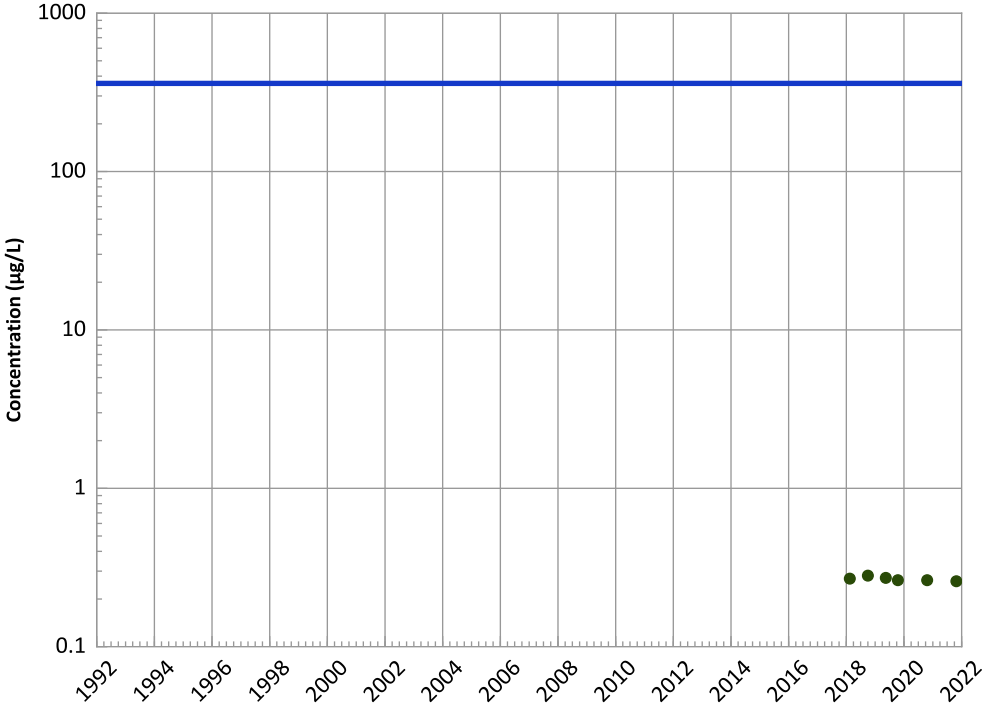


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

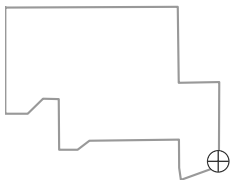
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

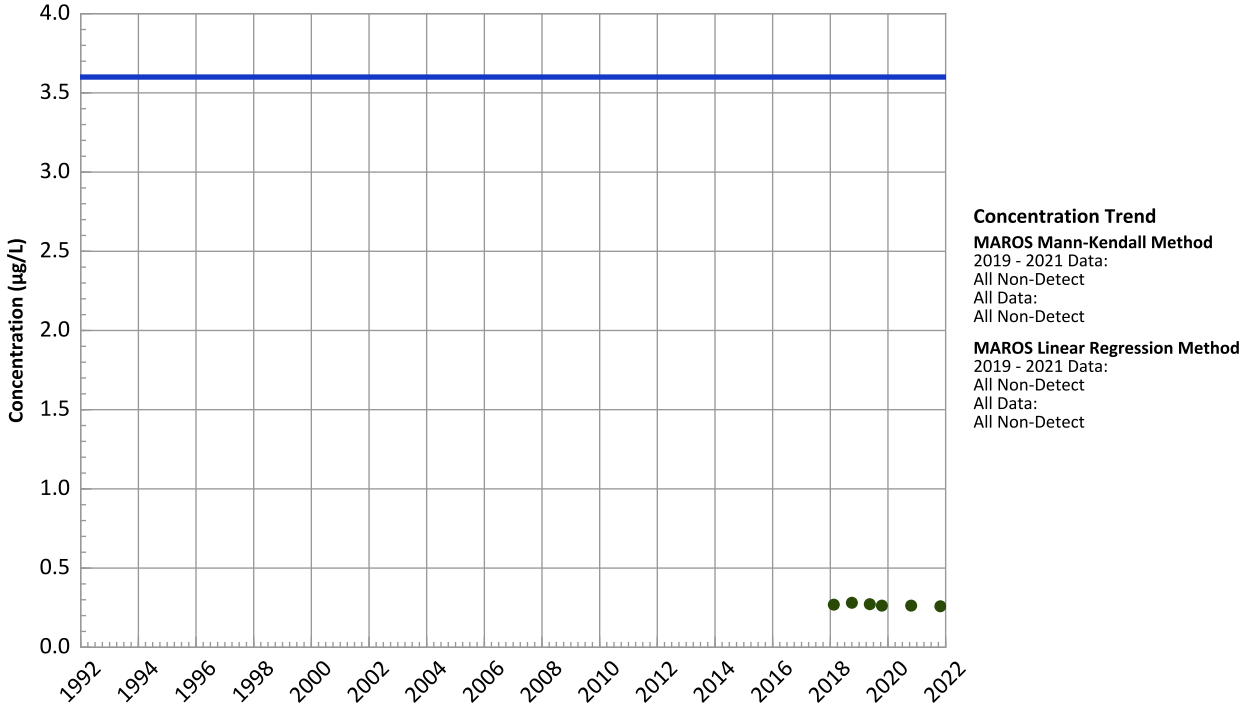
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location

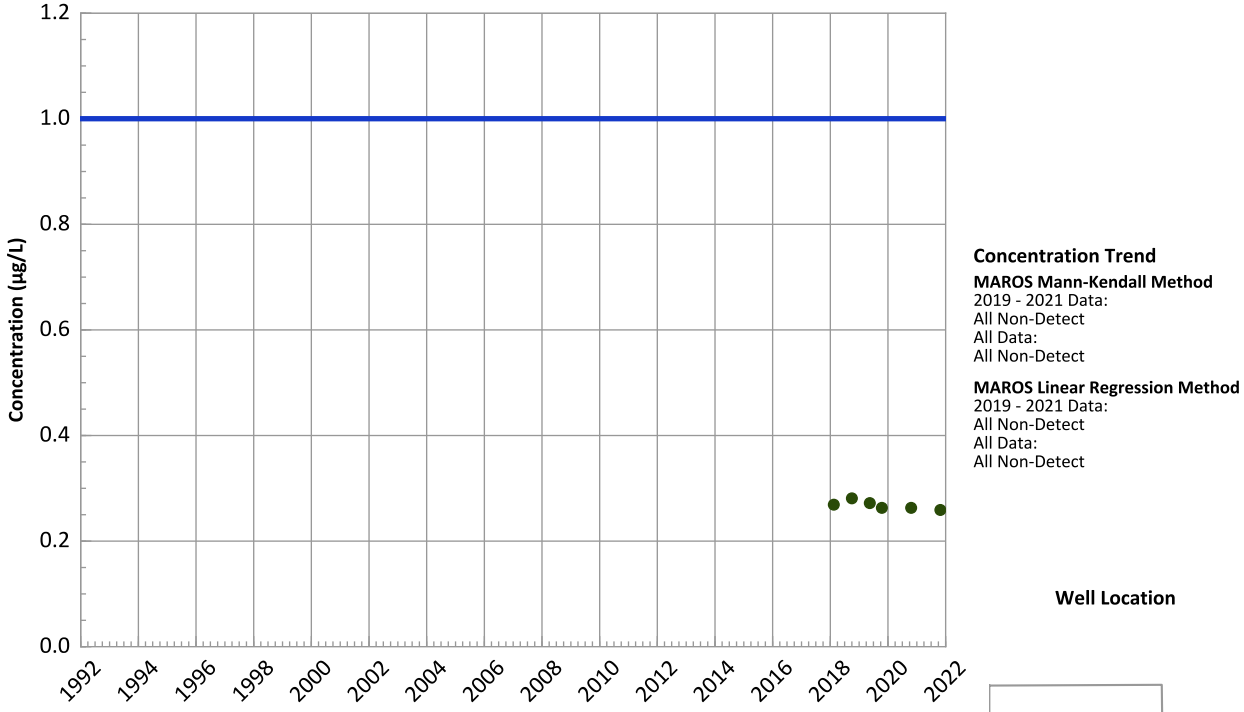


PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



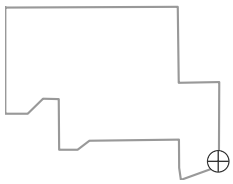
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

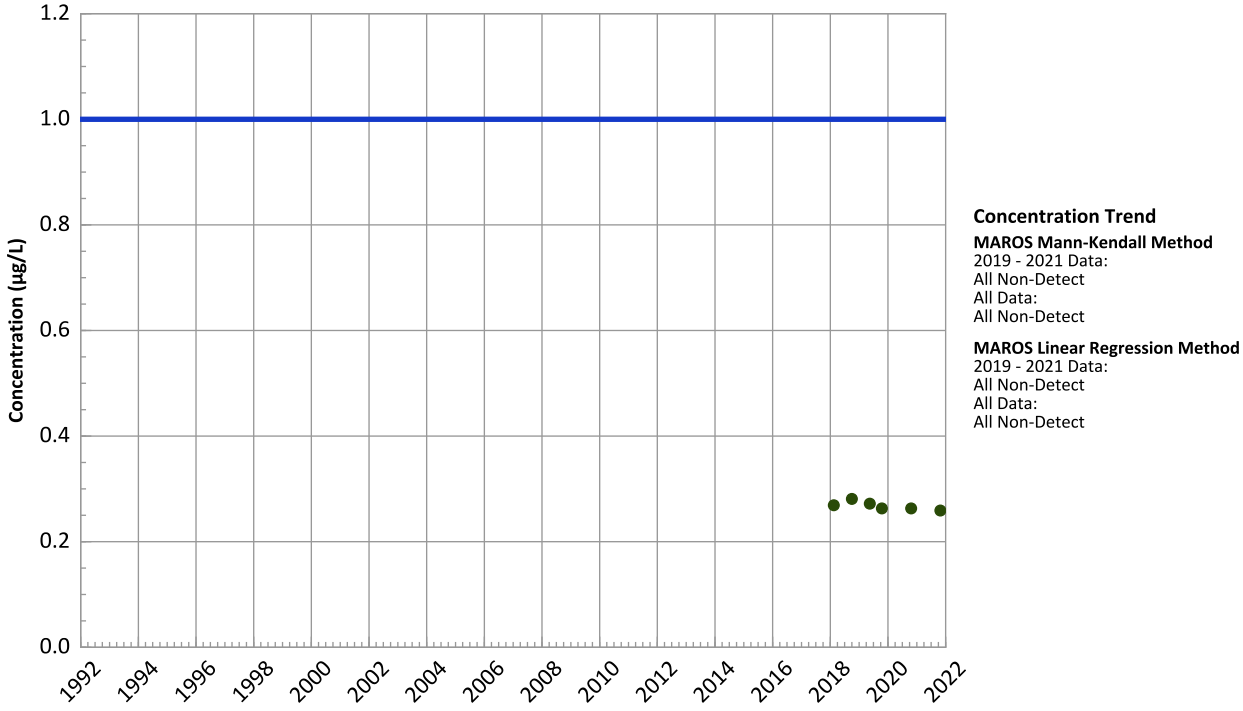
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

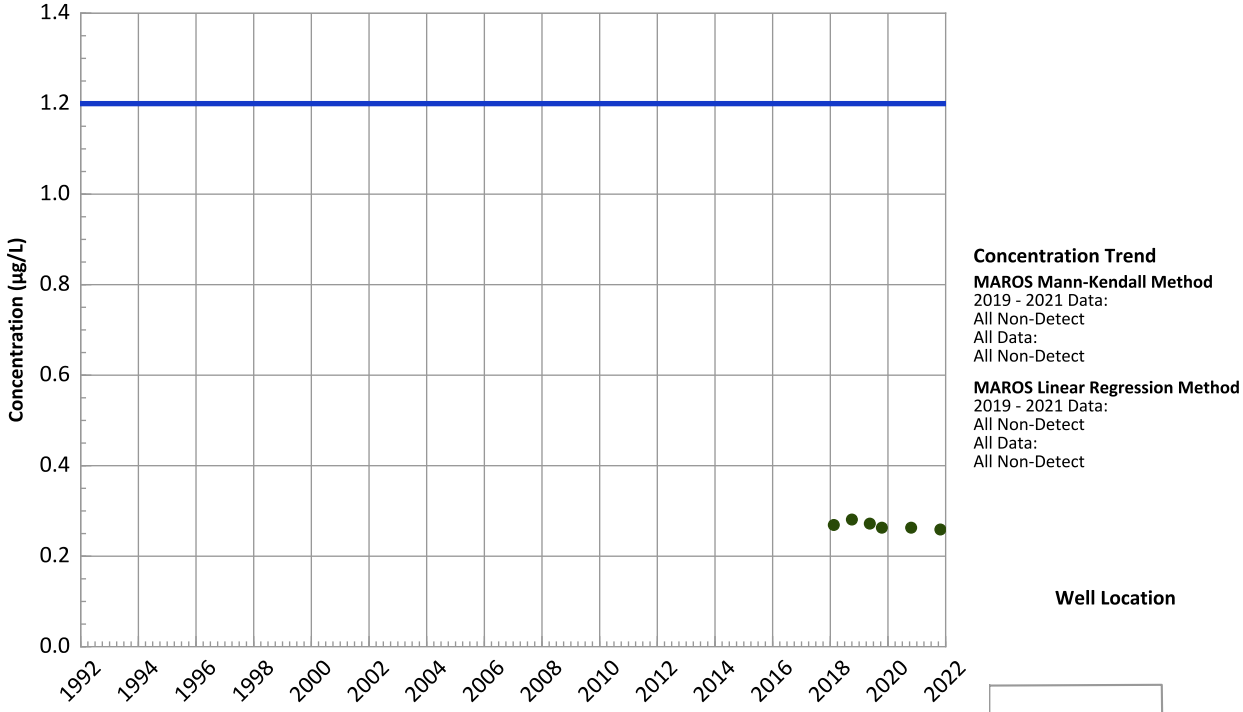


PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



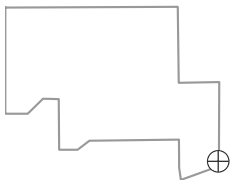
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

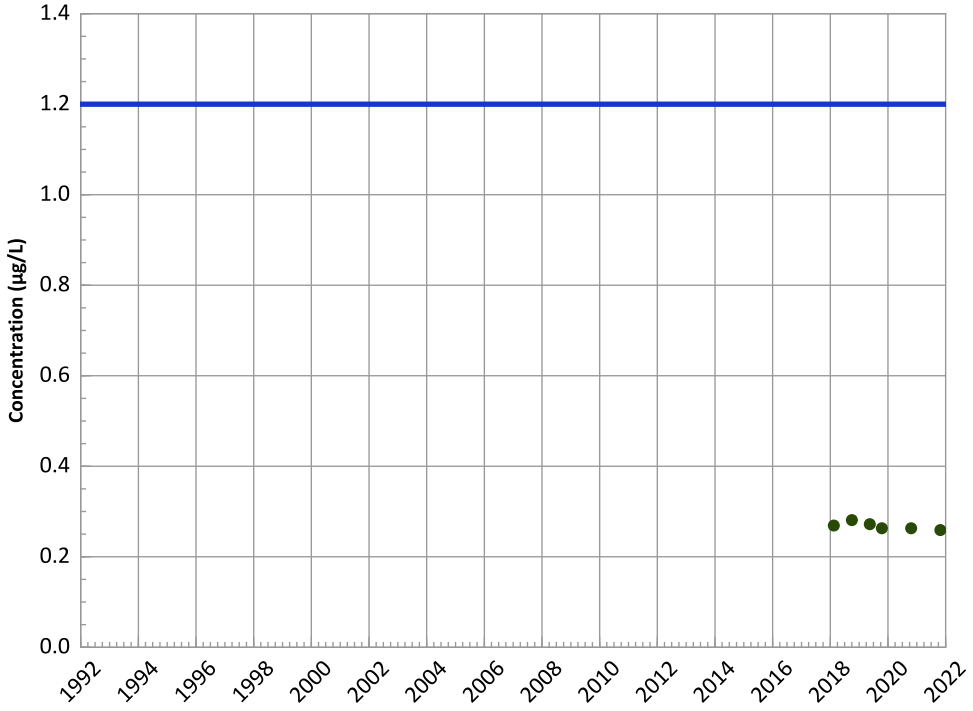
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

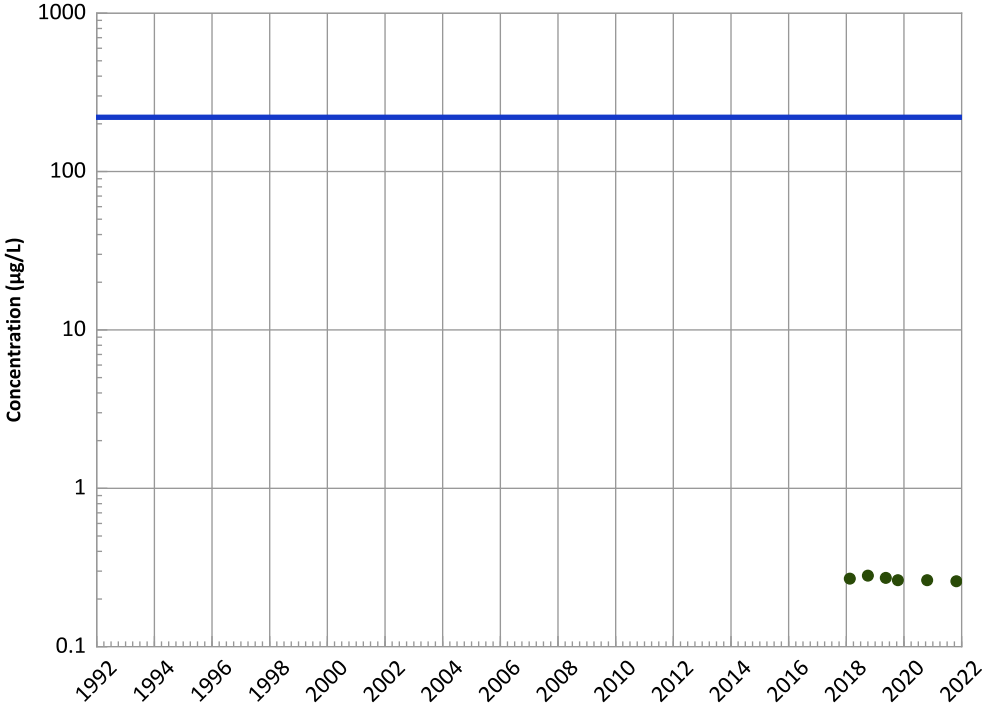


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

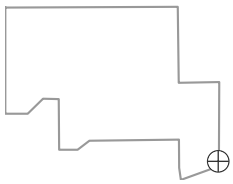
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

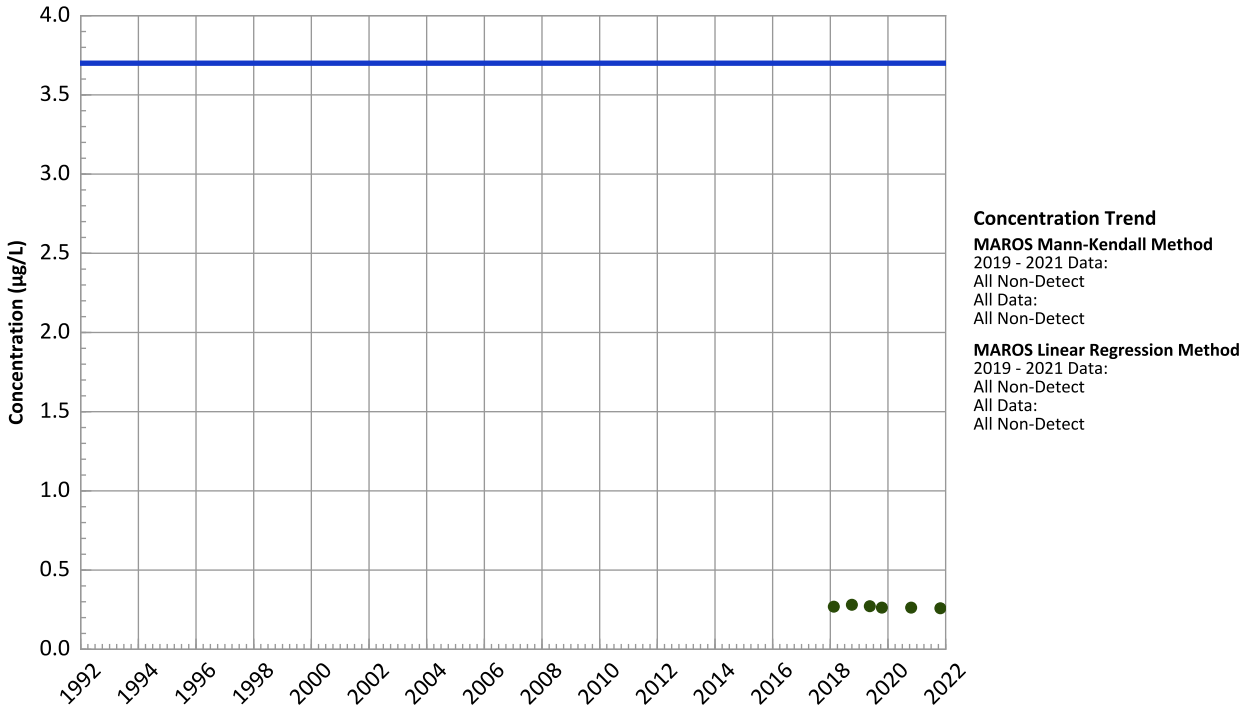
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

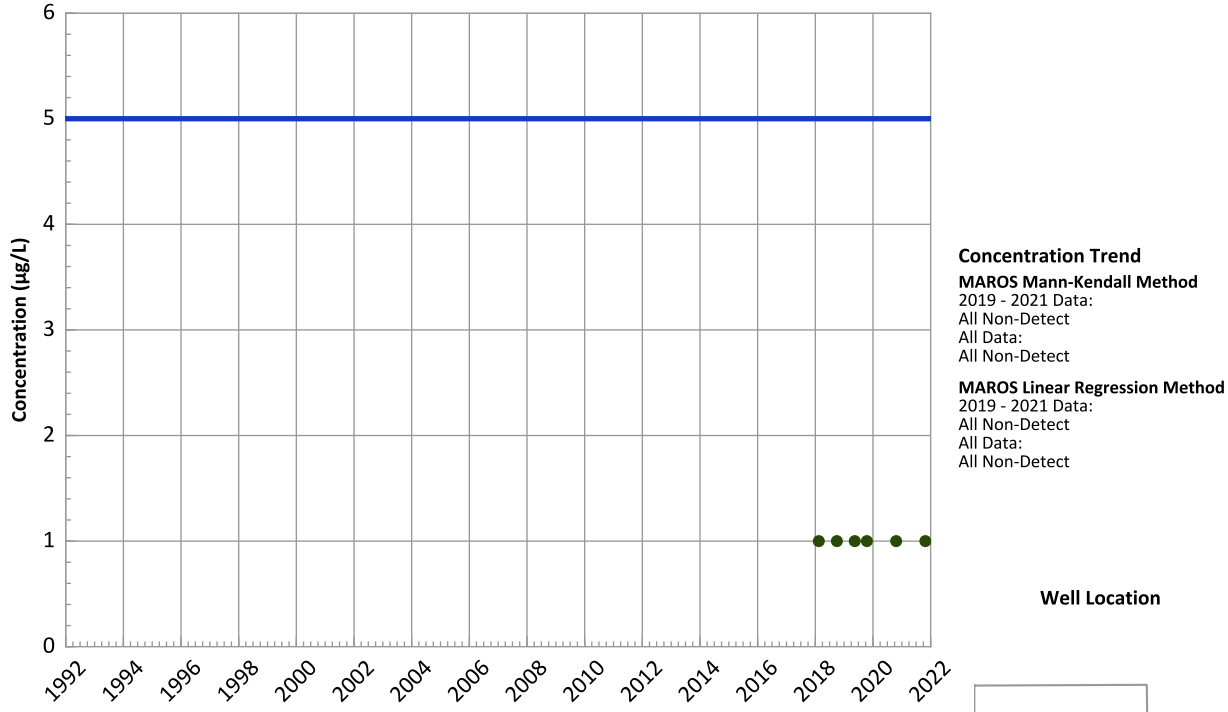


PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



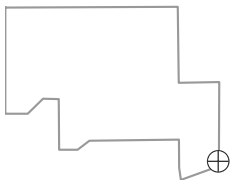
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

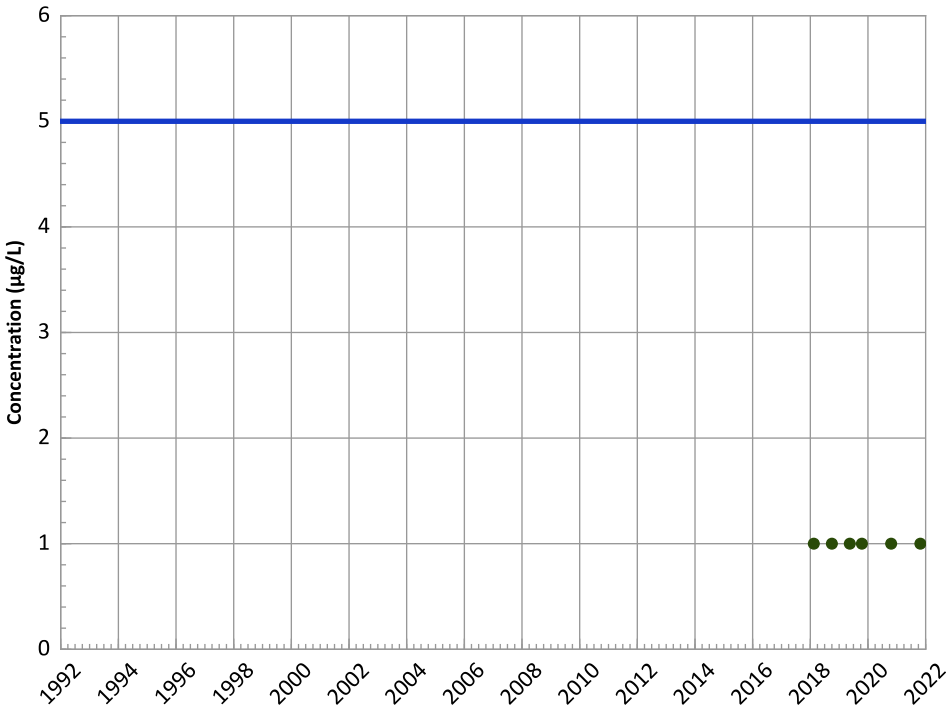
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

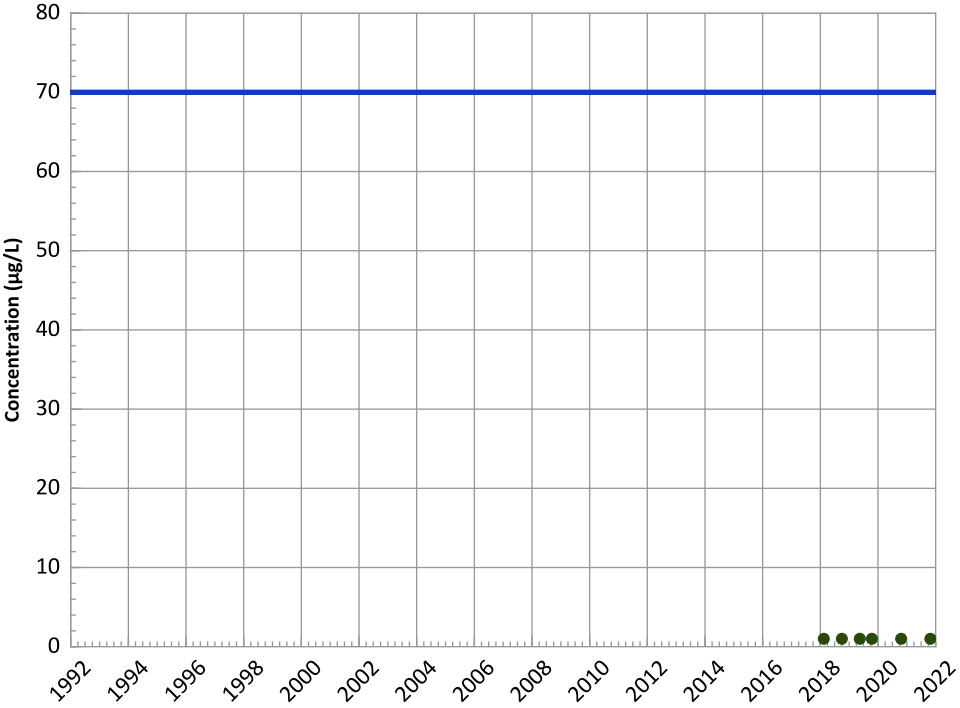


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

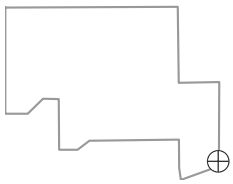
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

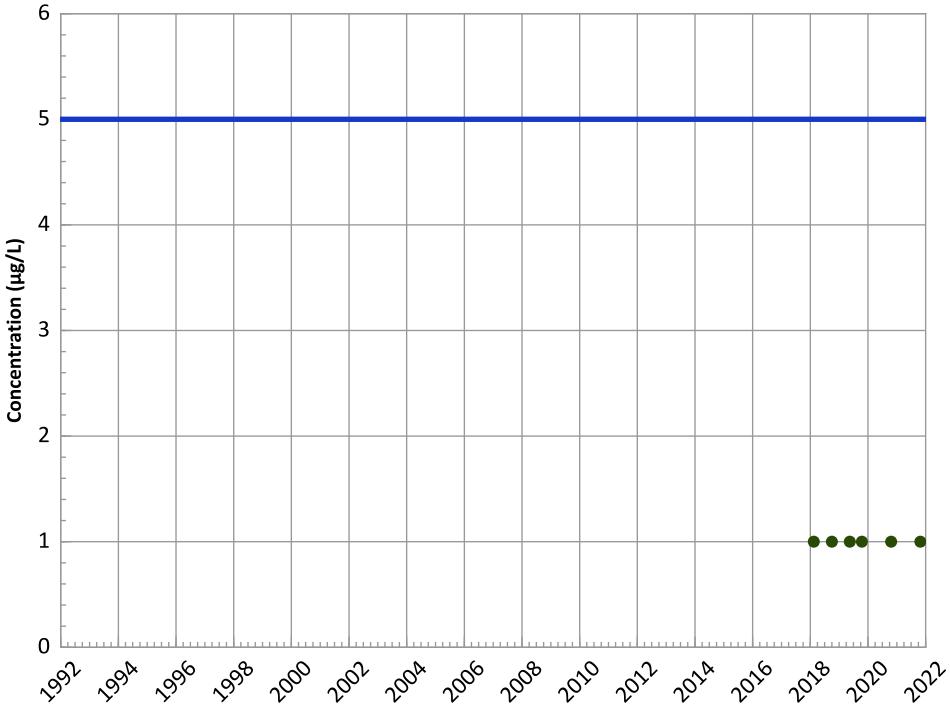
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

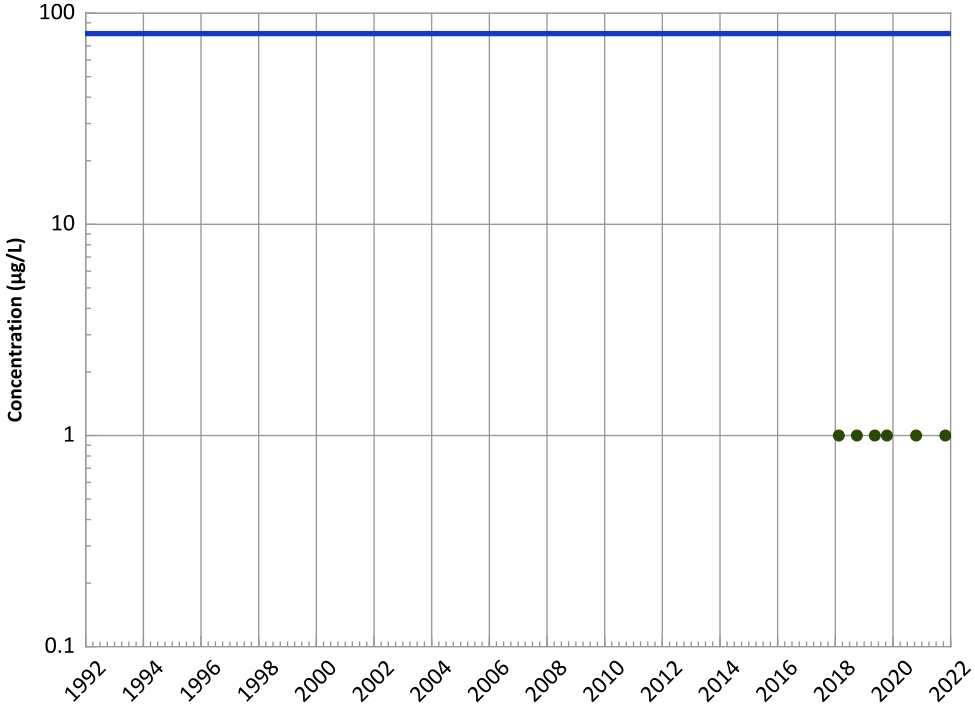


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

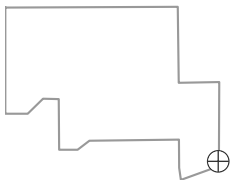
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

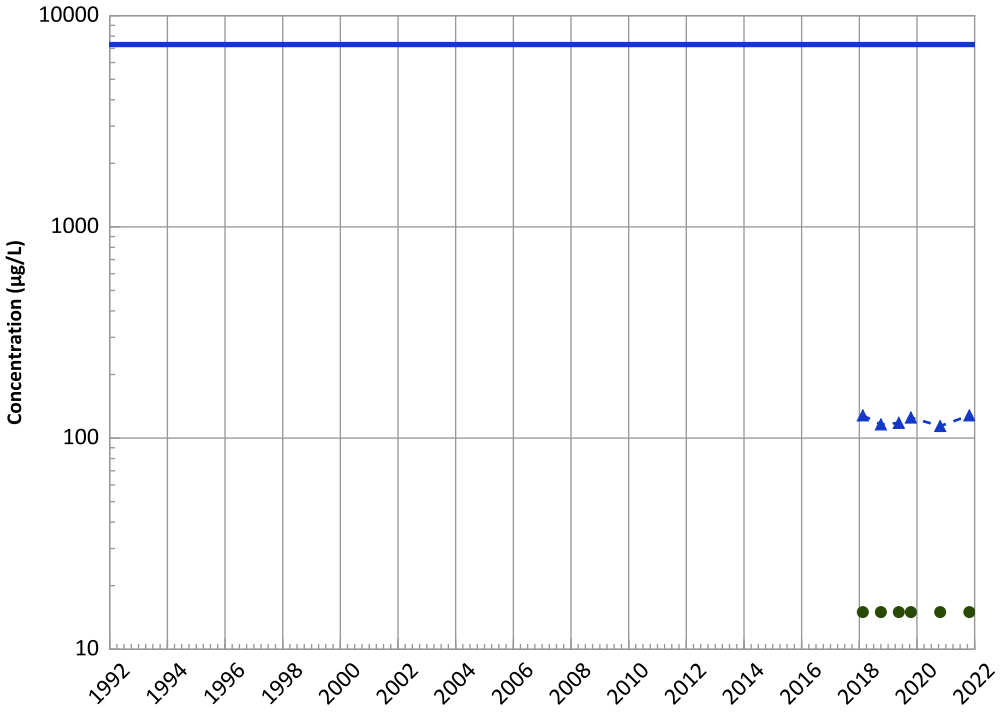
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

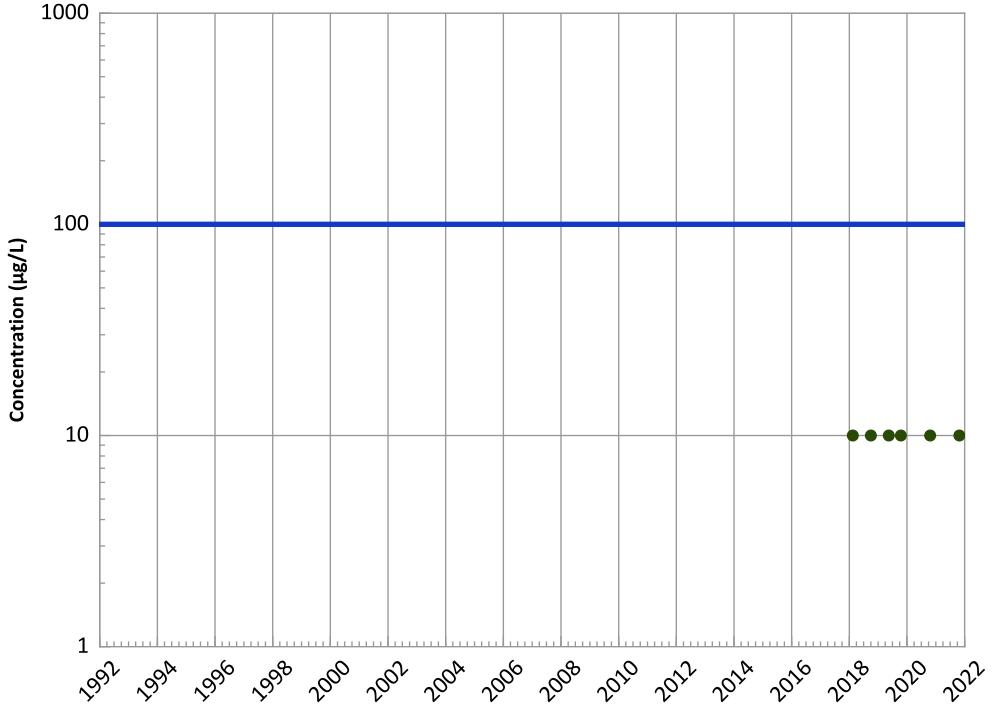


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Stable

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

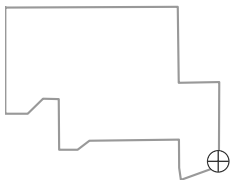
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

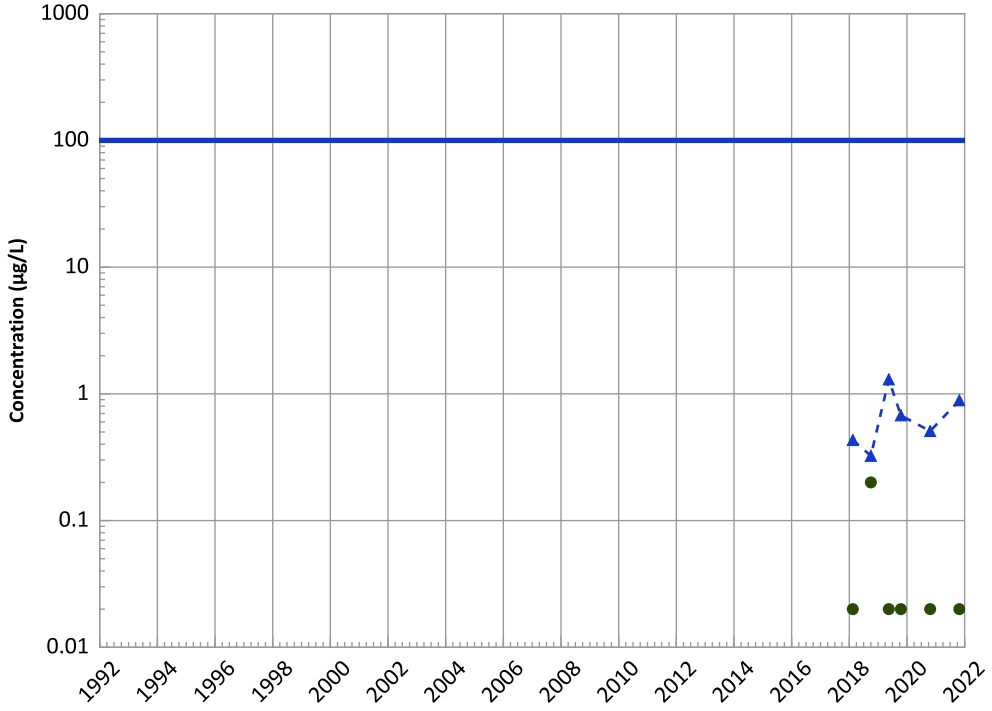
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1195 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

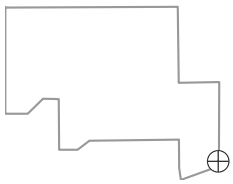
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

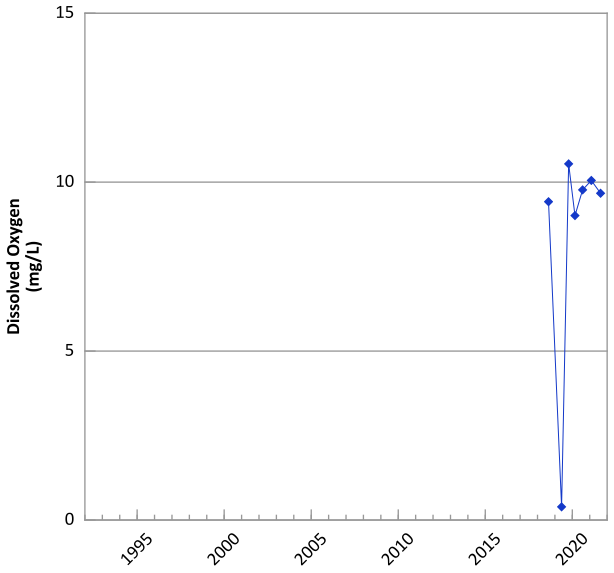
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/14/2018 to 10/26/2021
Analysis Date: 04/05/2022

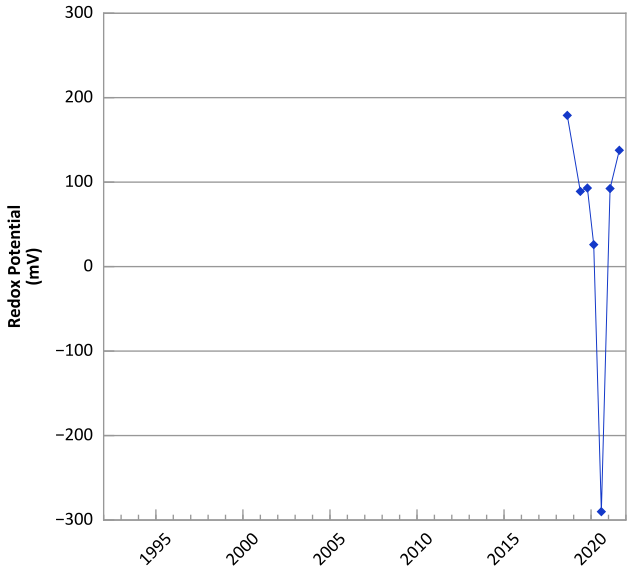
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

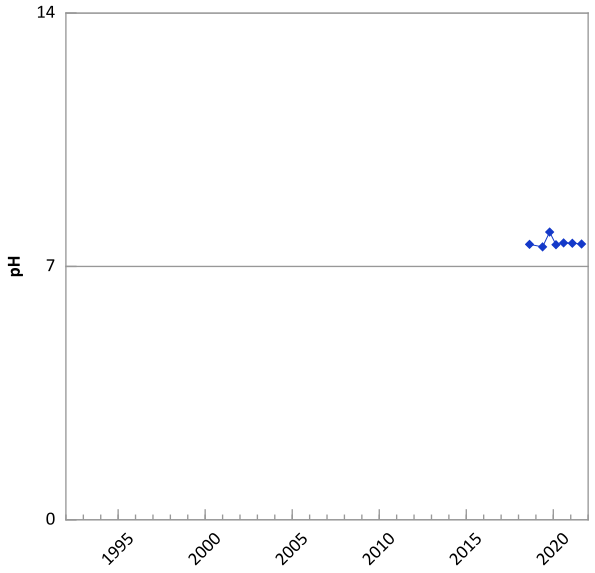
Well Location

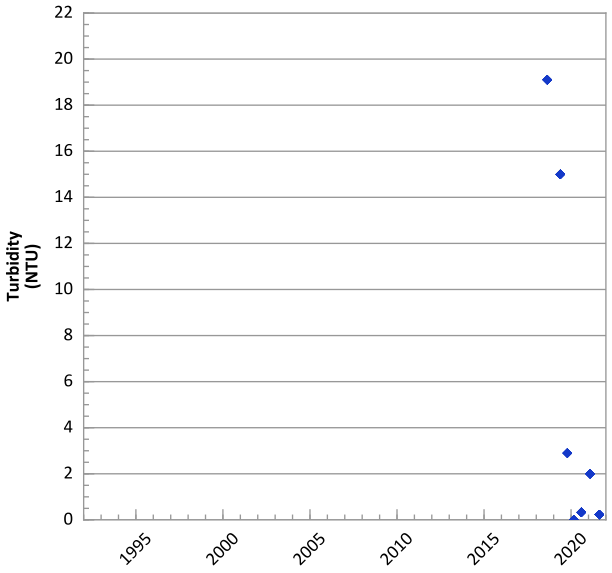


PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



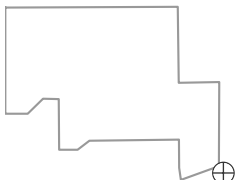






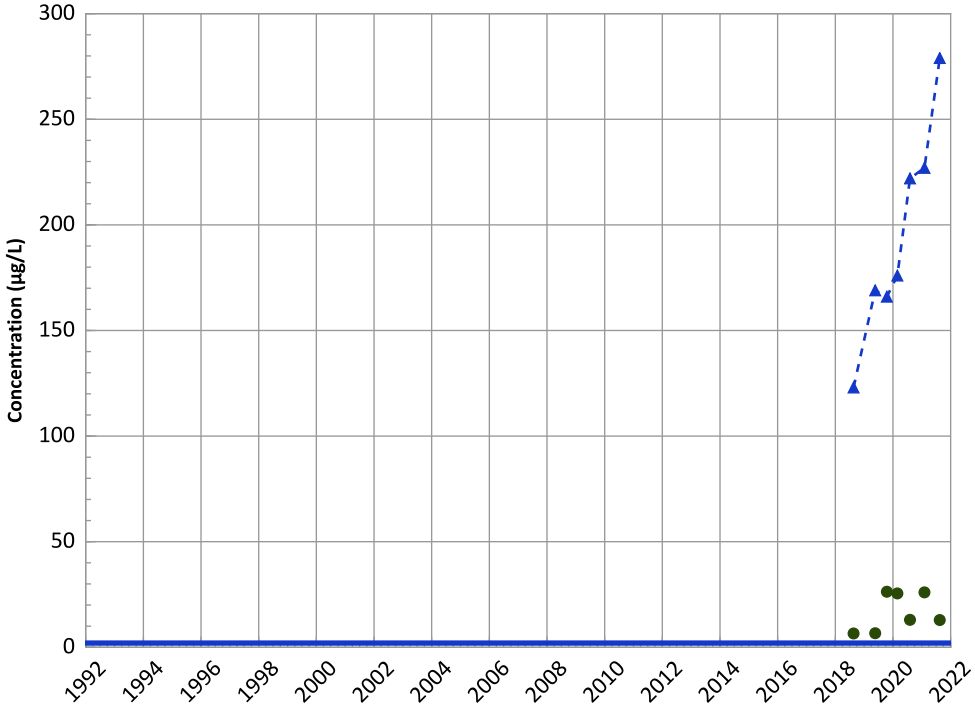
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

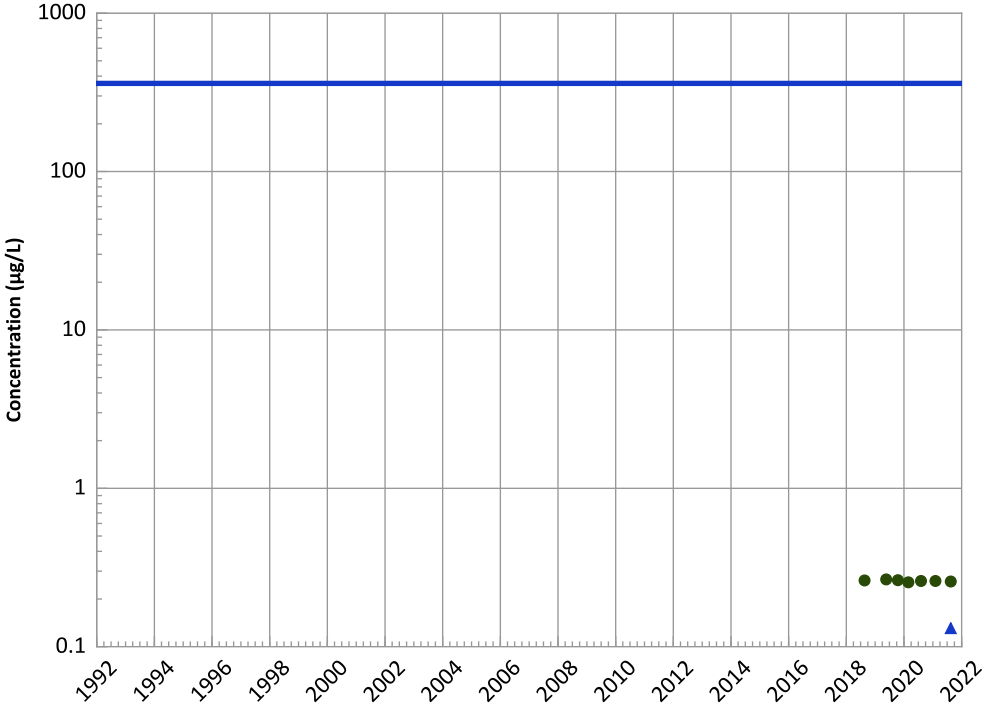


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

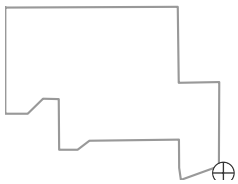
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

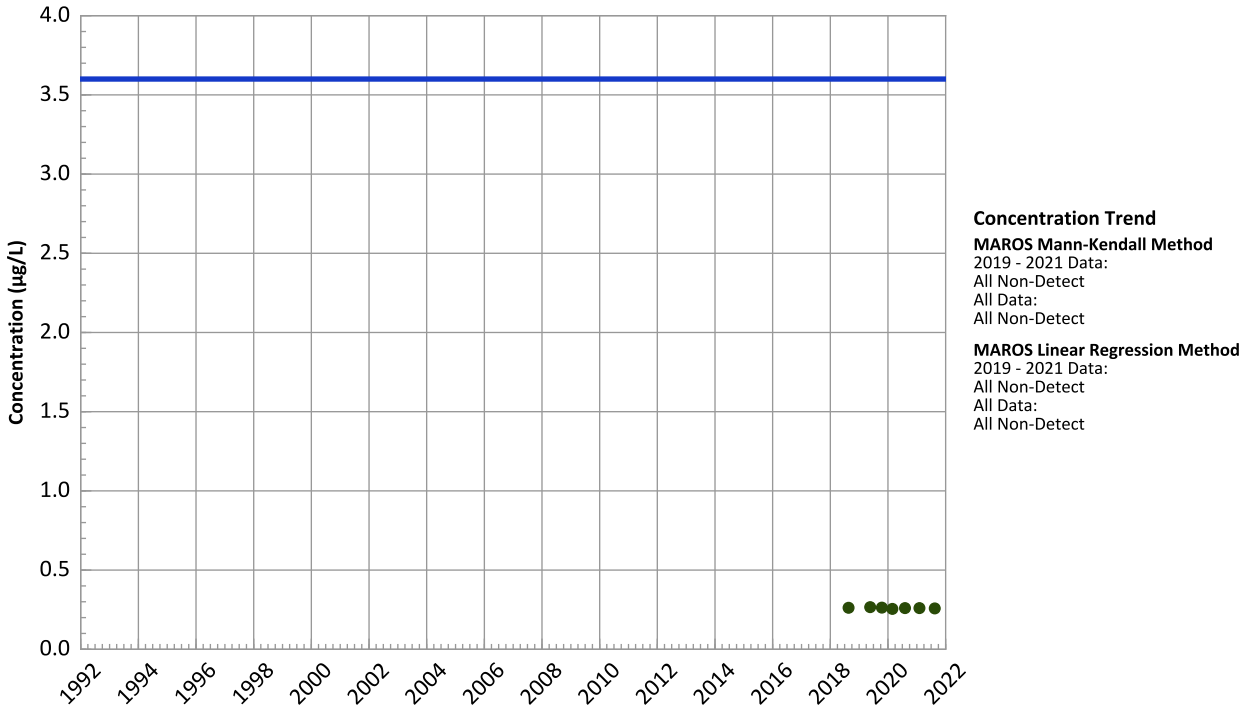
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

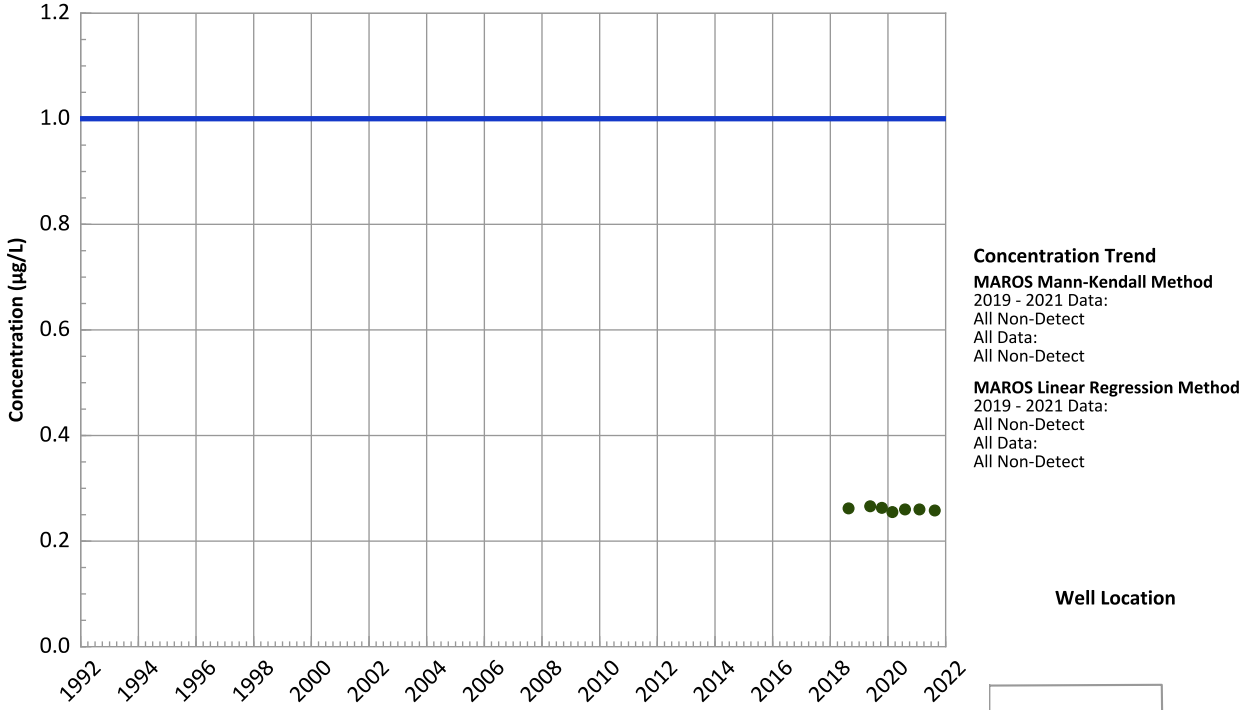


PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



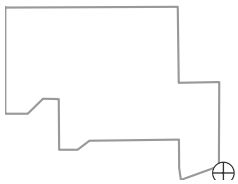
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

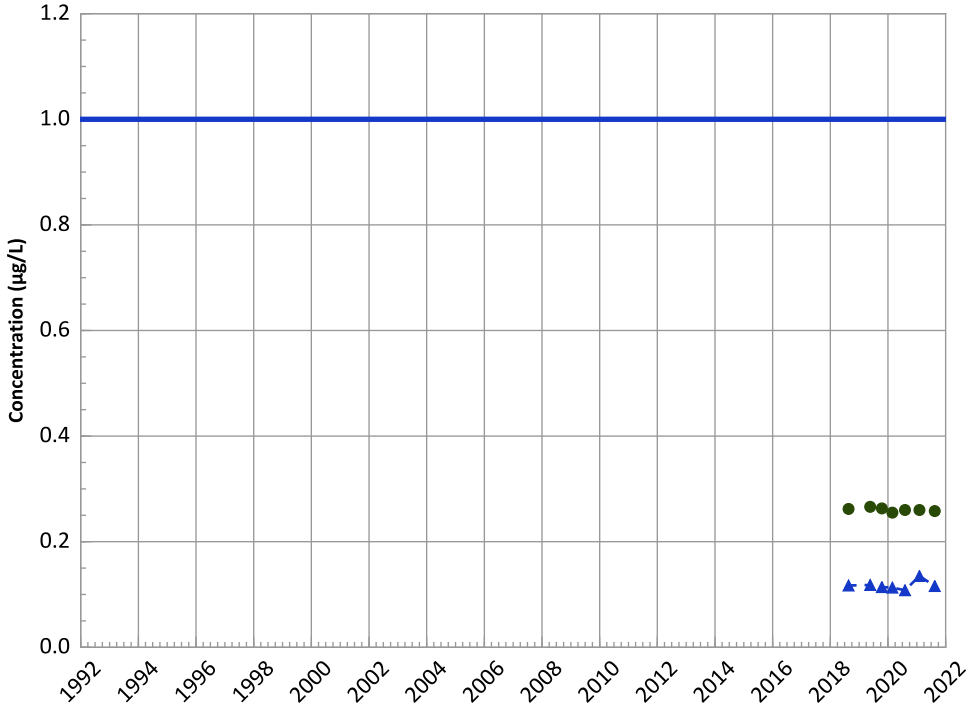
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

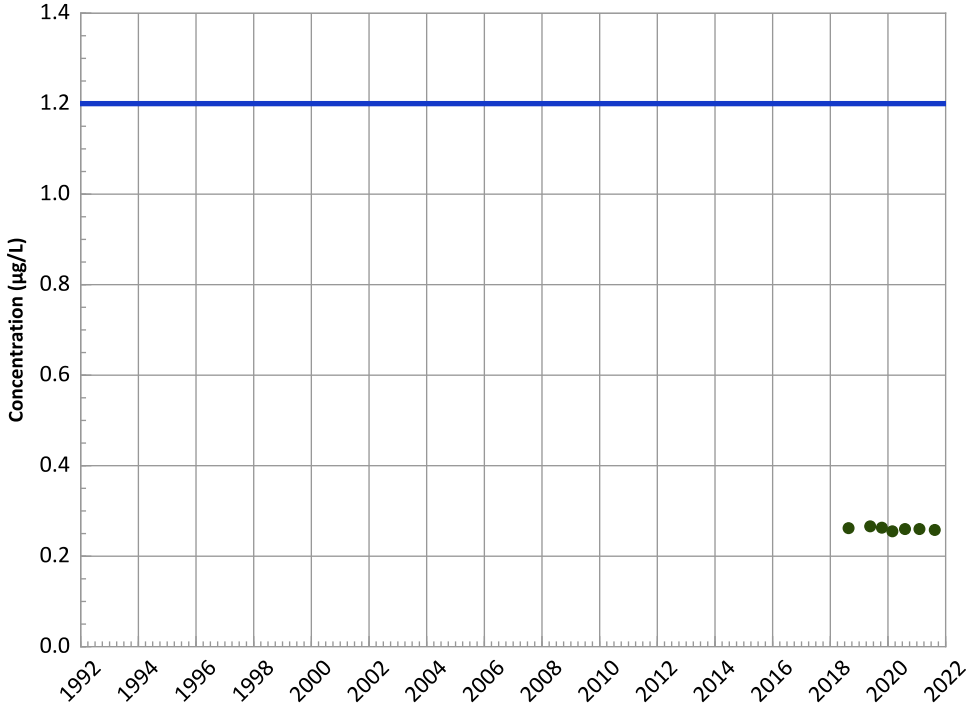


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

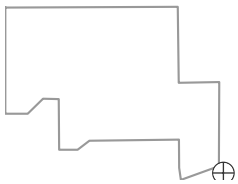
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

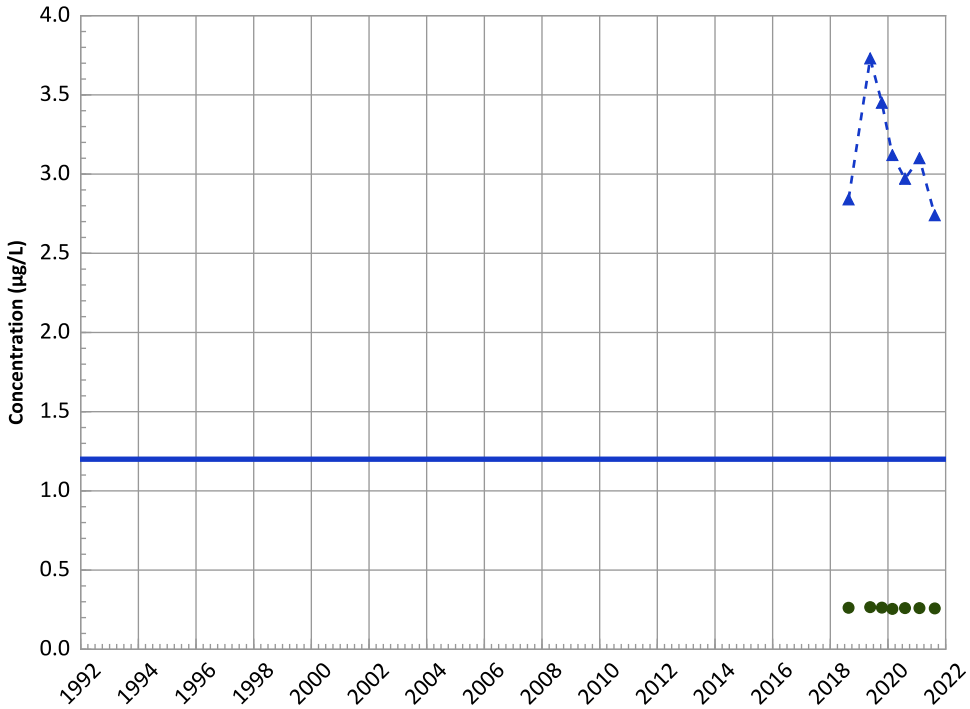
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

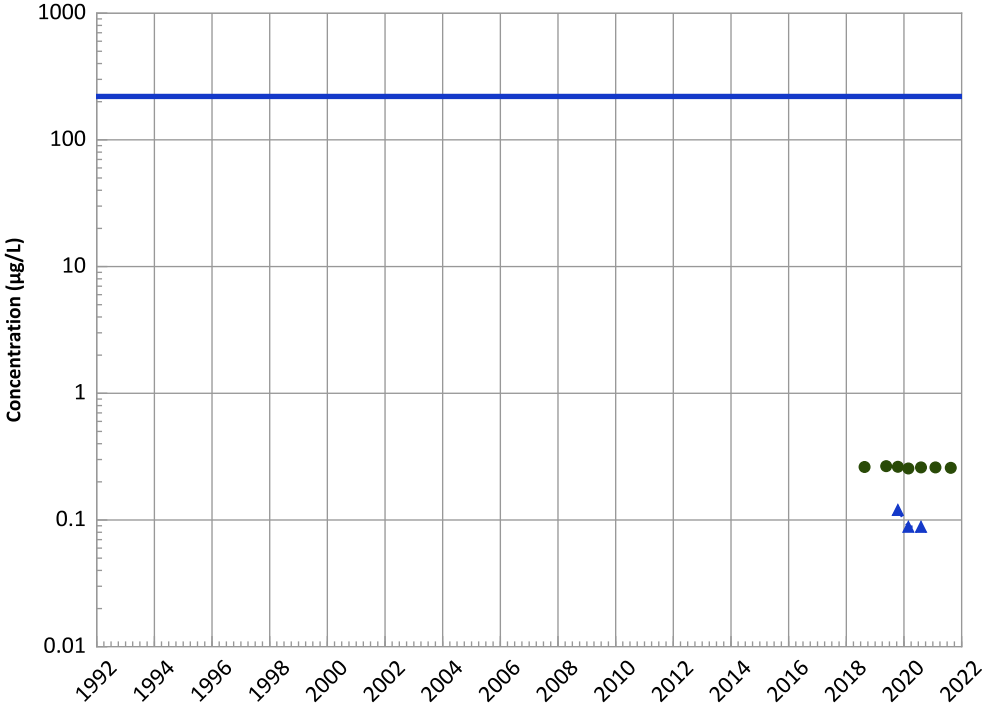


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

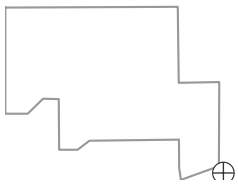
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

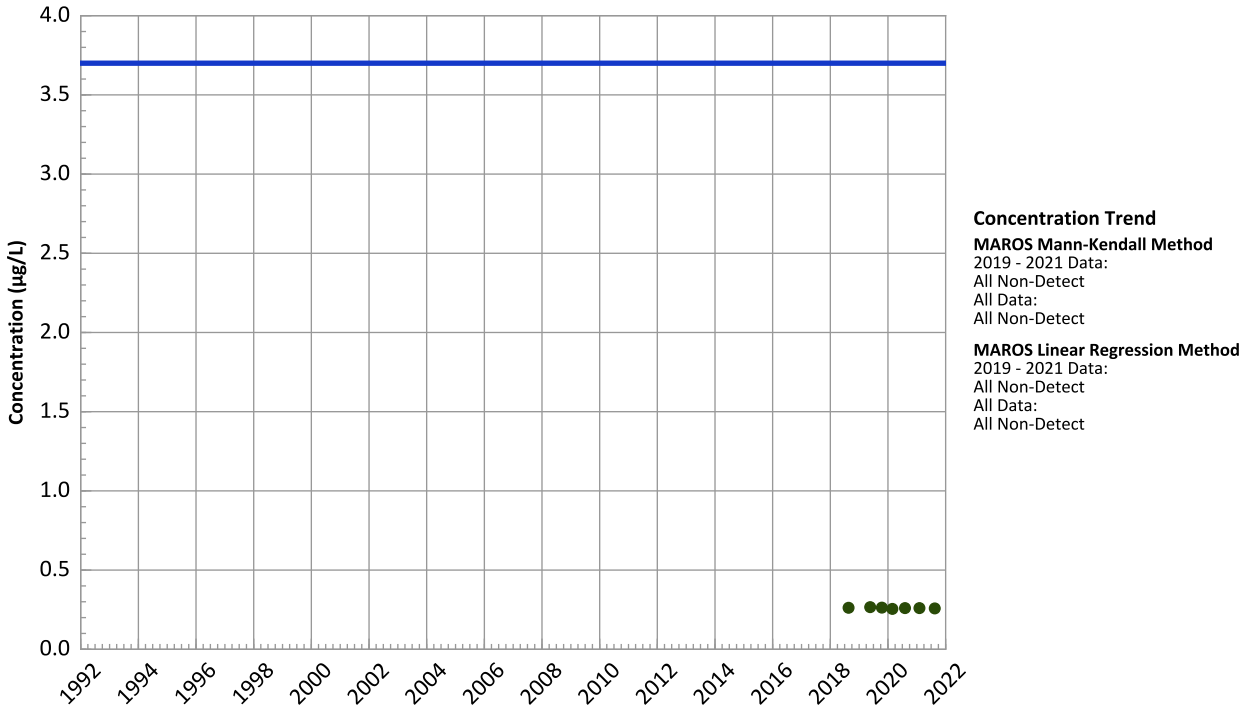
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

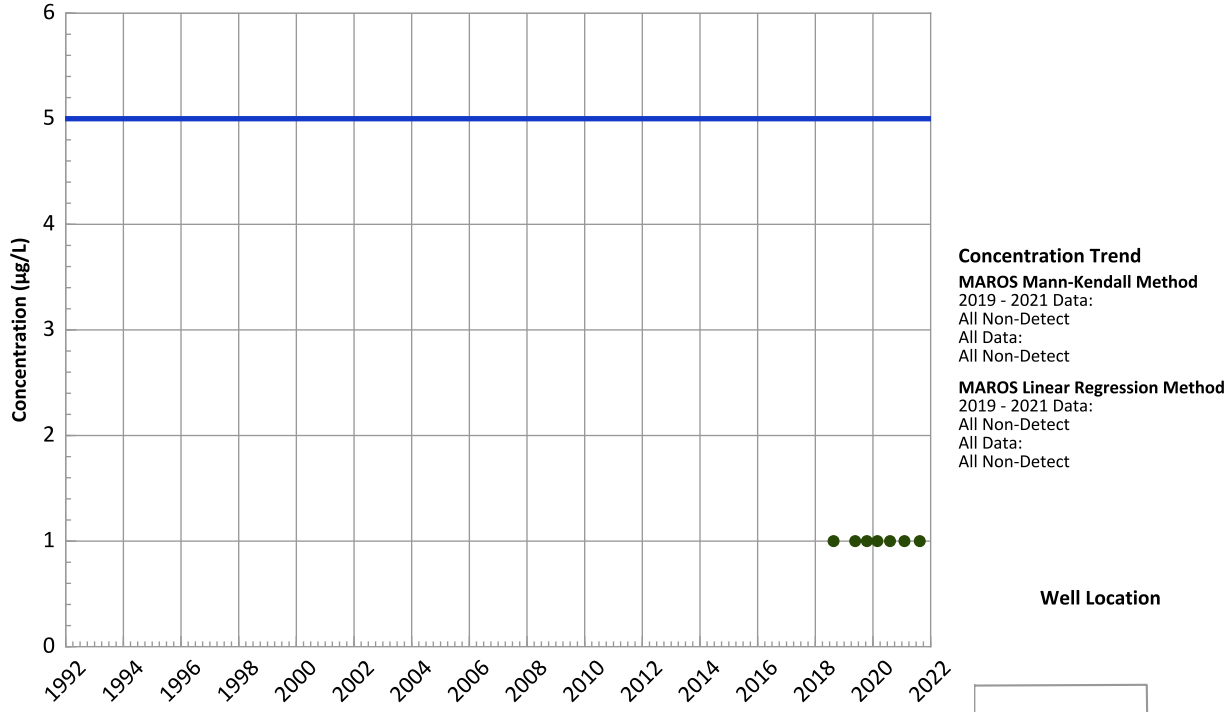


PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



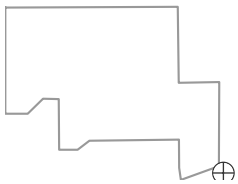
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

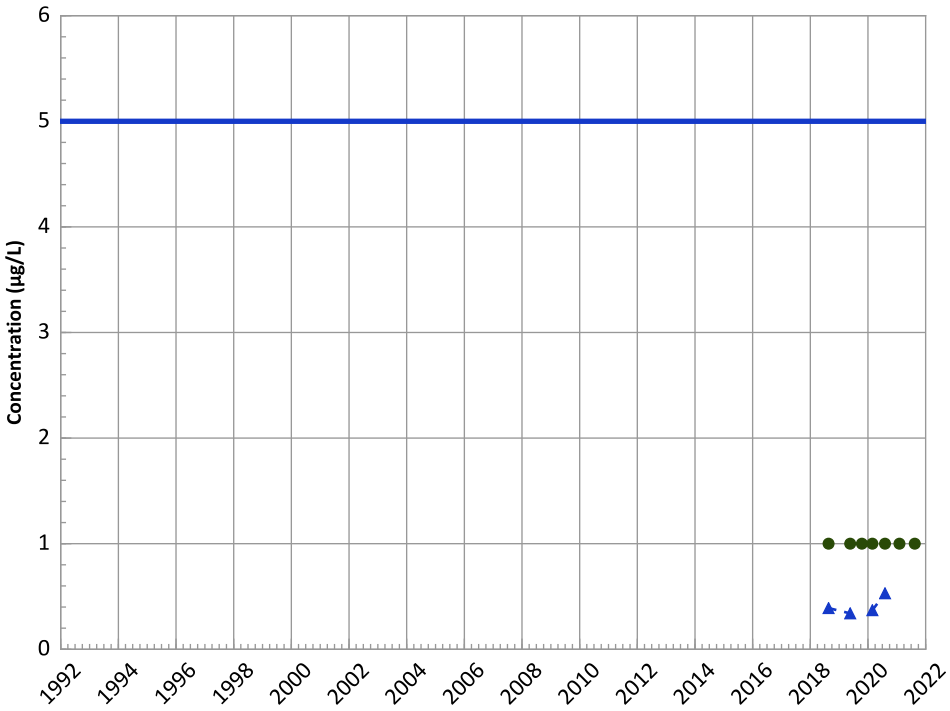
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

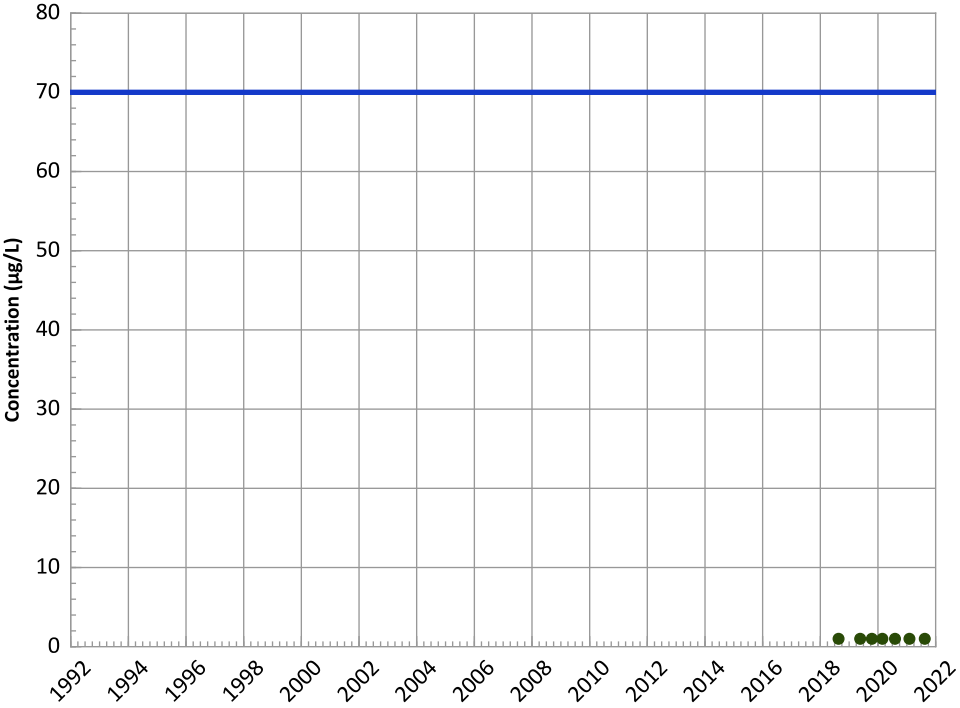


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

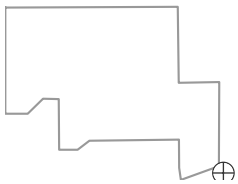
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

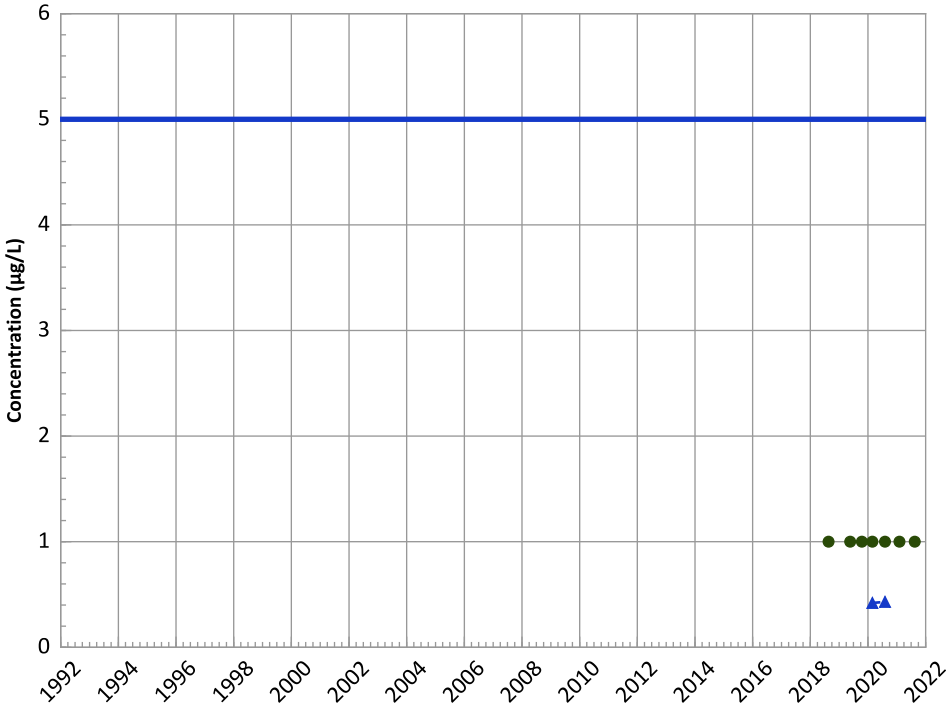
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

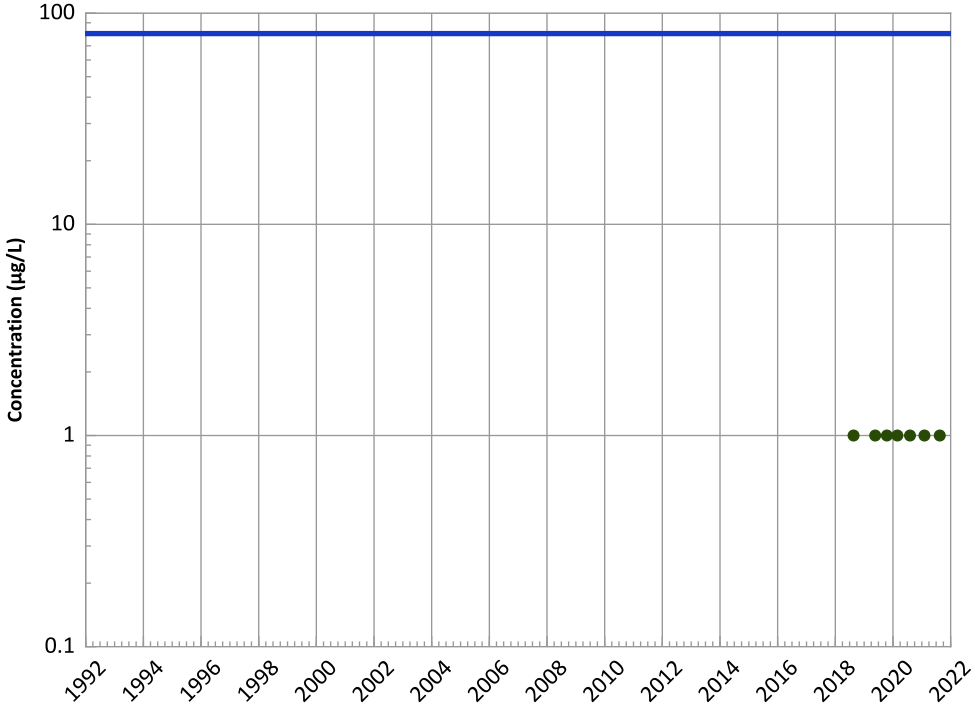


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

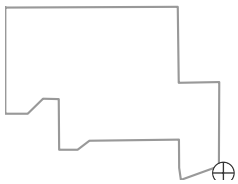
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

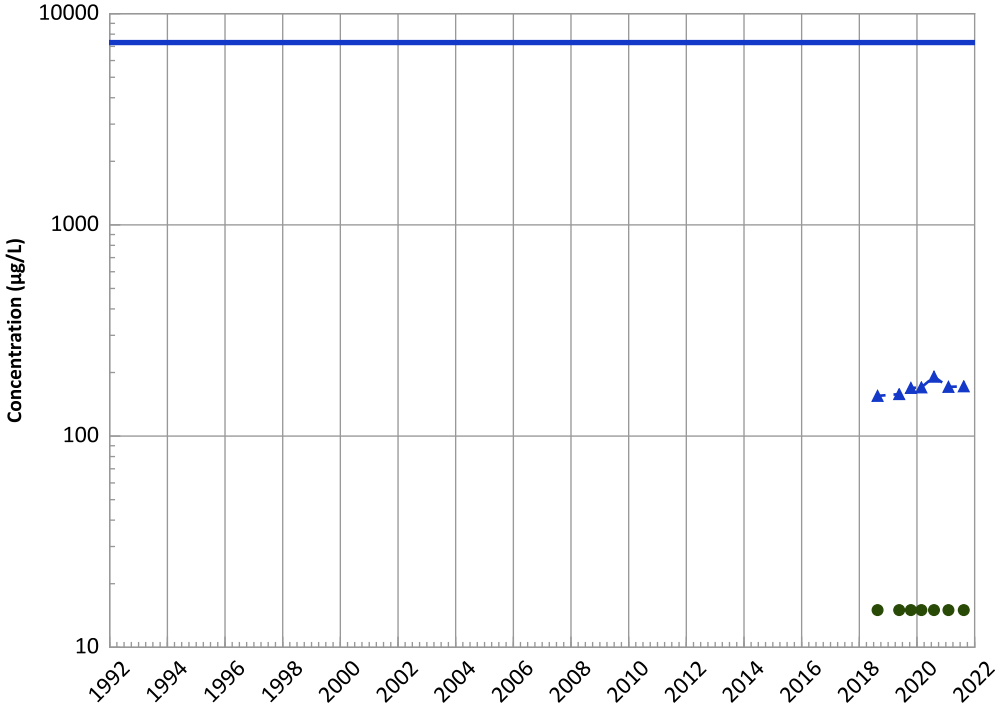
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

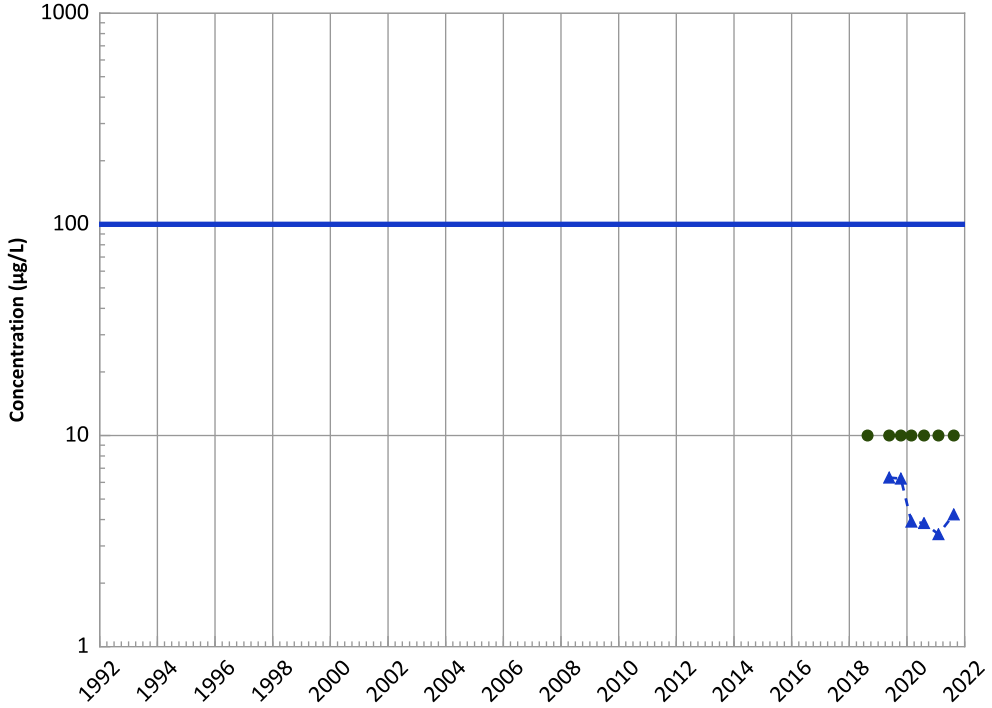


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

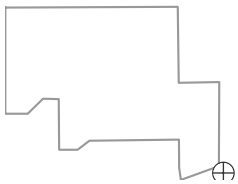
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

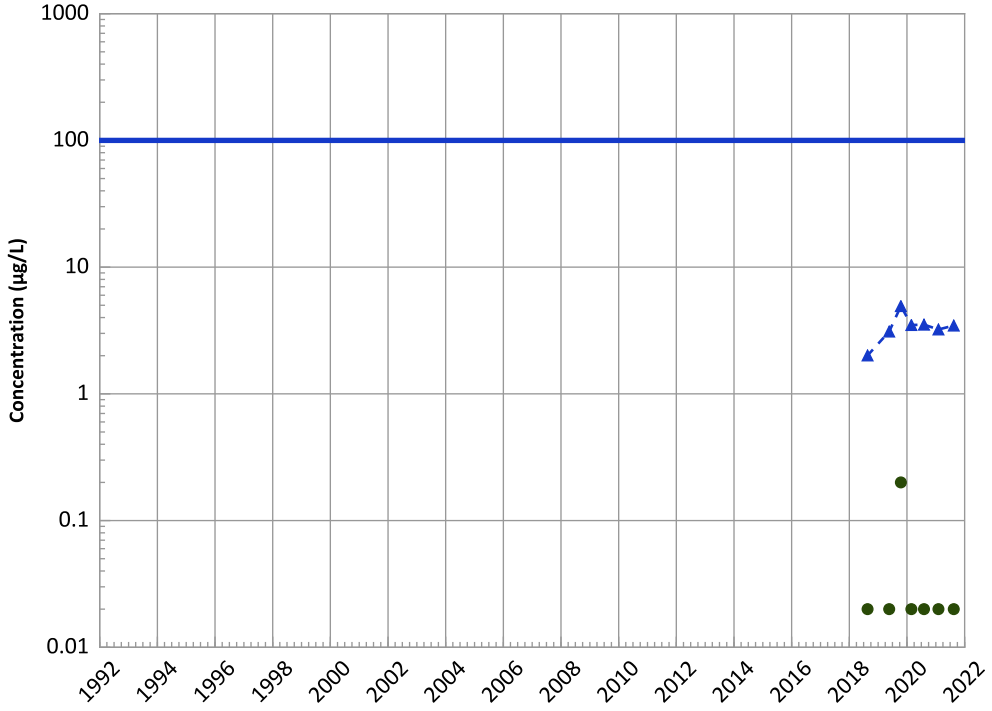
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1197 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

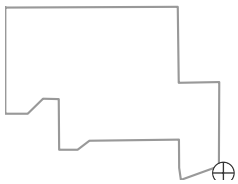
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

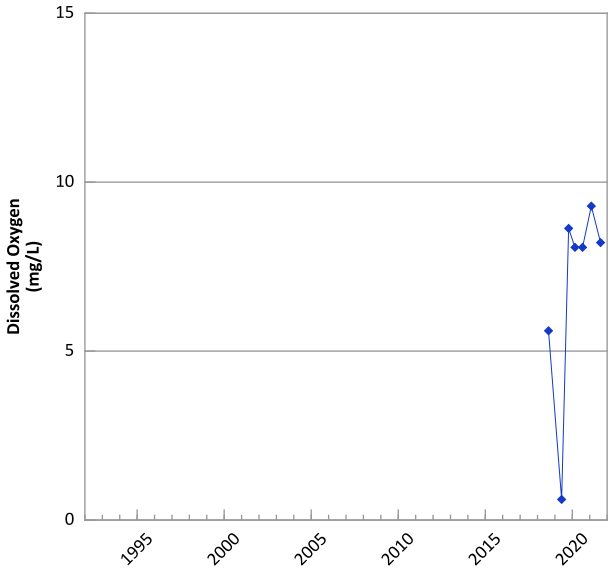
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

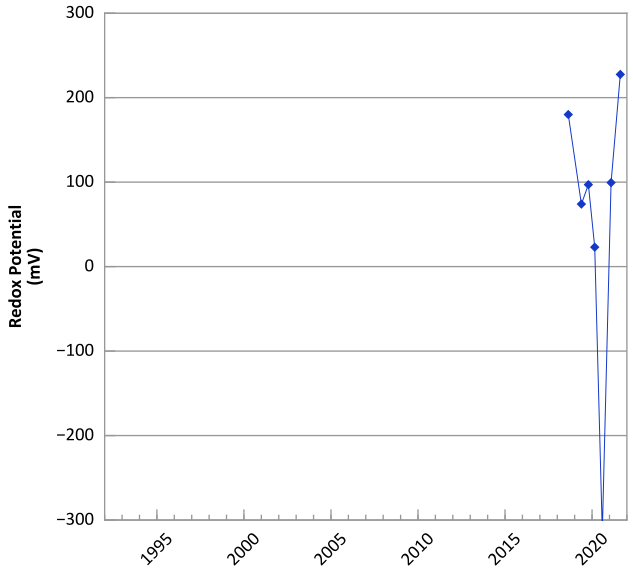
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

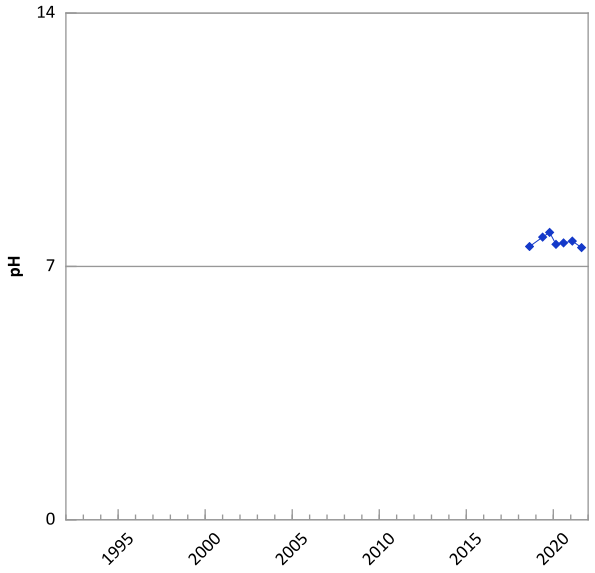
Well Location

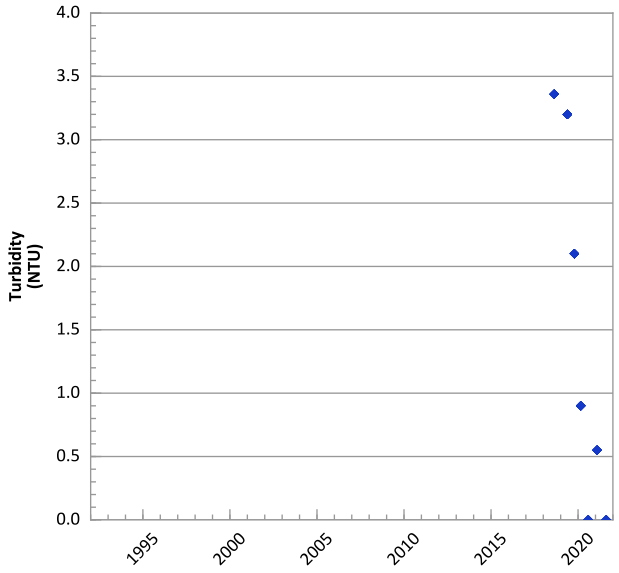


PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



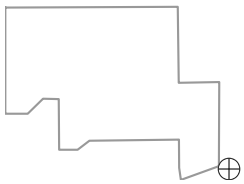






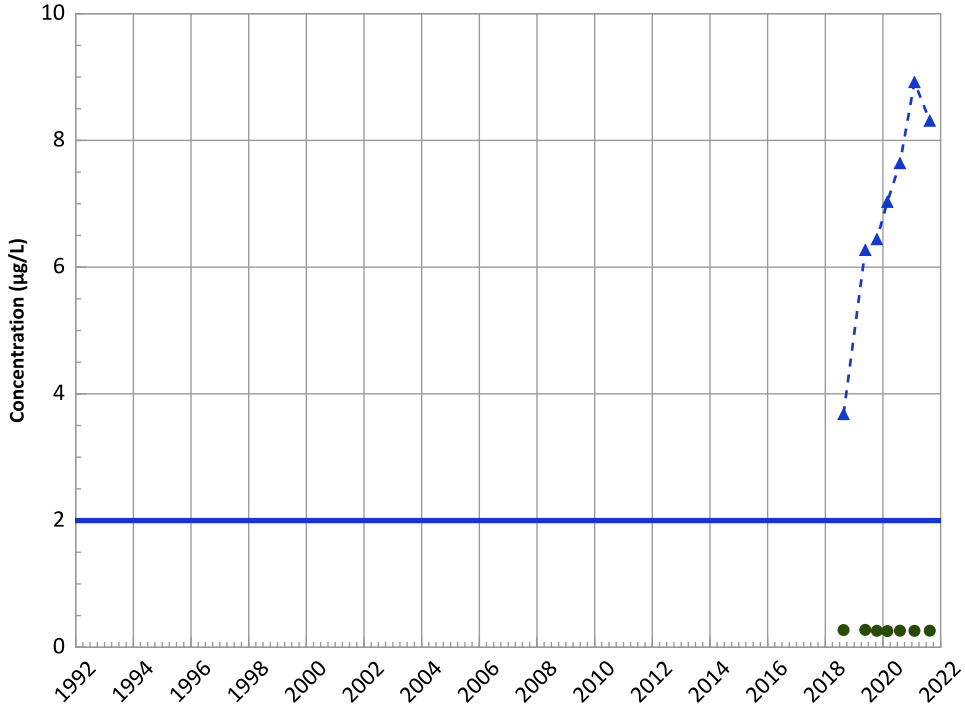
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

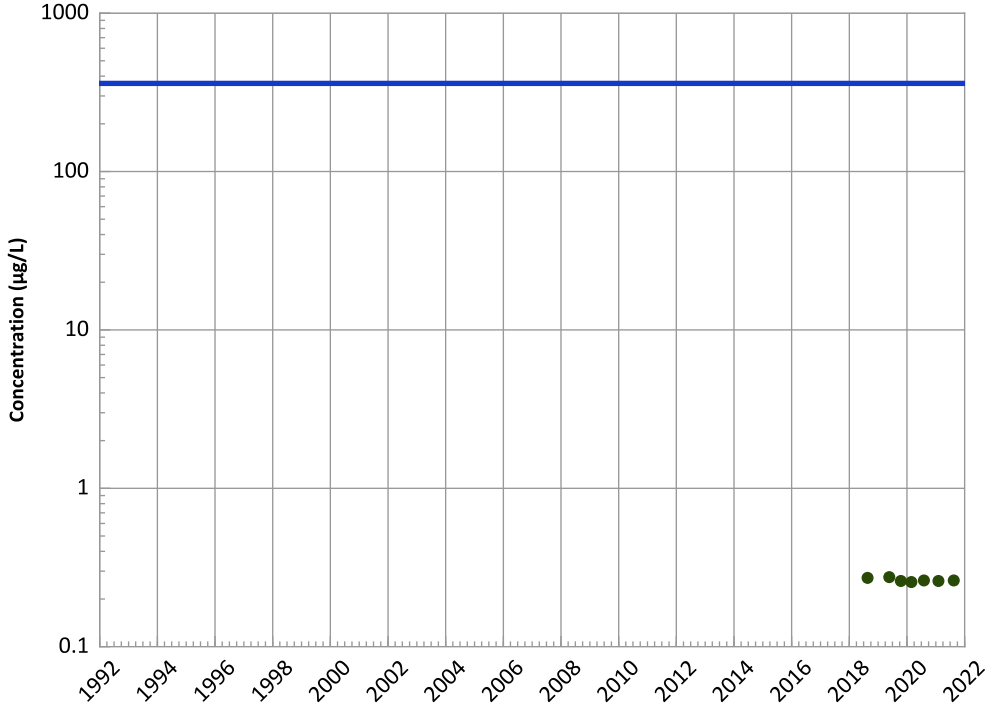


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

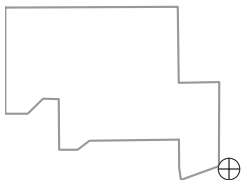
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

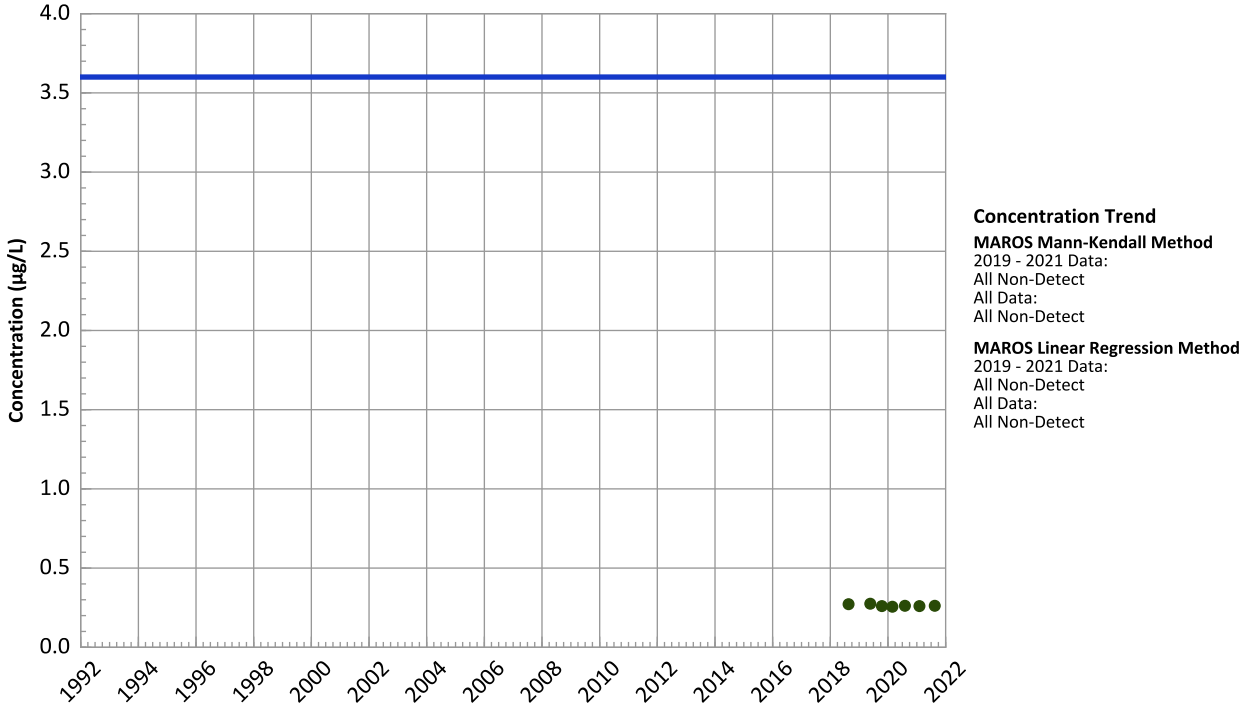
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

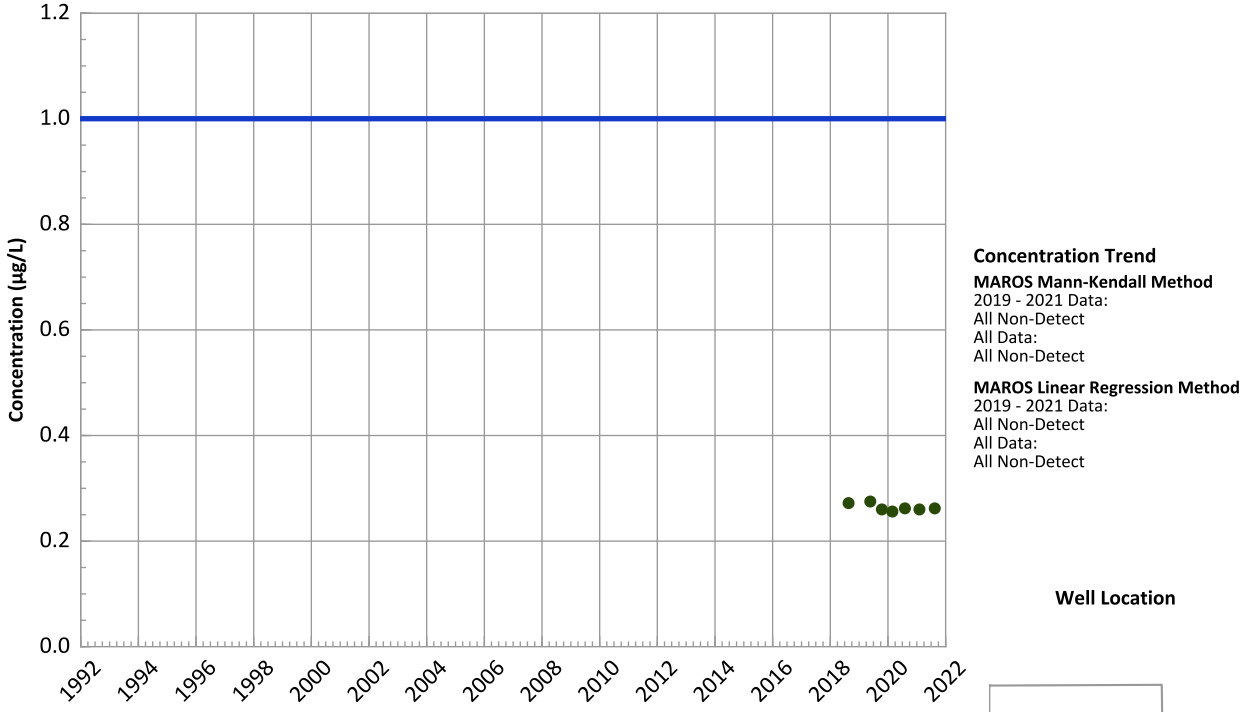


PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



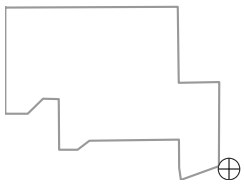
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

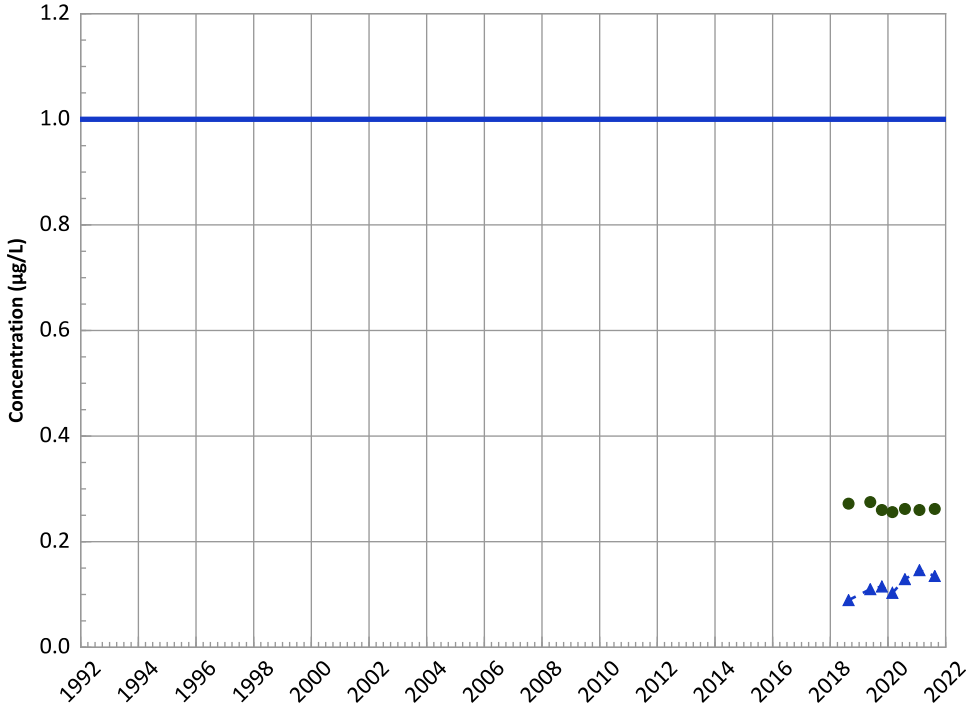
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

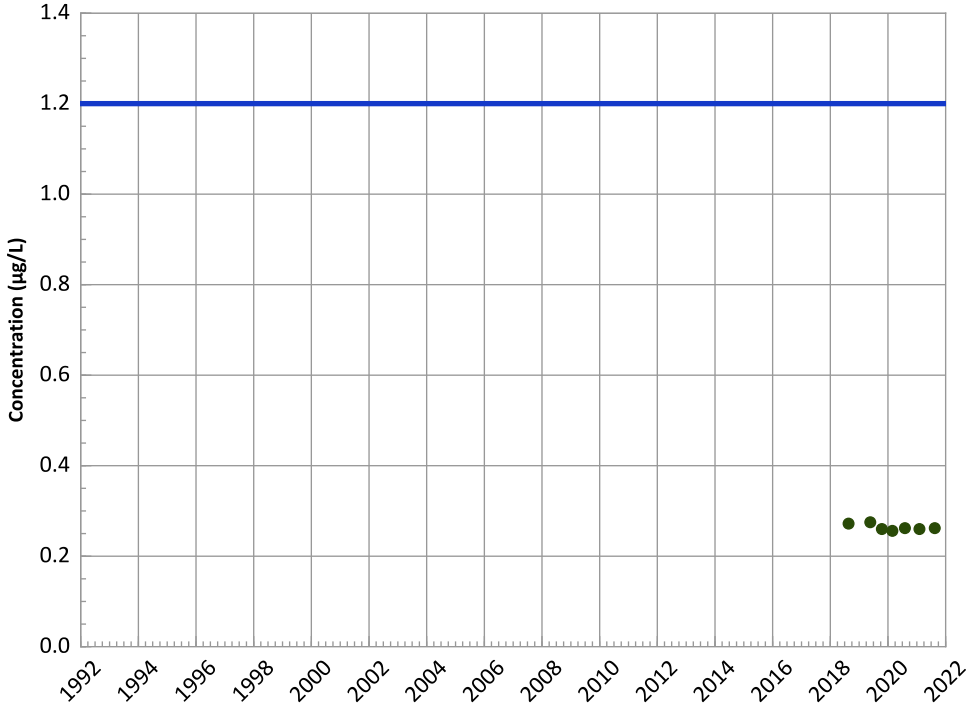


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

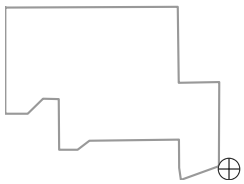
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

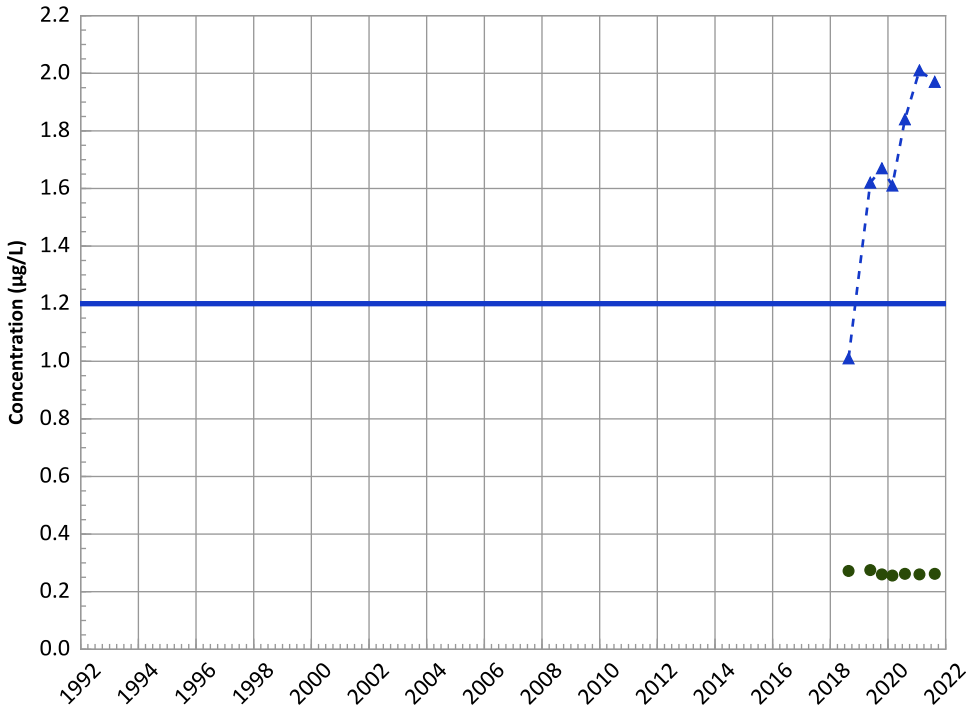
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

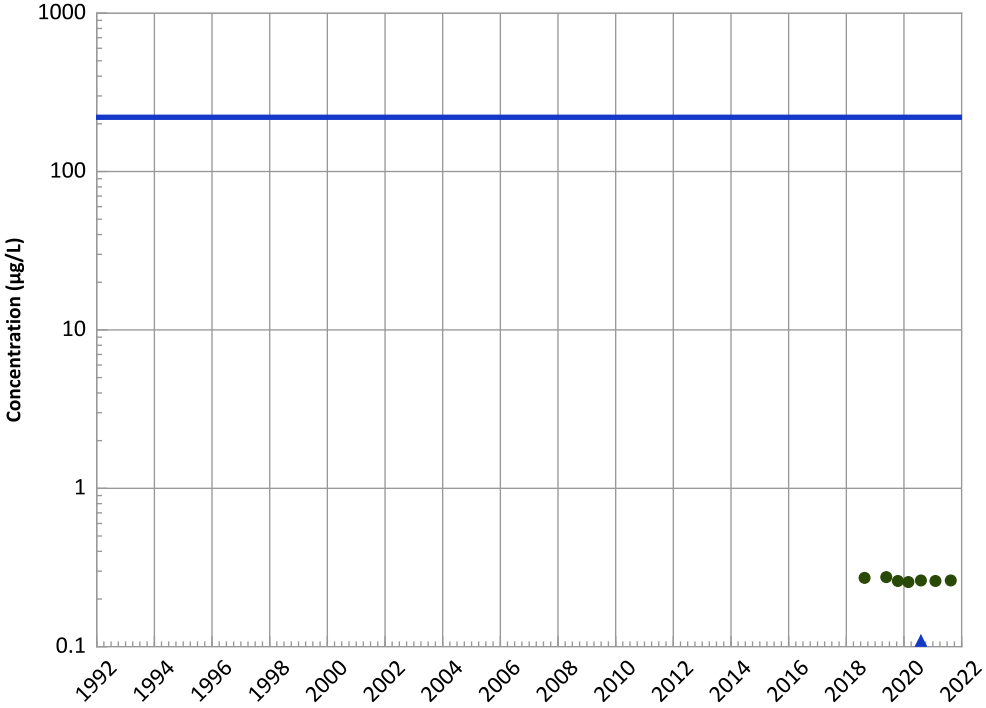


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

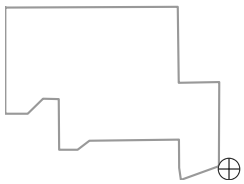
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

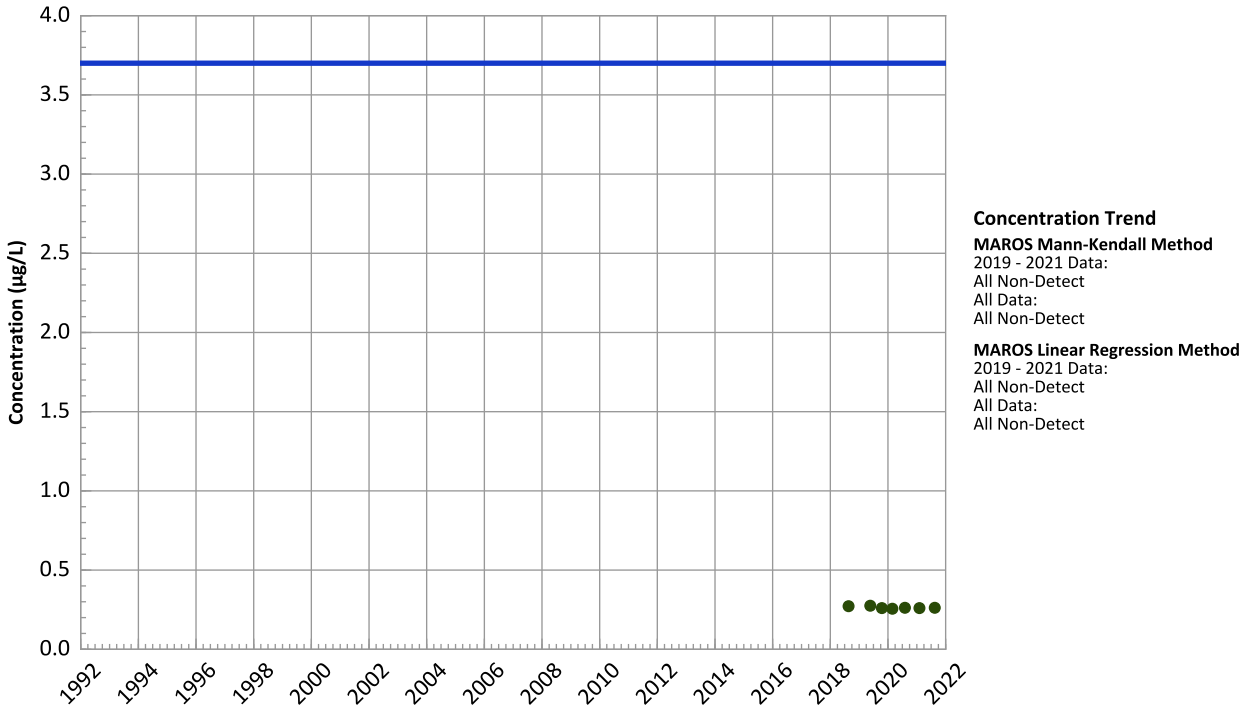
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

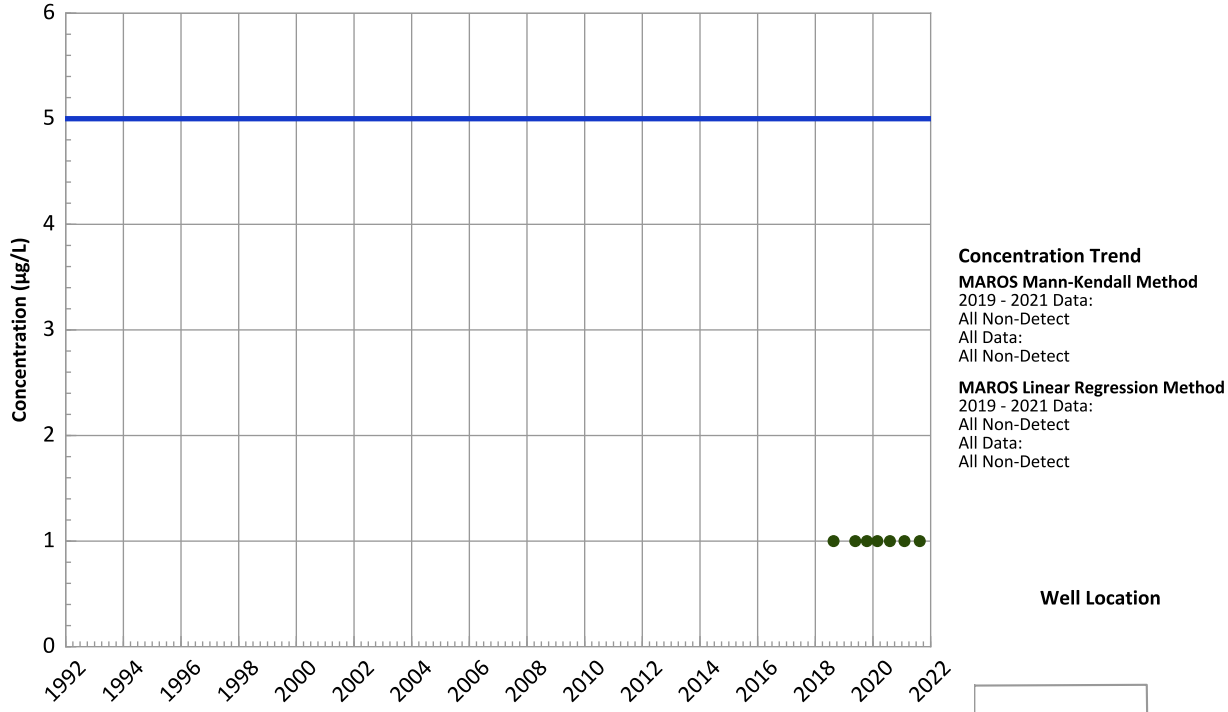


PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



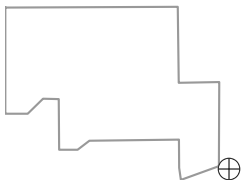
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

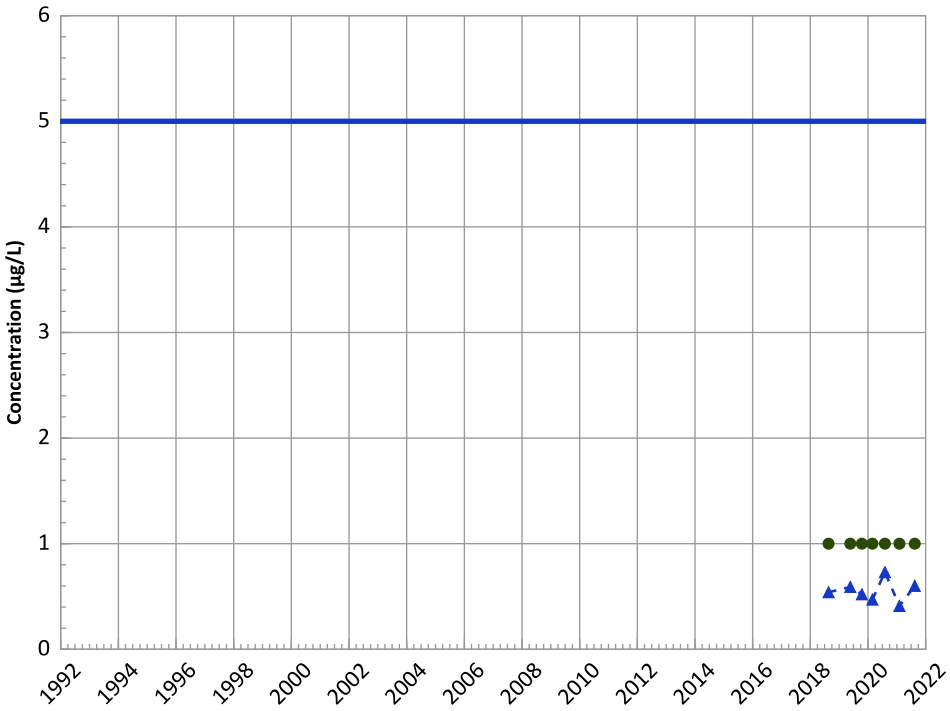
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

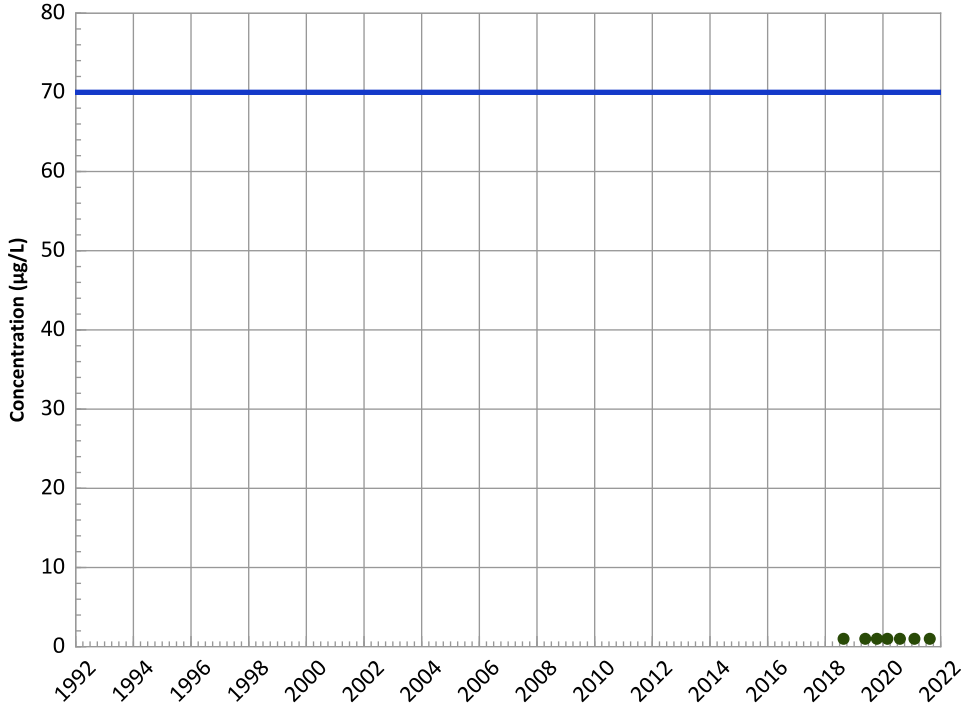


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

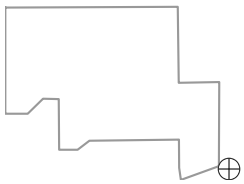
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

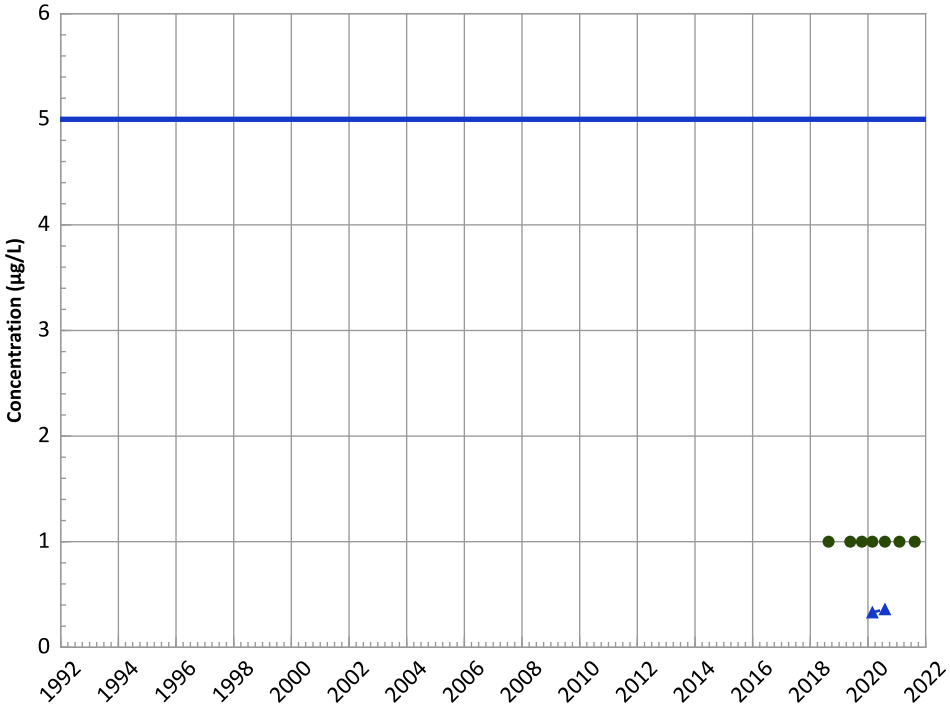
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

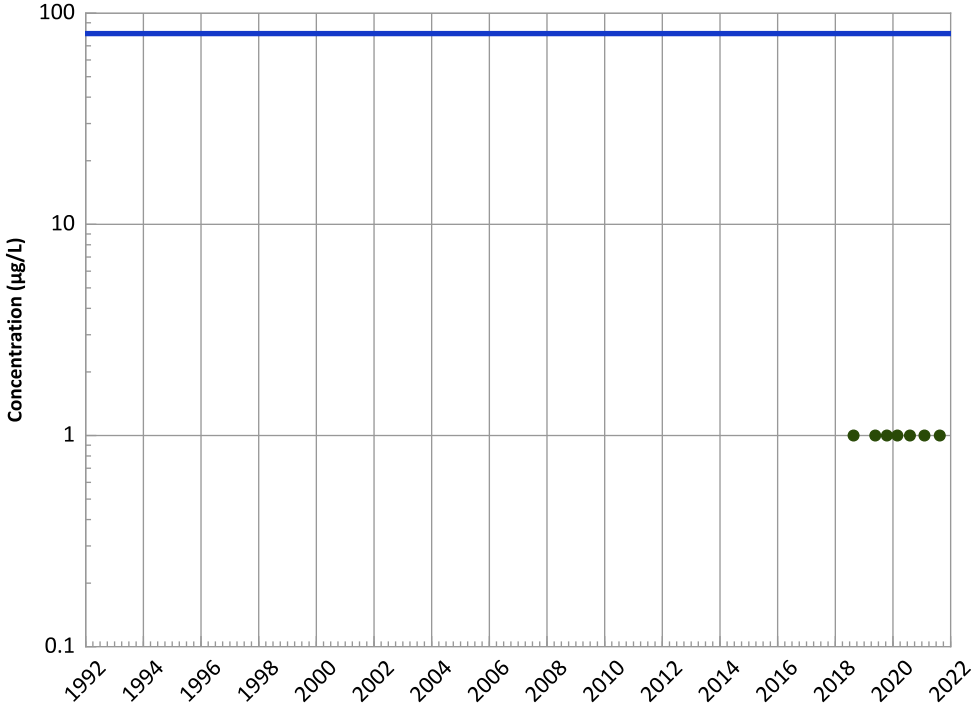


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

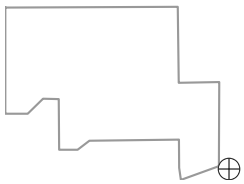
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

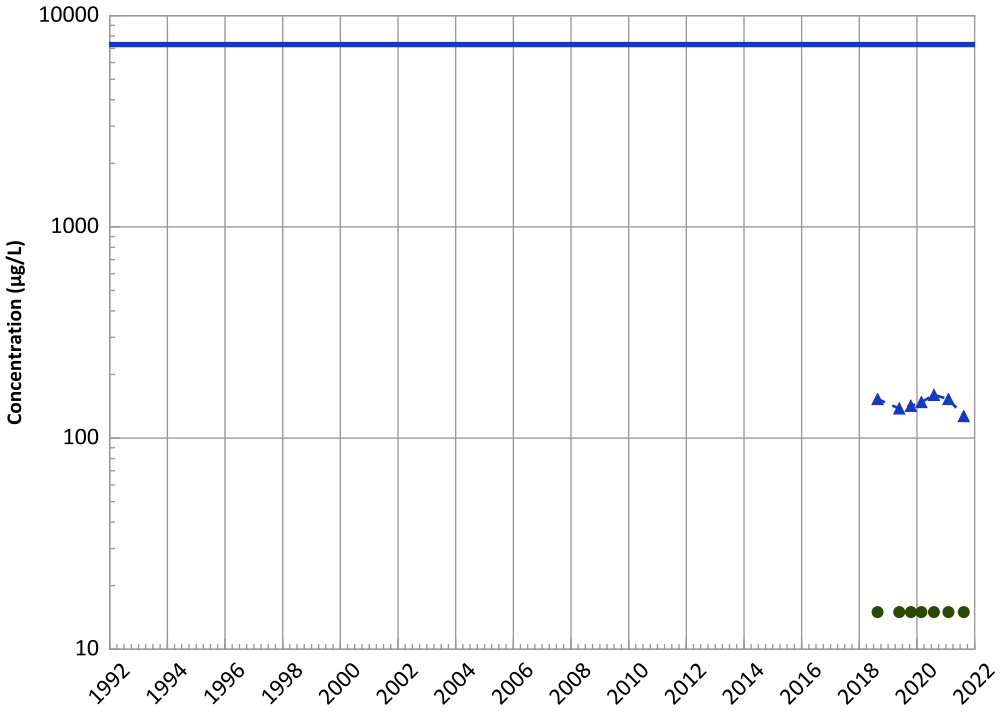
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

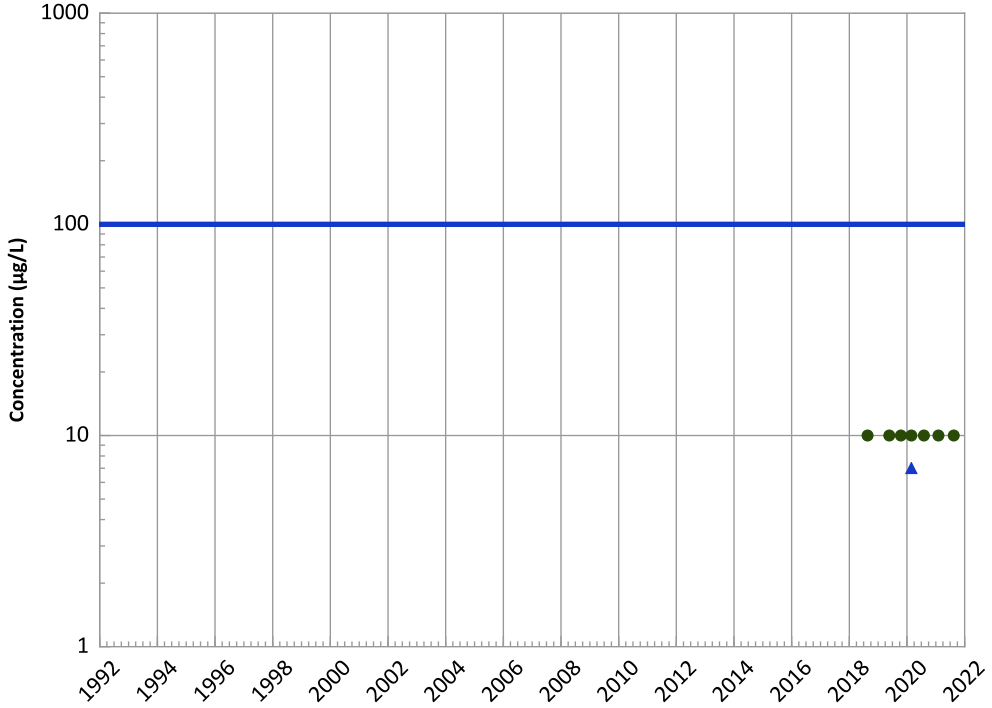


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Total Trend



Concentration Trend

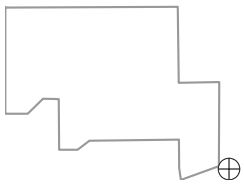
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

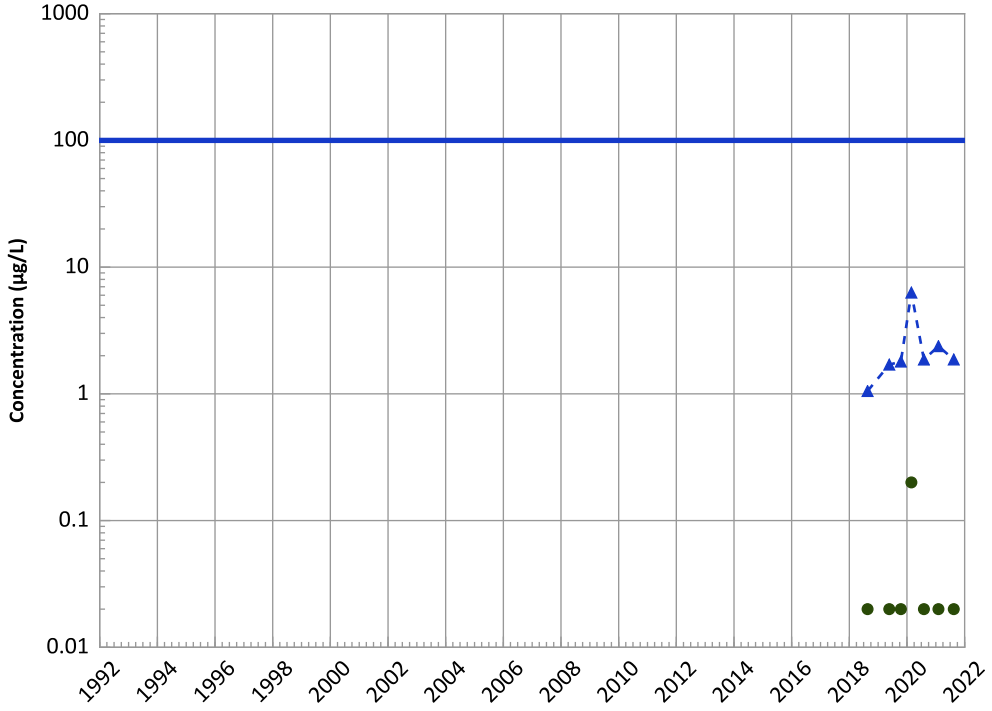
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1199 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

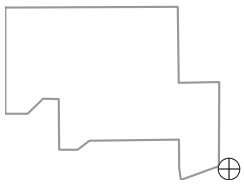
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

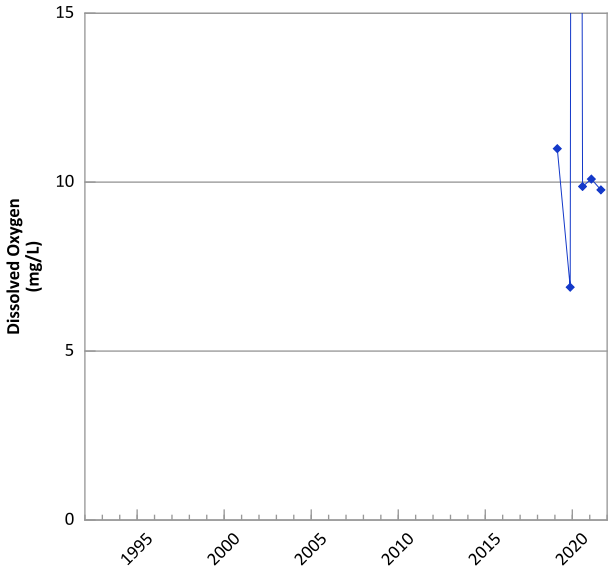
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 04/05/2022

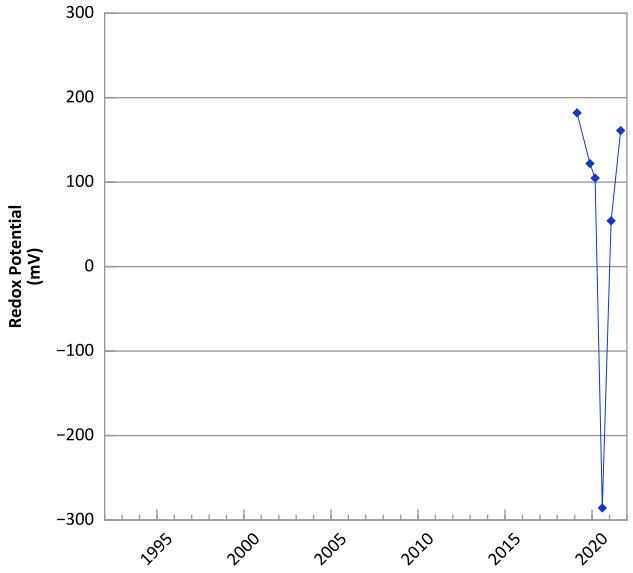
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

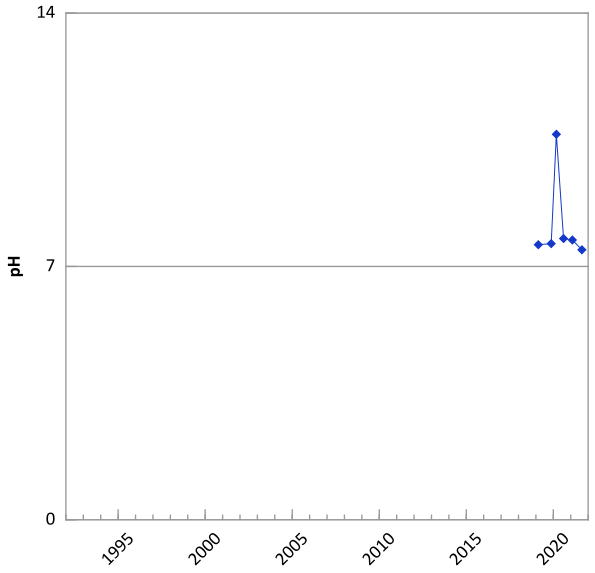
Well Location

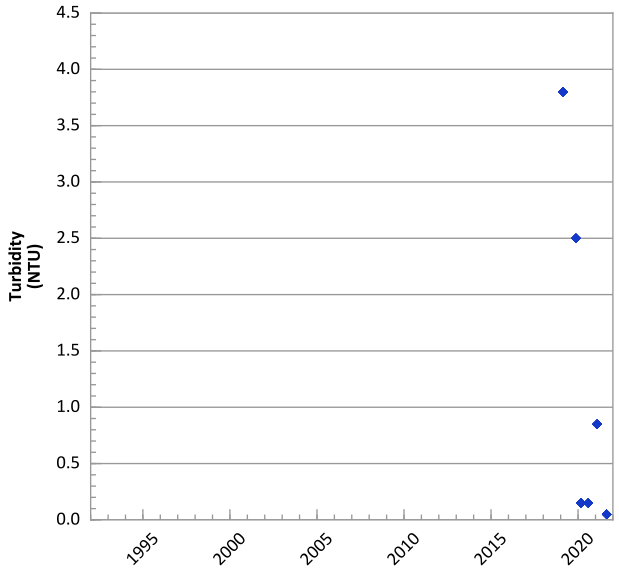


PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



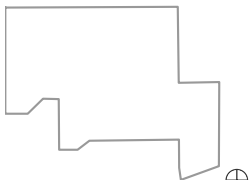






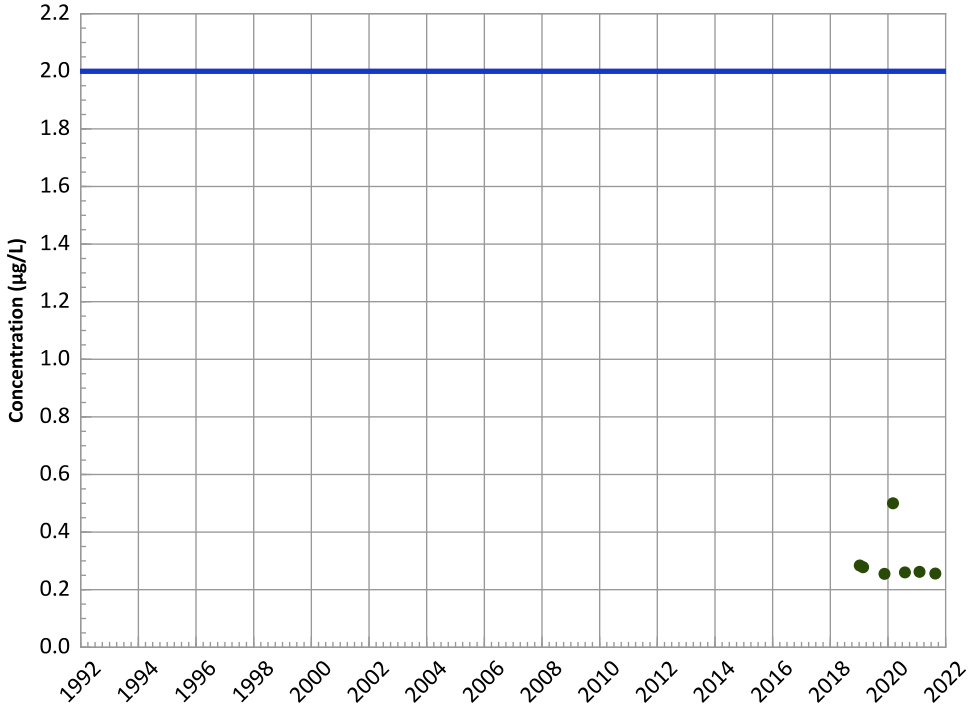
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

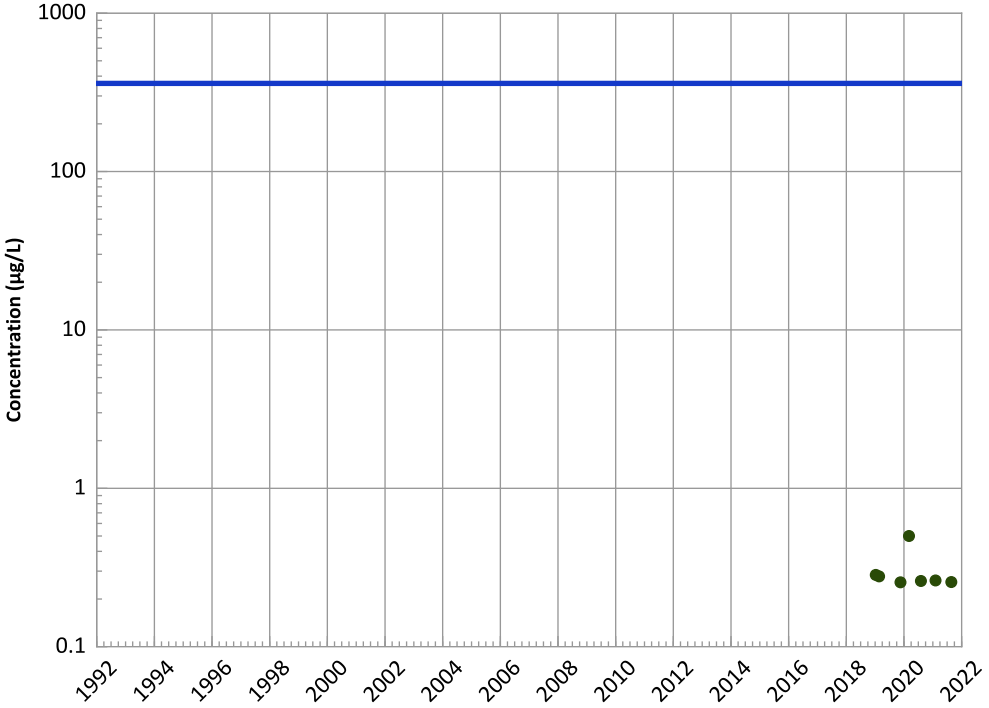


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

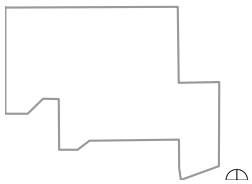
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

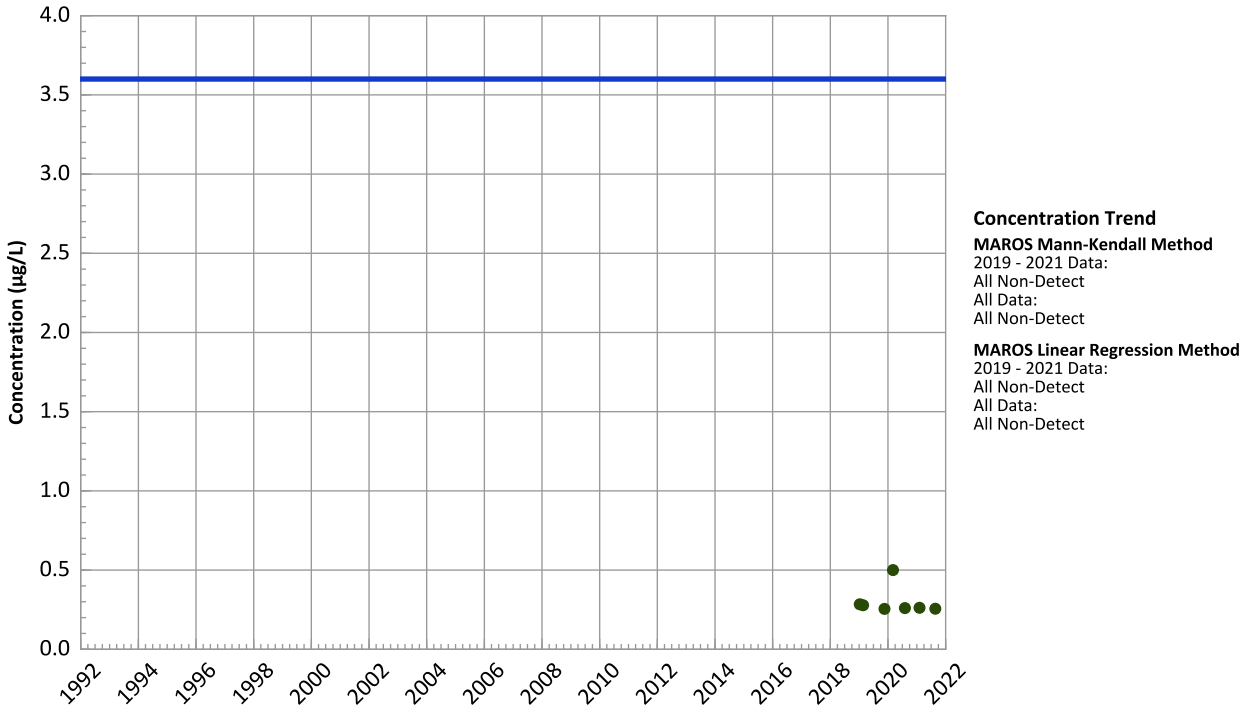
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

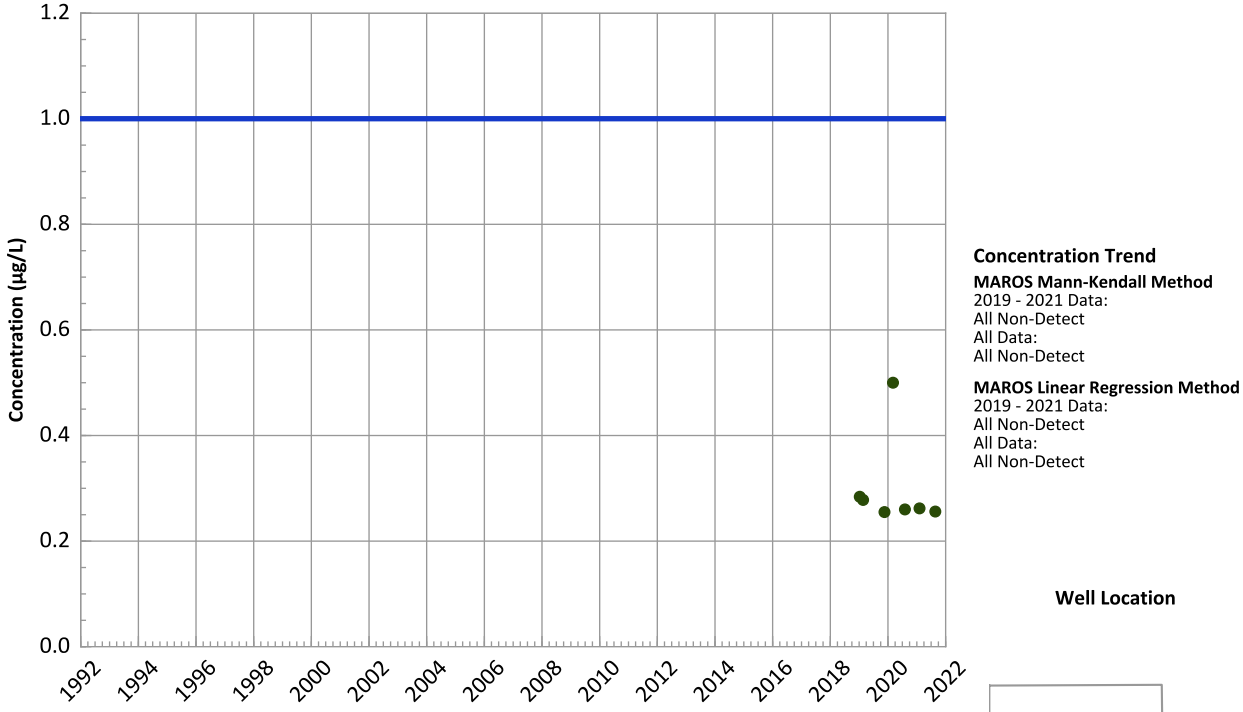


PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



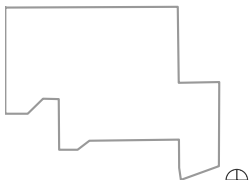
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

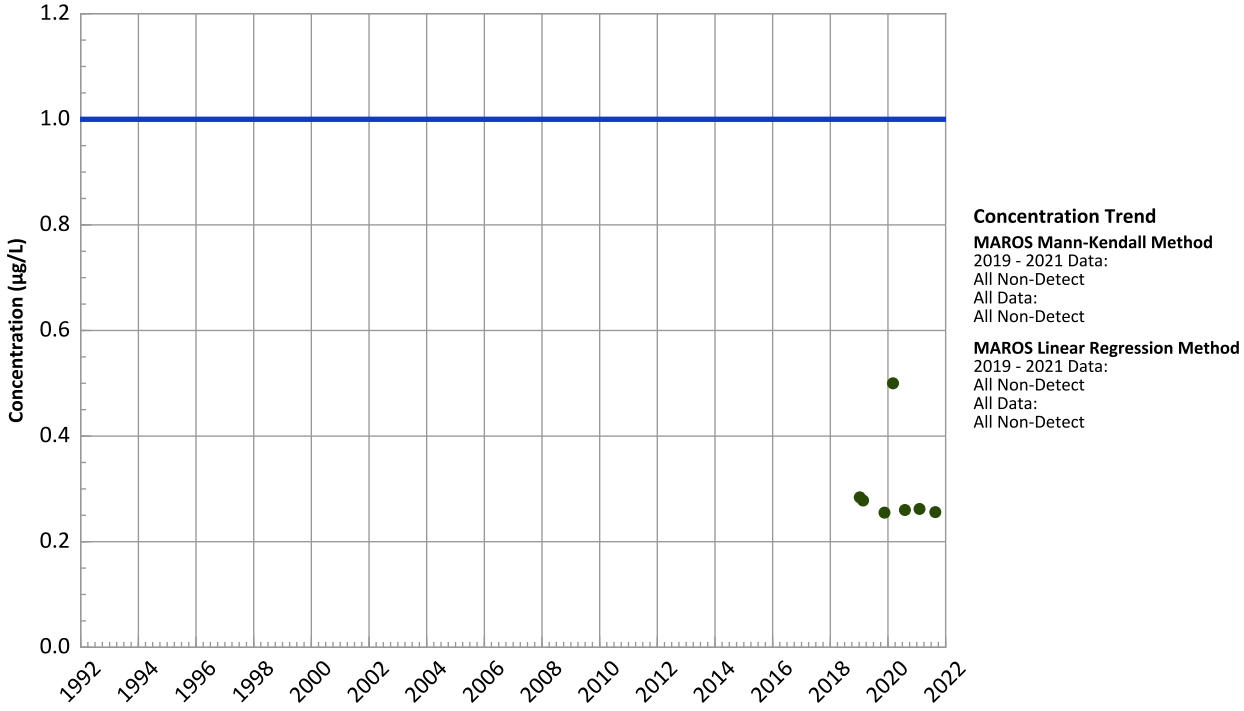
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

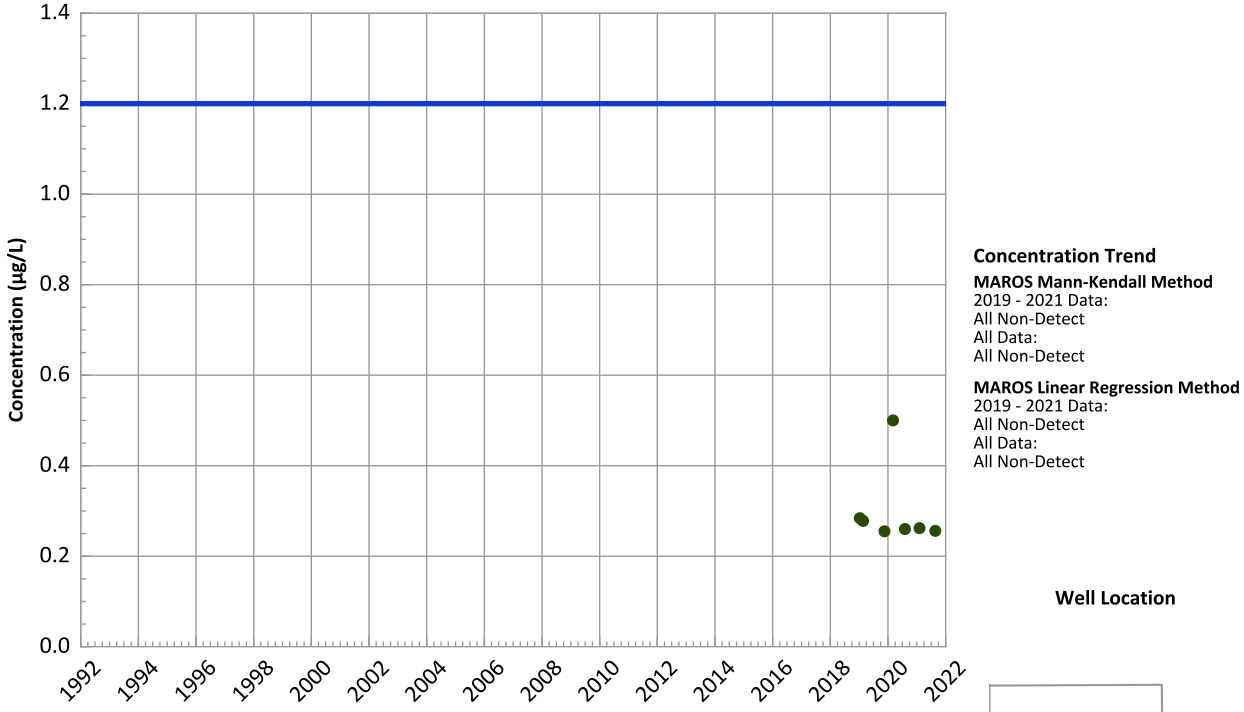


PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



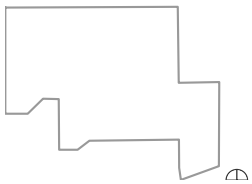
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

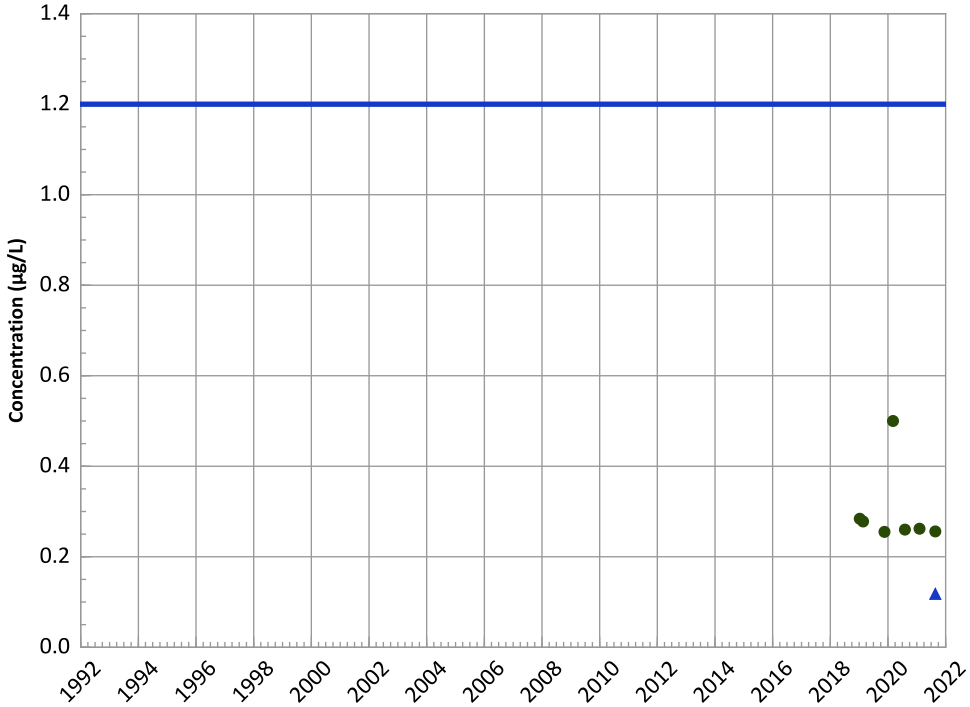
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

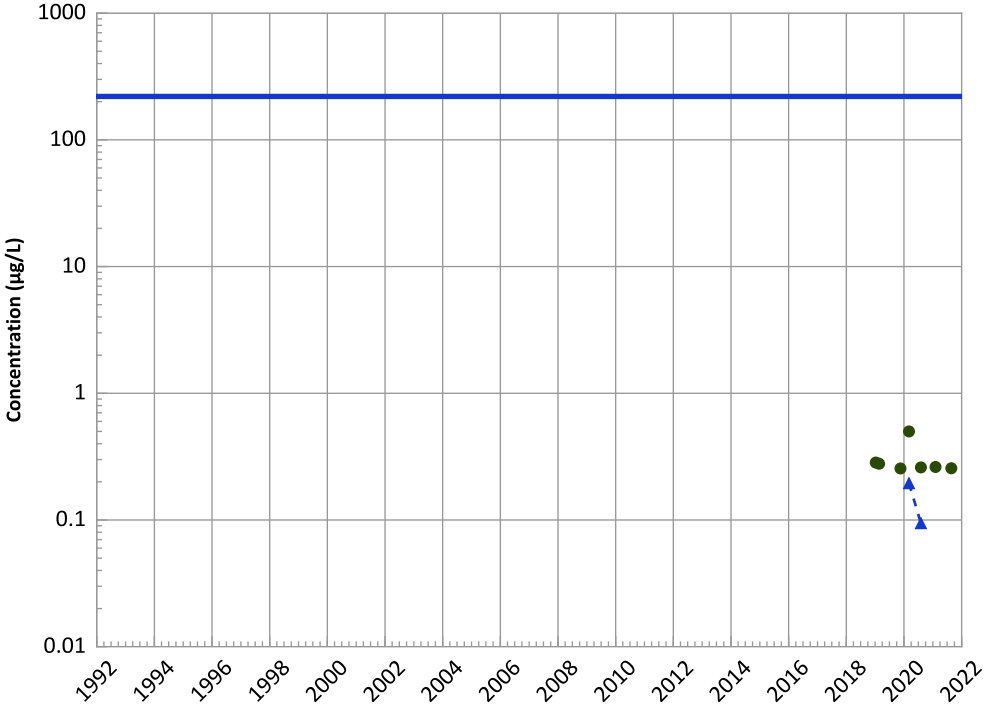


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

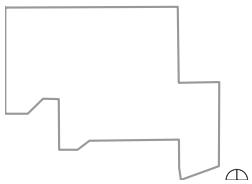
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

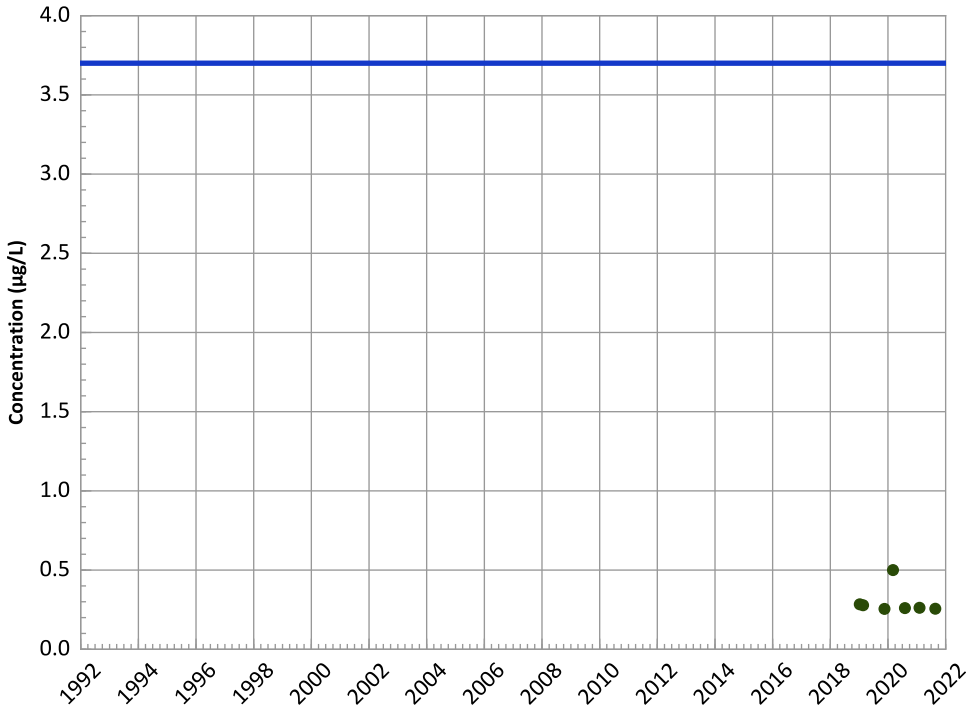
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

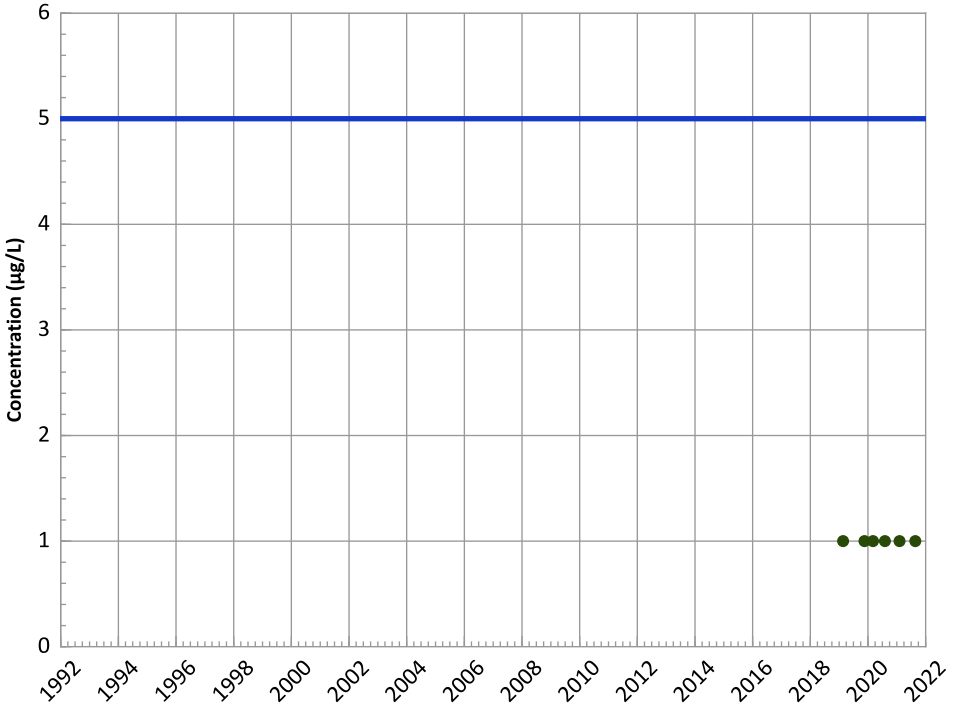


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

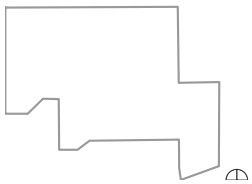
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

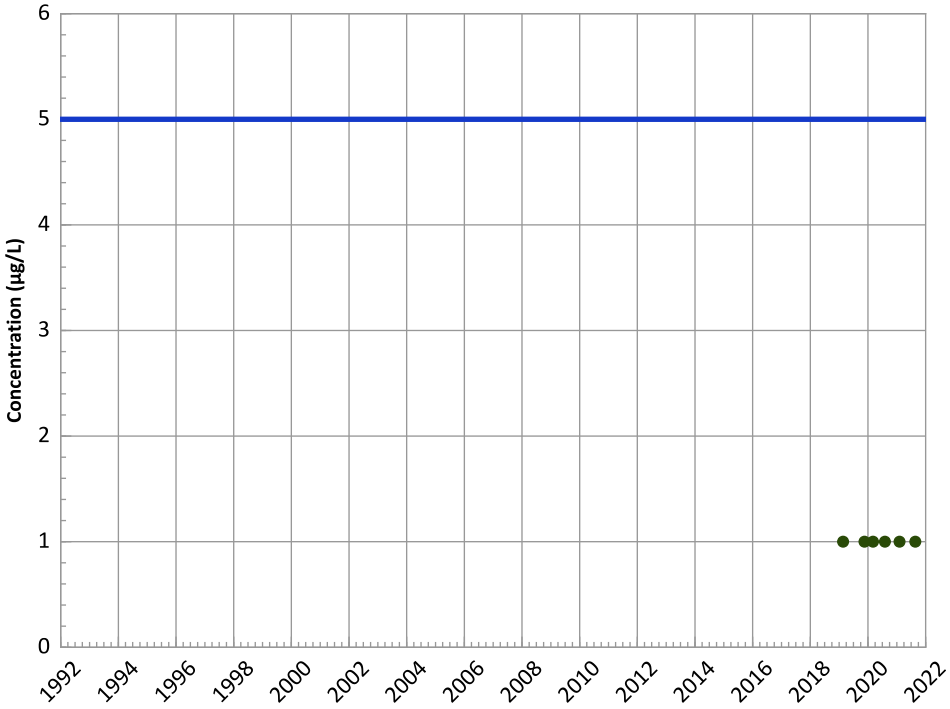
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

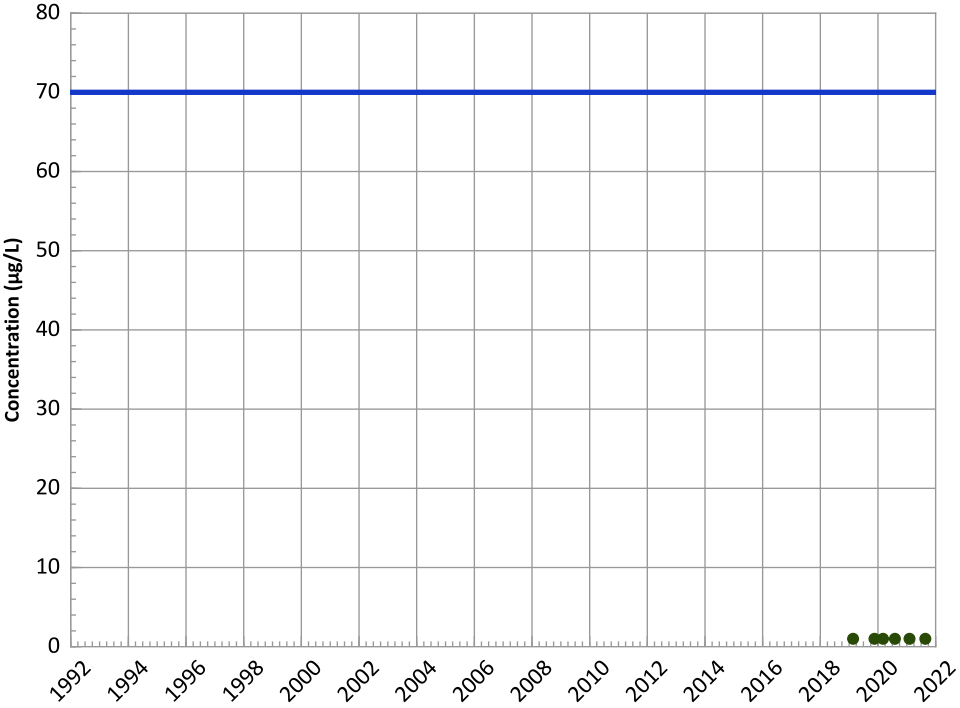


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

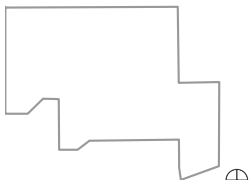
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

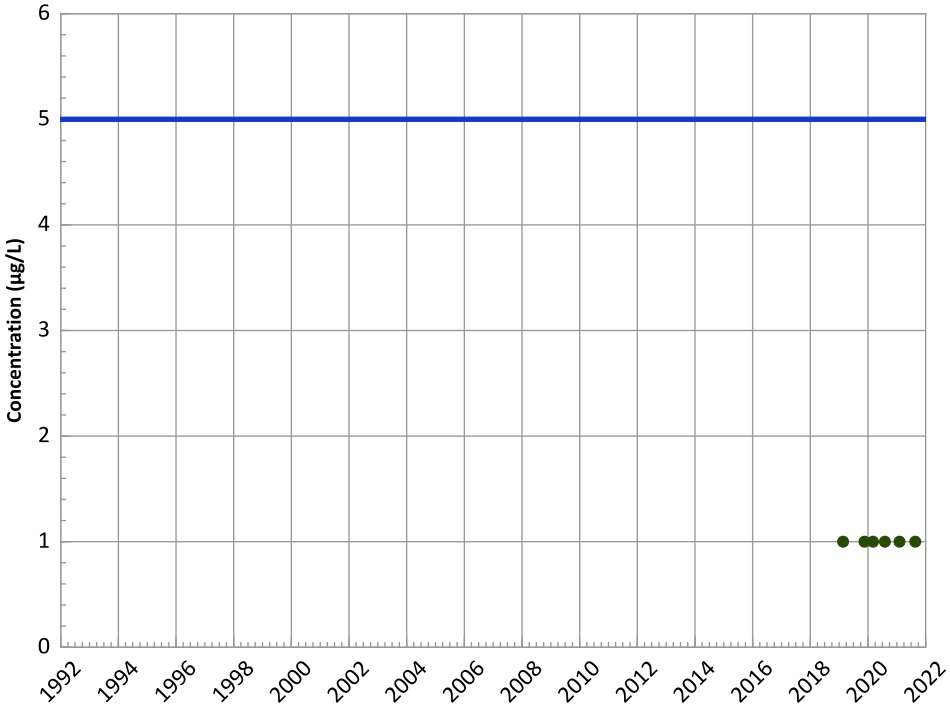
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

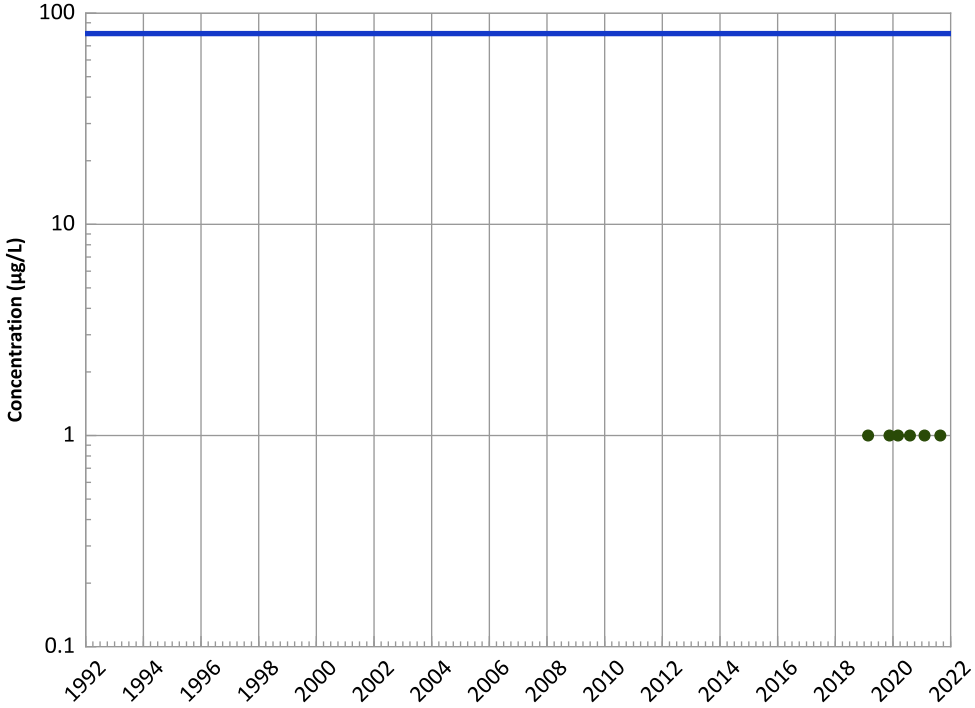


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

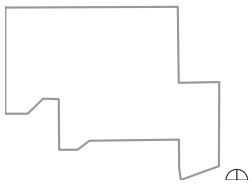
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

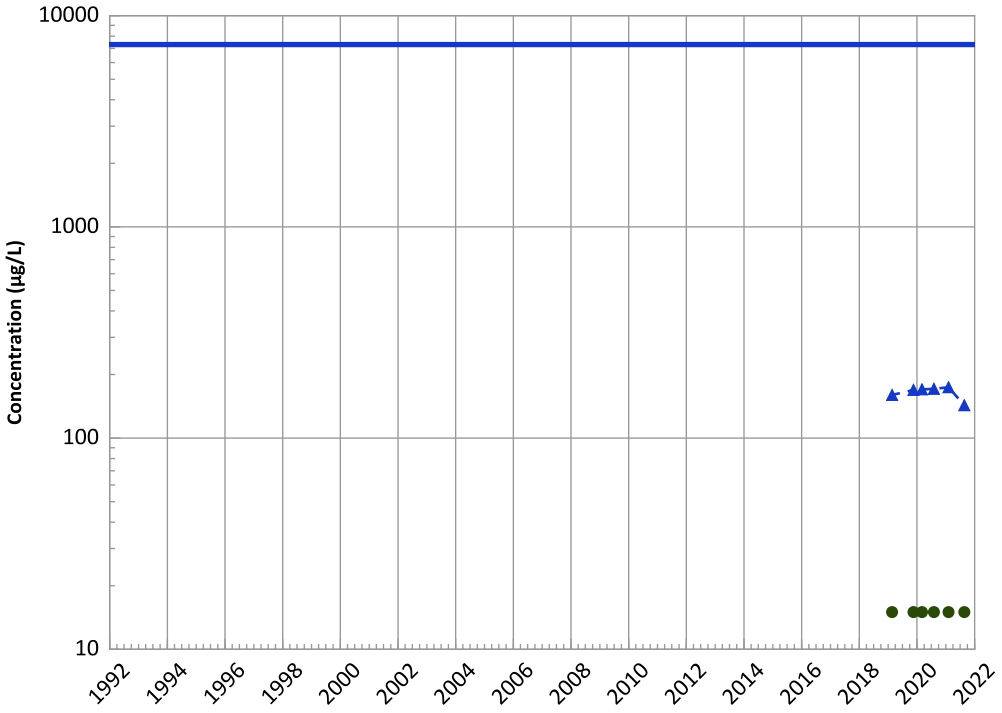
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

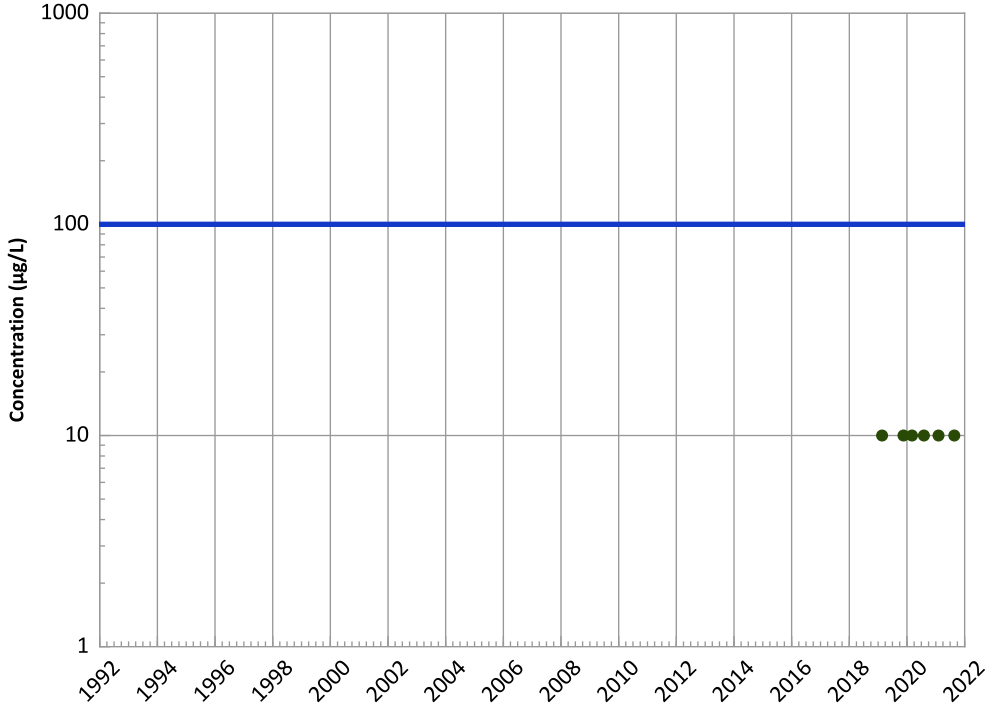


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Total Trend



Concentration Trend

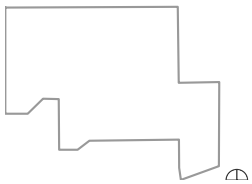
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

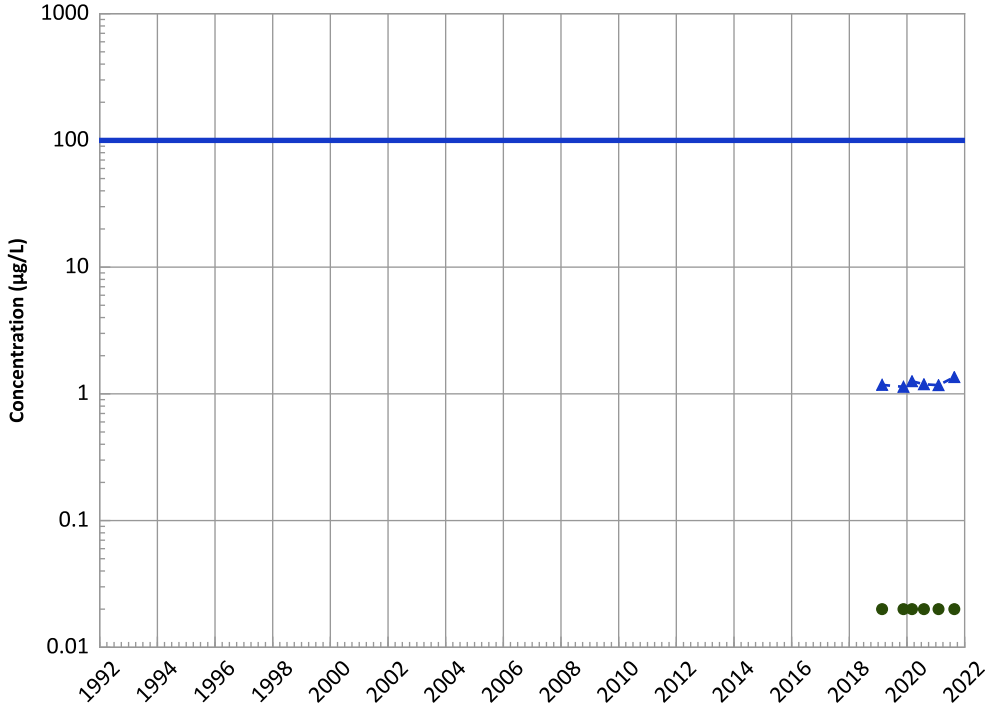
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1200 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

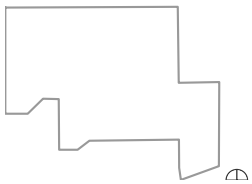
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

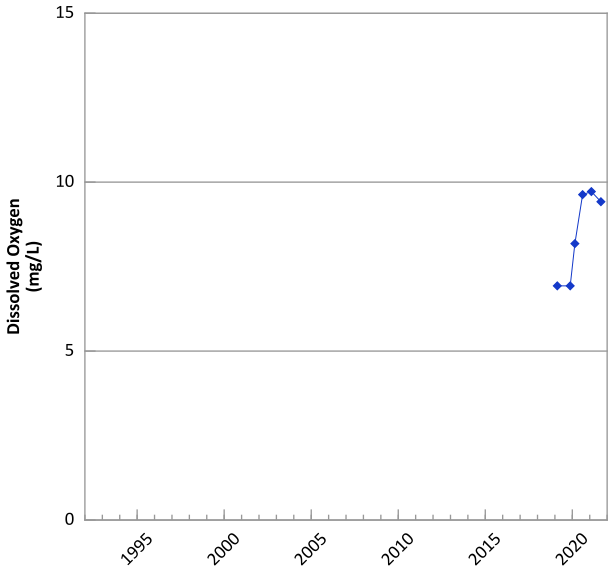
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/09/2019 to 08/23/2021
Analysis Date: 04/05/2022

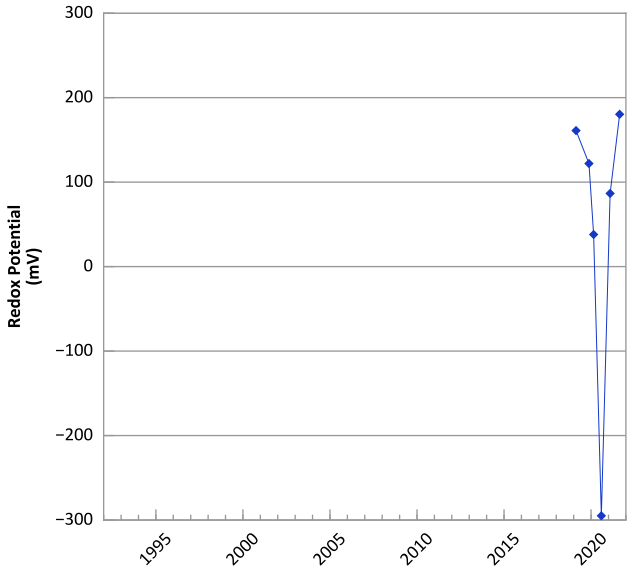
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

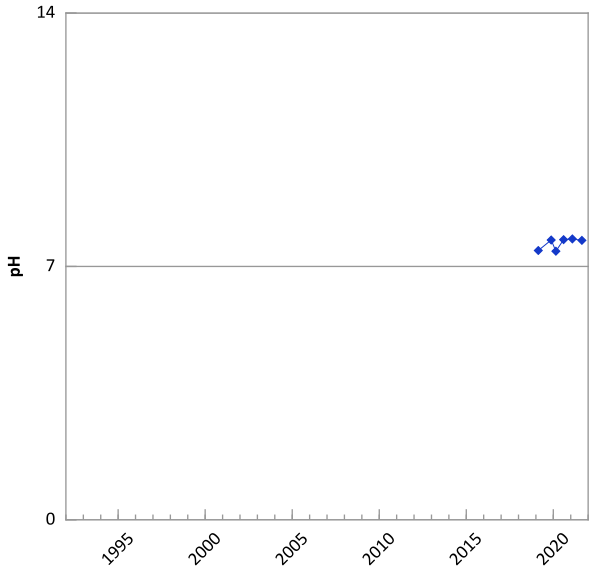
Well Location

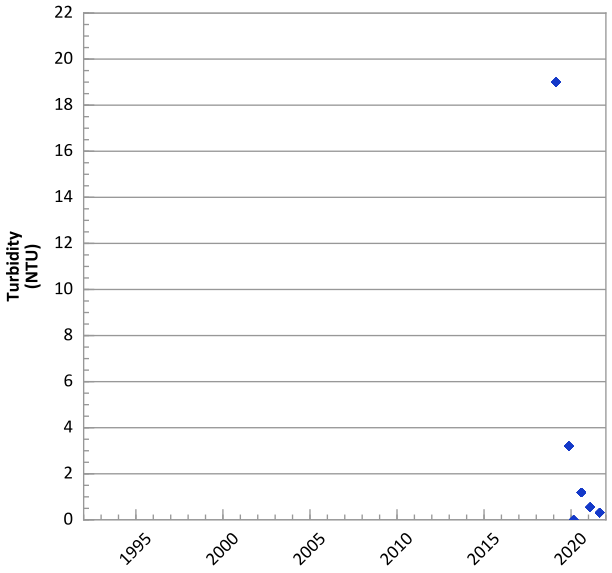


PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



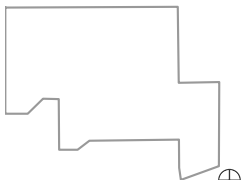






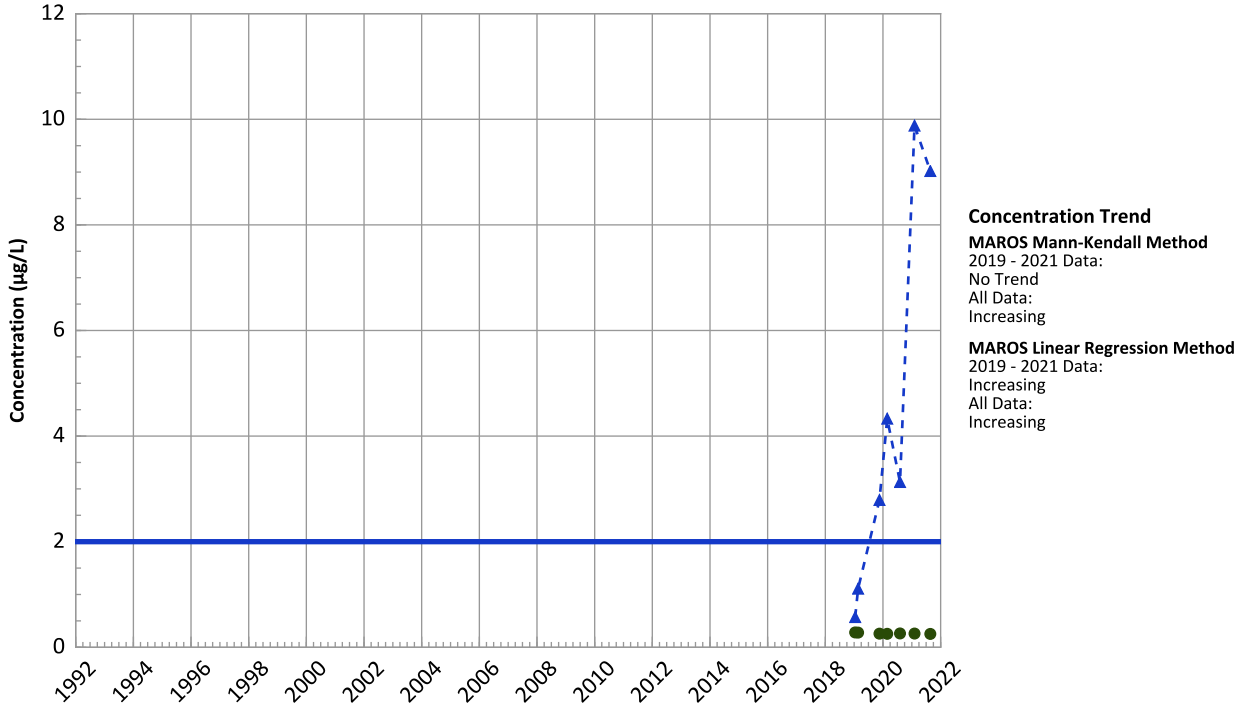
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

Well Location

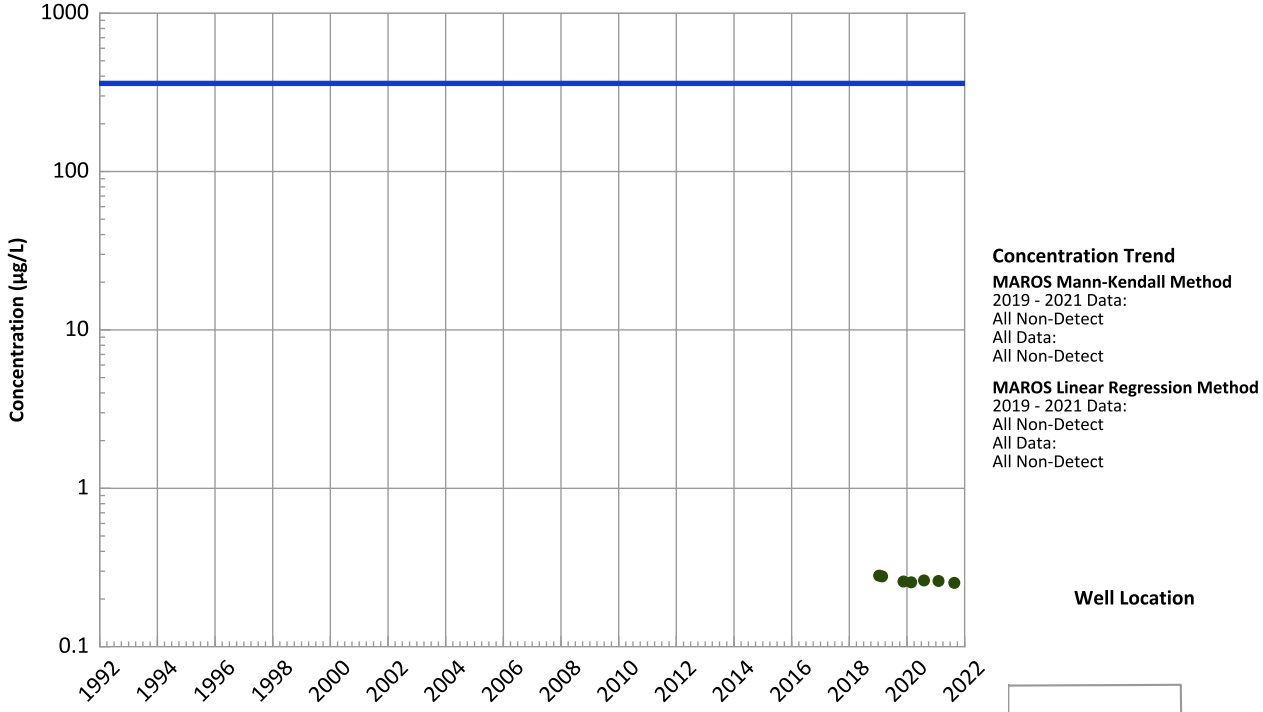


PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



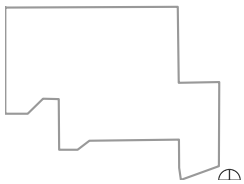
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

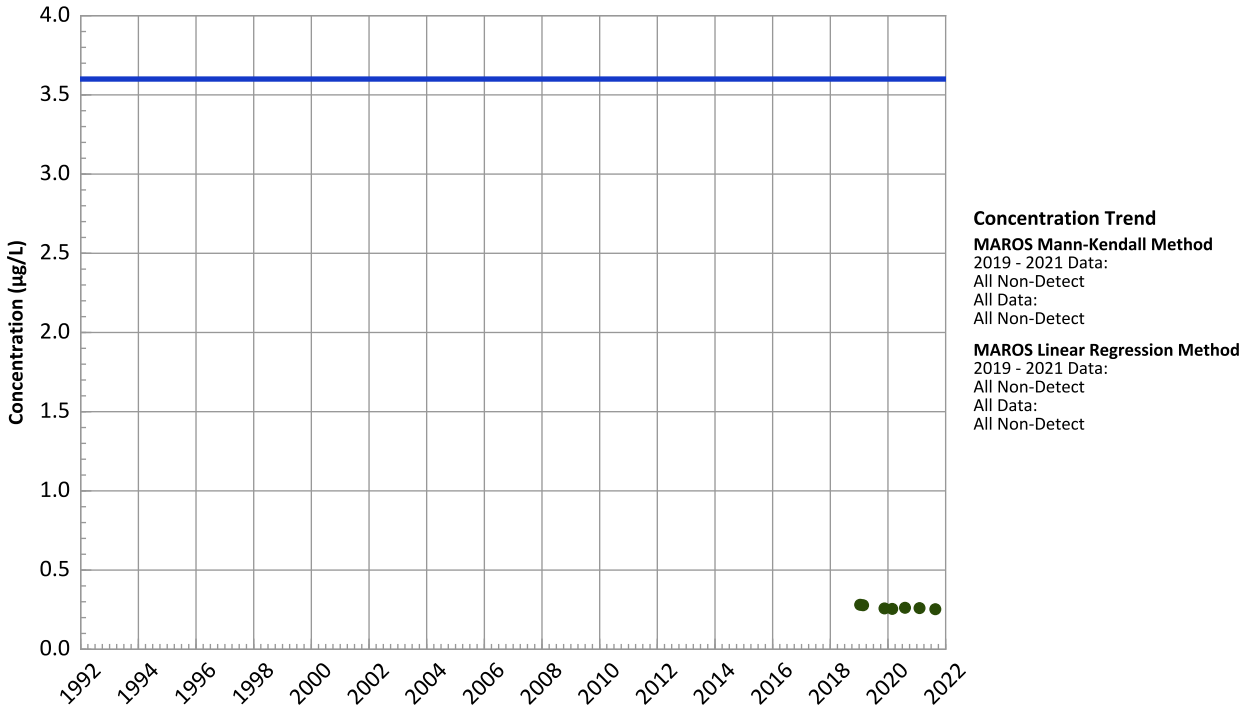
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

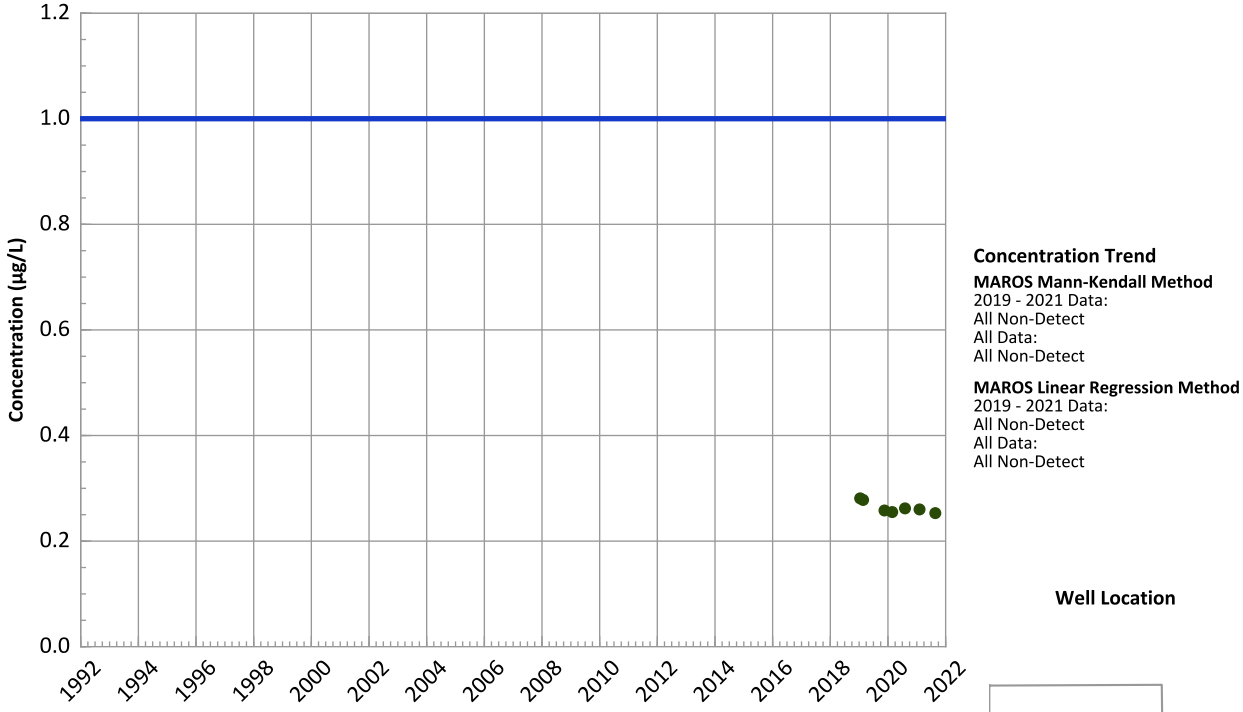


PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



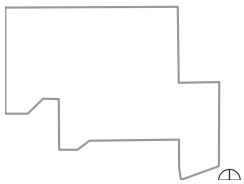
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

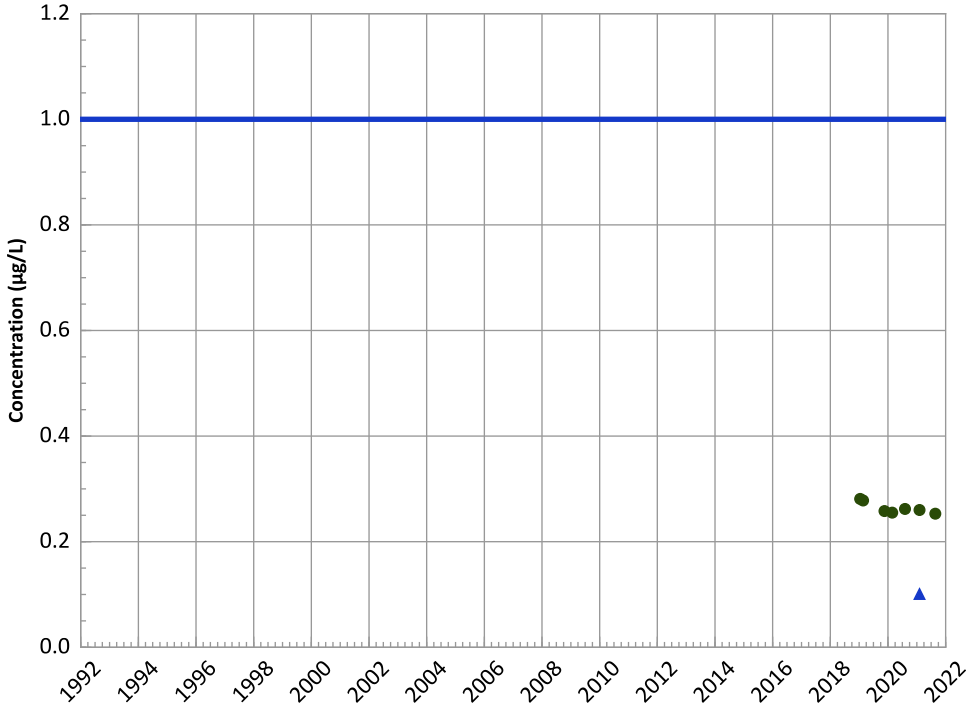
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

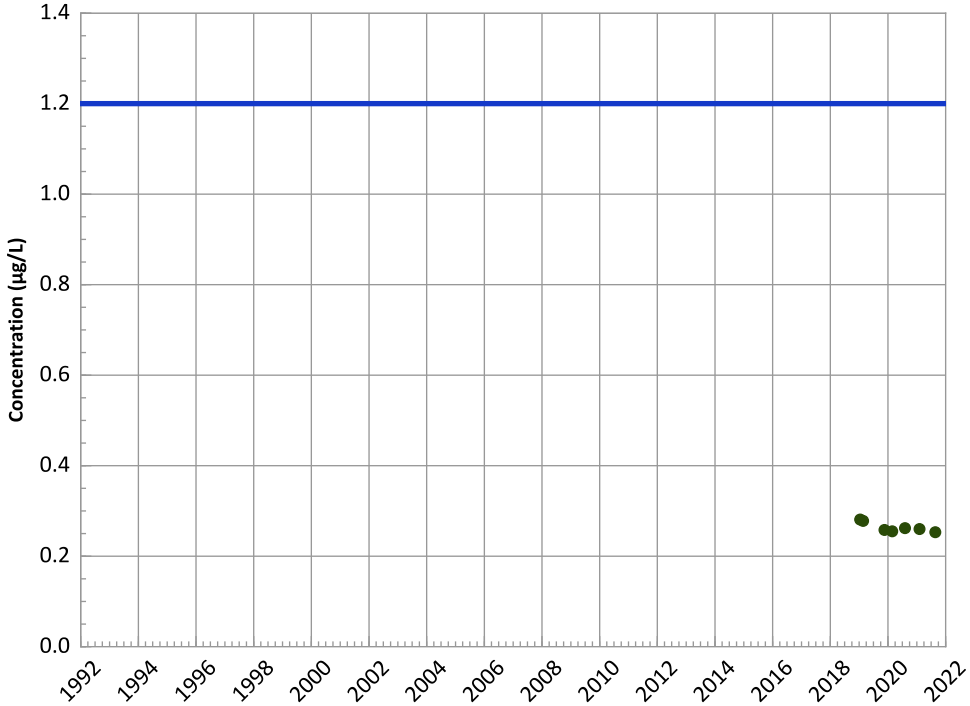


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

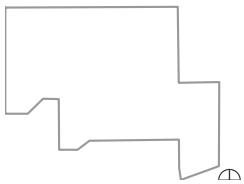
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

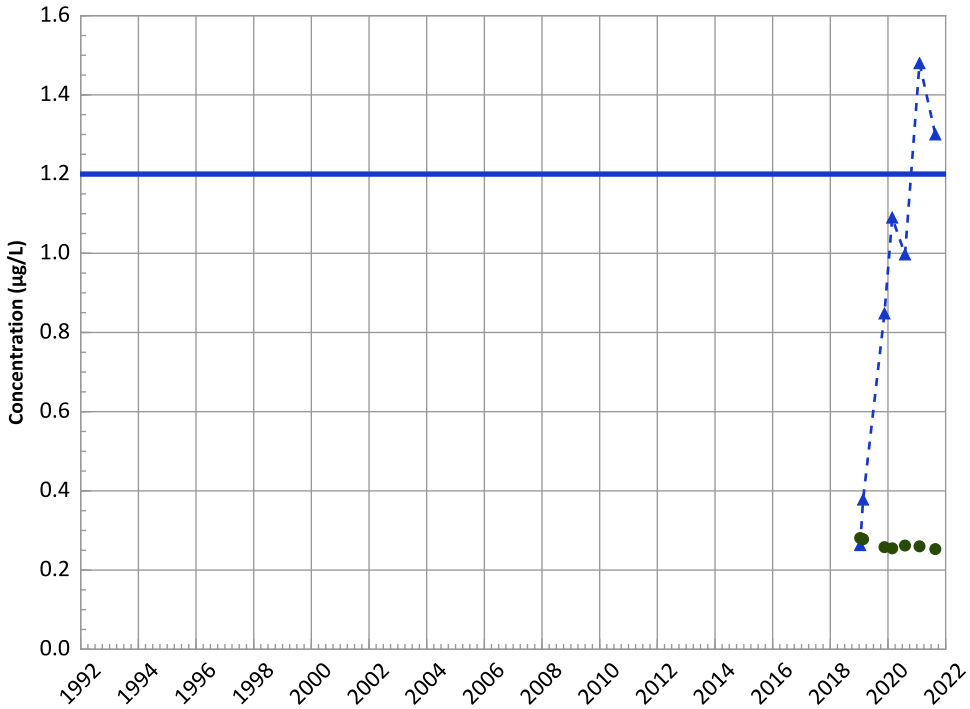
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

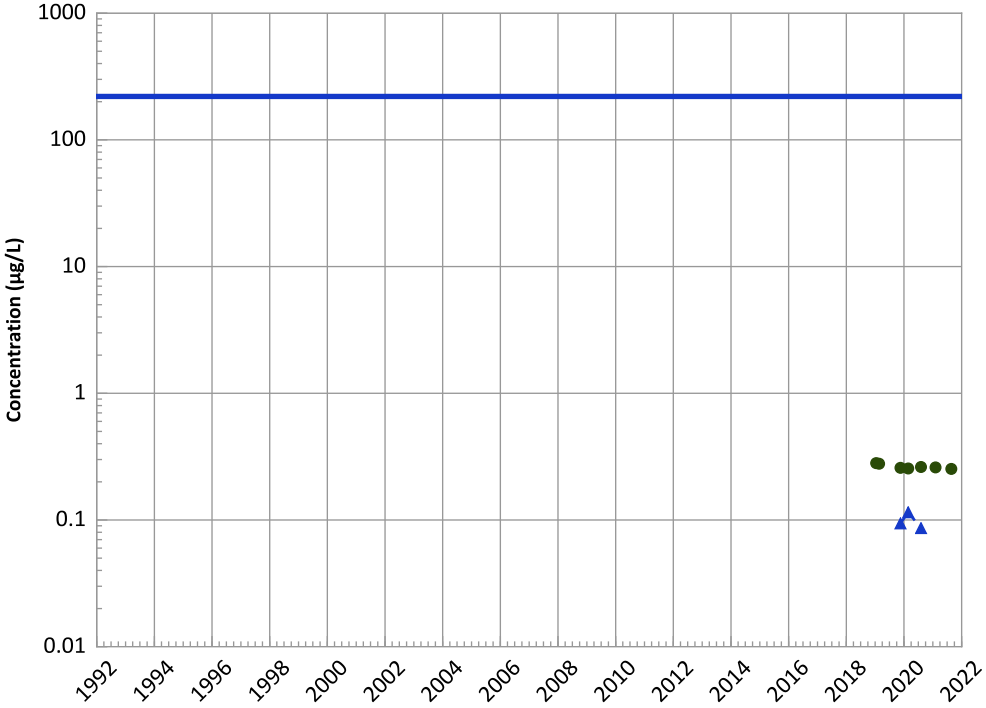


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

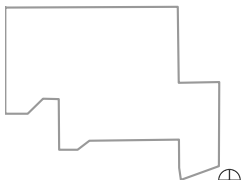
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

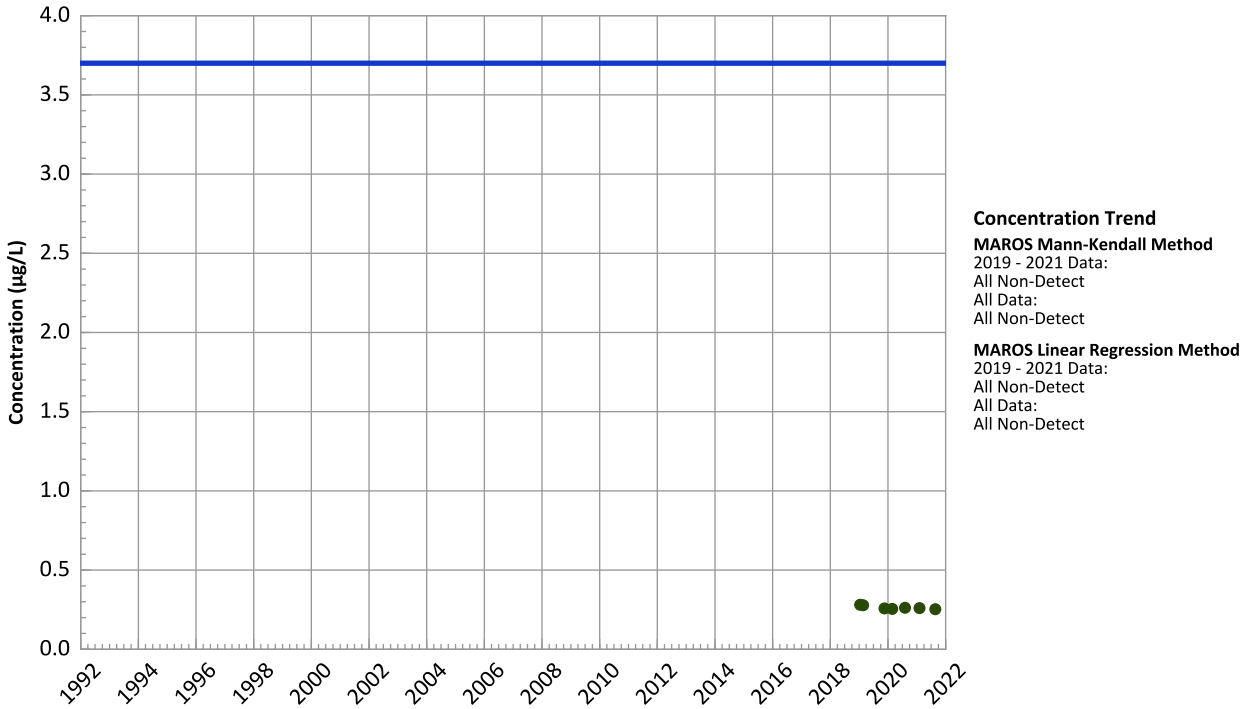
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

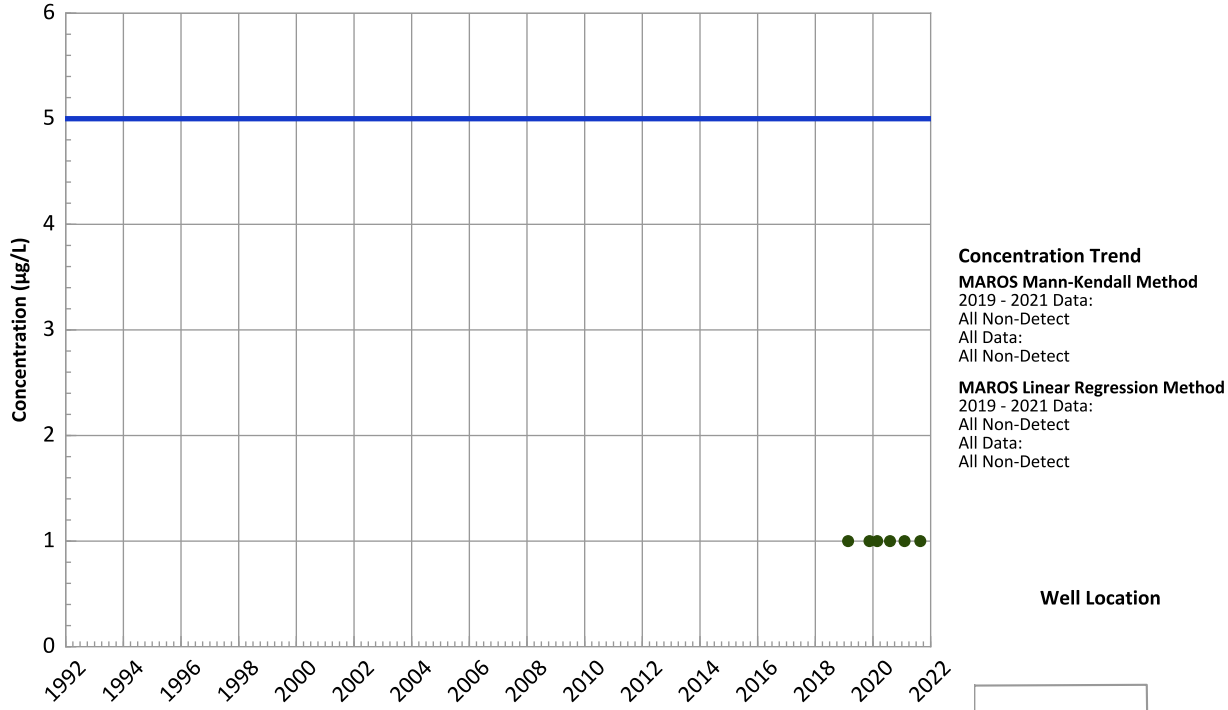


PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



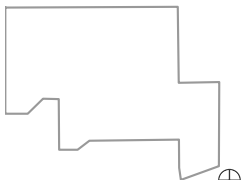
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

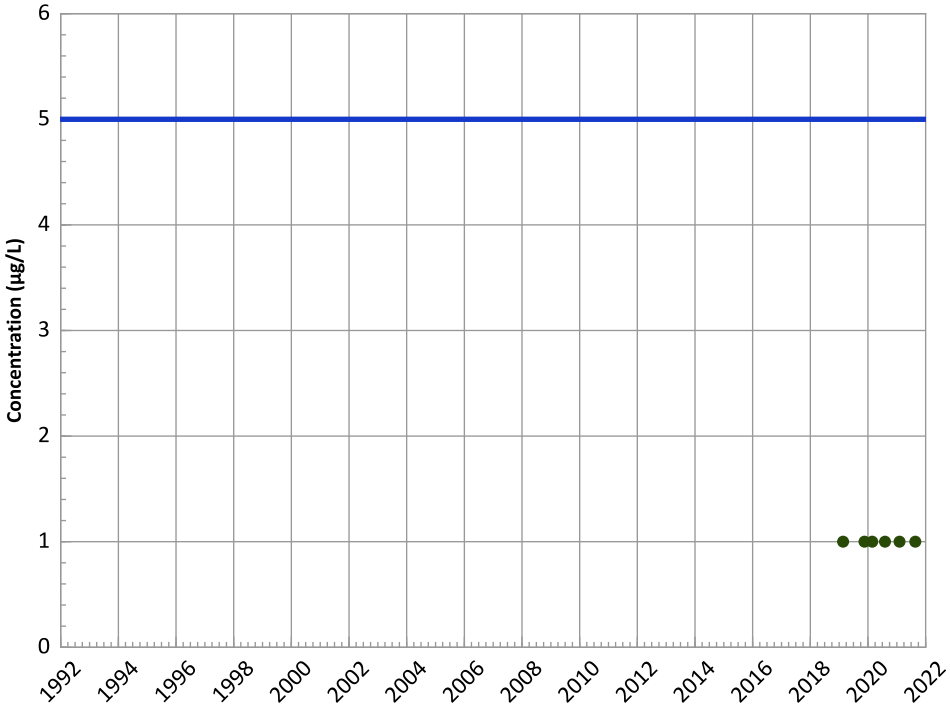
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

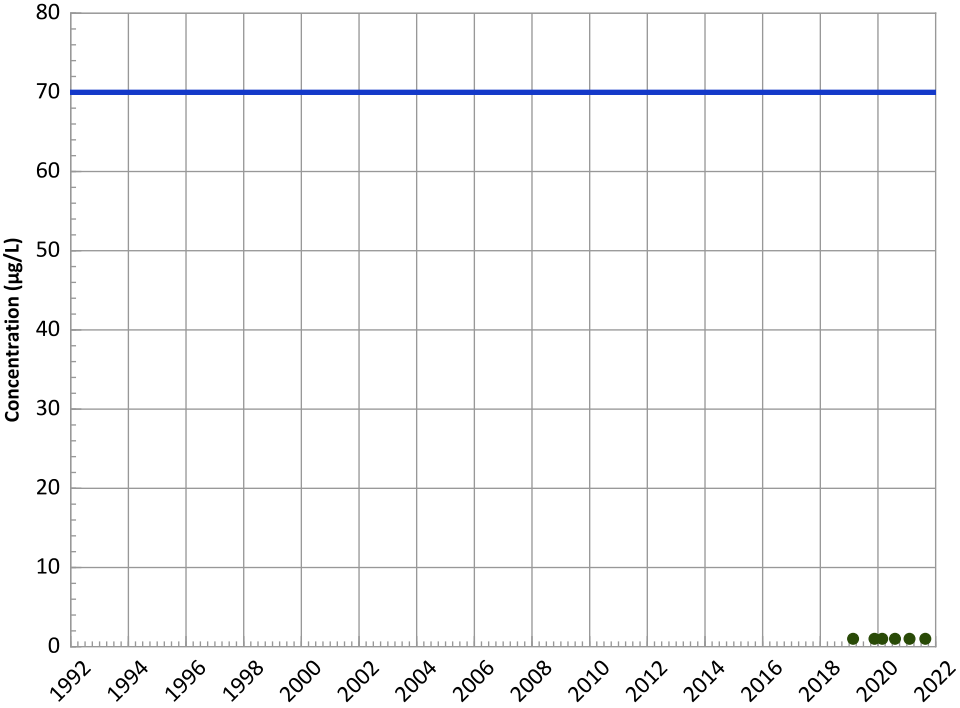


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

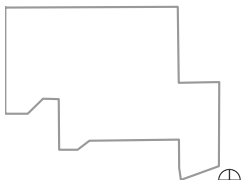
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

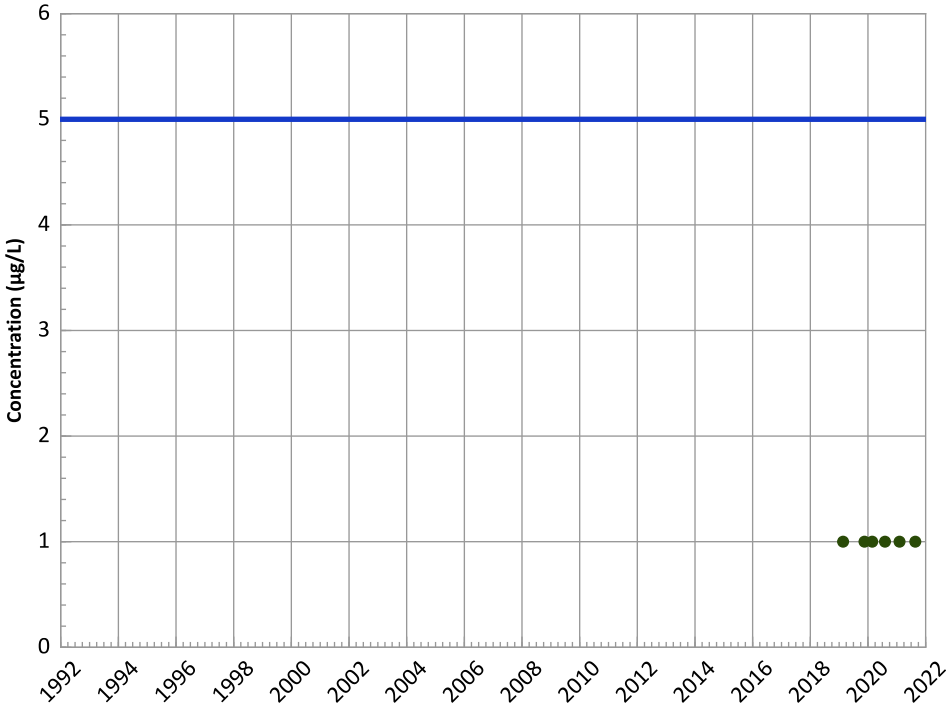
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

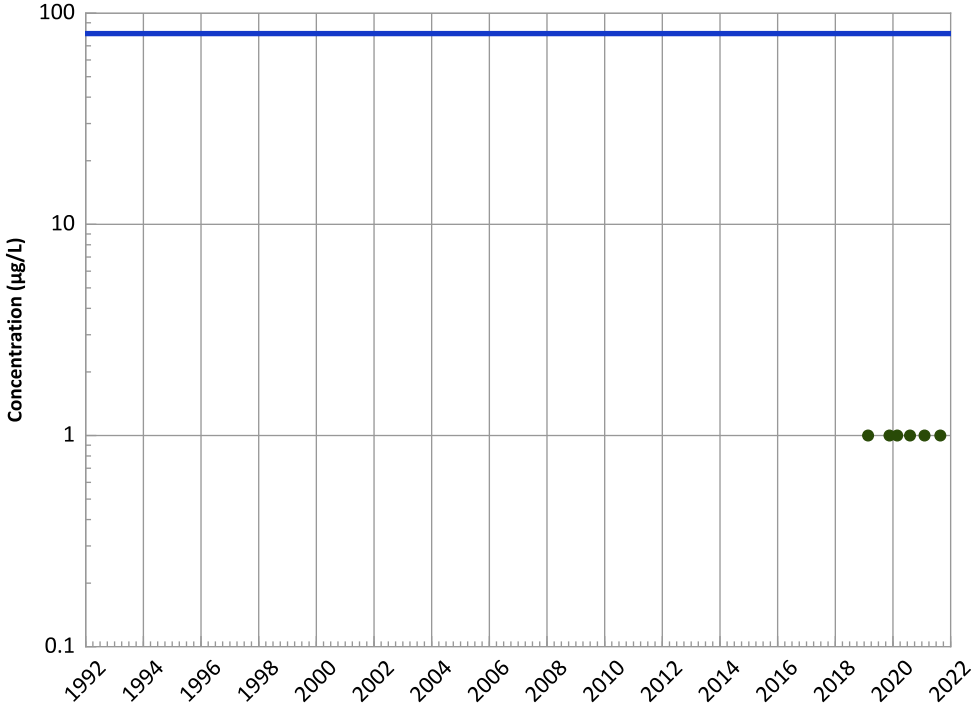


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

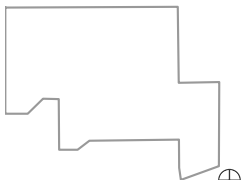
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

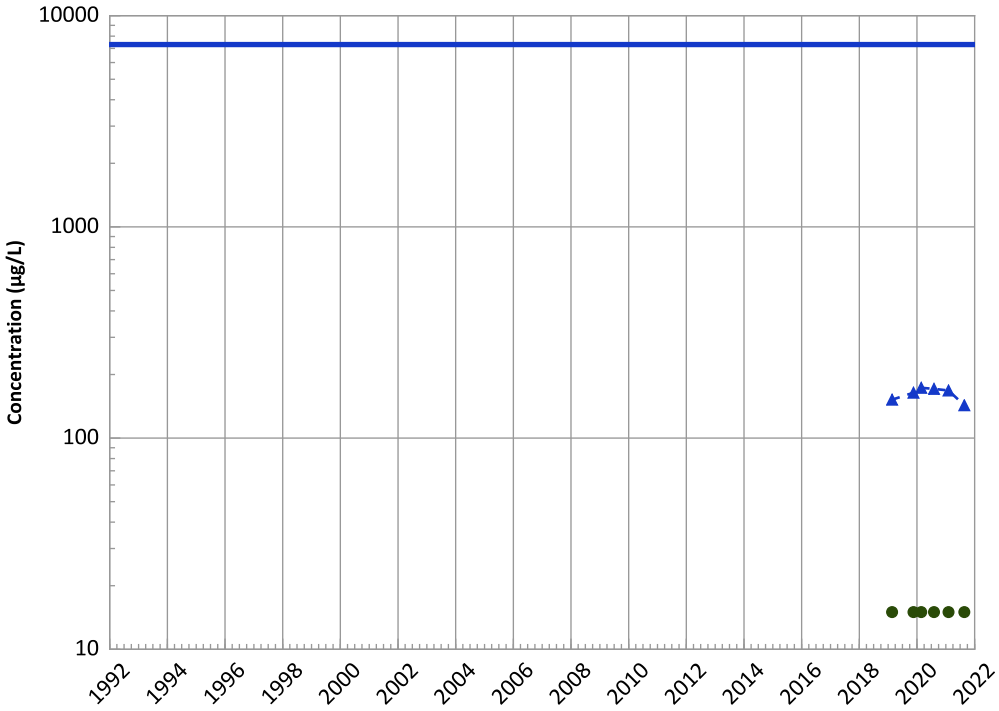
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

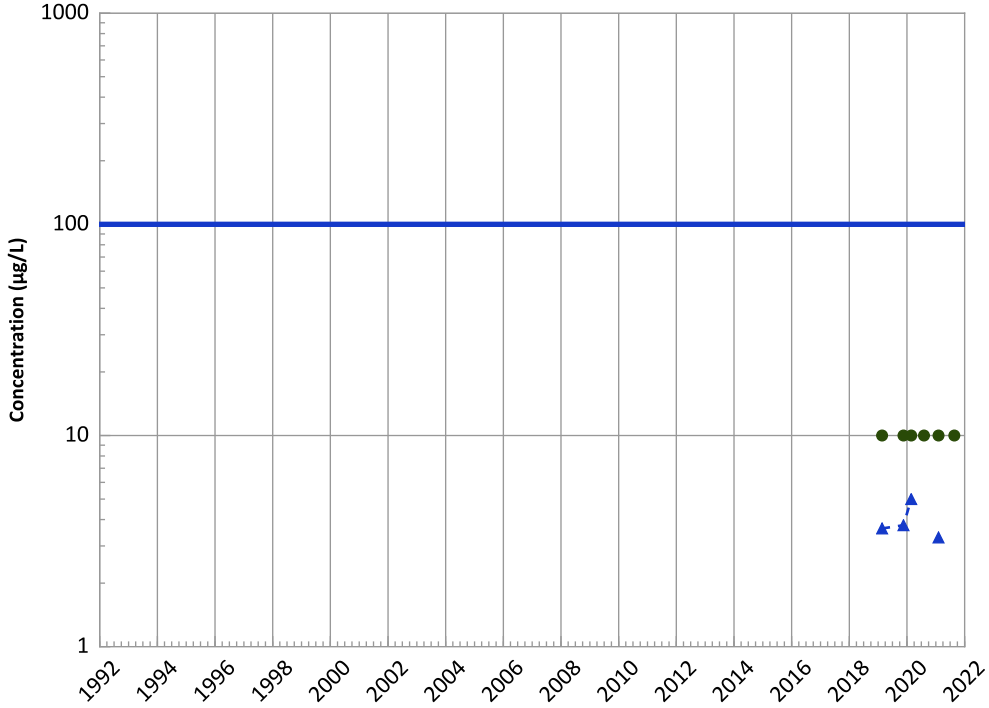


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Total Trend



Concentration Trend

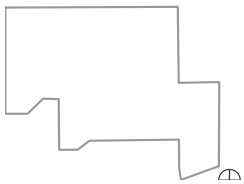
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

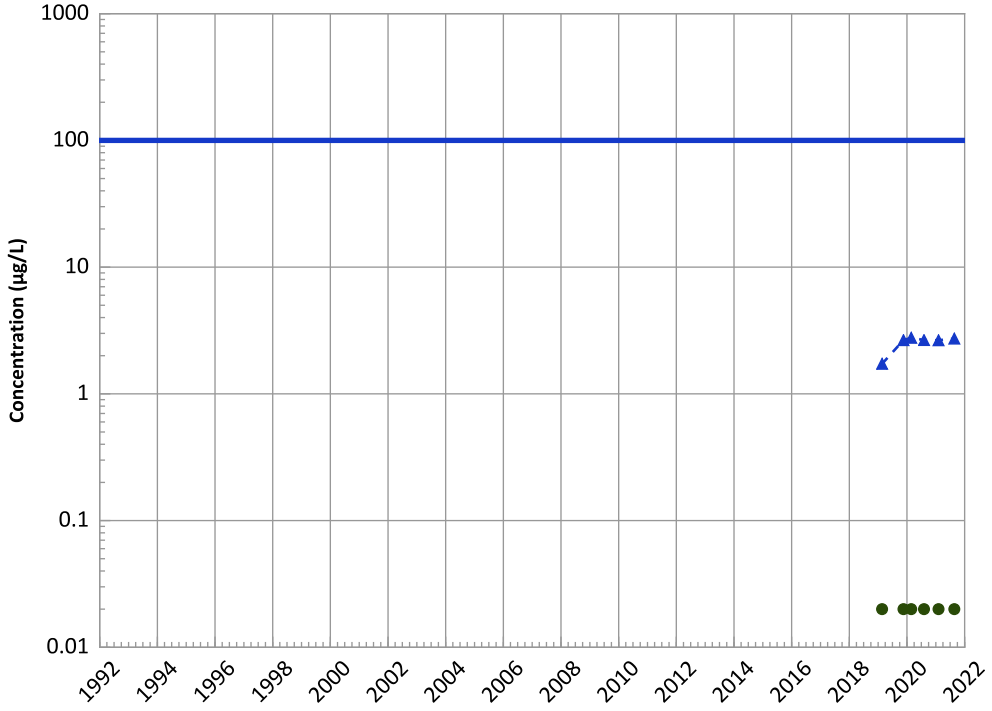
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1201 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

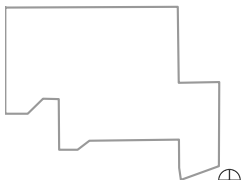
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

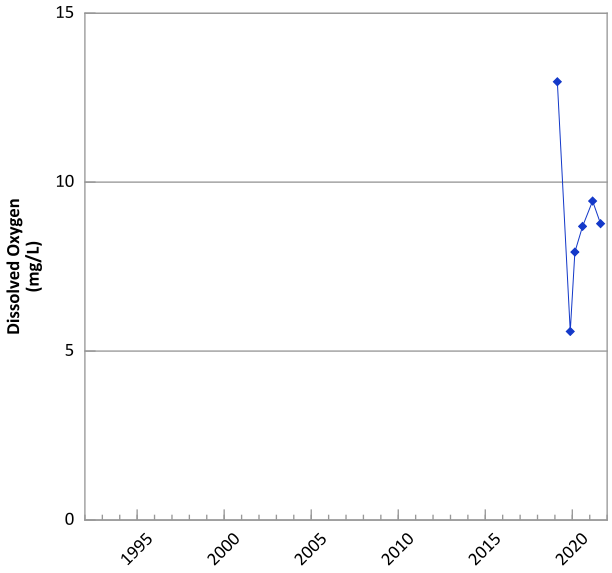
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/14/2019 to 08/23/2021
Analysis Date: 04/05/2022

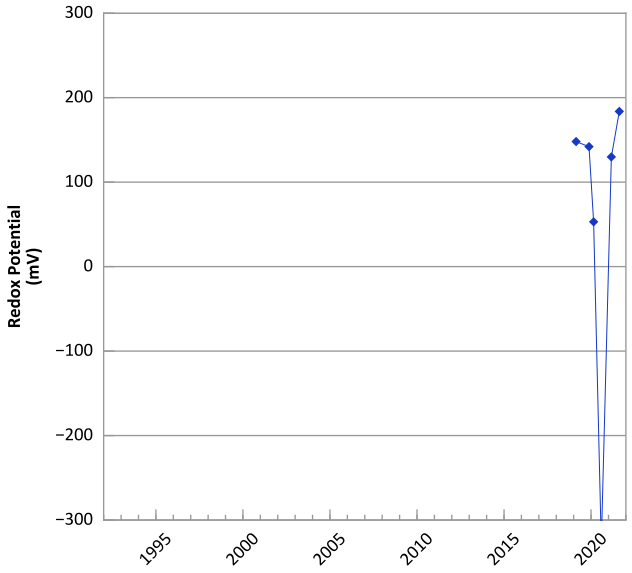
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

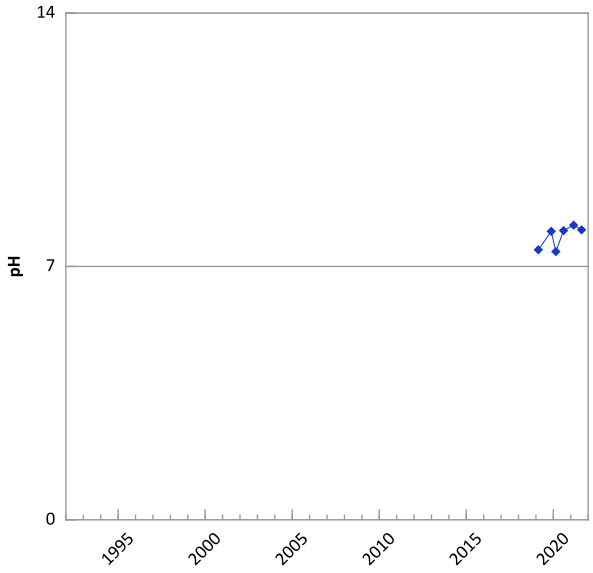
Well Location

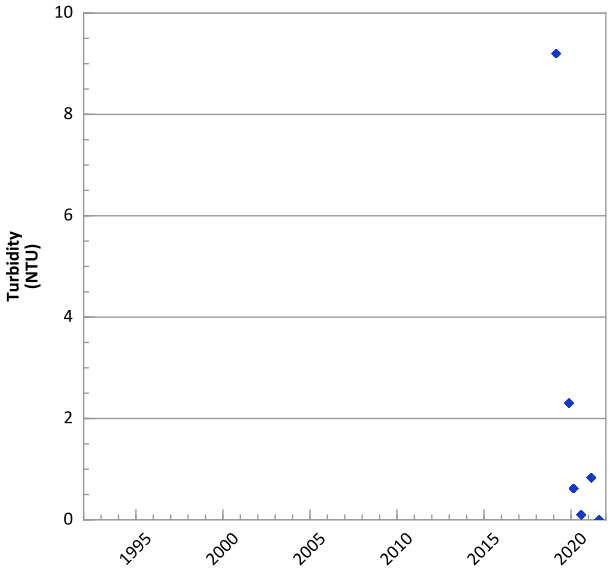


PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



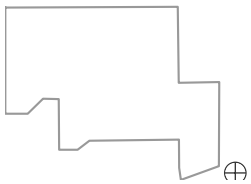






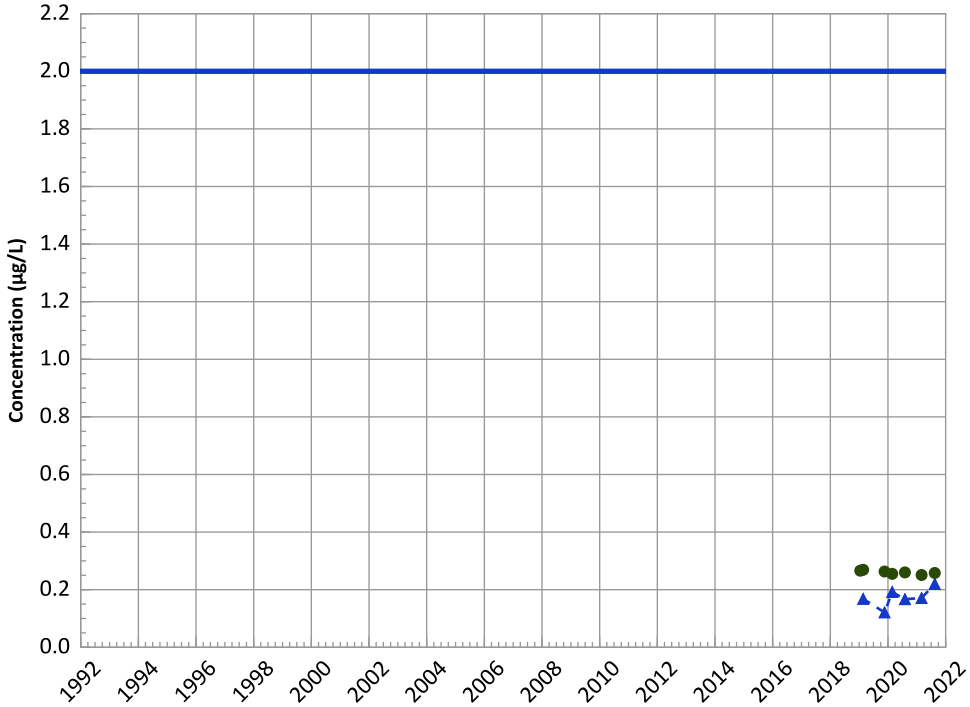
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

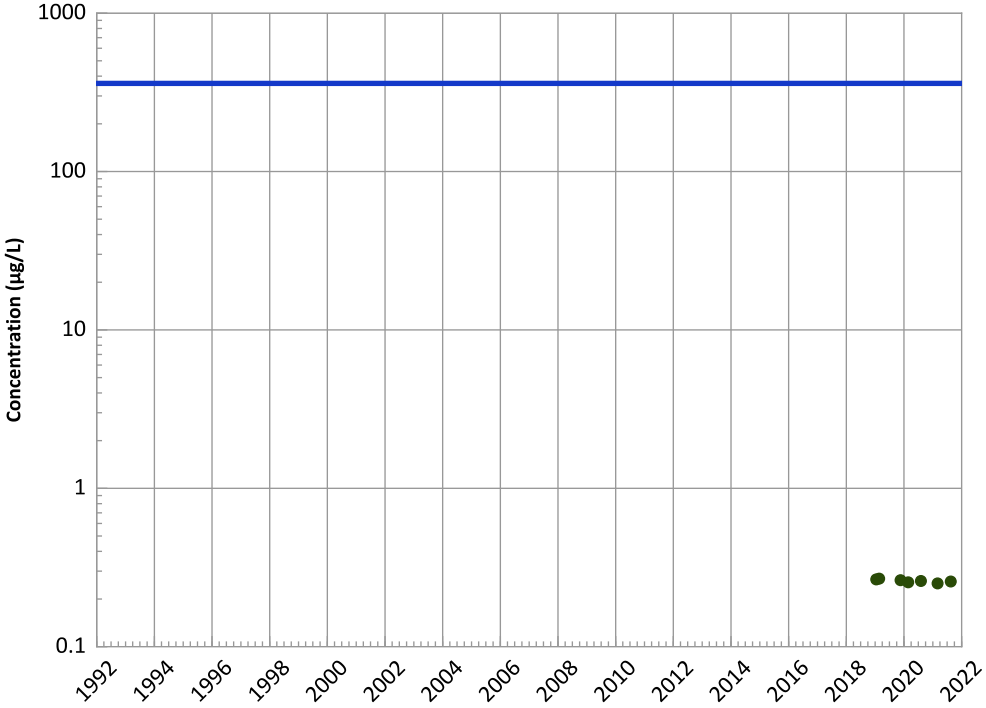


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

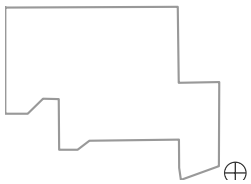
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

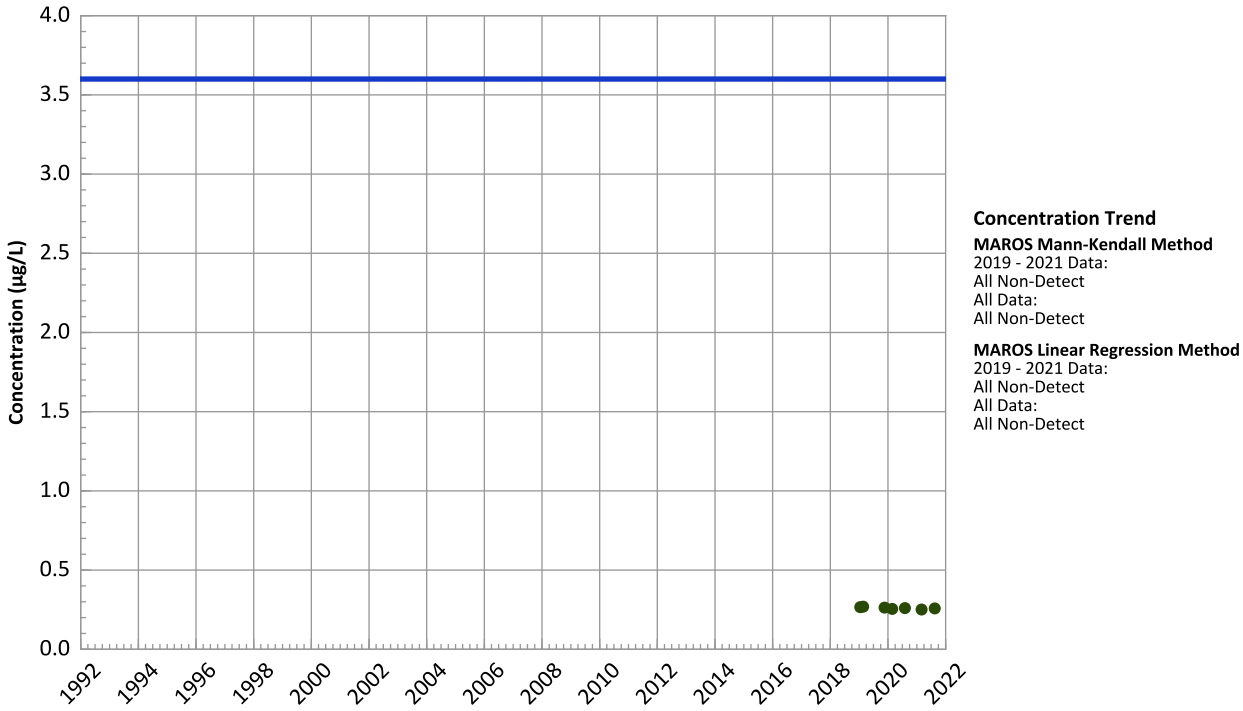
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

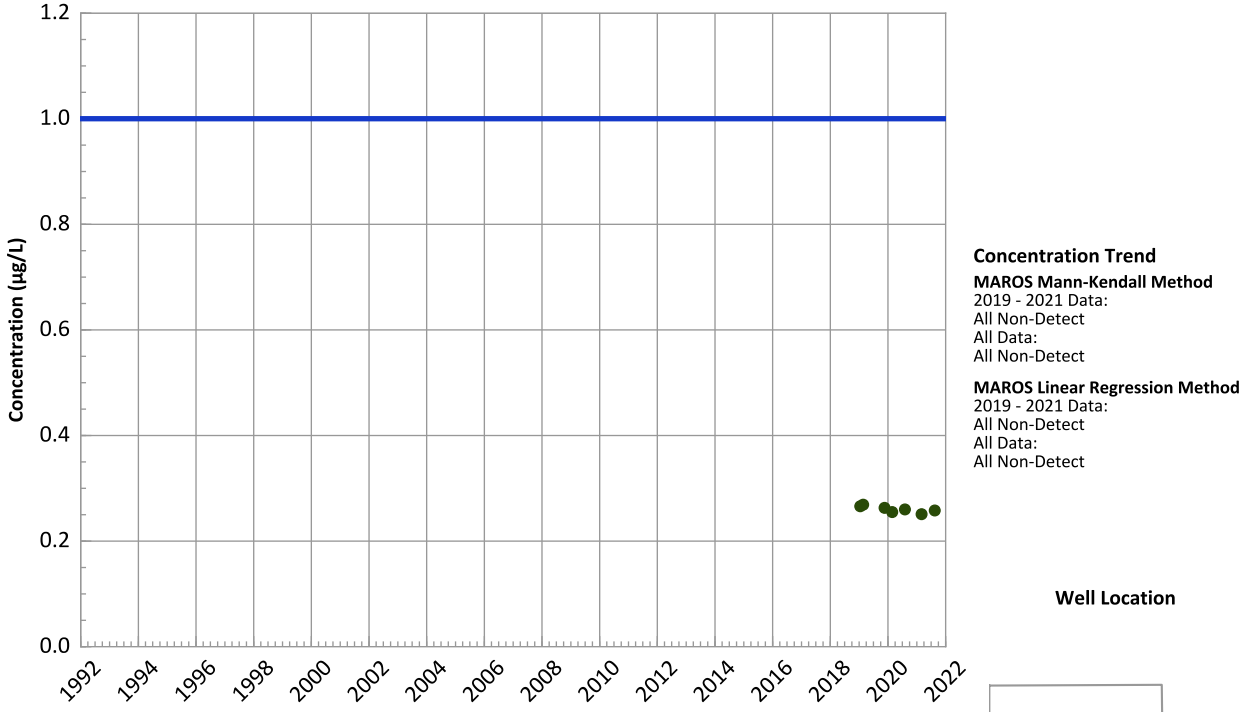


PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



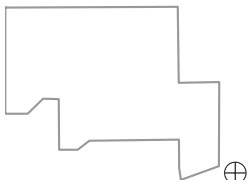
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

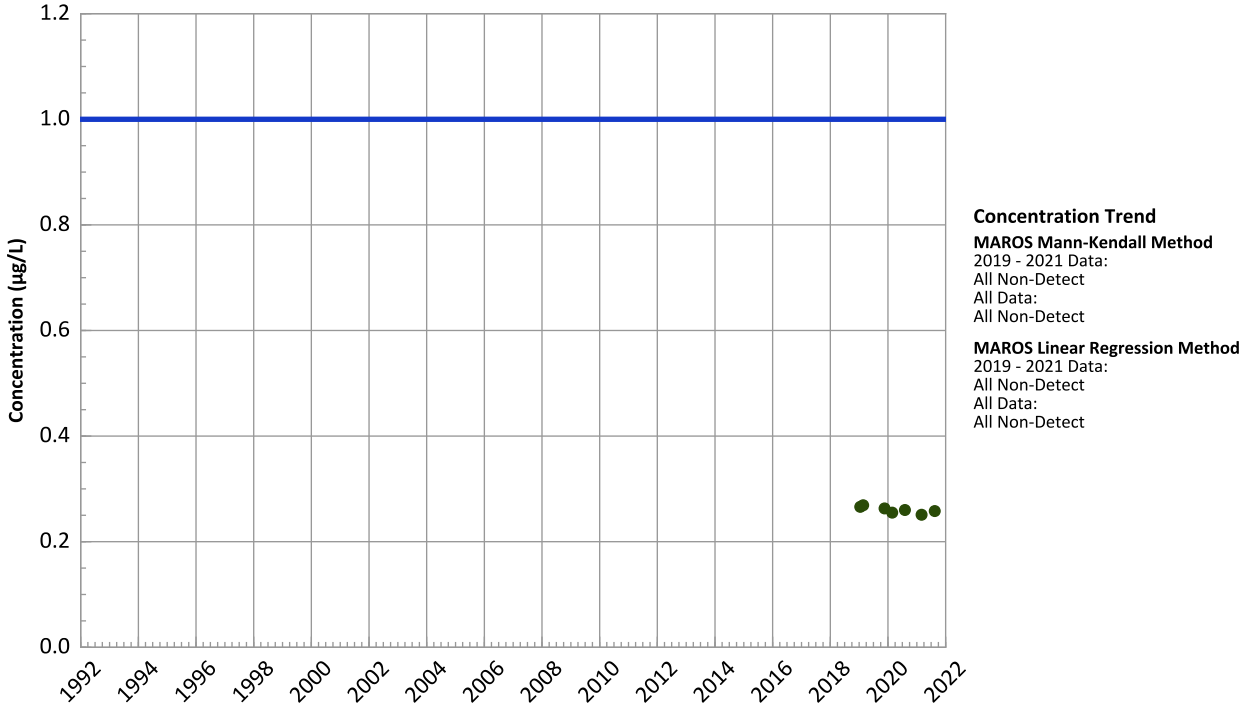
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

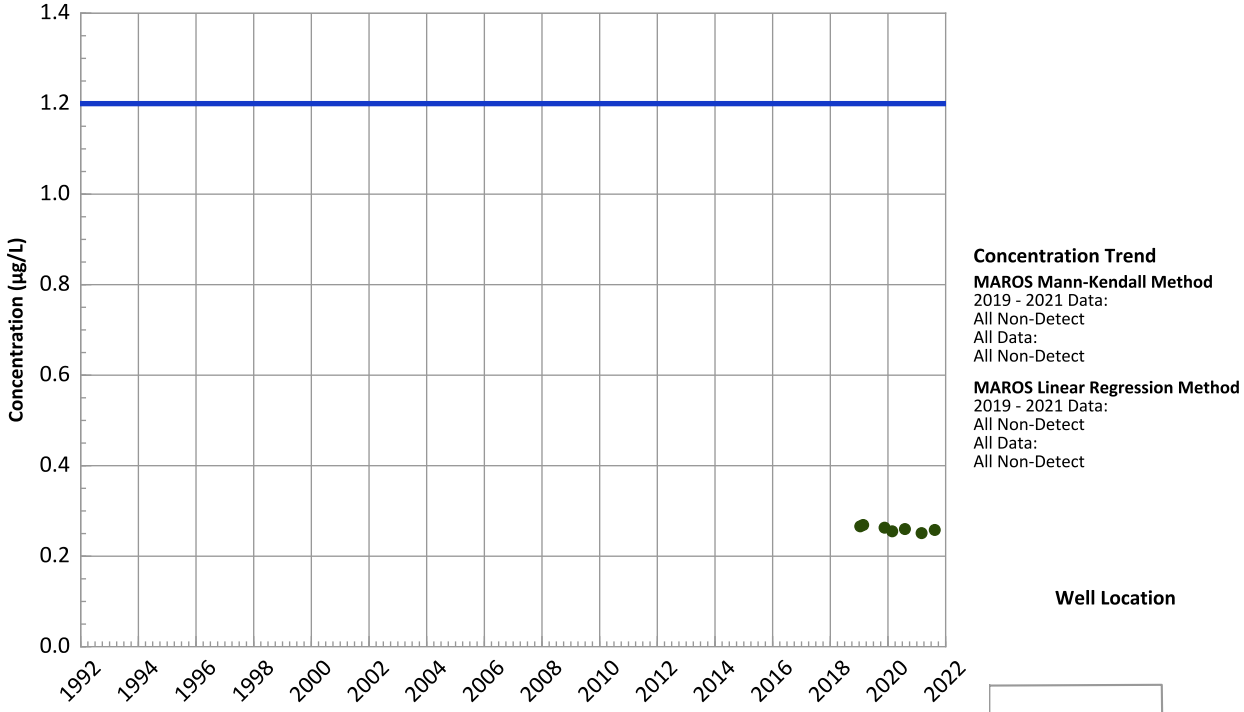


PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend



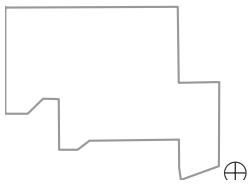
2-Amino-4,6-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

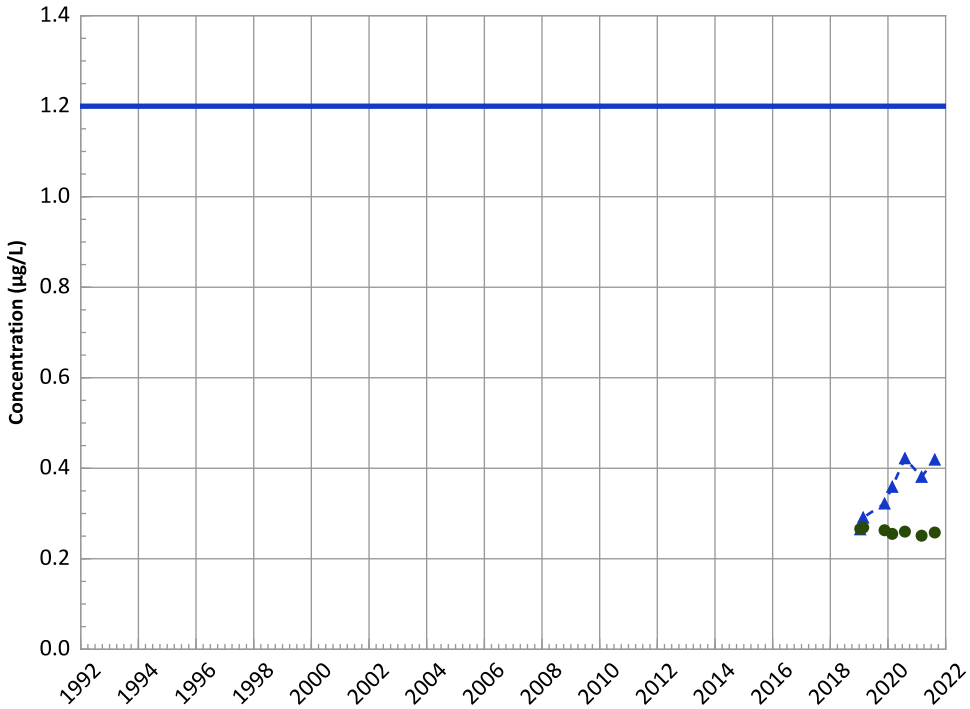
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

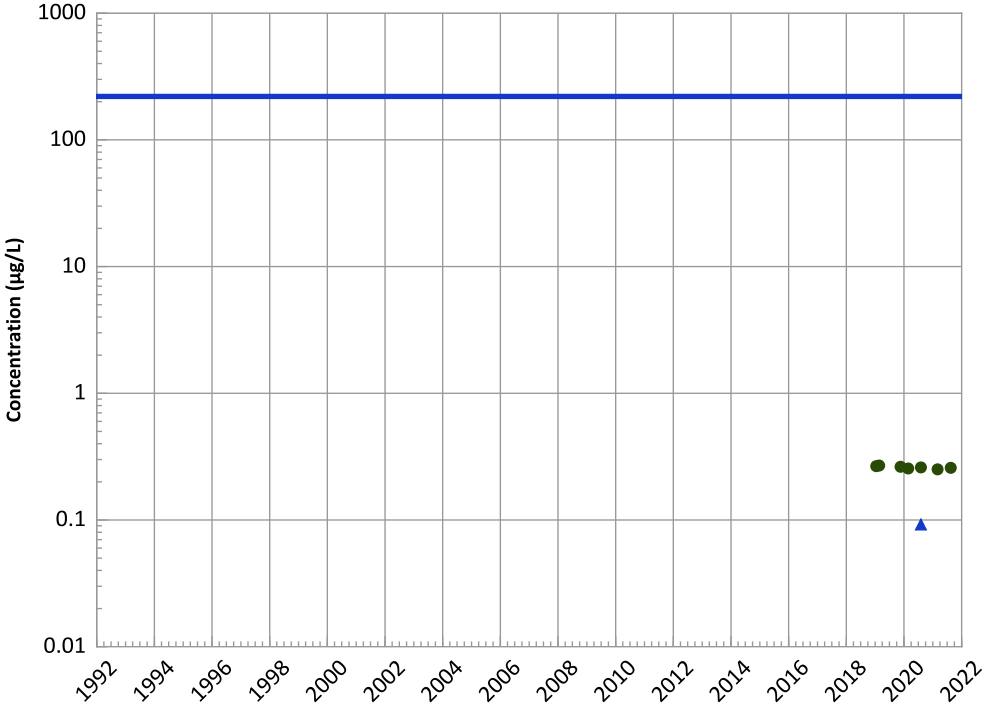


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

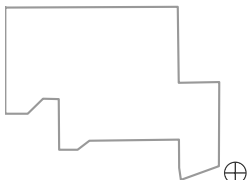
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

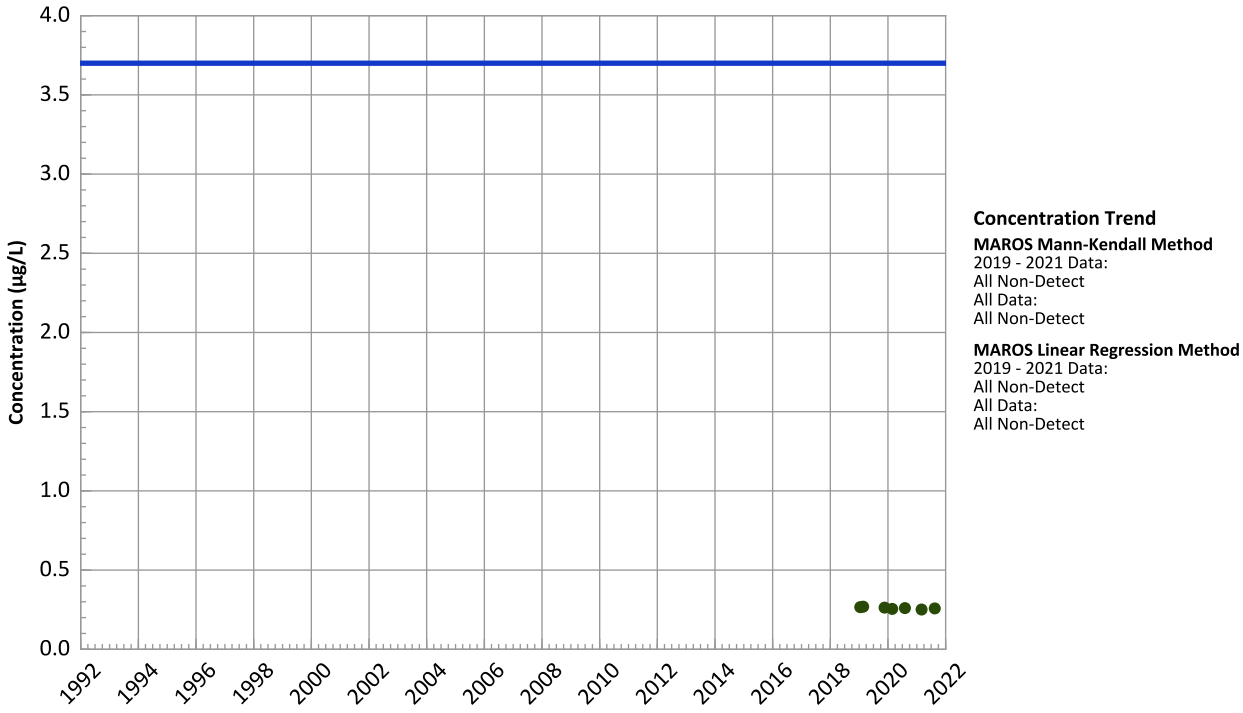
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

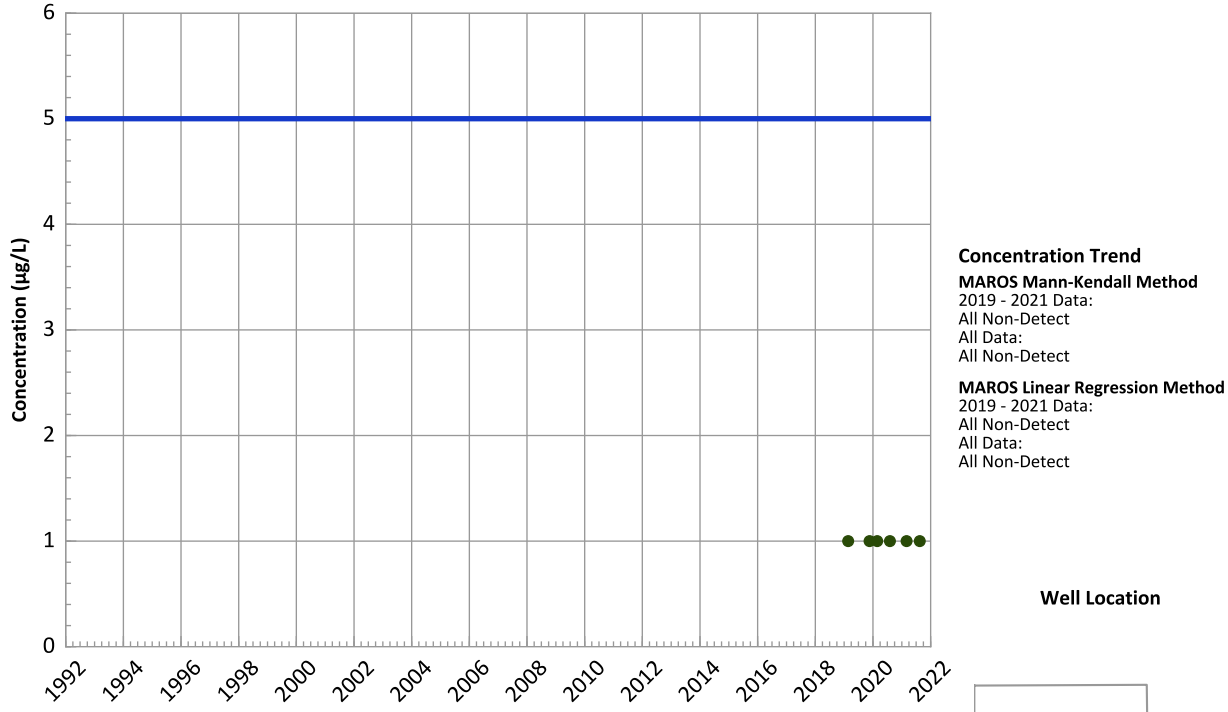


PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



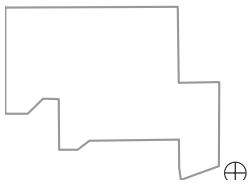
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

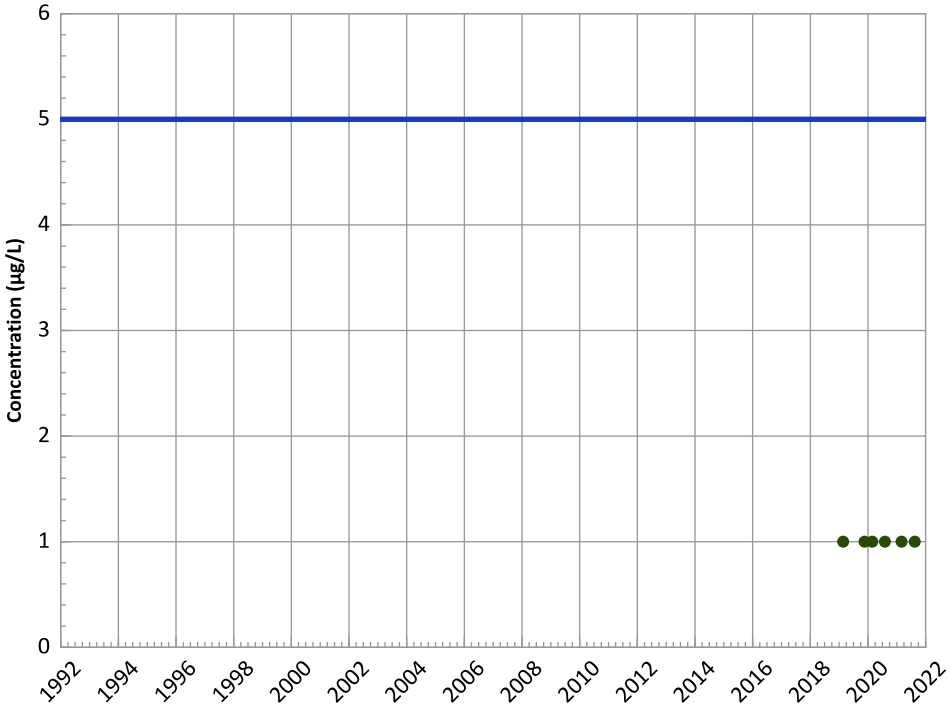
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

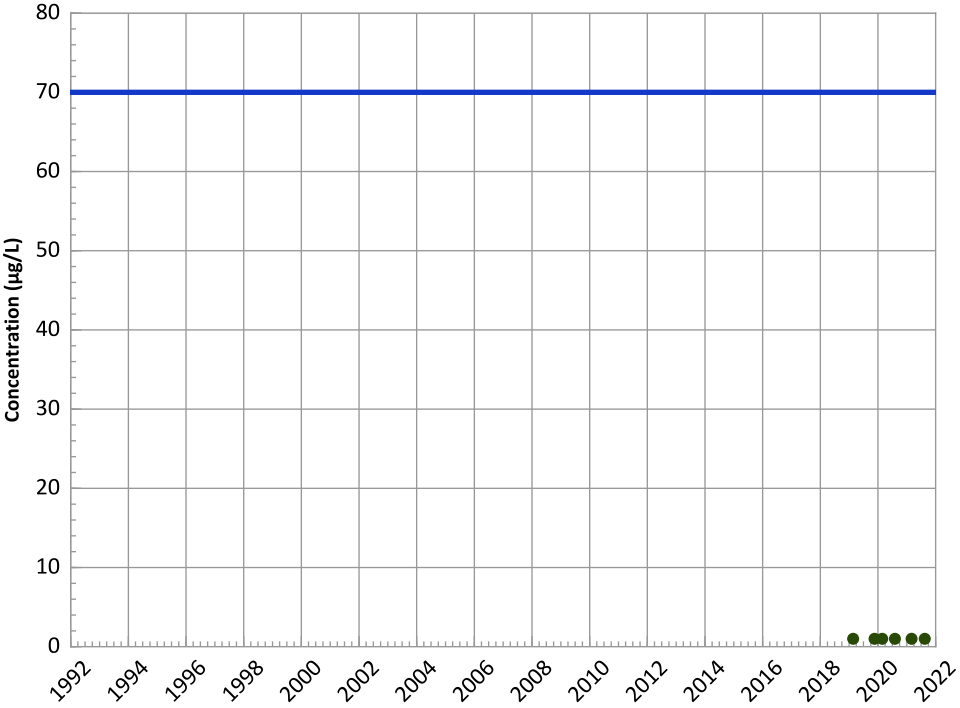


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

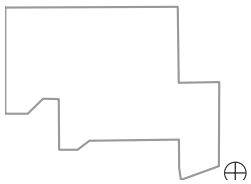
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

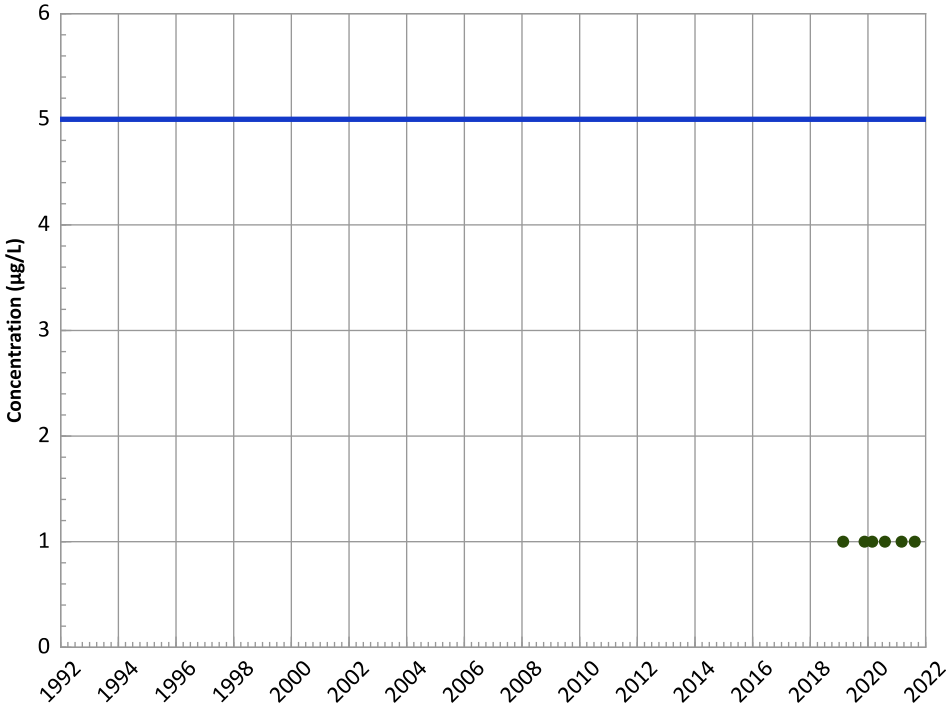
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

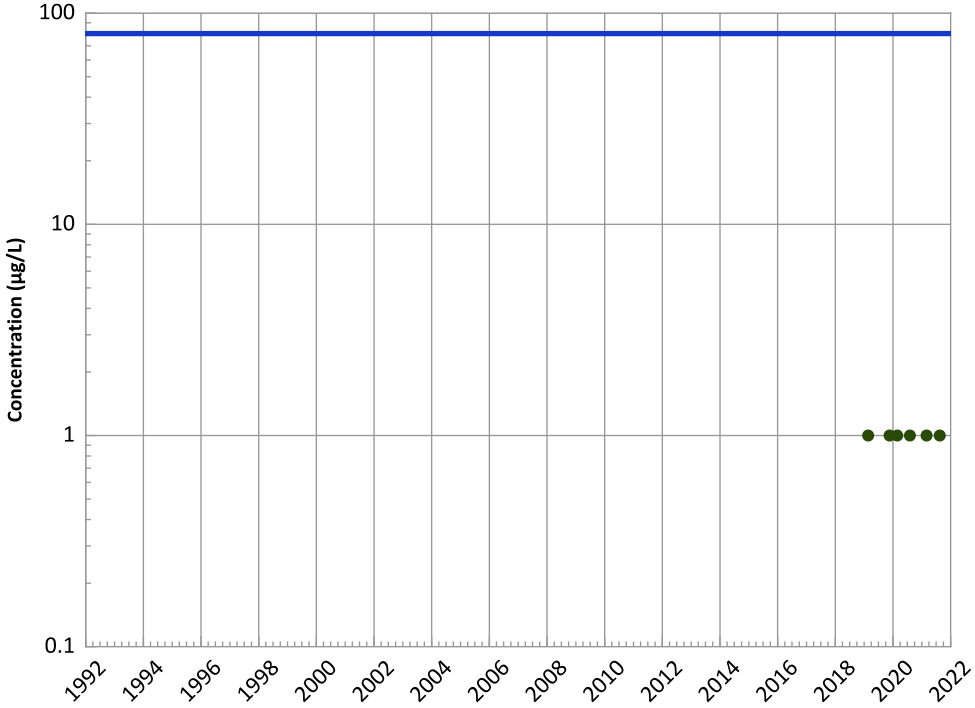


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

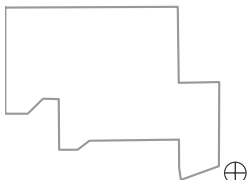
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

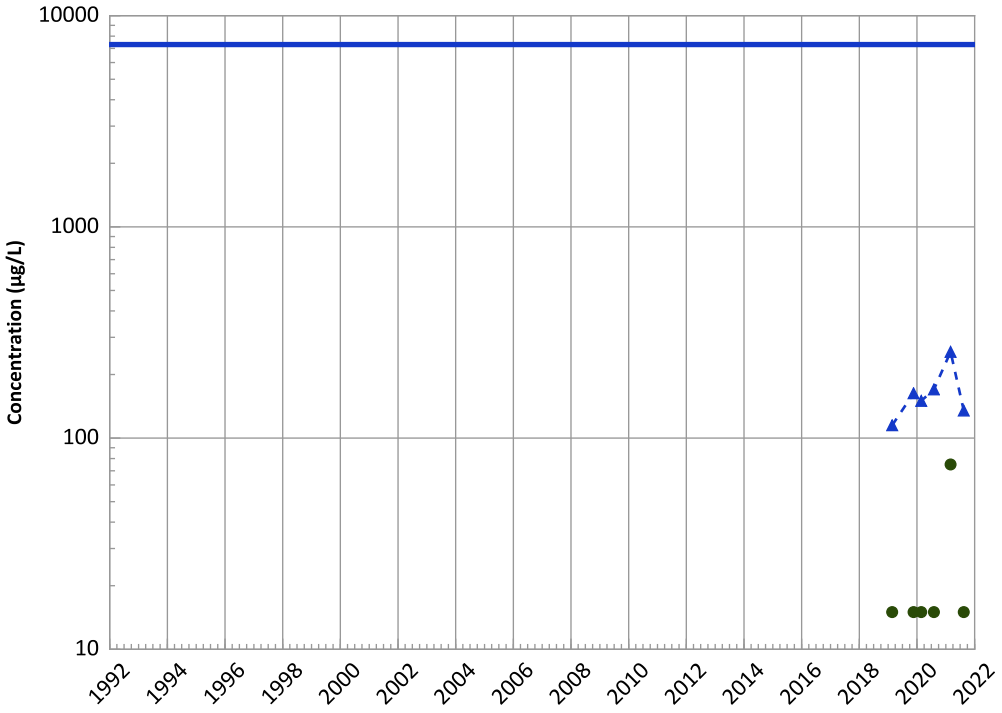
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

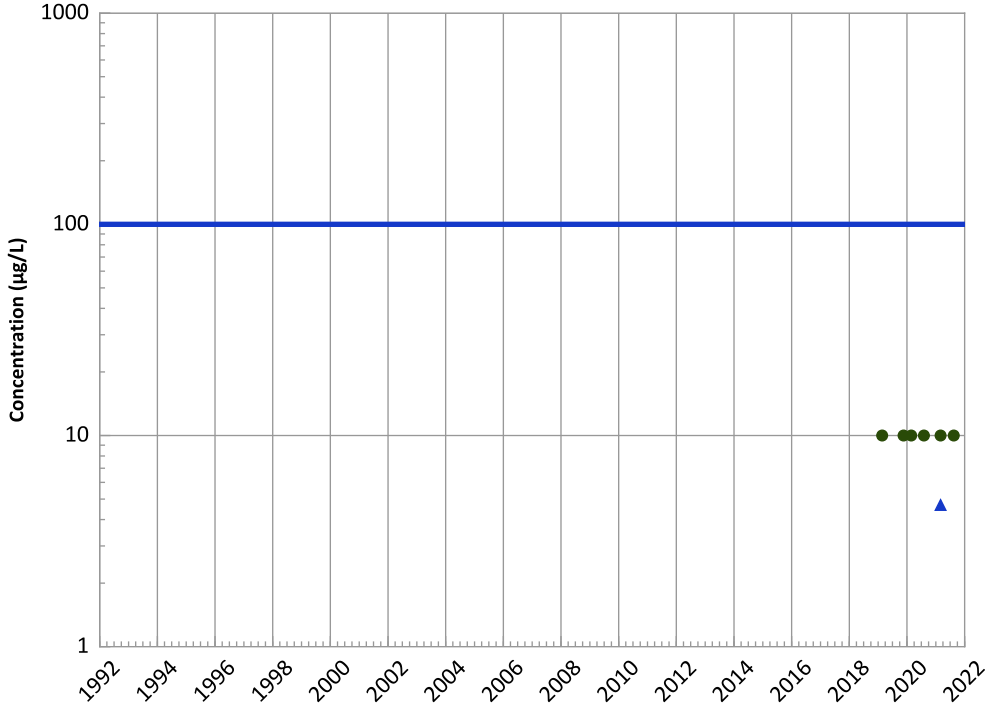


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

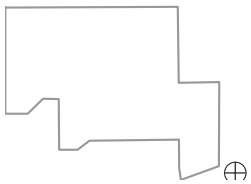
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

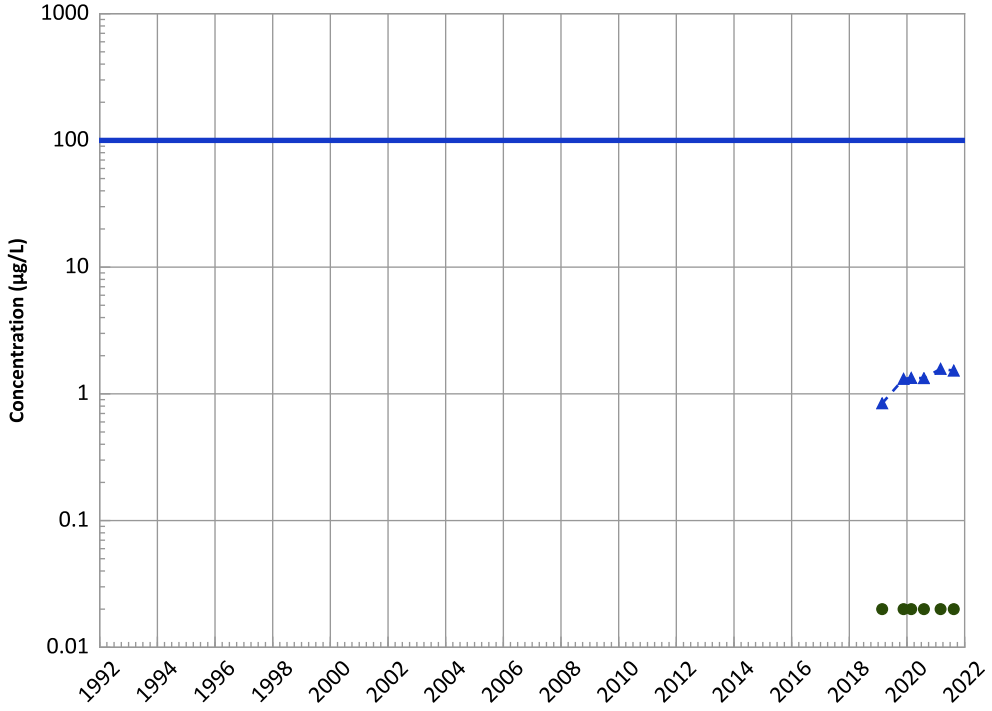
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1202 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

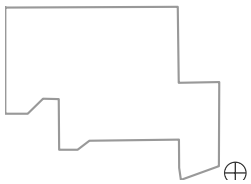
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

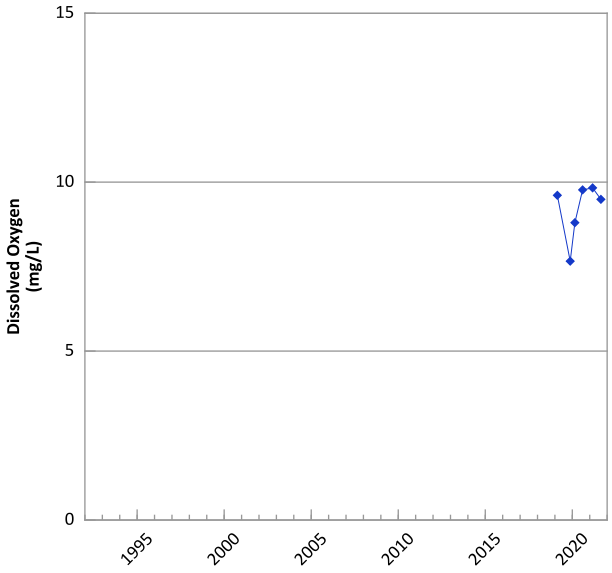
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/15/2019 to 08/16/2021
Analysis Date: 04/05/2022

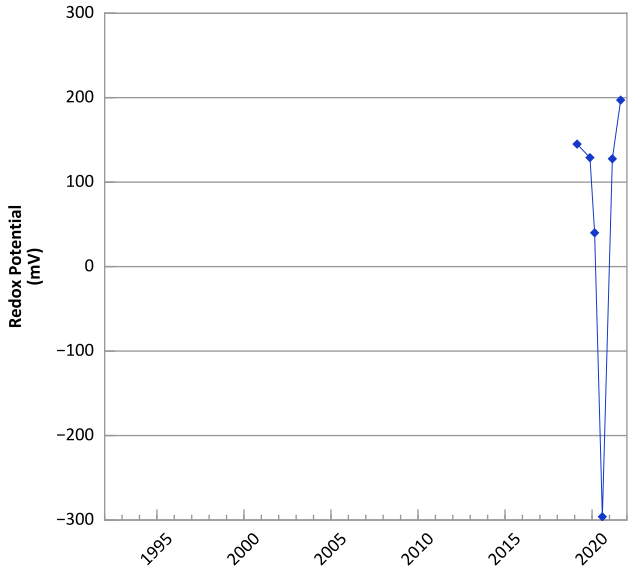
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

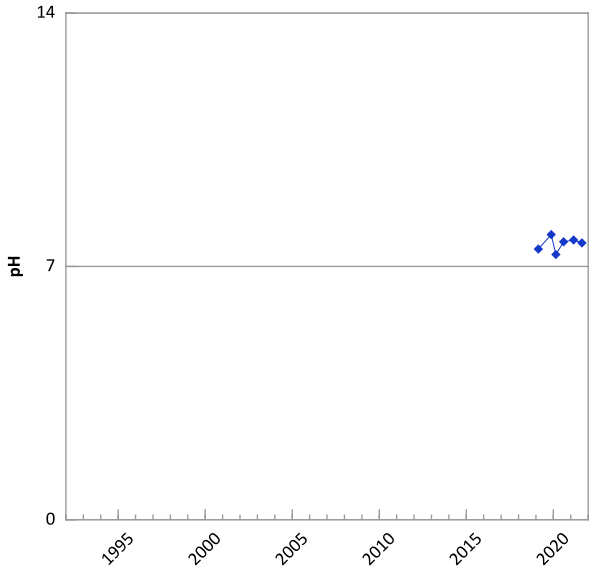
Well Location

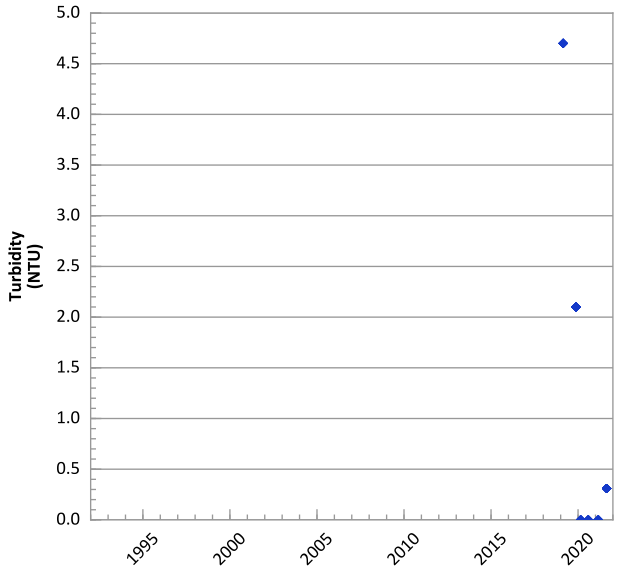


PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



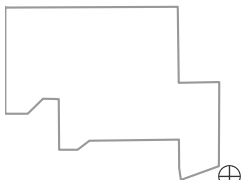






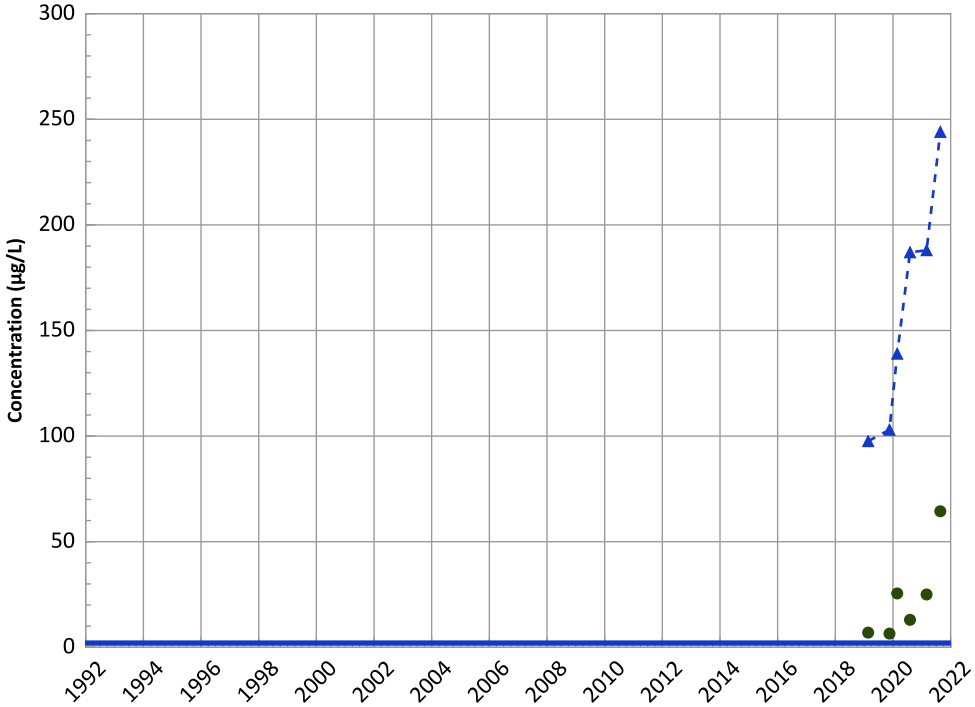
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

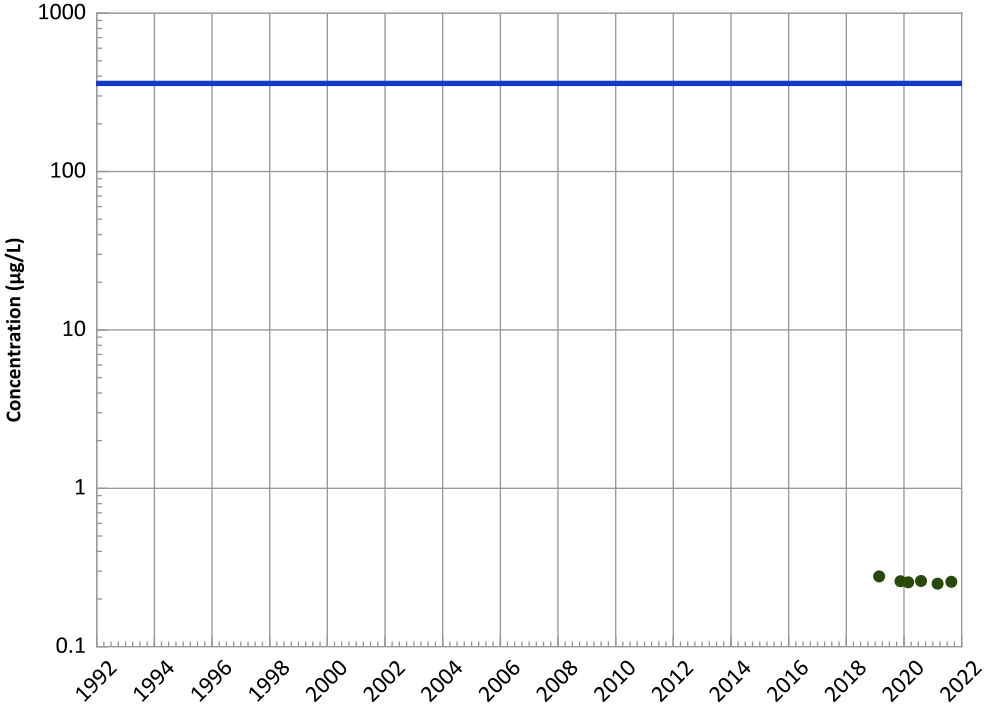


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

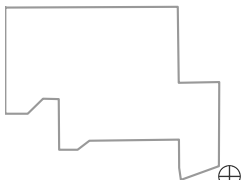
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

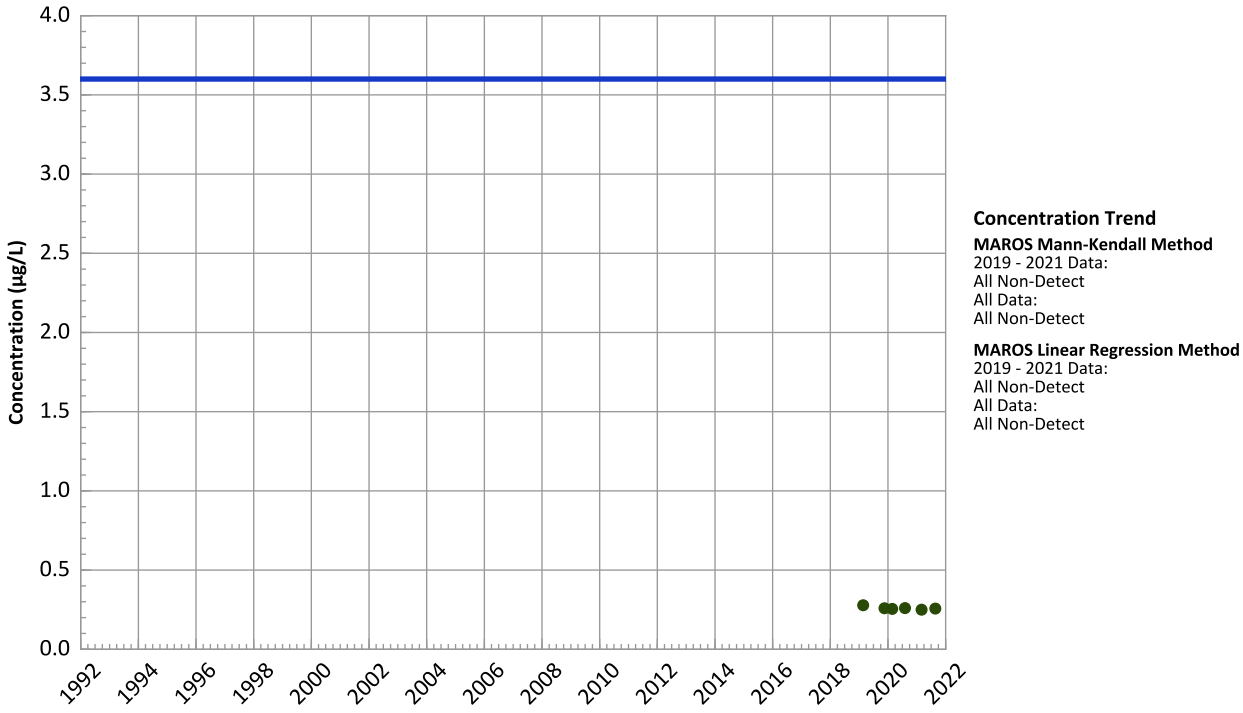
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

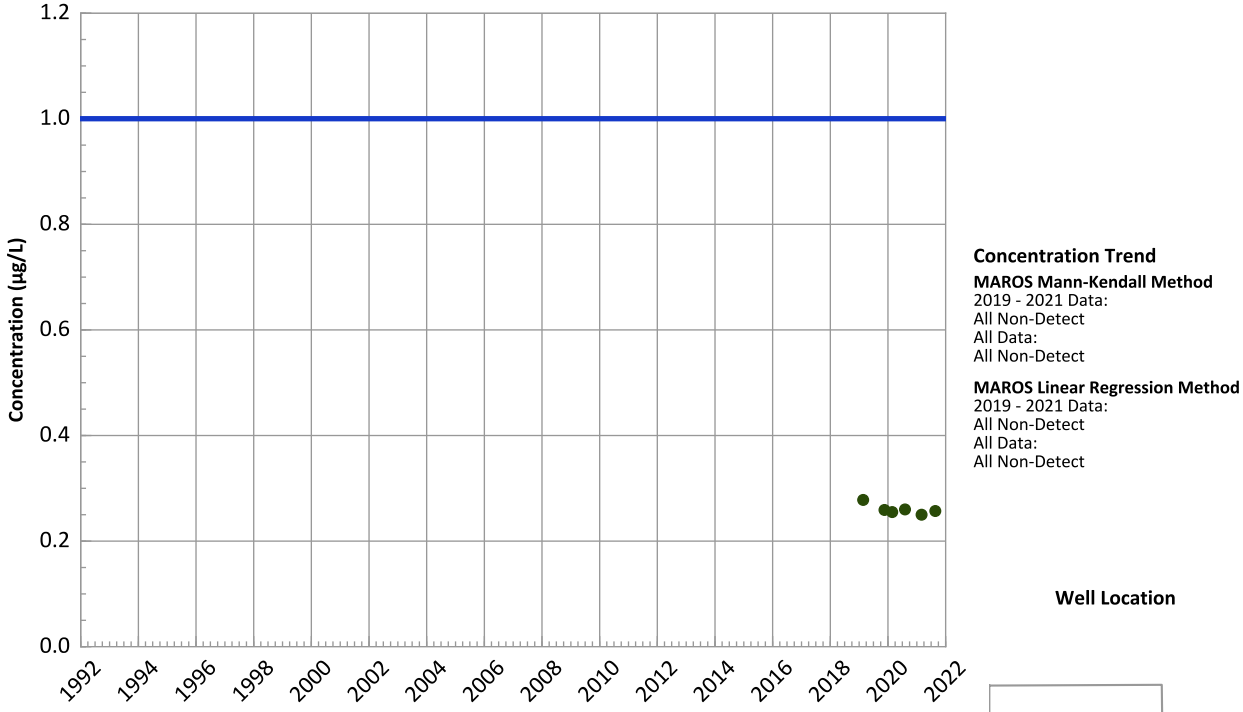


PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



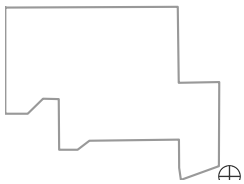
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

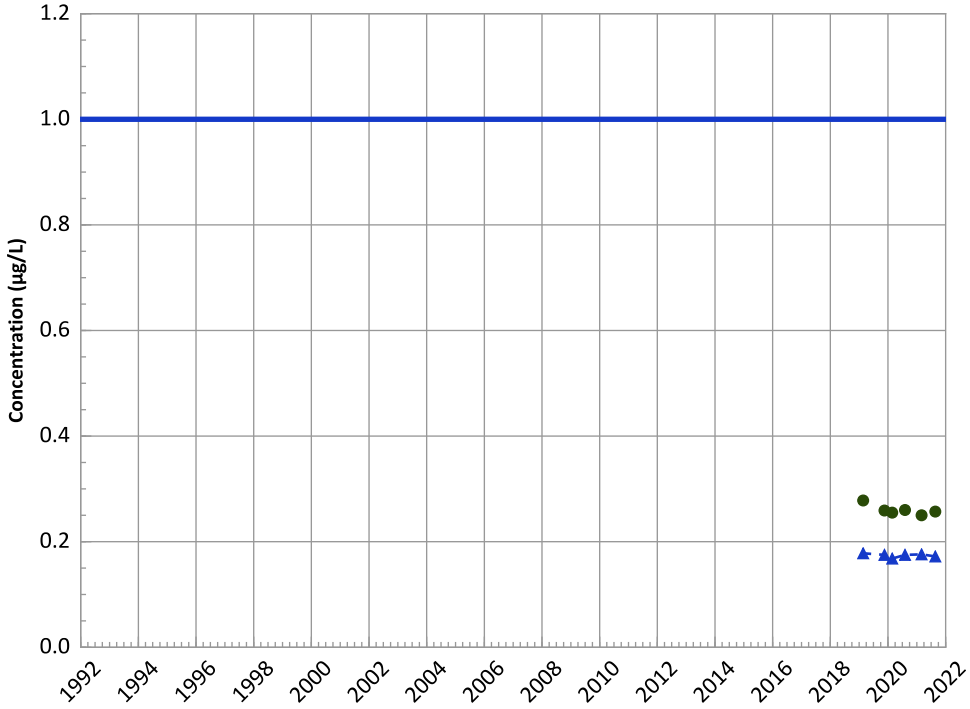
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

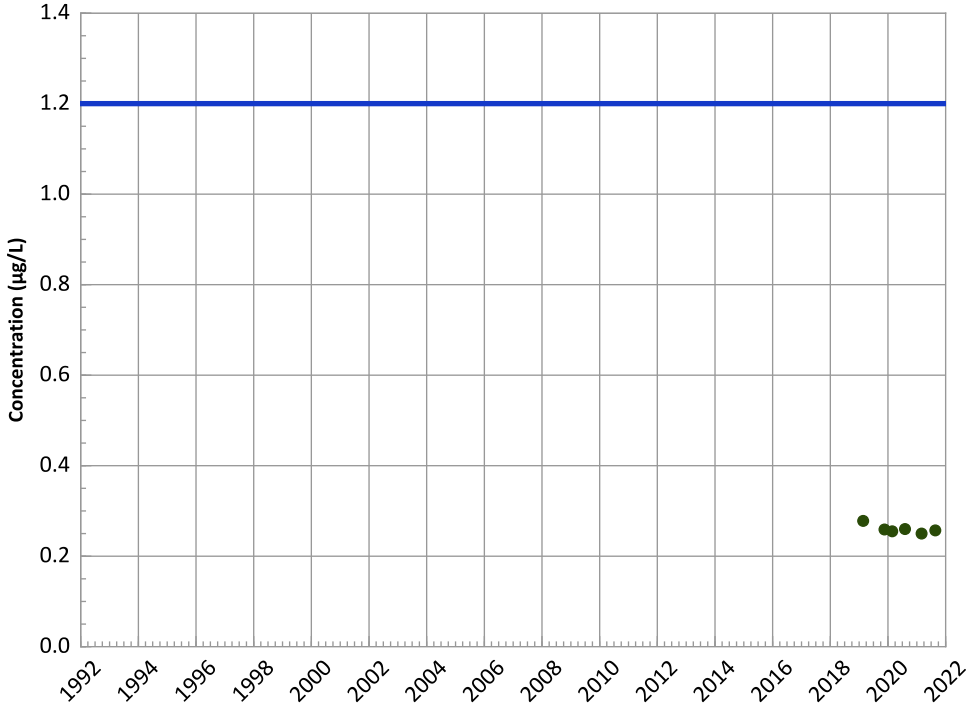


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

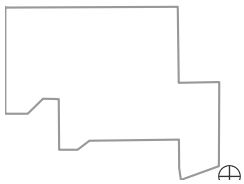
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

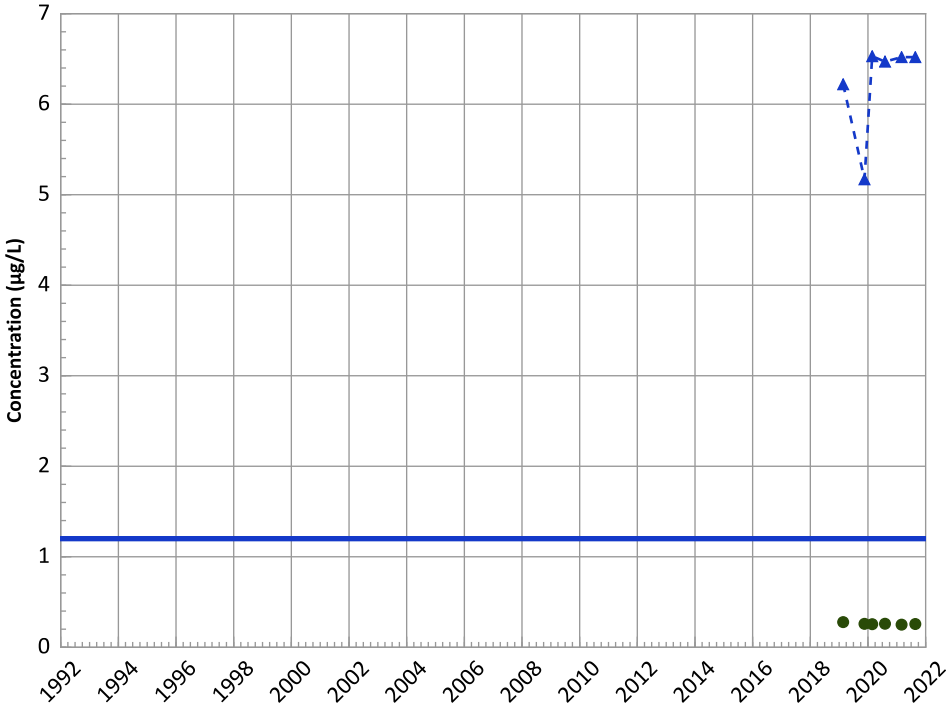
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

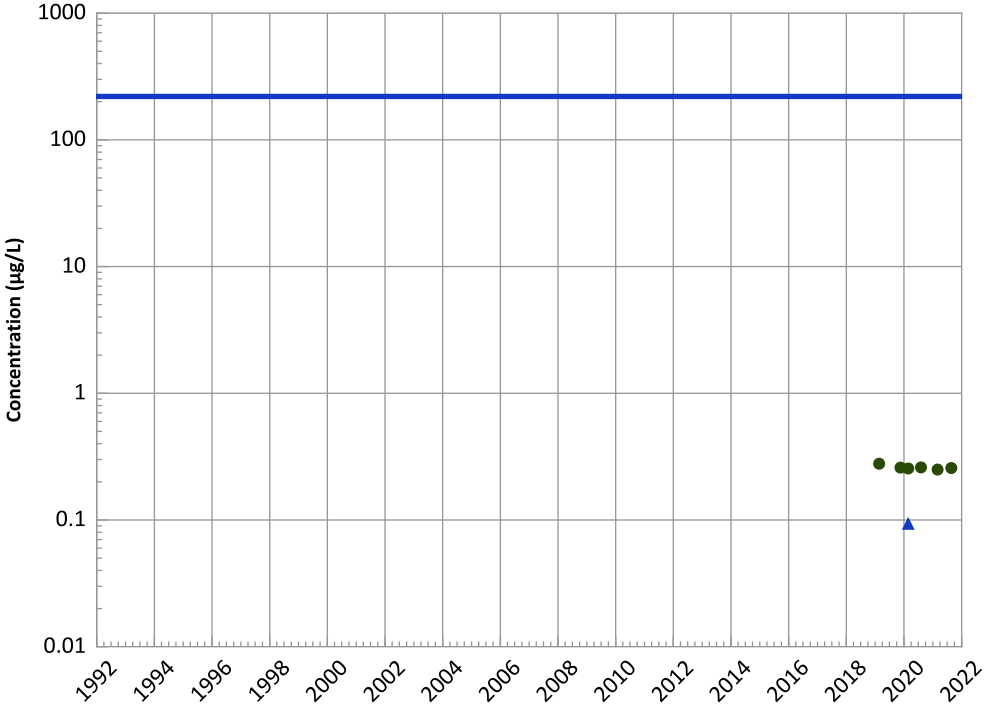


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

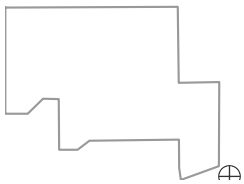
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

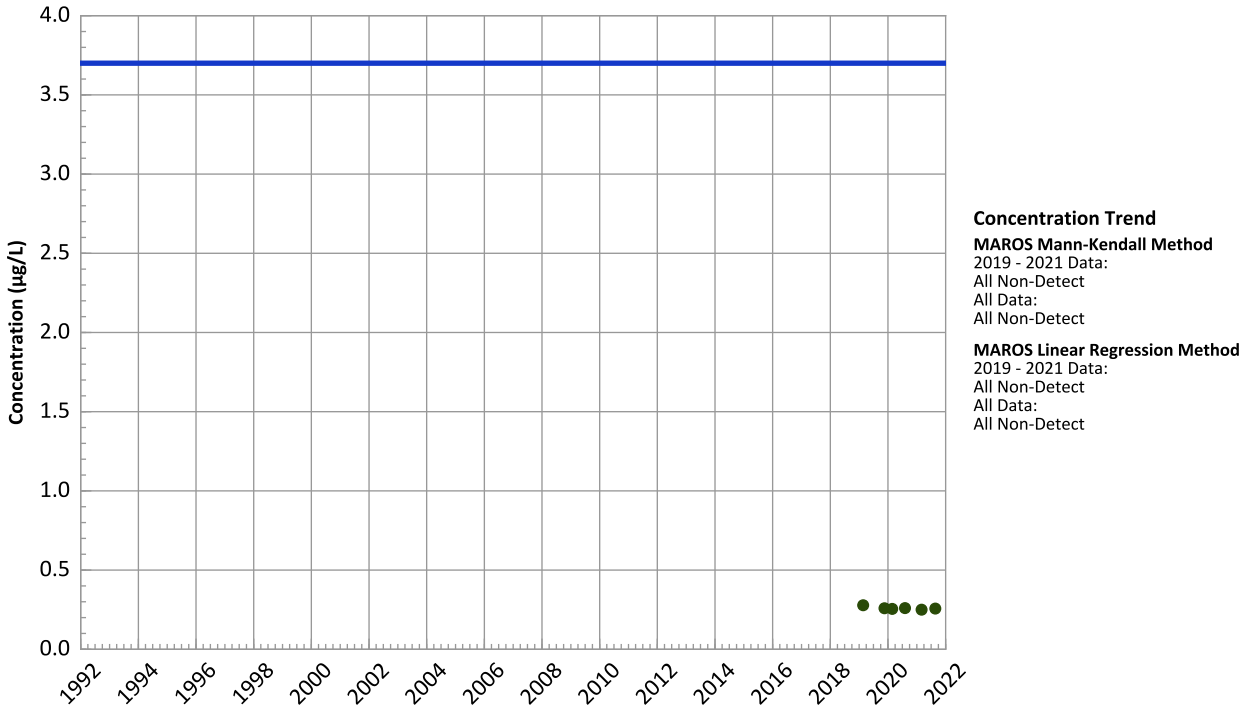
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

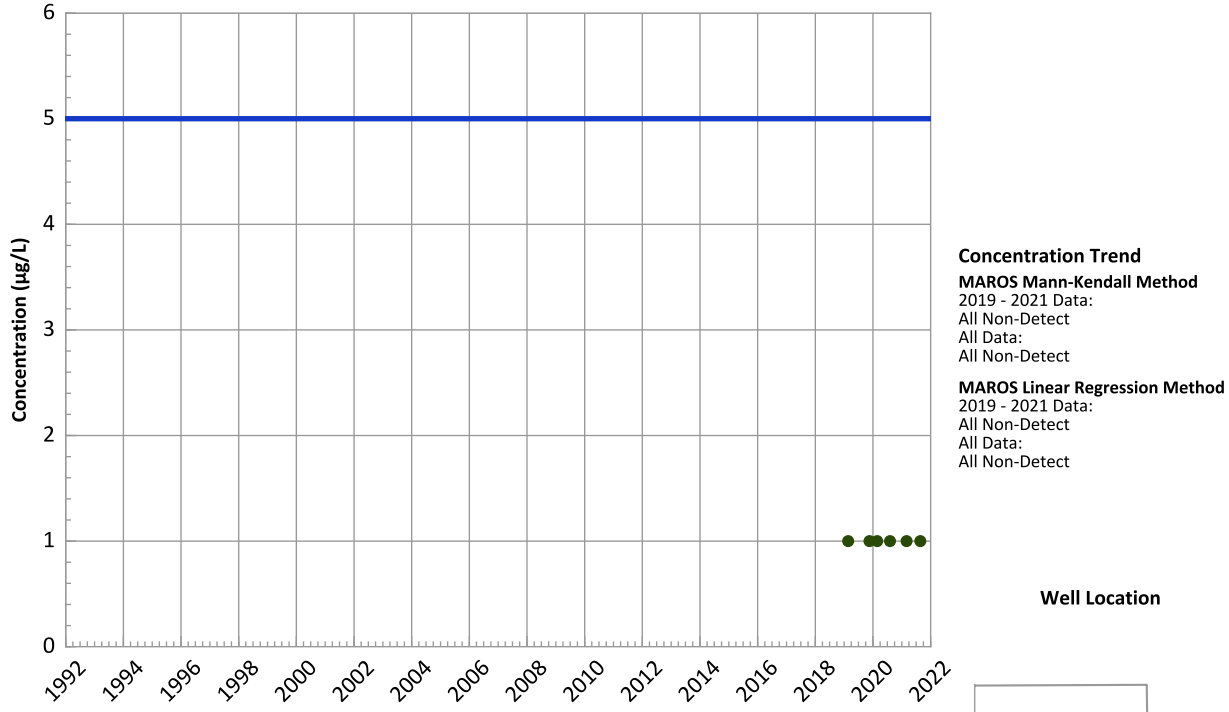


PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



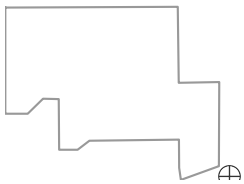
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

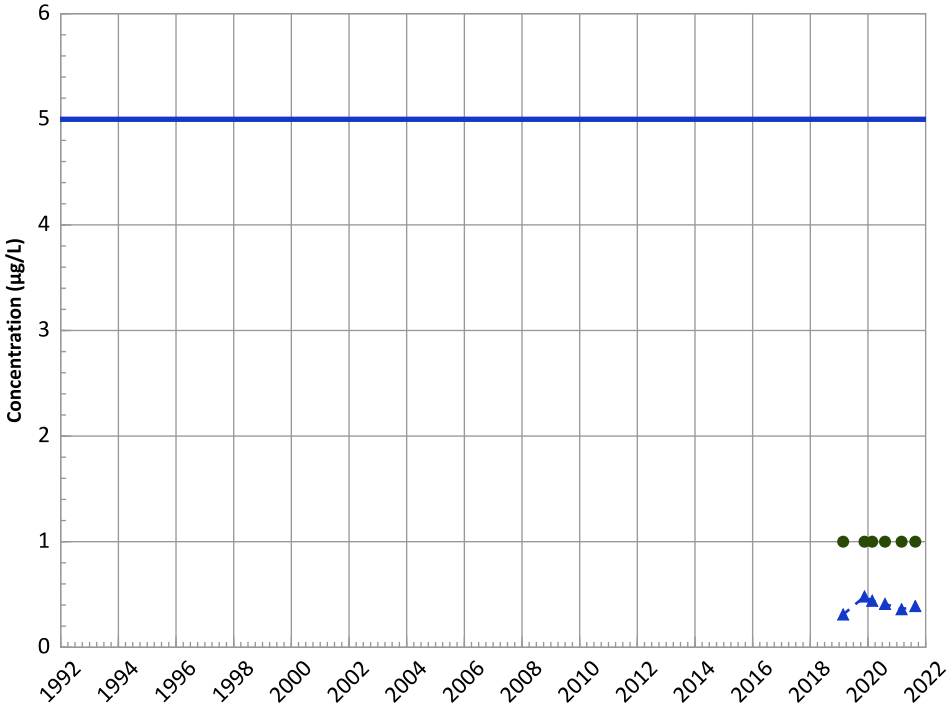
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

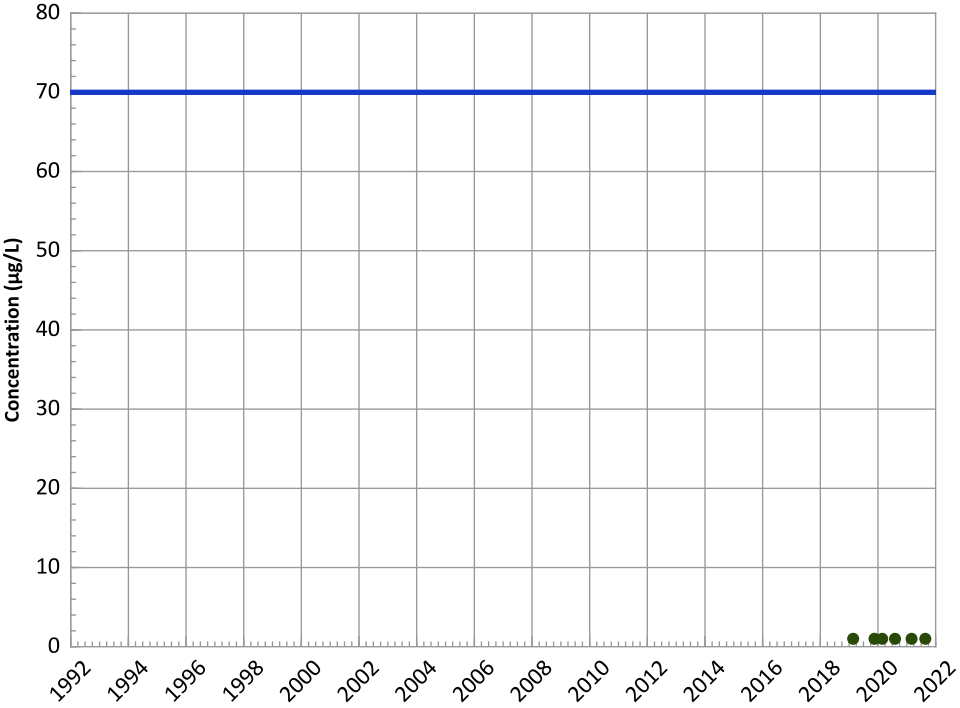


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

cis-1,2-Dichloroethene Trend



Concentration Trend

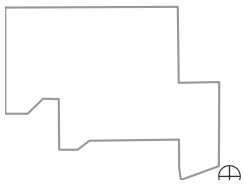
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

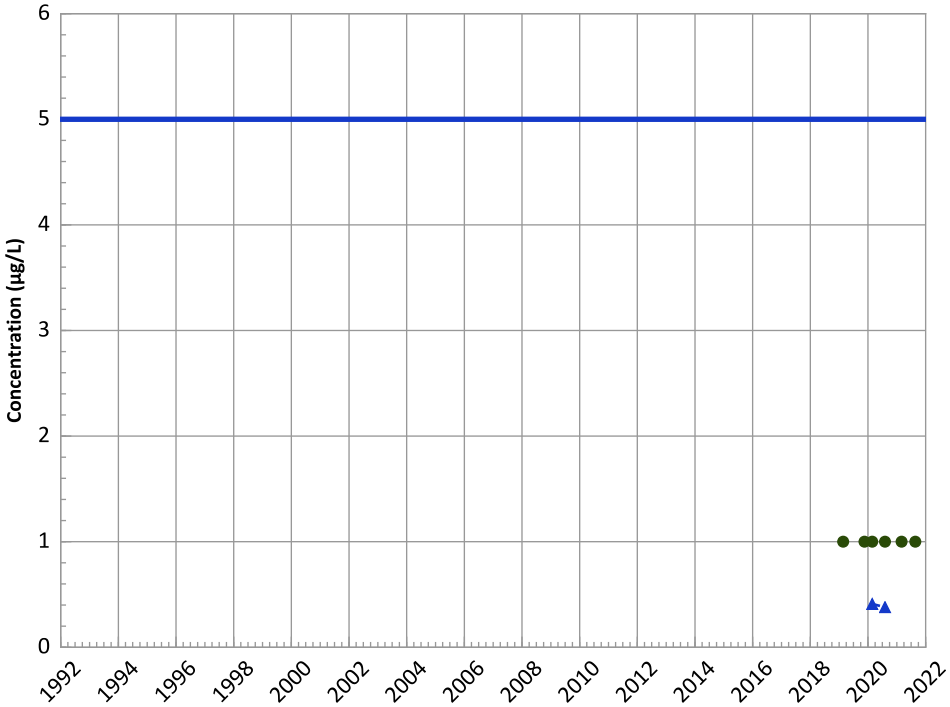
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

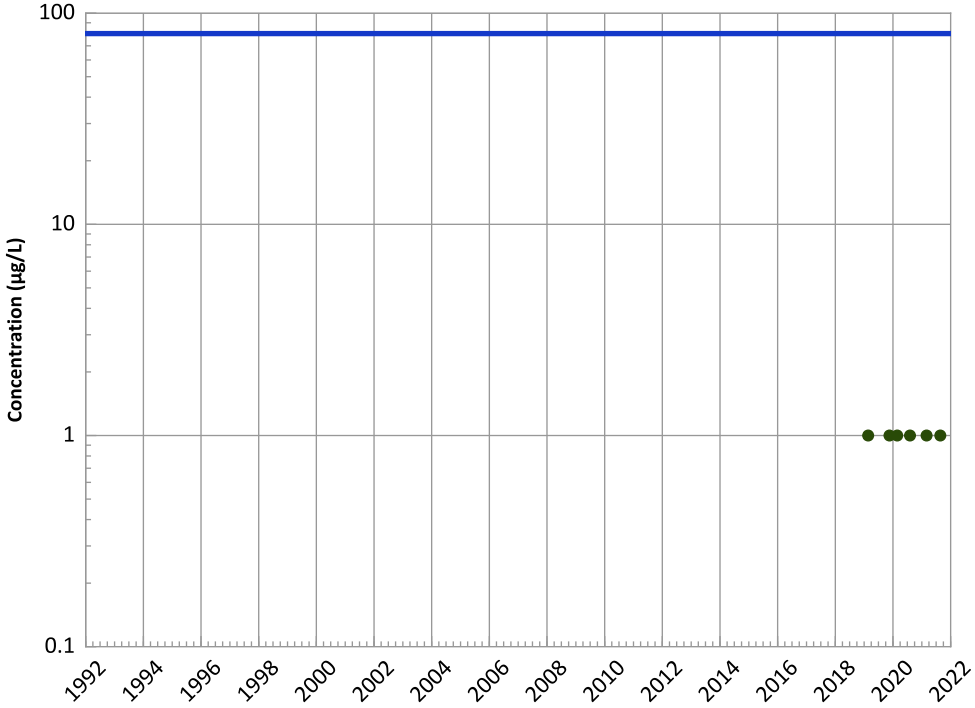


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

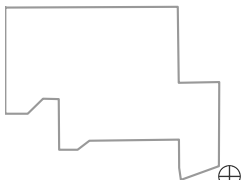
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

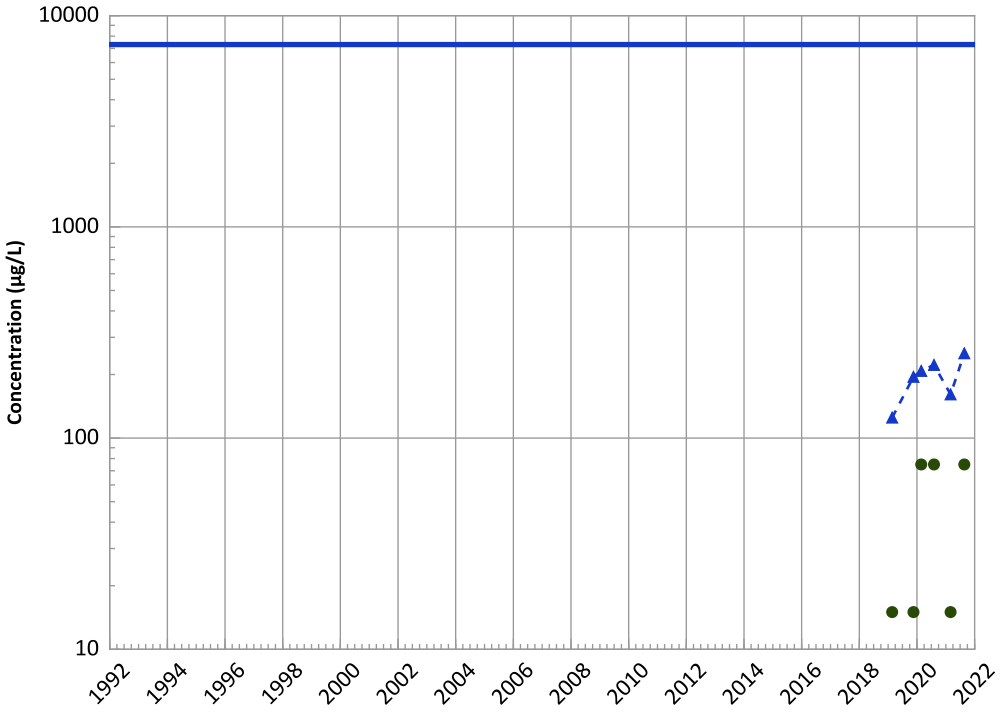
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

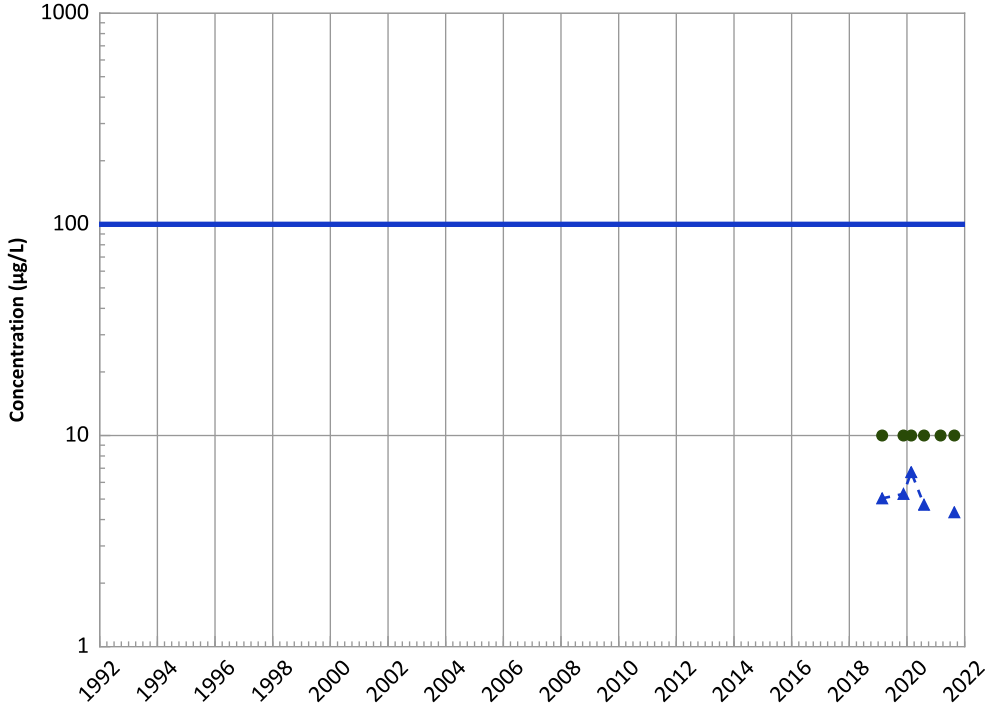


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

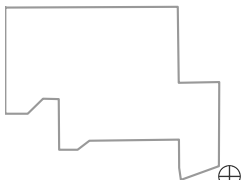
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

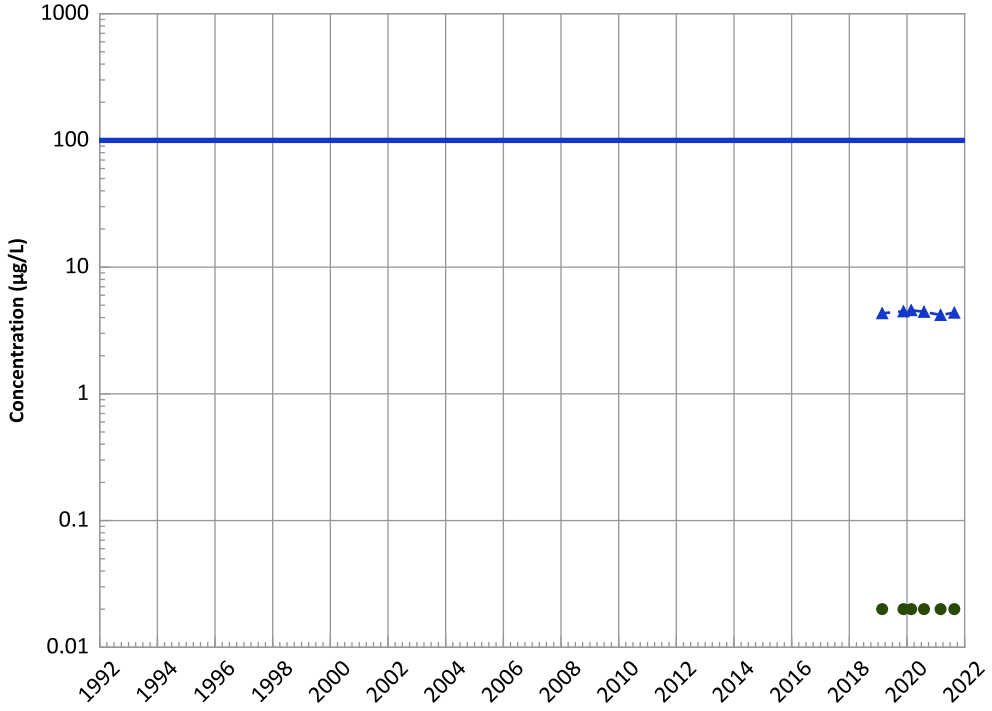
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1203 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

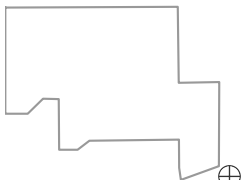
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

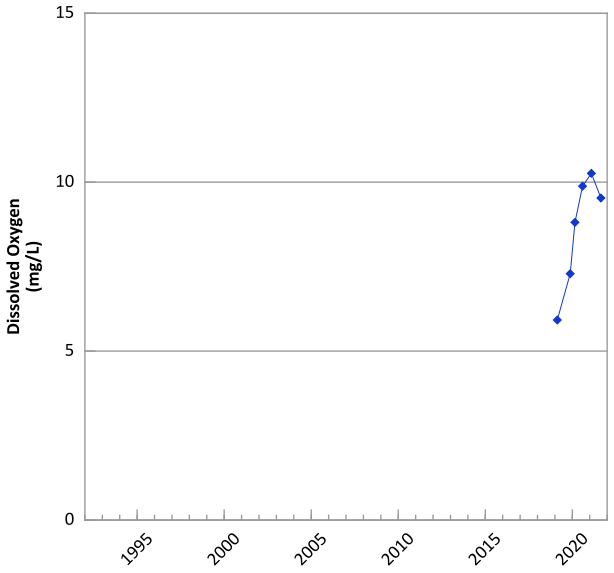
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/21/2019 to 08/23/2021
Analysis Date: 04/05/2022

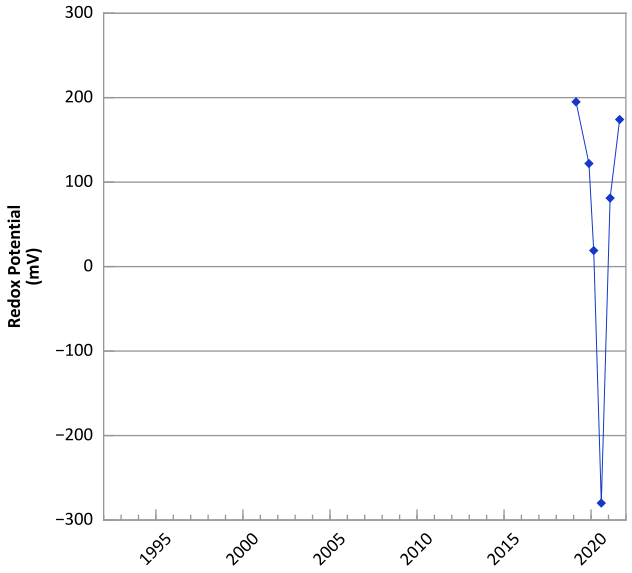
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

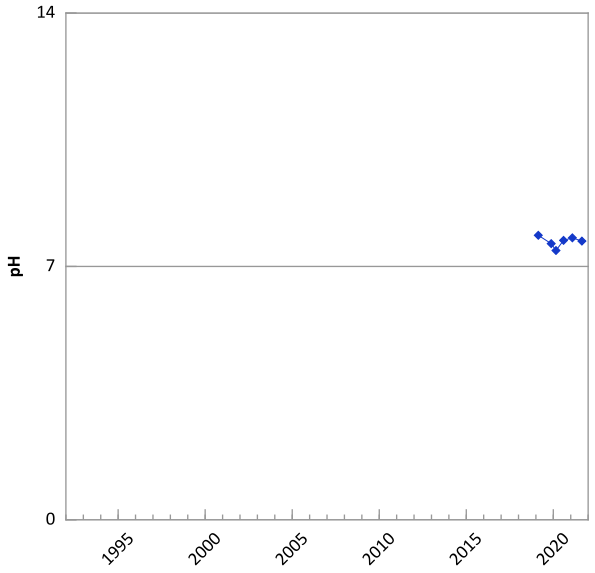
Well Location

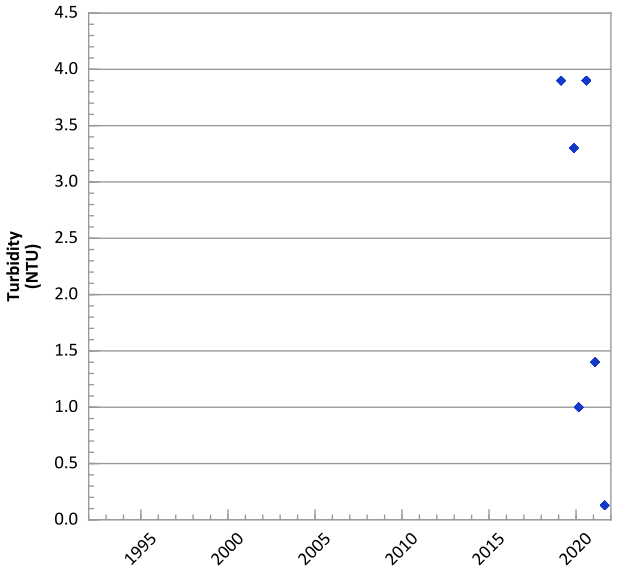


PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



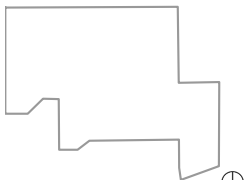






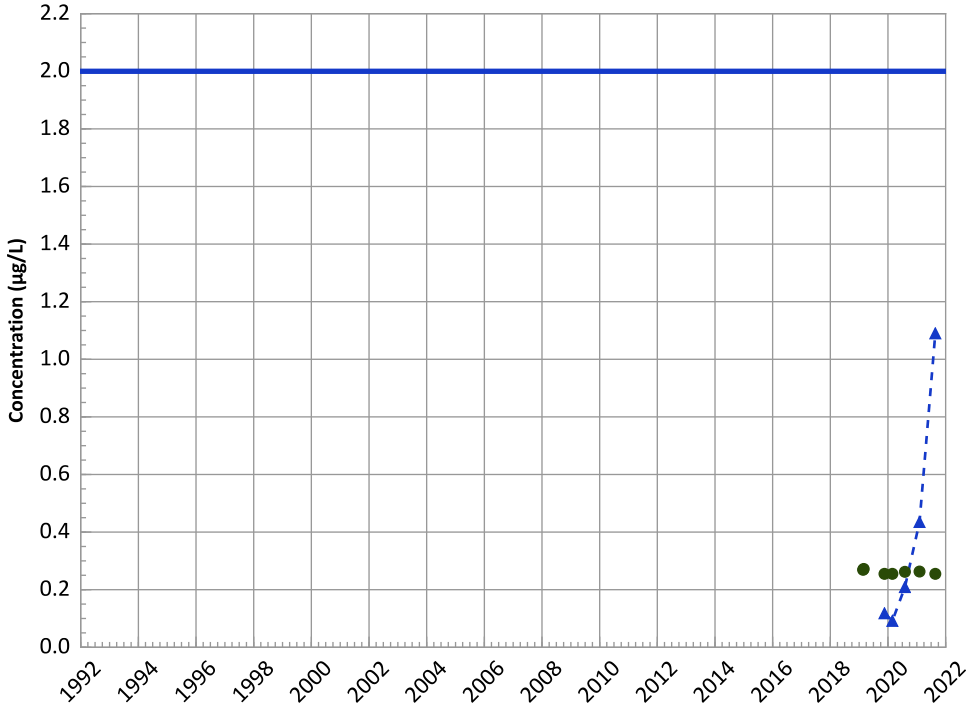
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

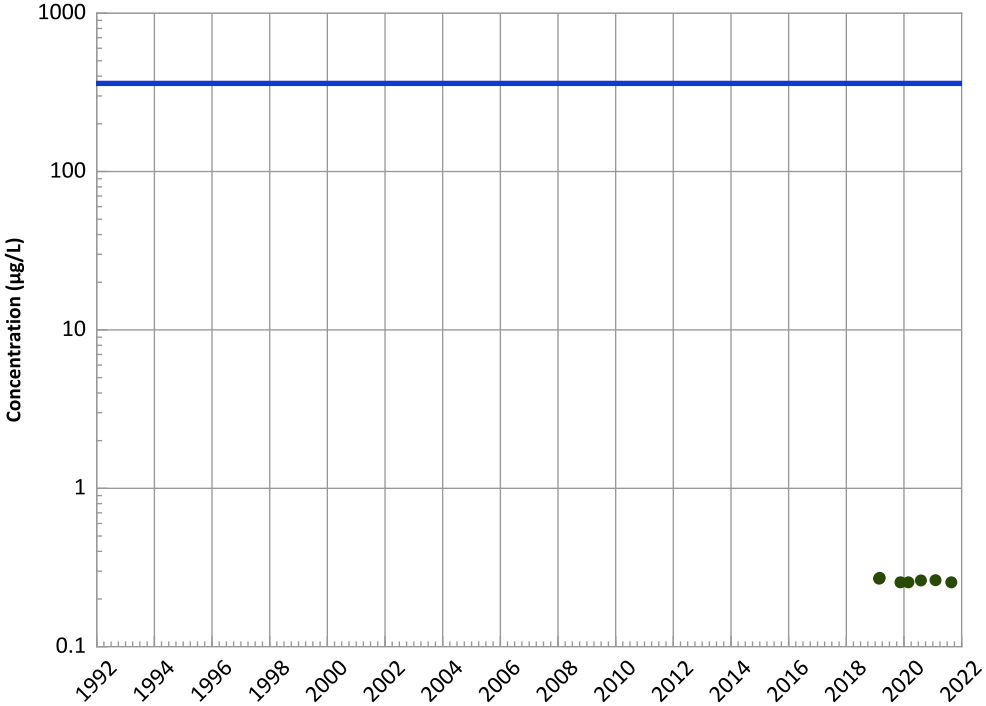


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

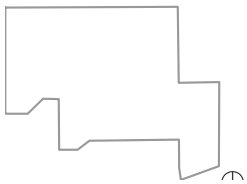
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

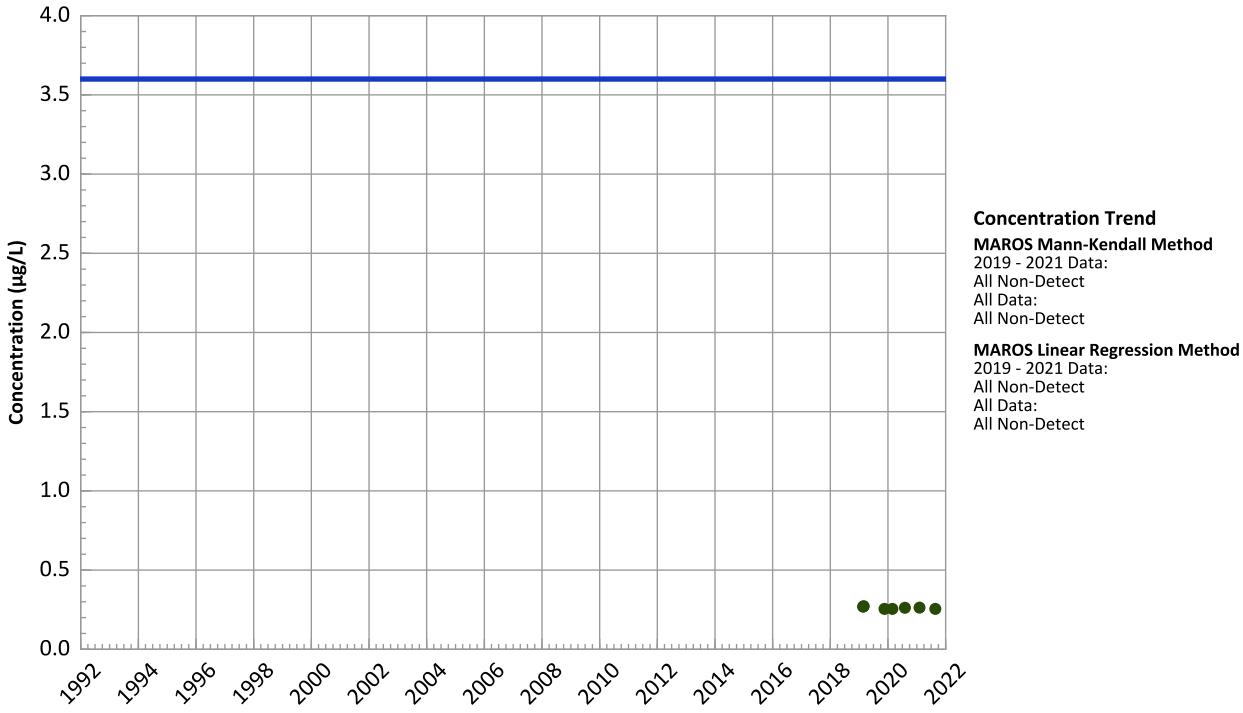
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

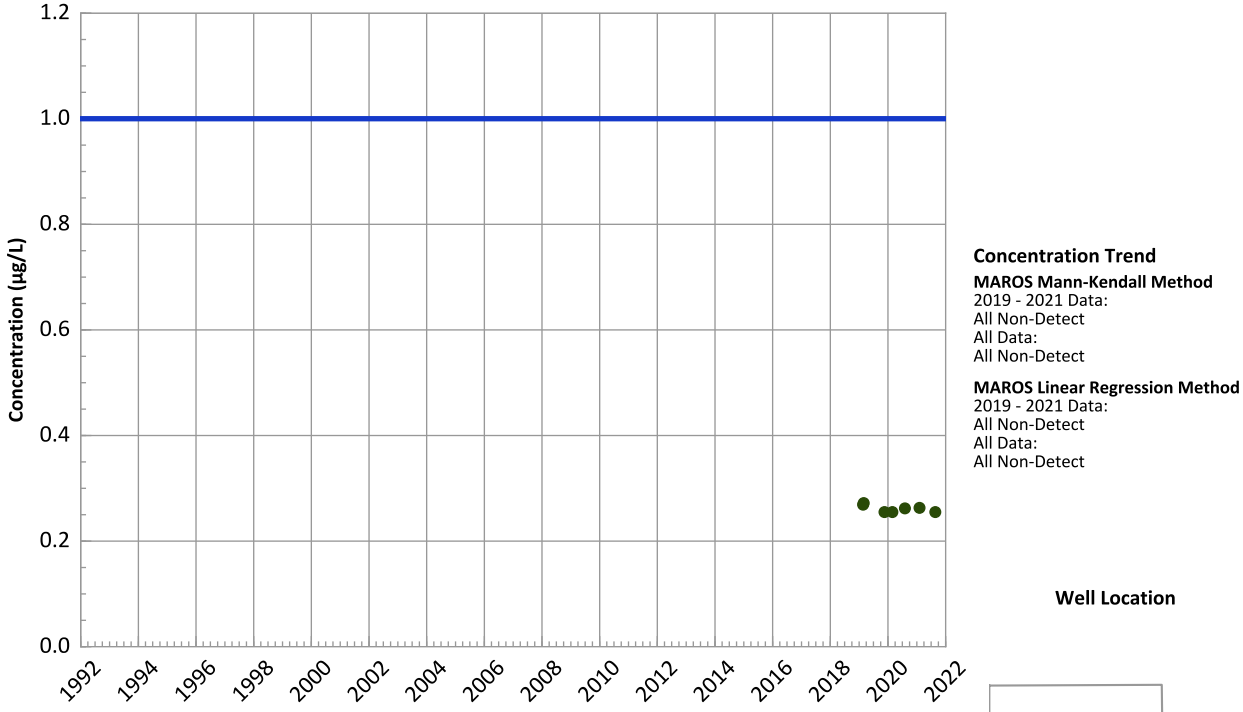


PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend



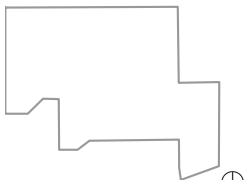
2,4-Dinitrotoluene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

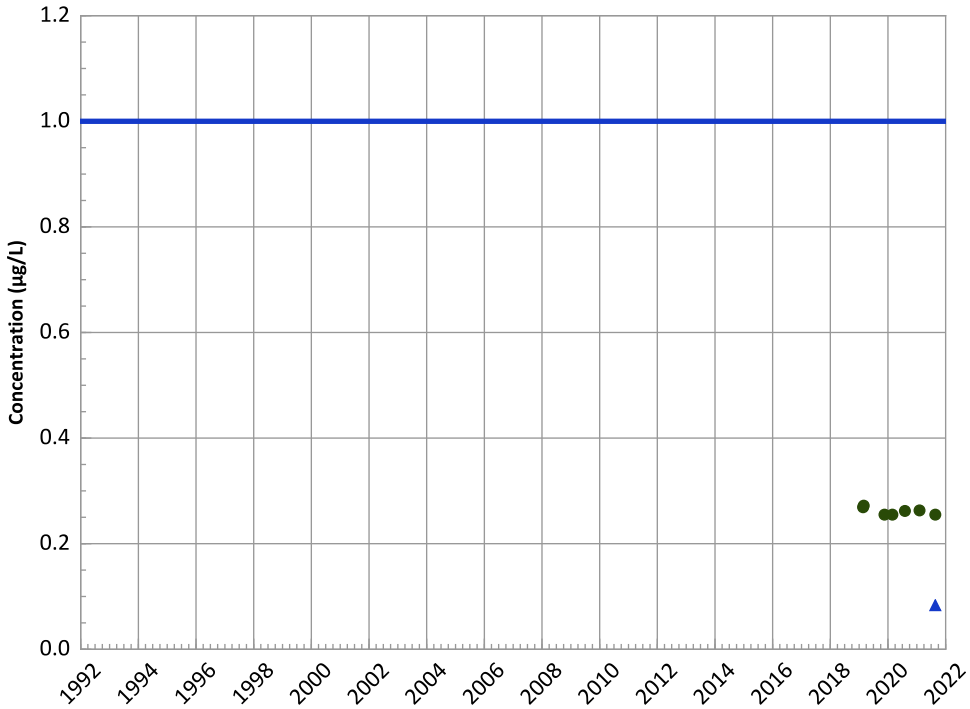
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

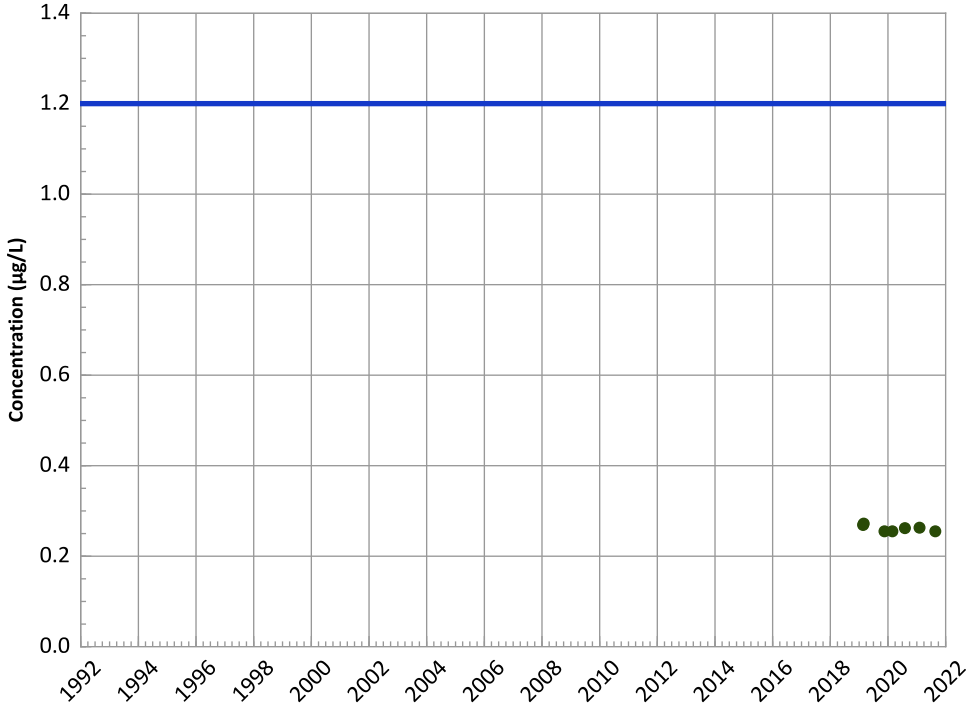


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

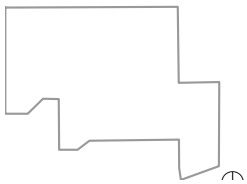
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

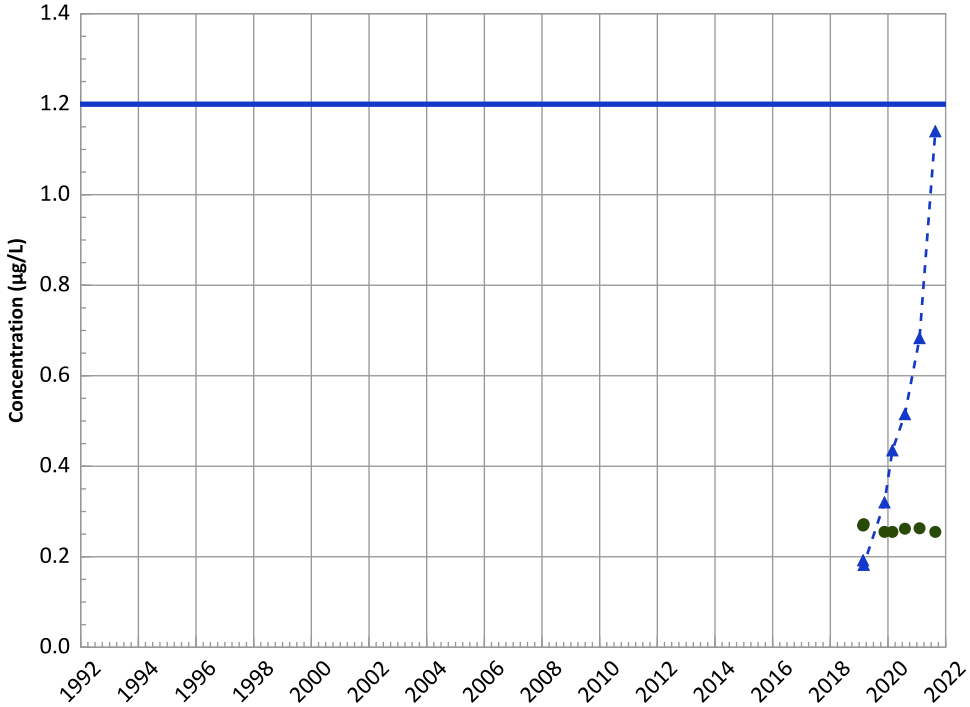
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

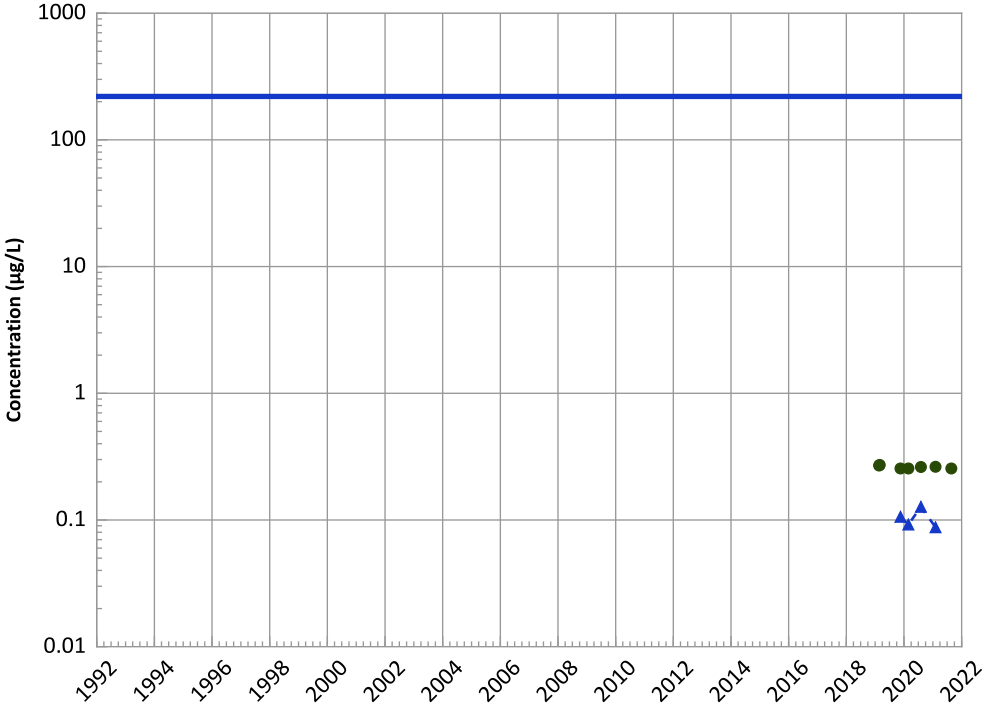


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

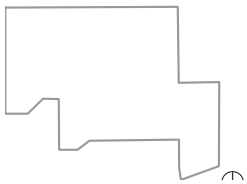
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

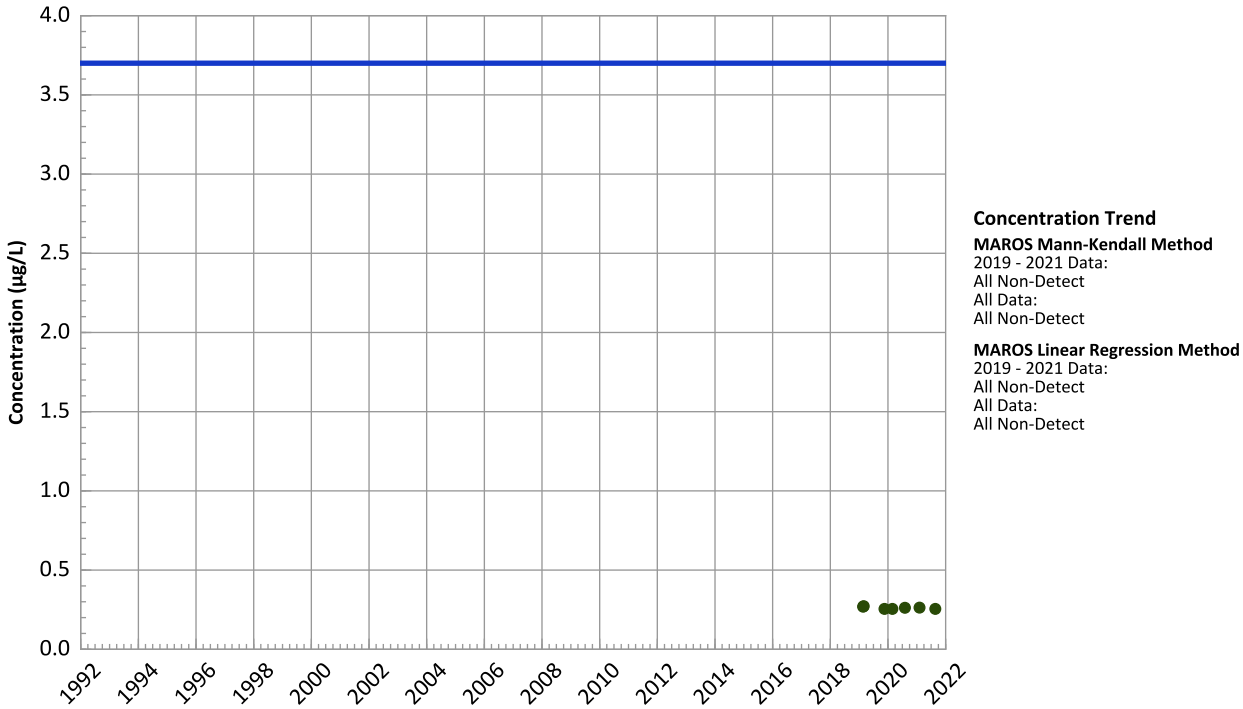
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

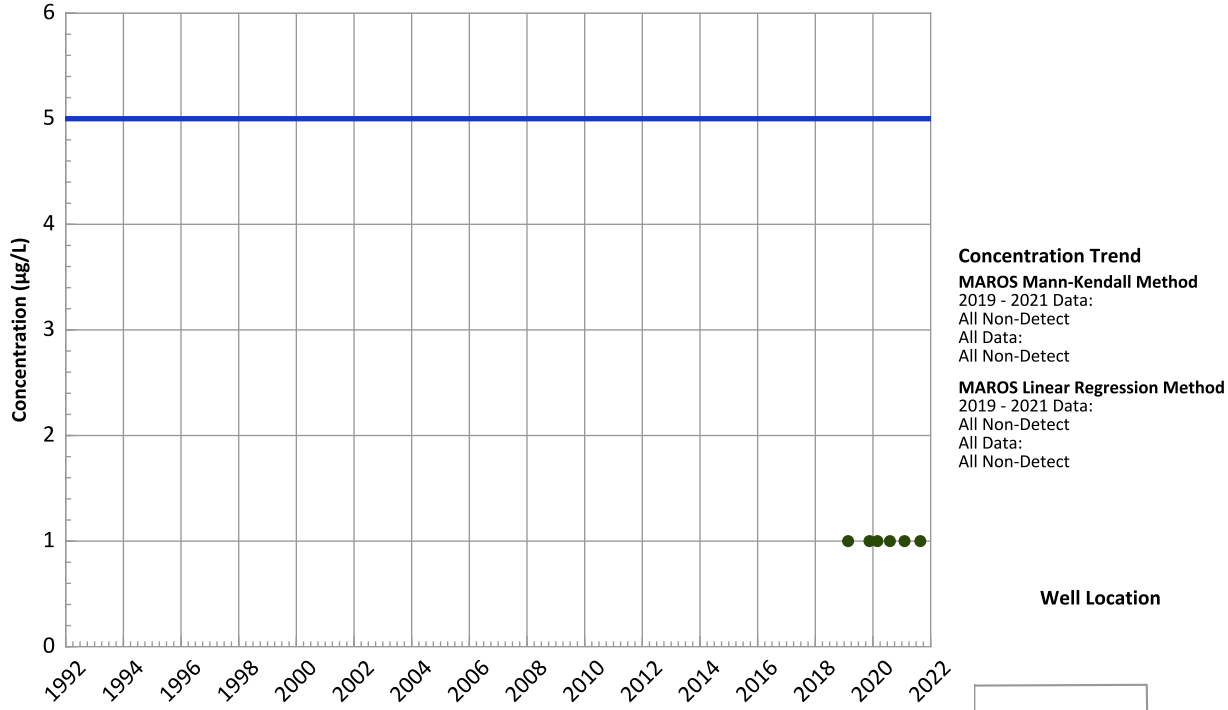


PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



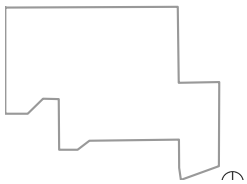
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

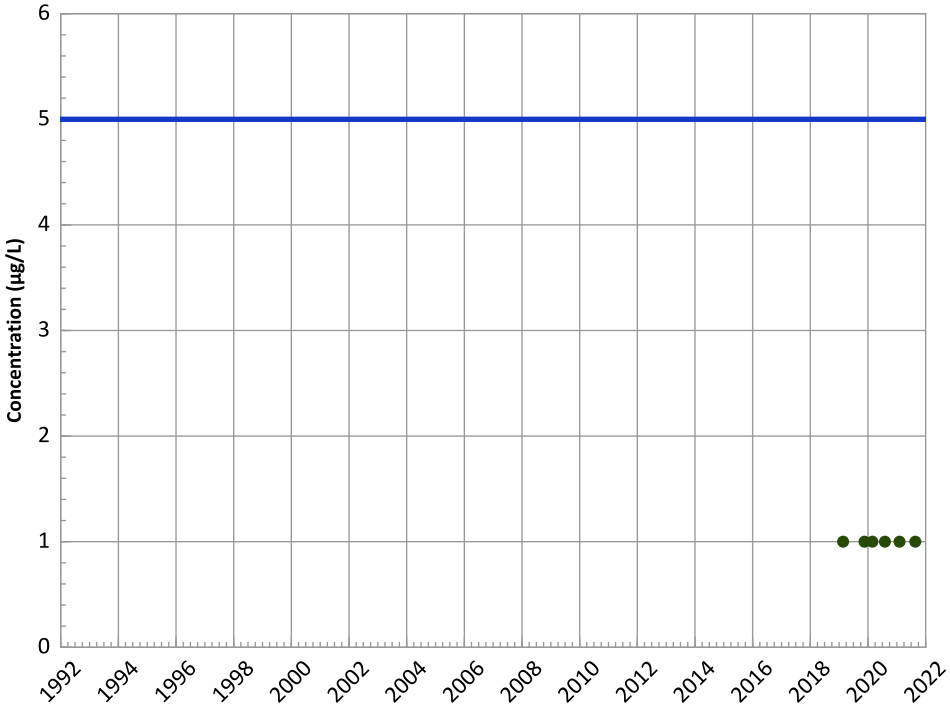
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

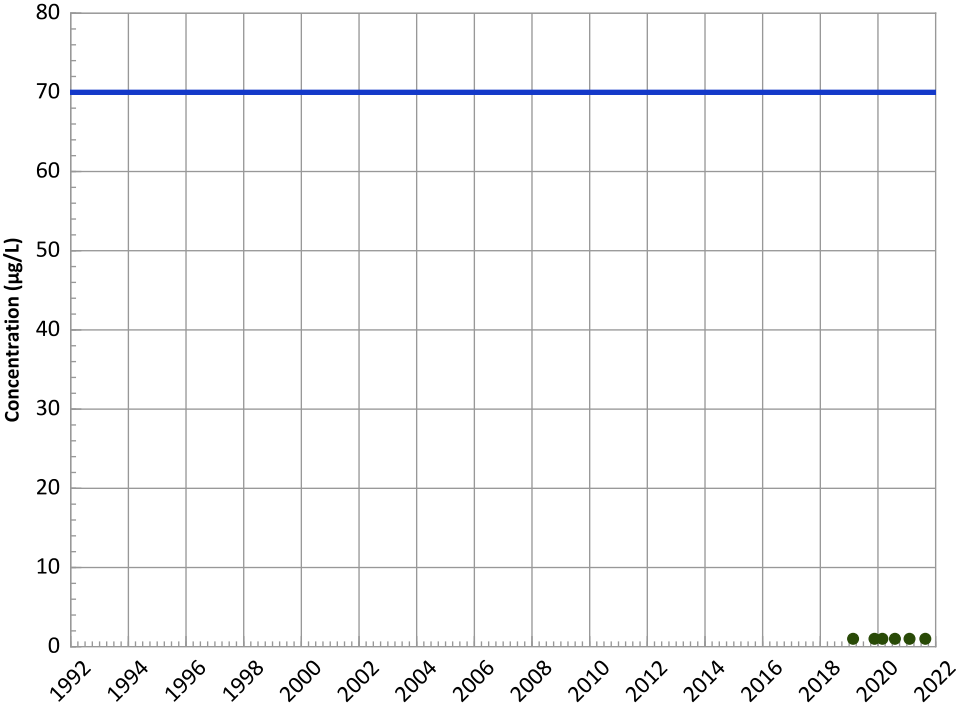


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

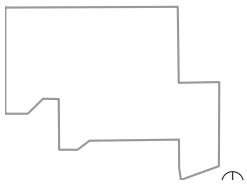
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

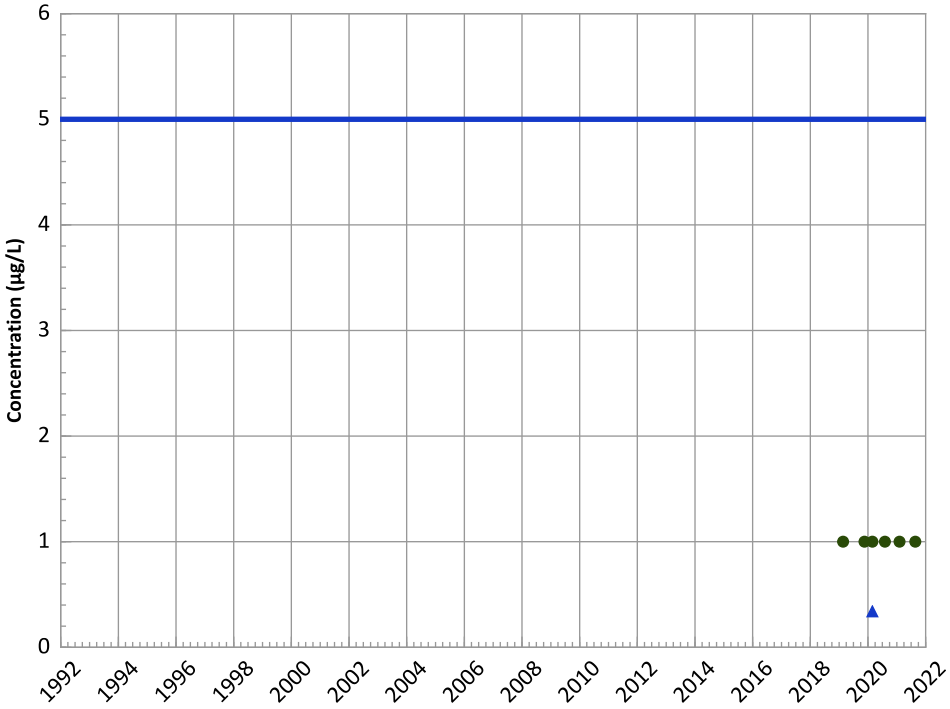
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

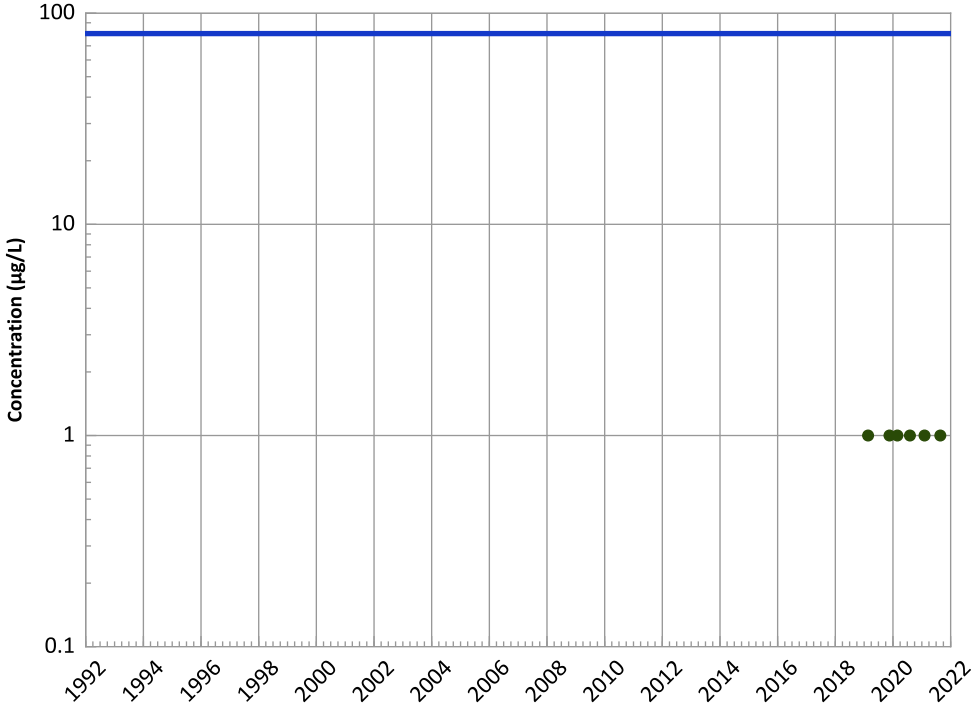


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chloroform Trend

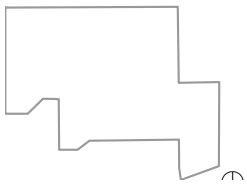


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Well Location

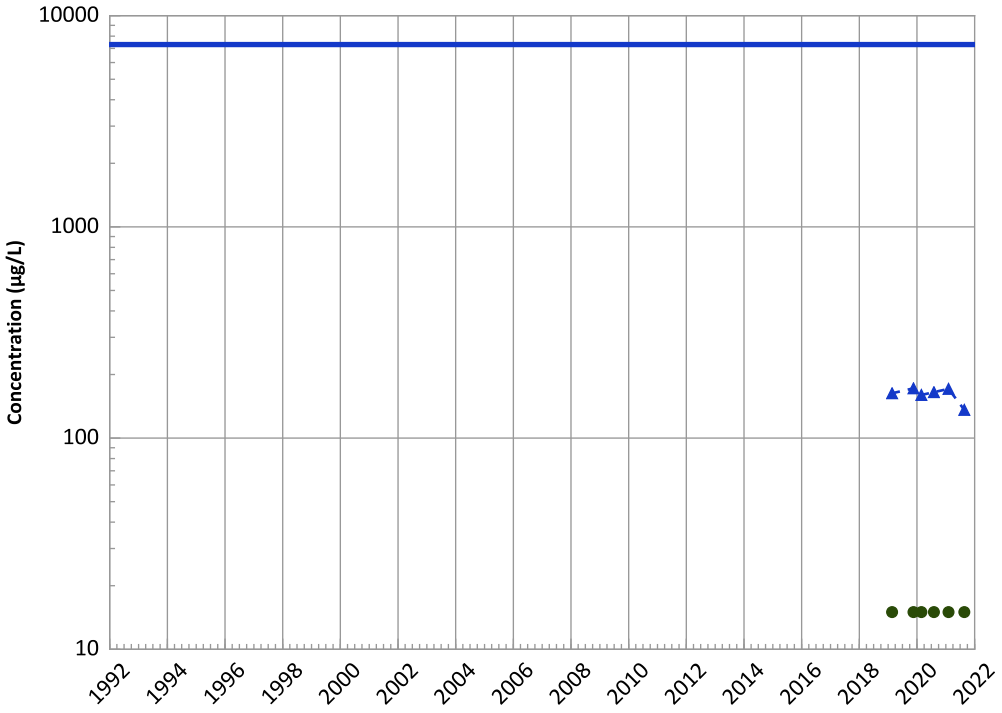


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

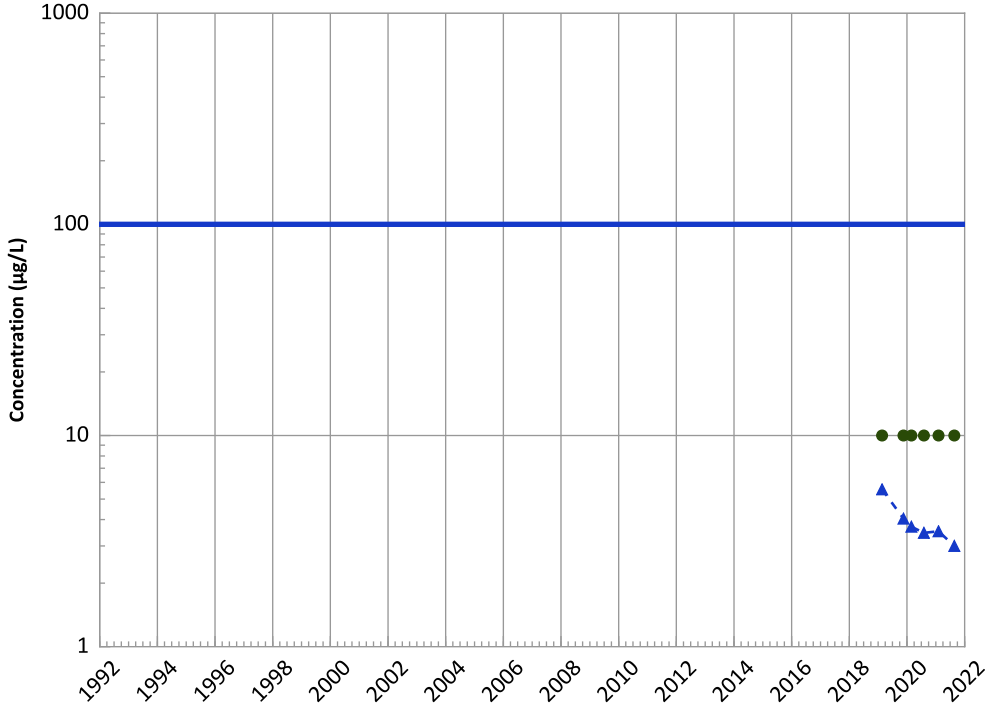


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Total Trend



Concentration Trend

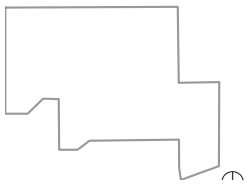
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

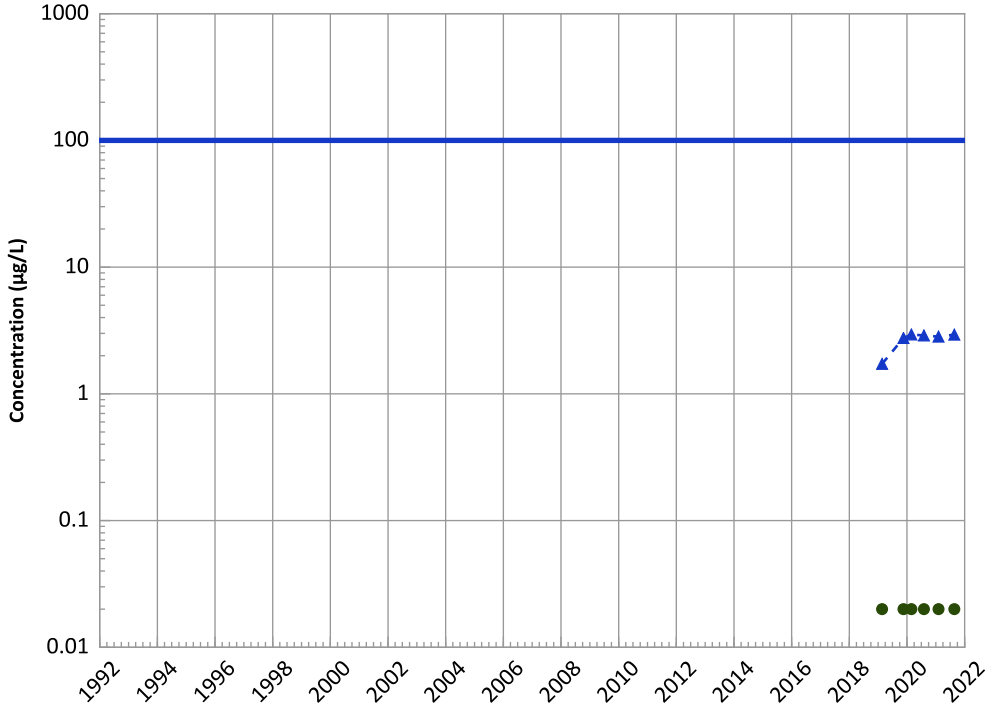
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1204 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

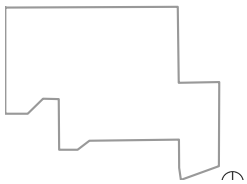
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

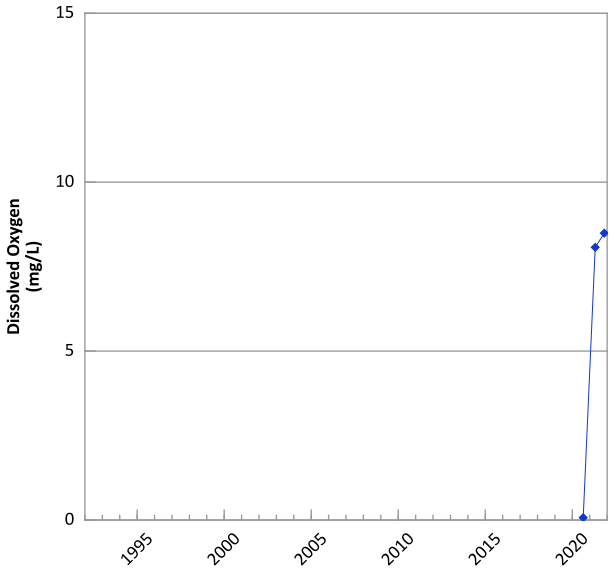
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/20/2019 to 08/23/2021
Analysis Date: 04/05/2022

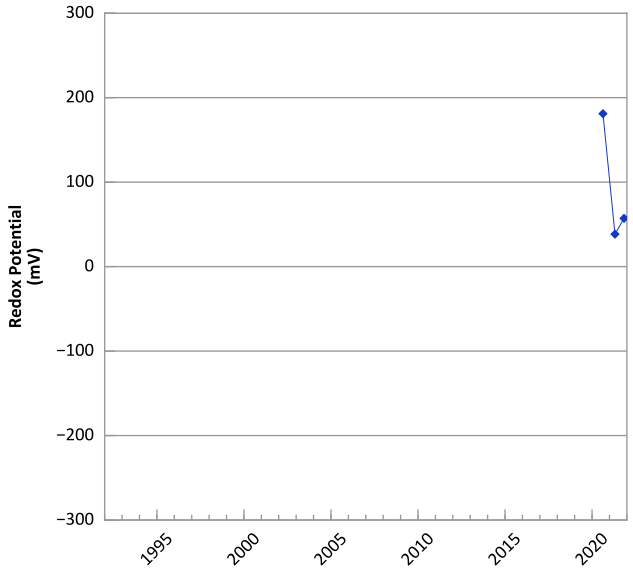
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

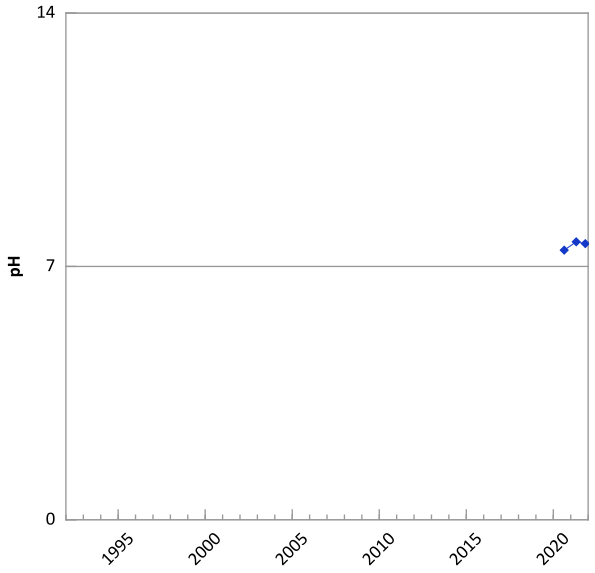
Well Location

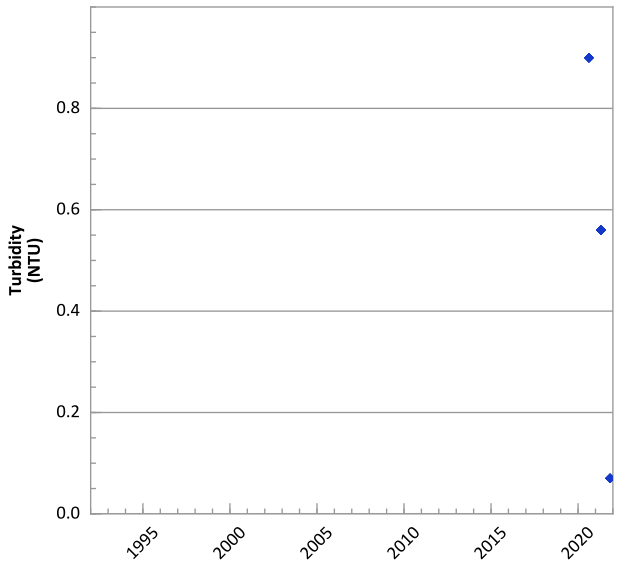


PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



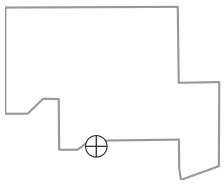






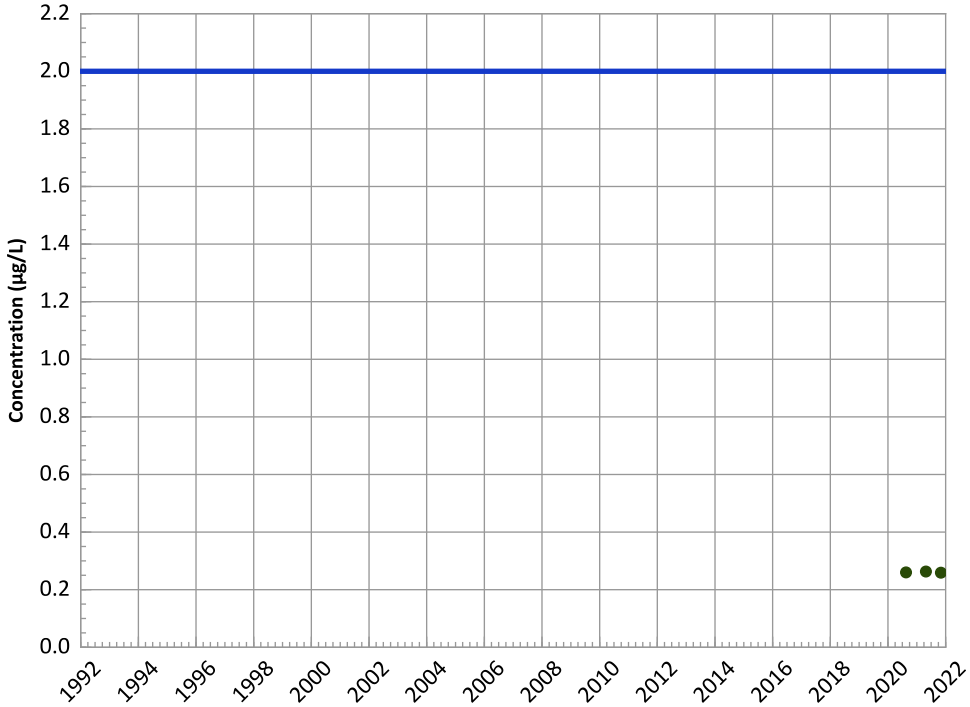
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

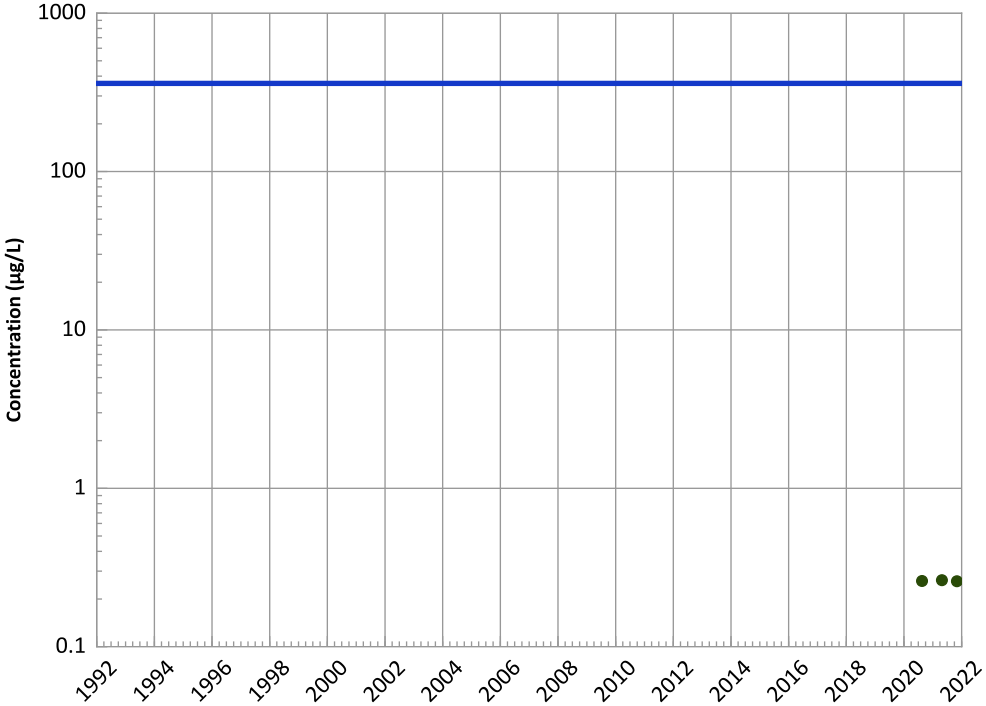


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

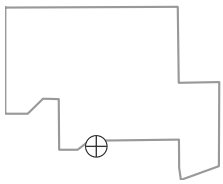
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

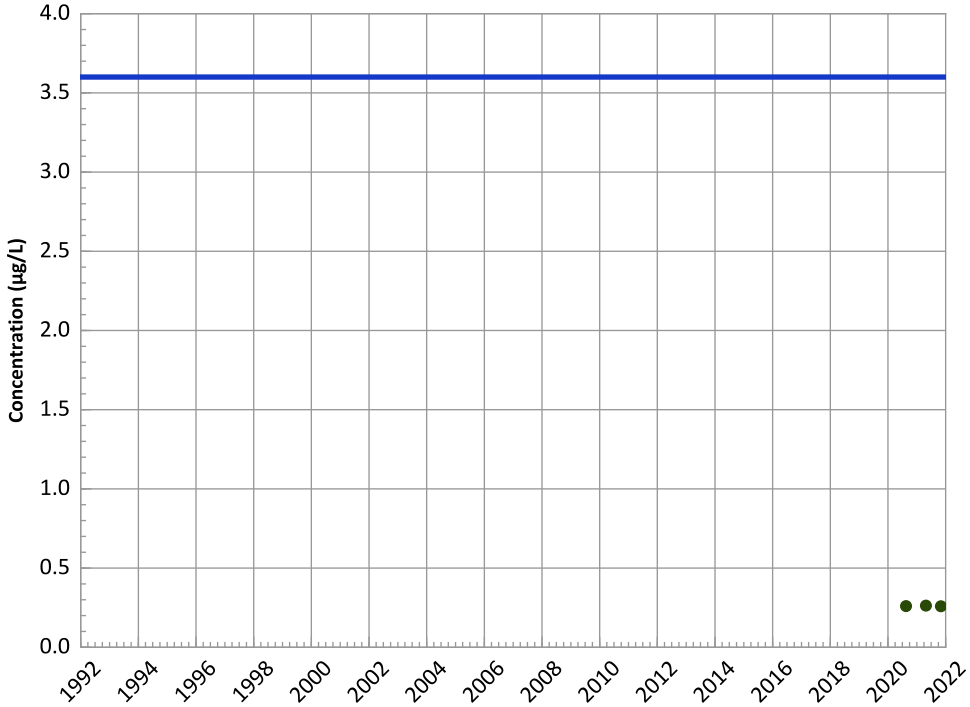
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

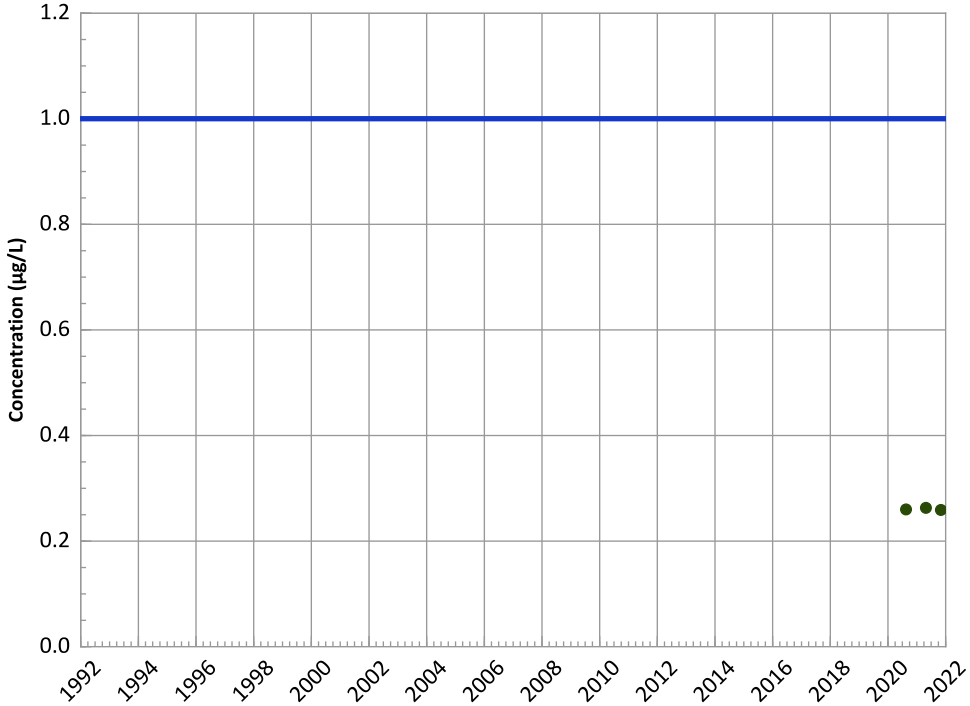


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

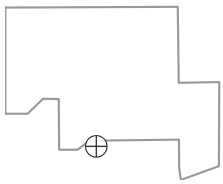
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

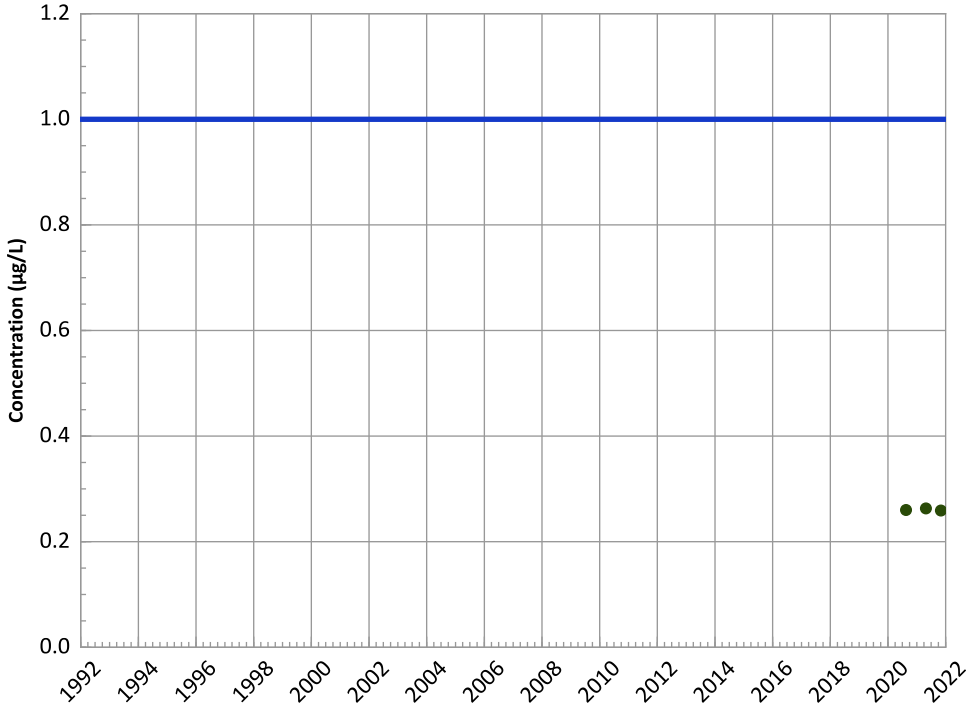
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

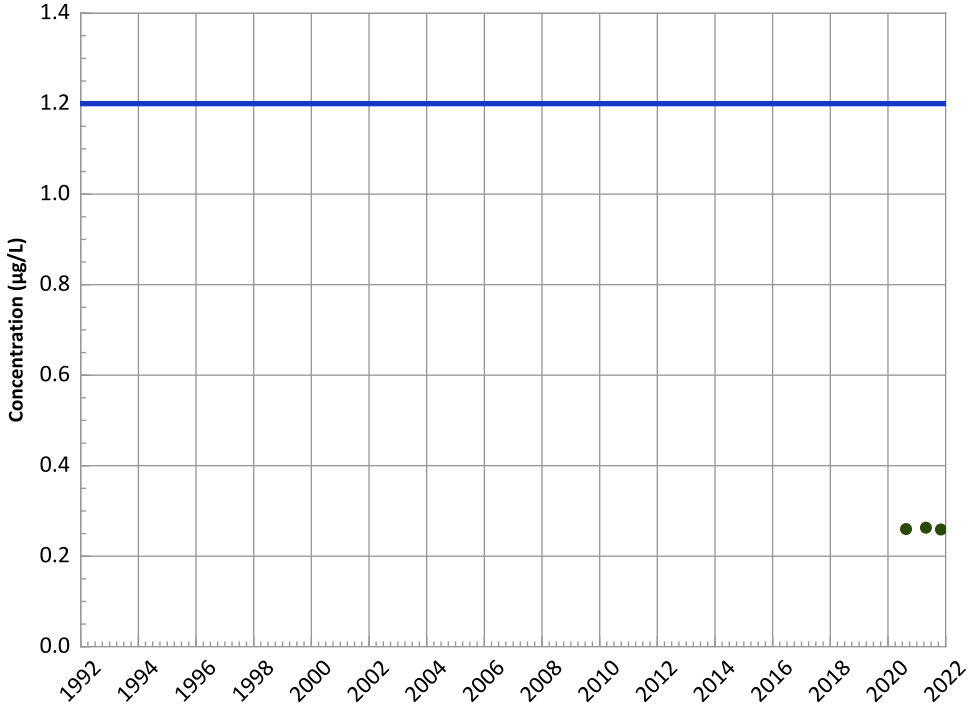


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

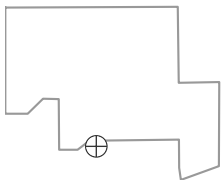
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

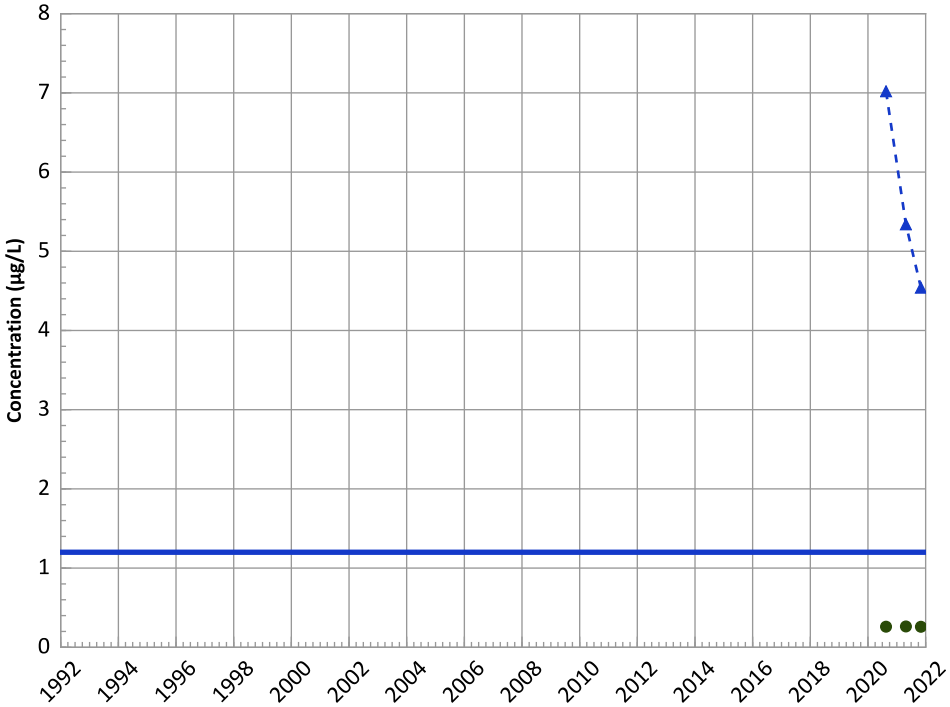
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

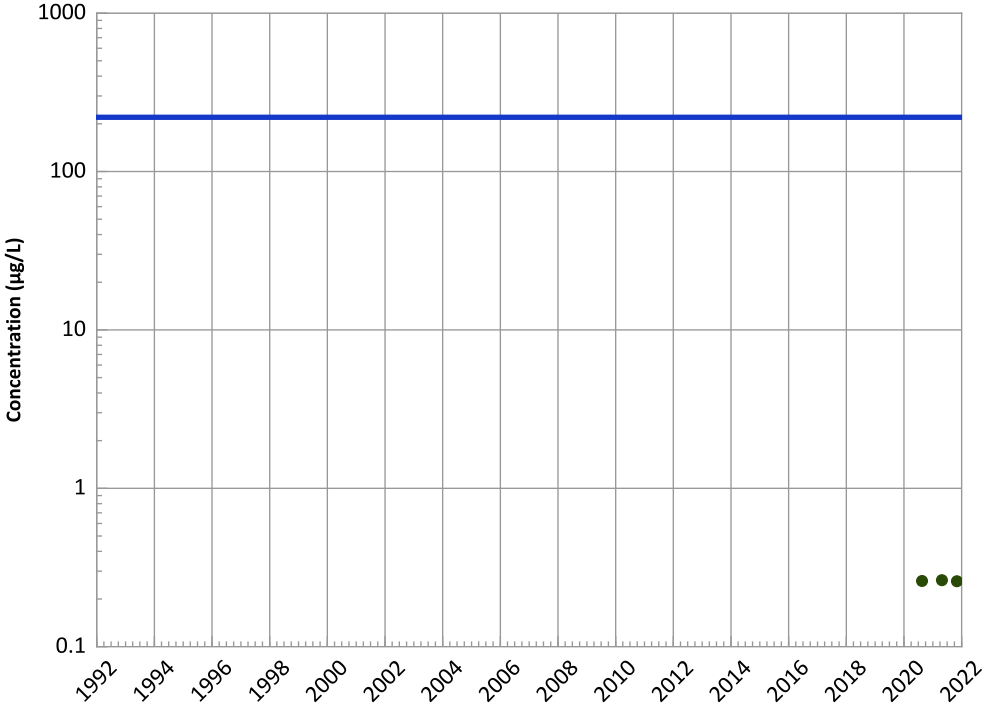


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

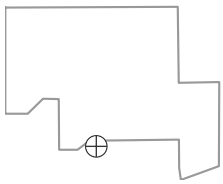
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

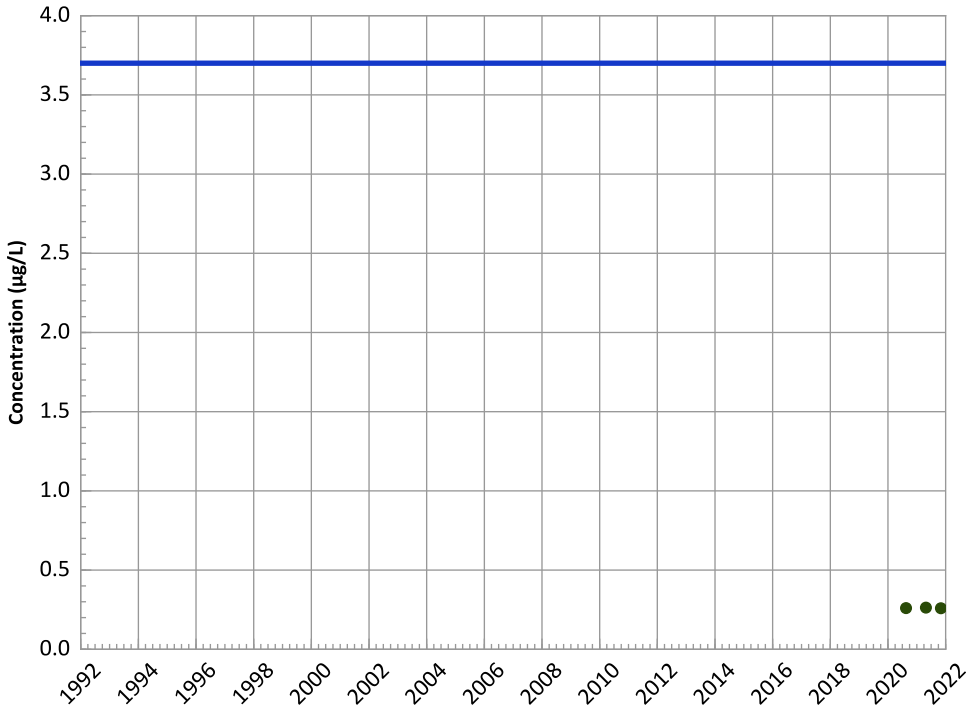
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

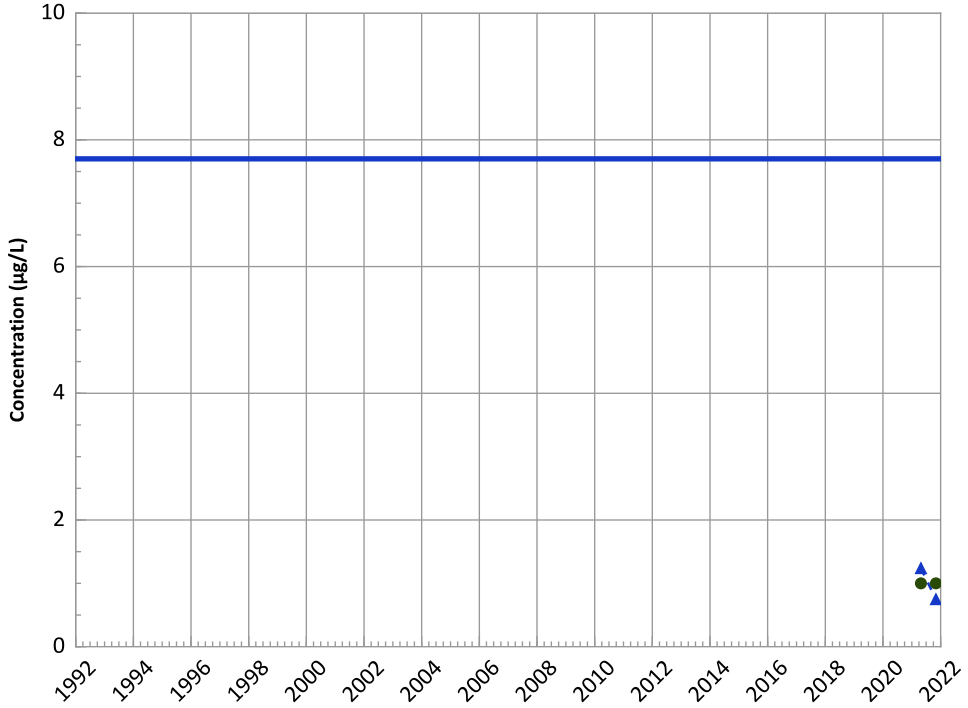


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

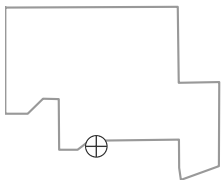
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

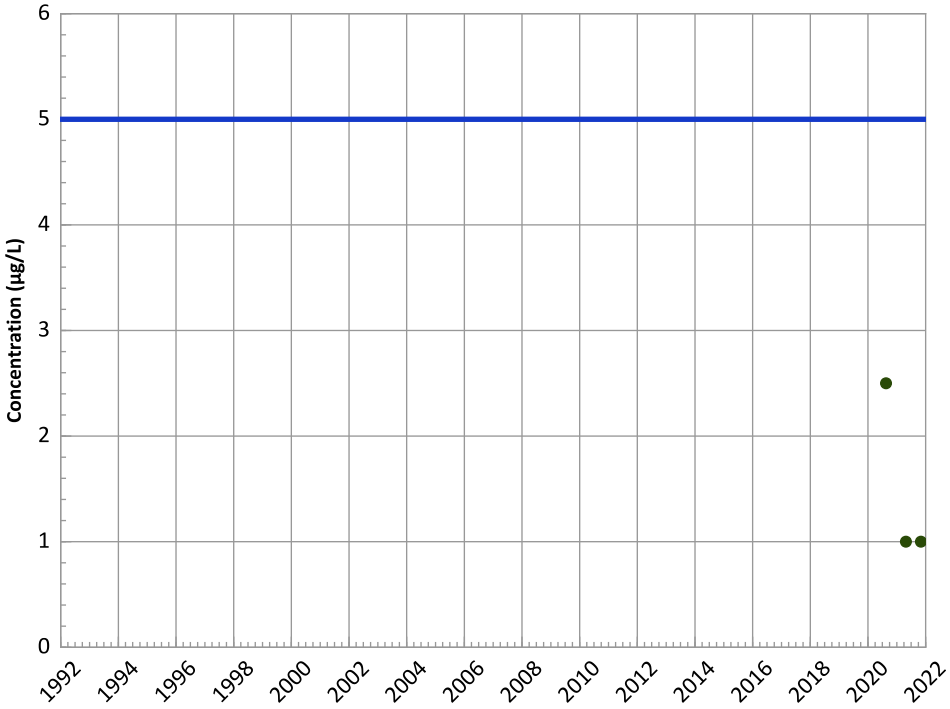
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

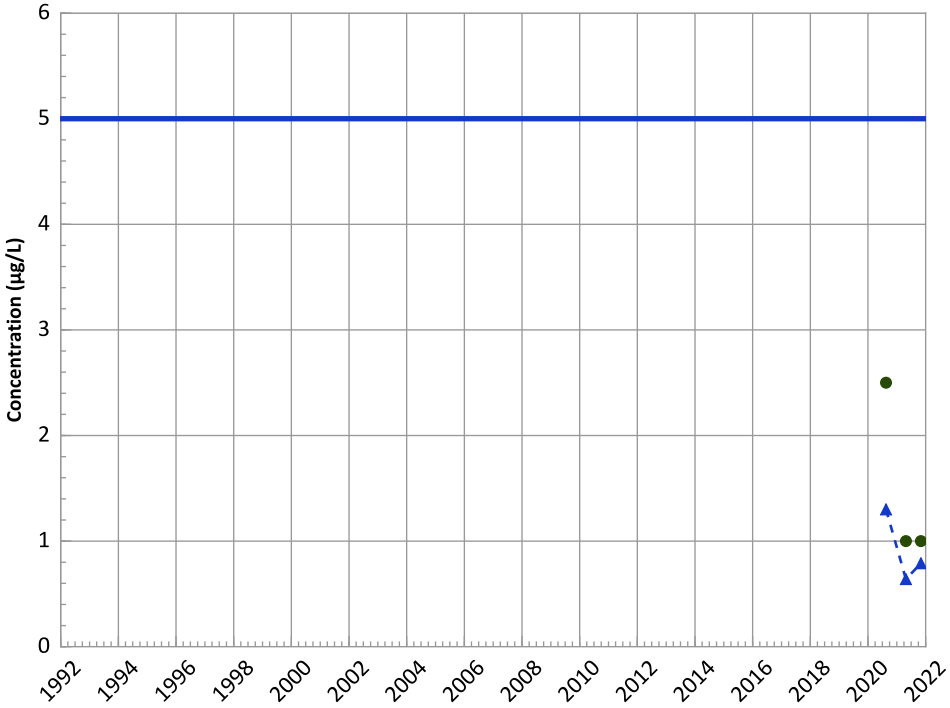


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

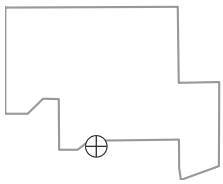
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

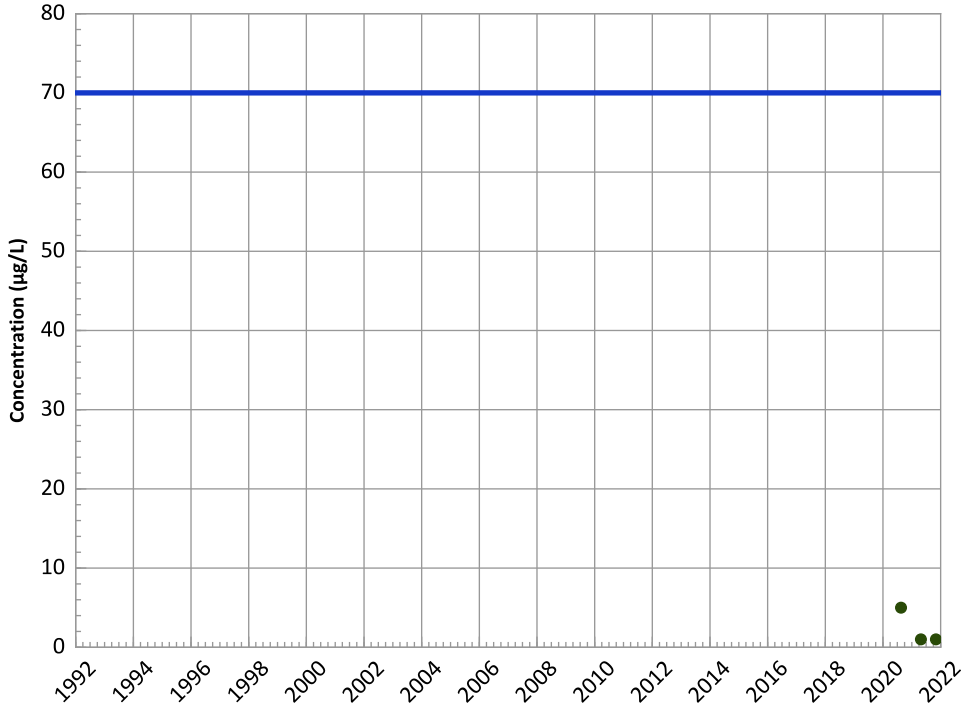
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

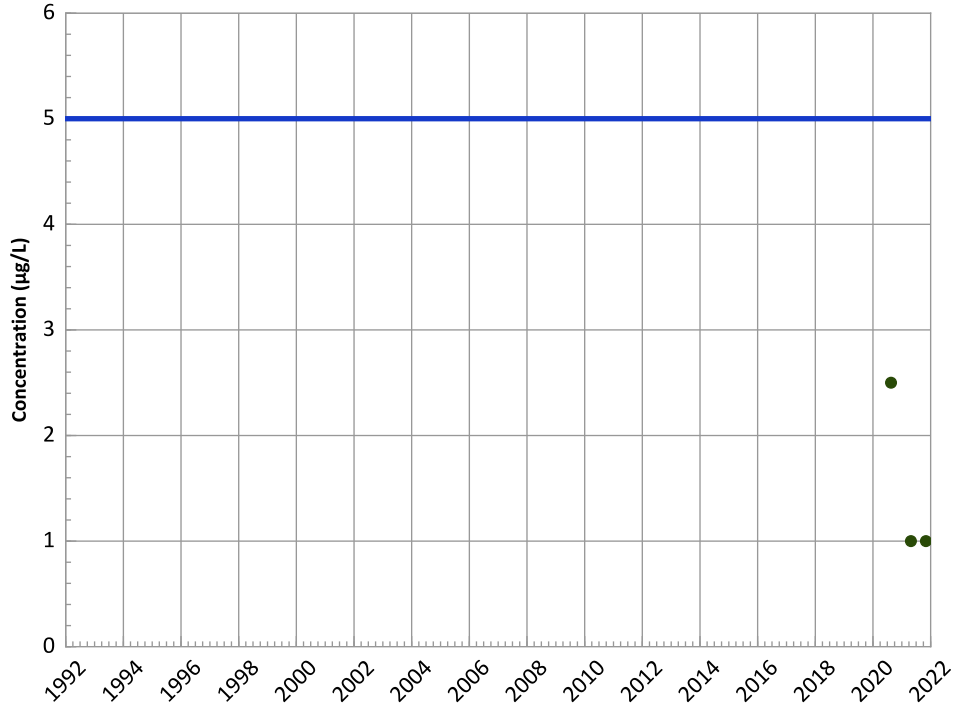


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

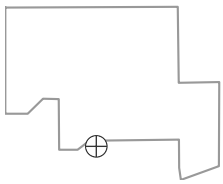
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

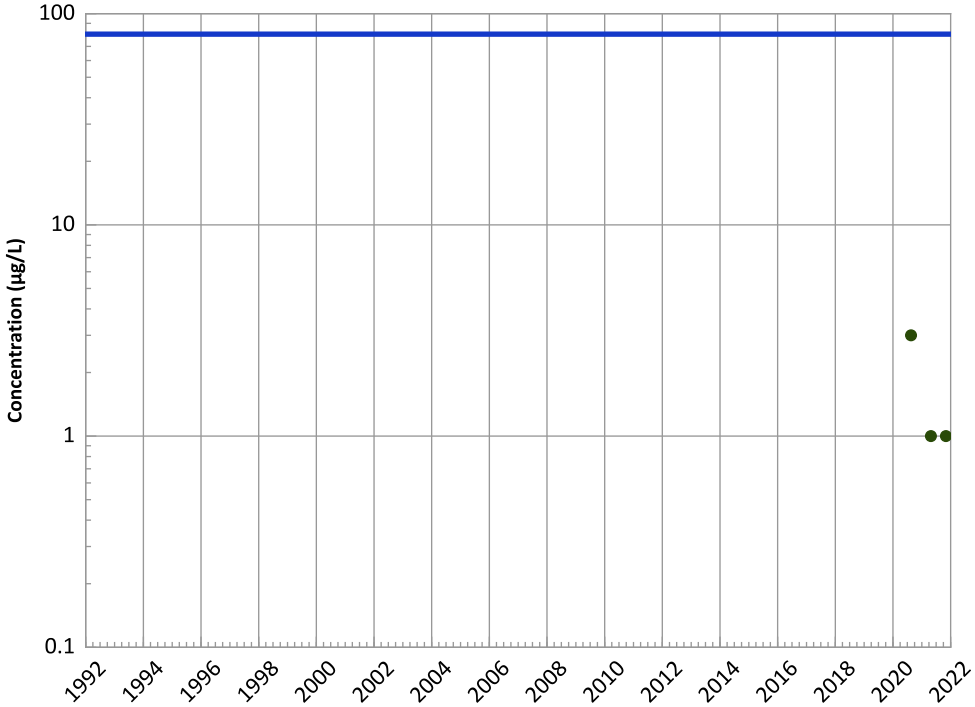
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

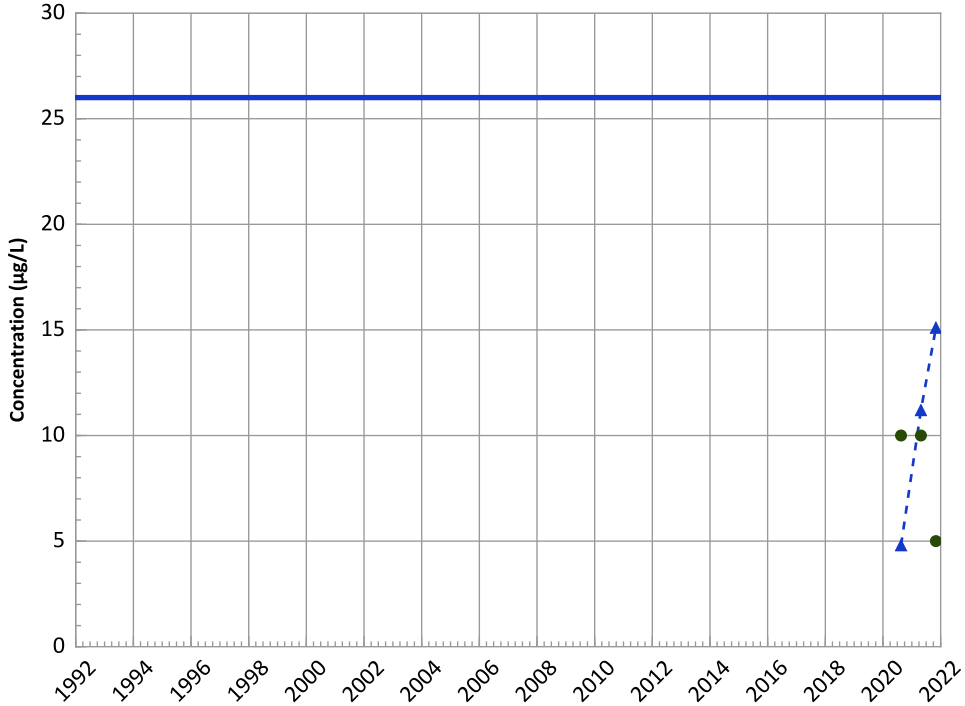


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

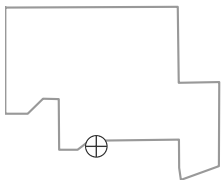
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

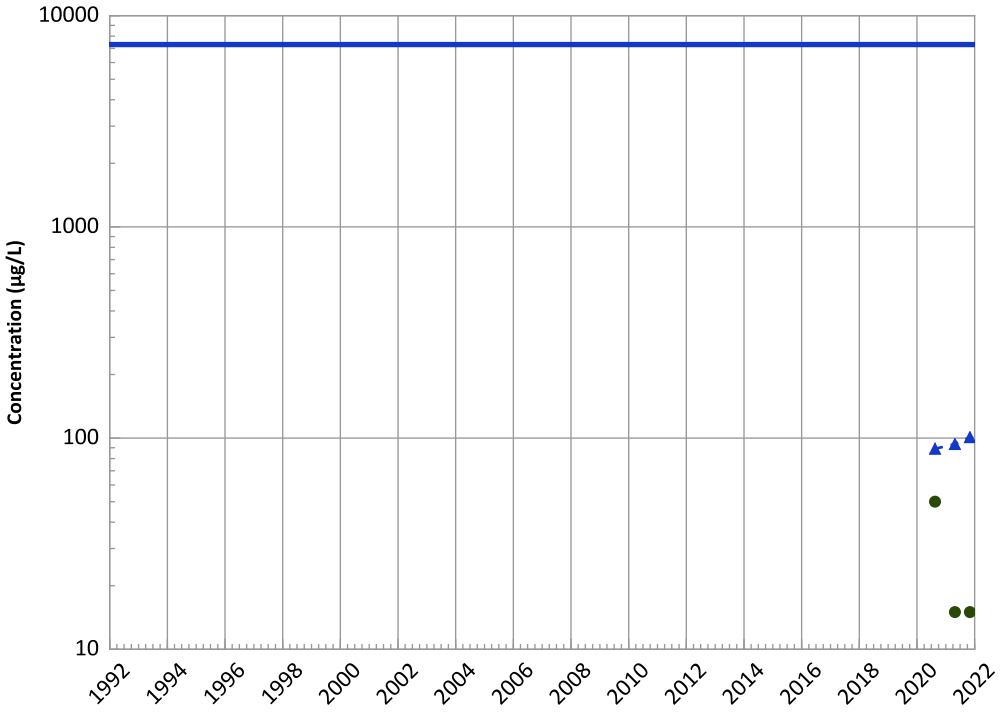
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

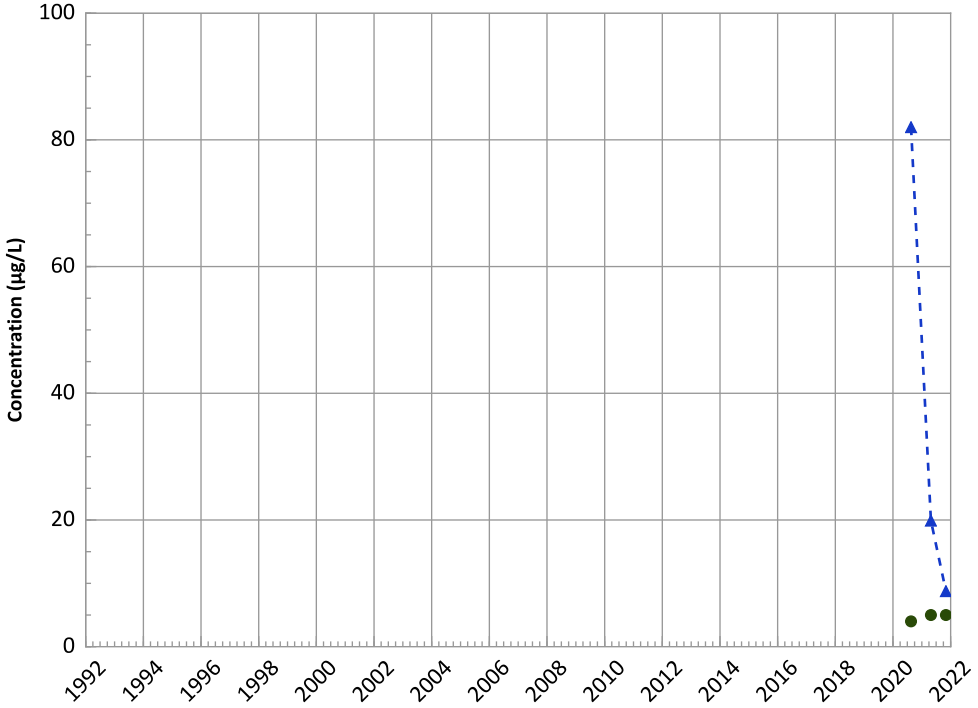


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

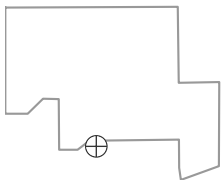
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

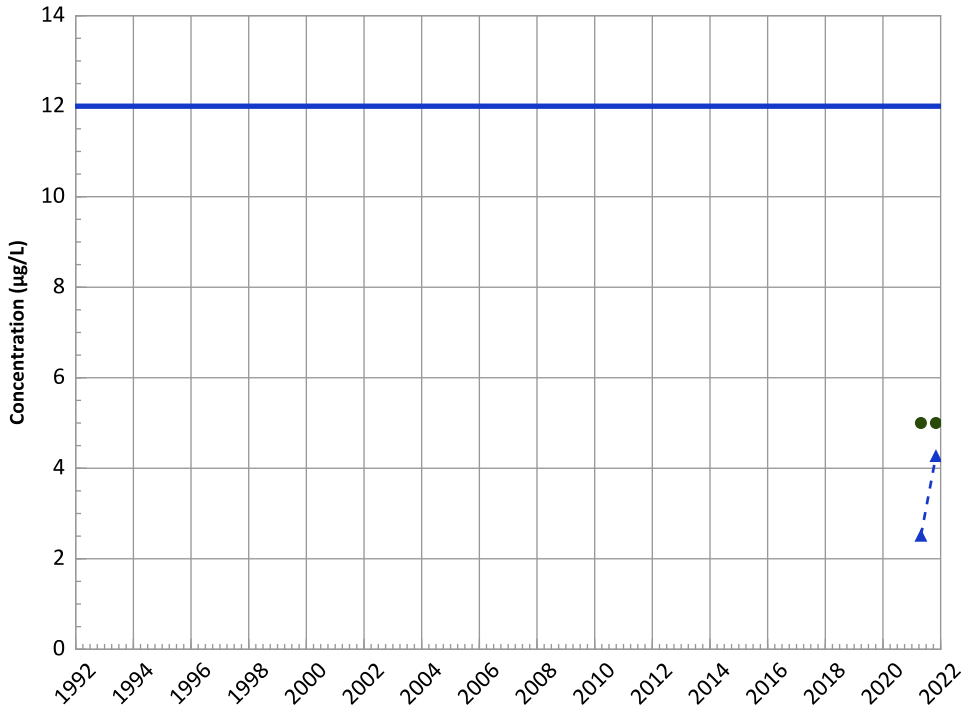
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1207 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

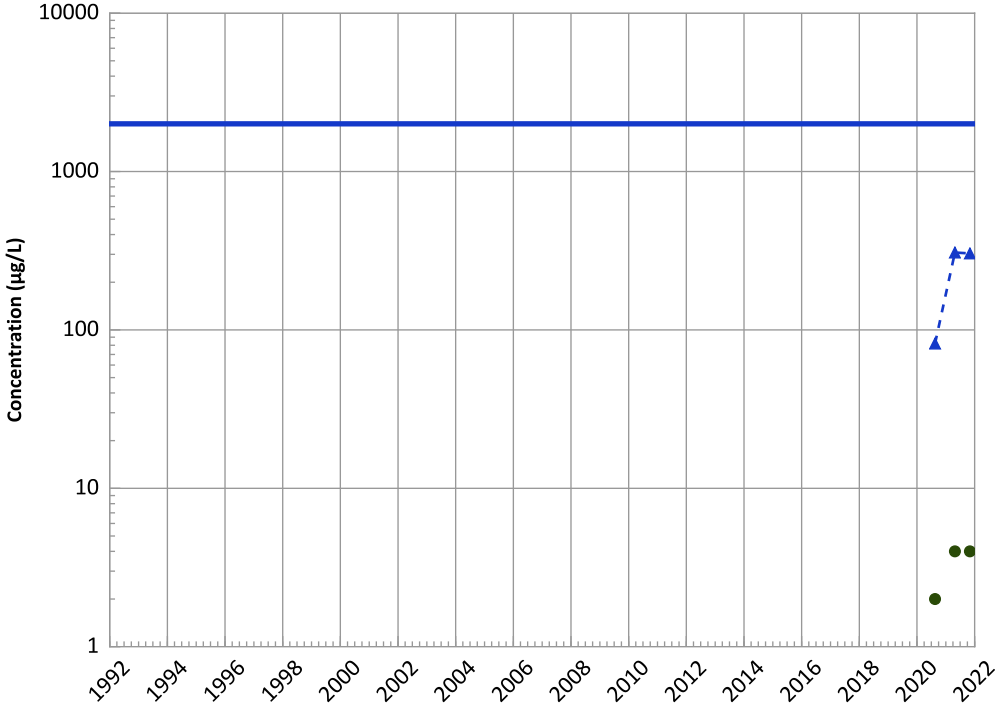


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

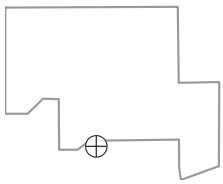
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

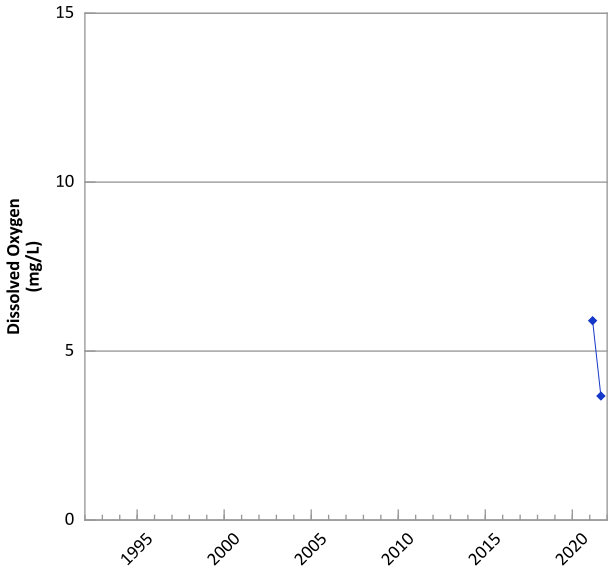
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/17/2020 to 11/02/2021
Analysis Date: 04/05/2022

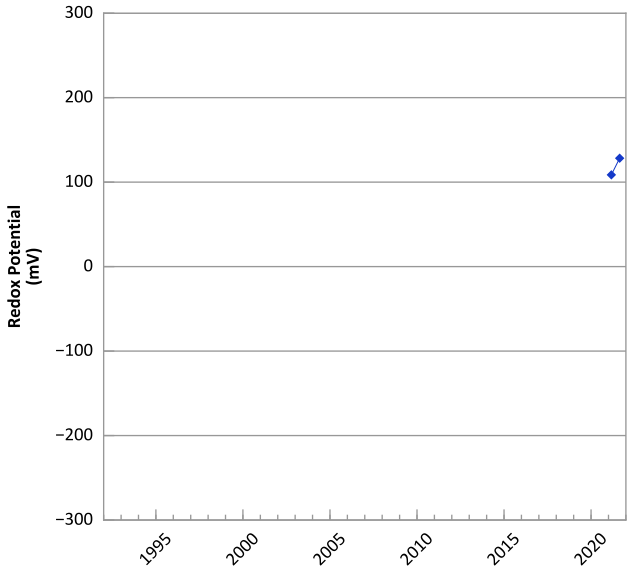
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

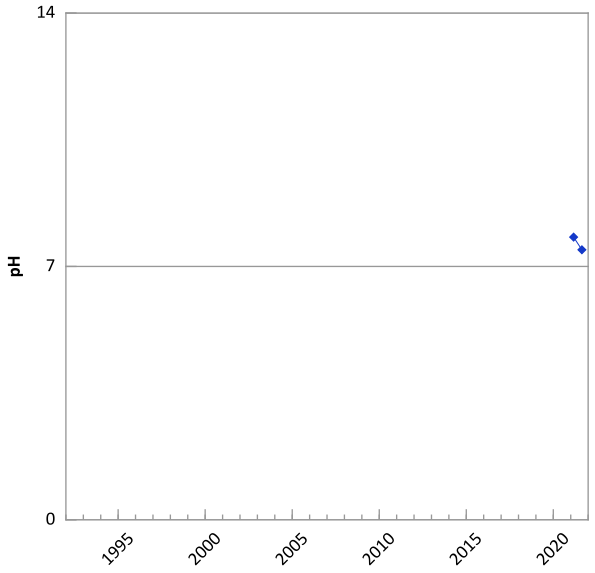
Well Location

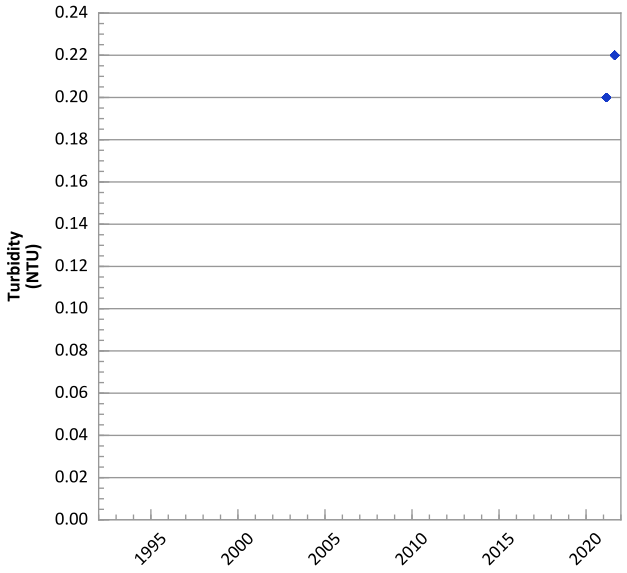


PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



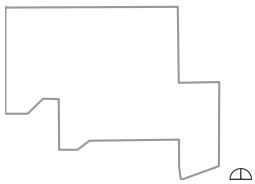






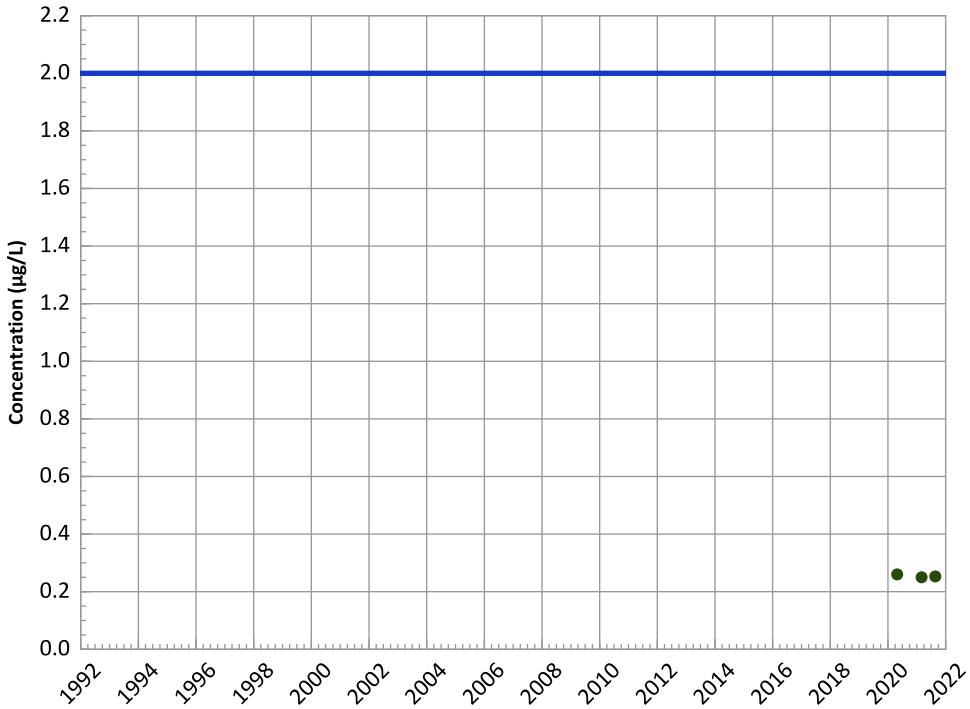
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

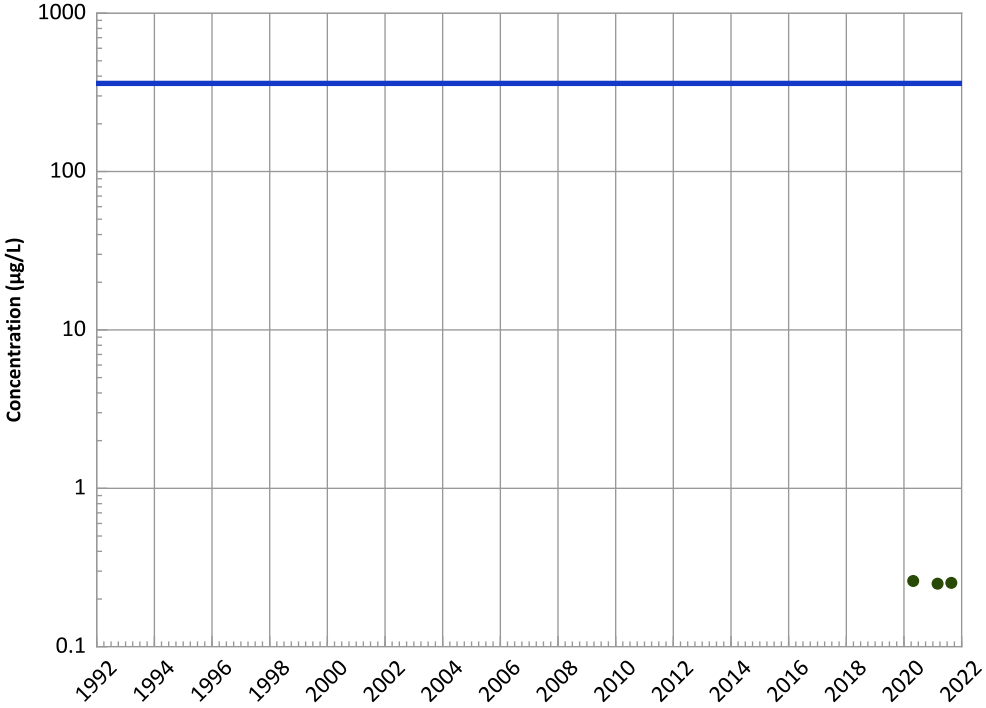


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

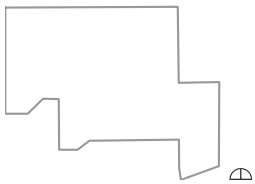
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

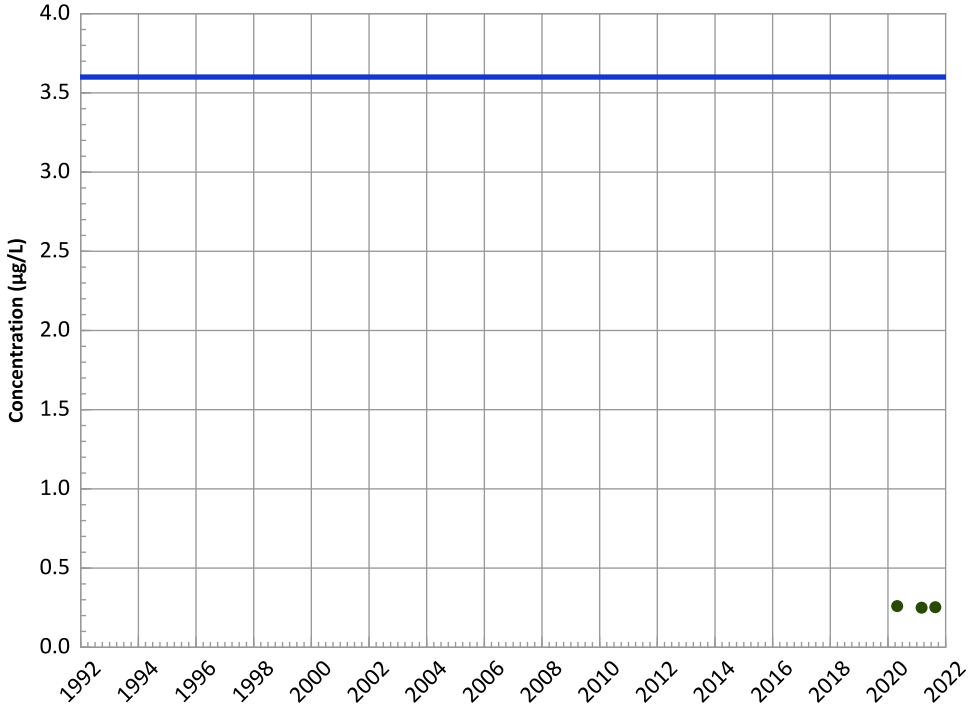
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

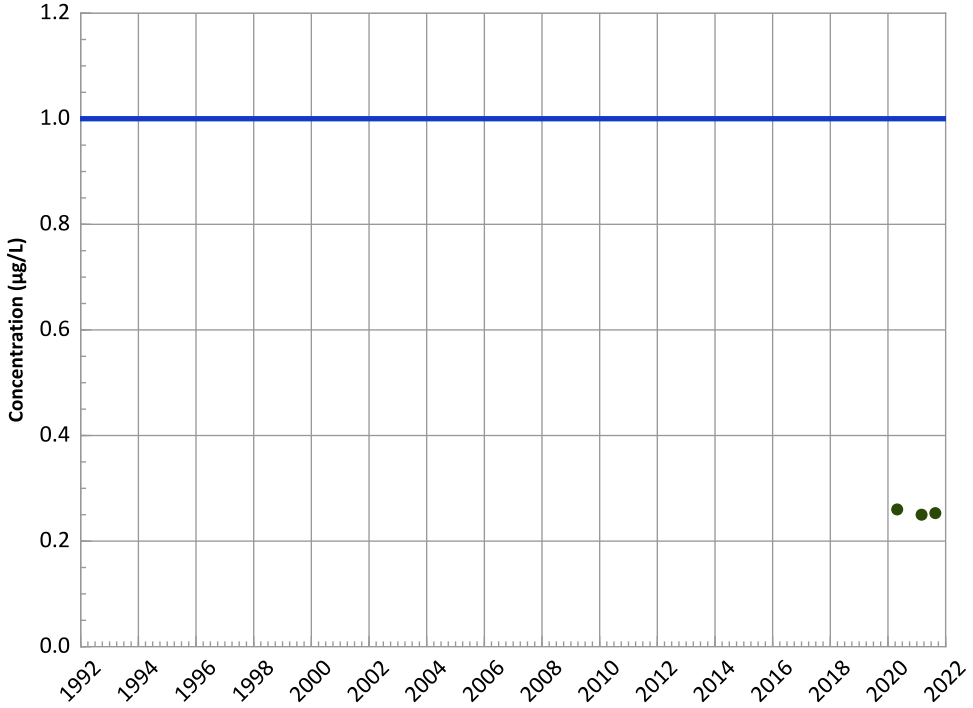


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

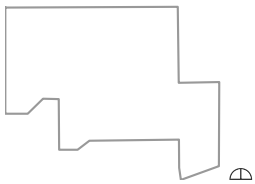
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

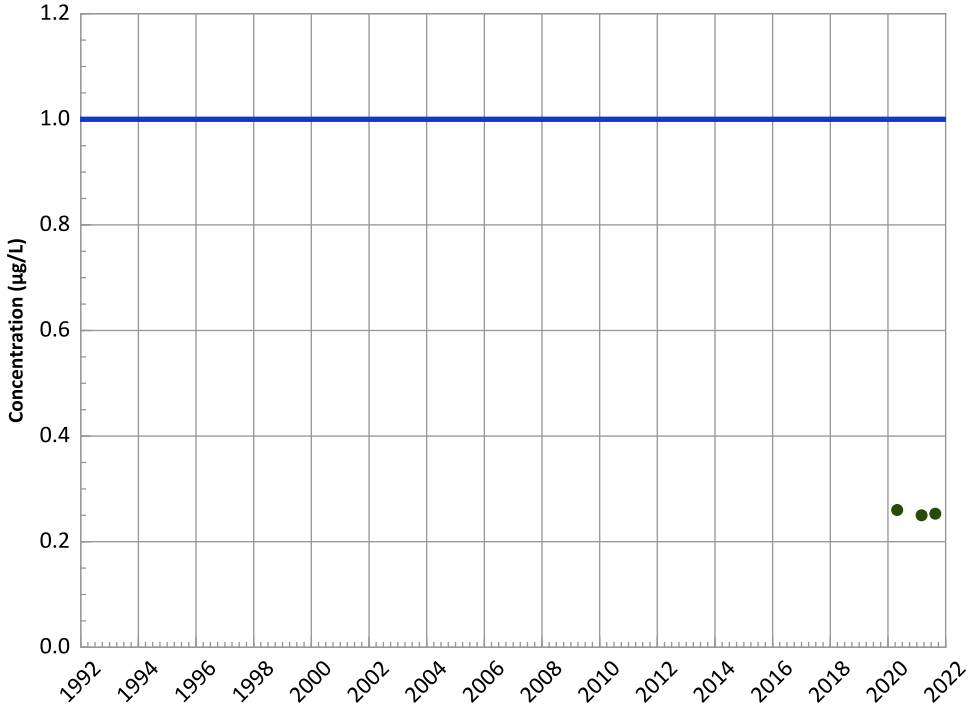
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

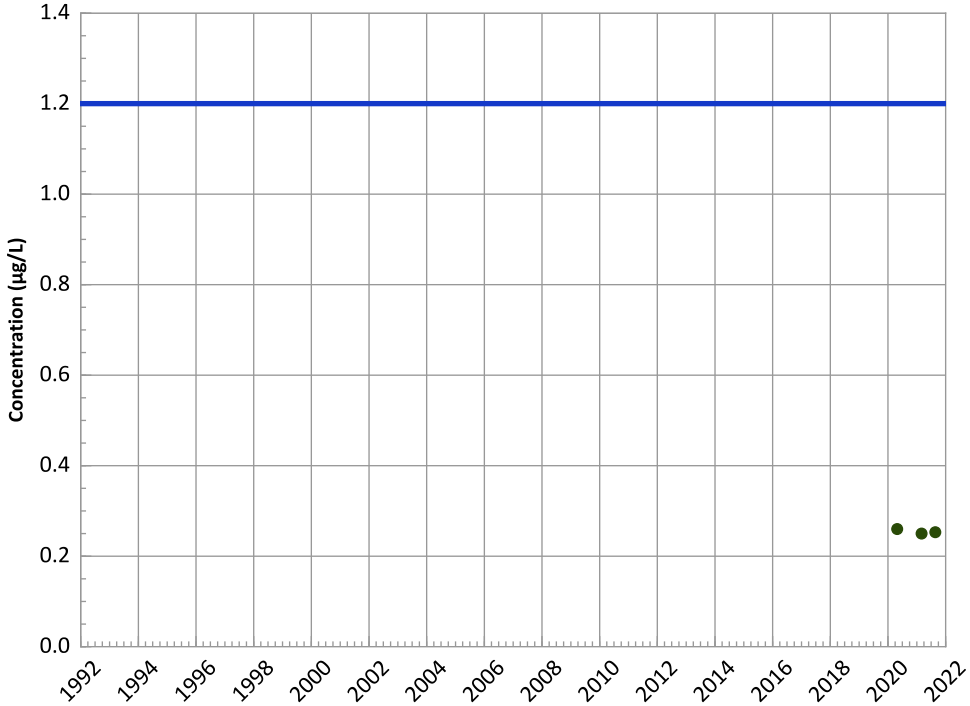


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

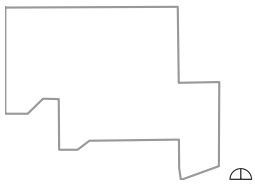
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

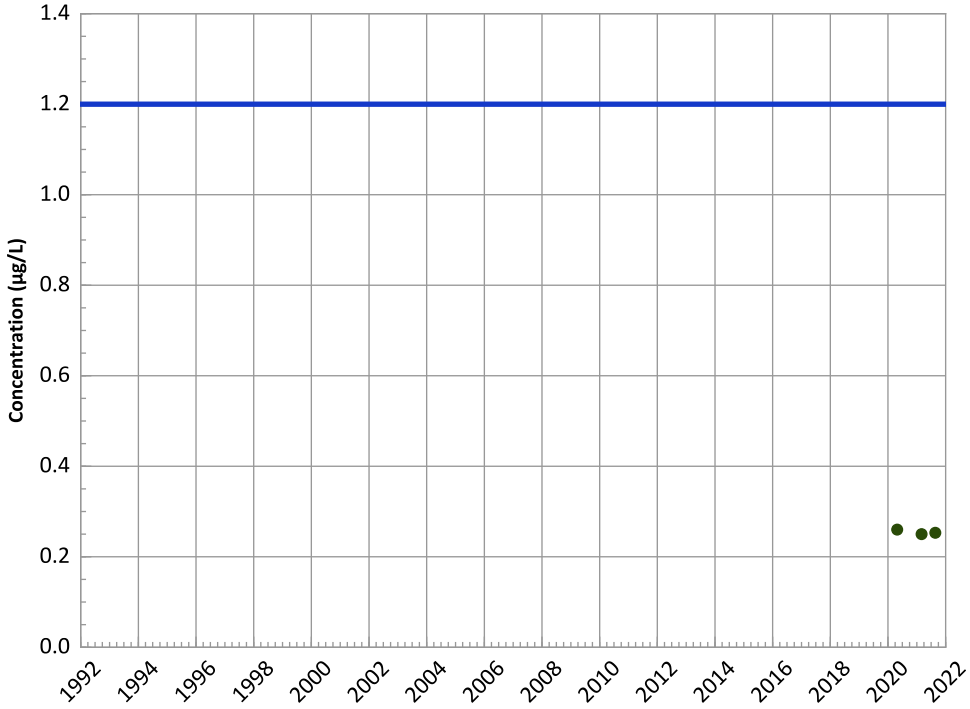
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

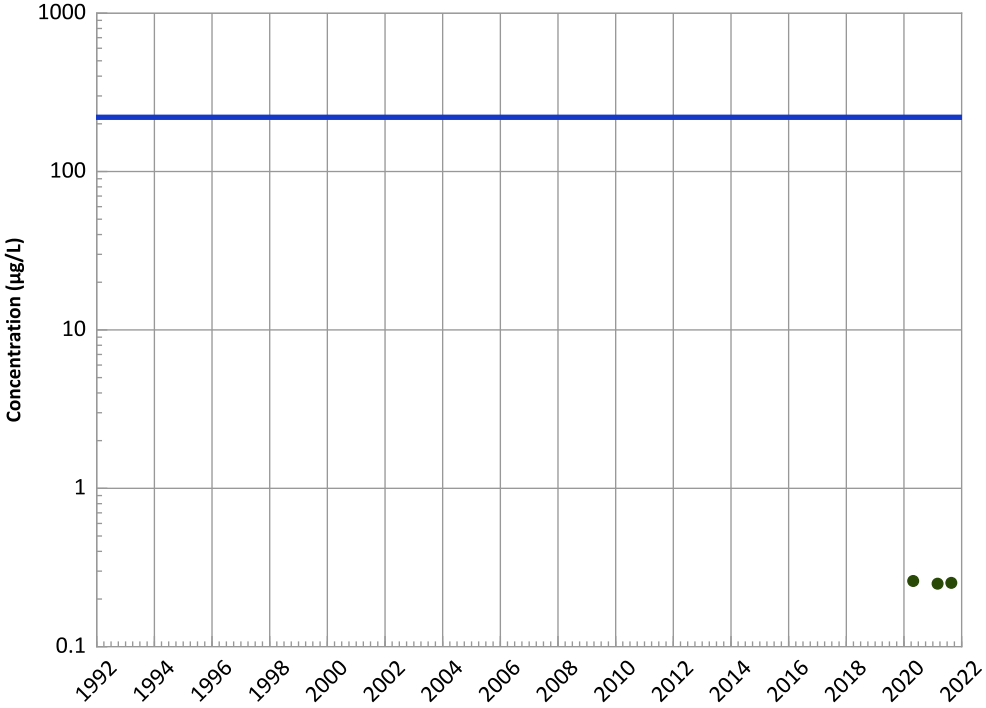


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

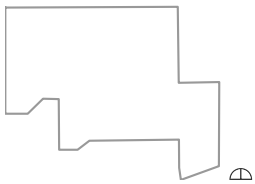
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

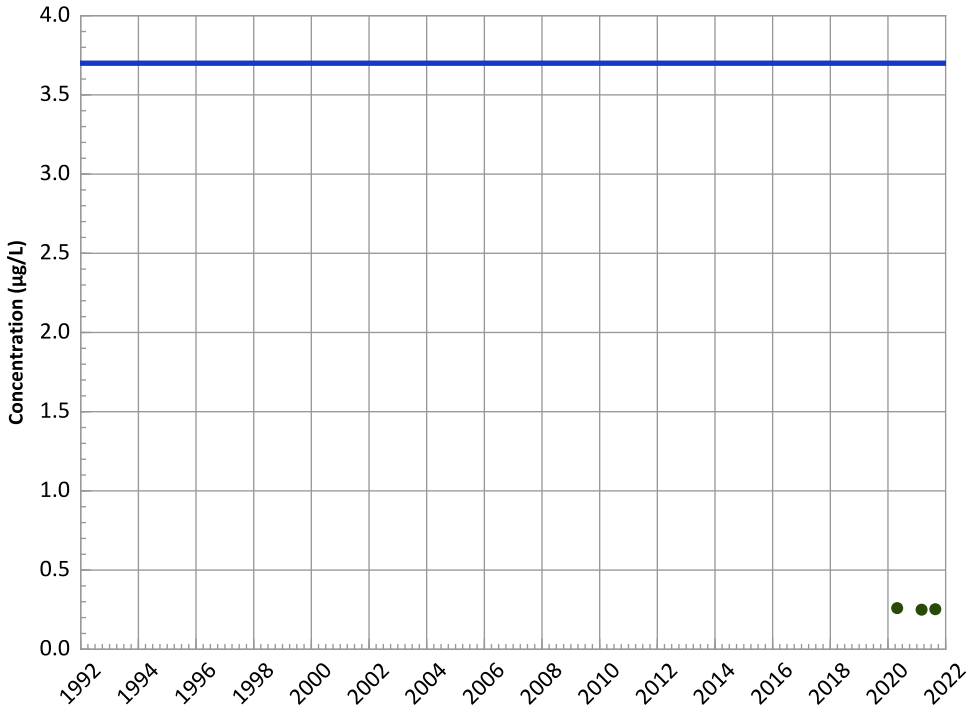
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

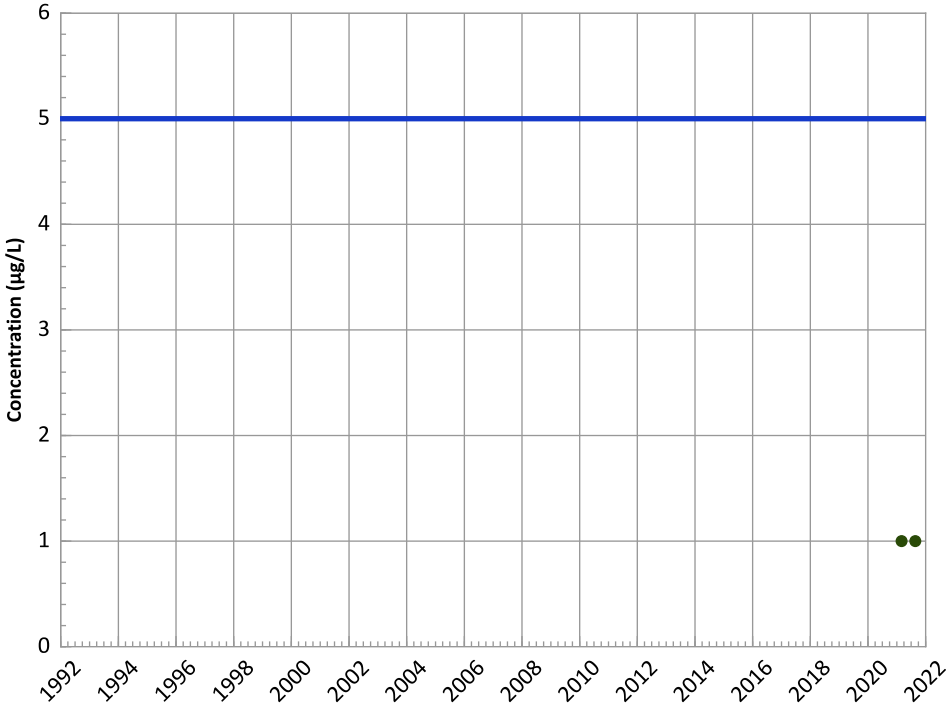


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

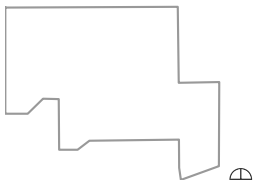
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

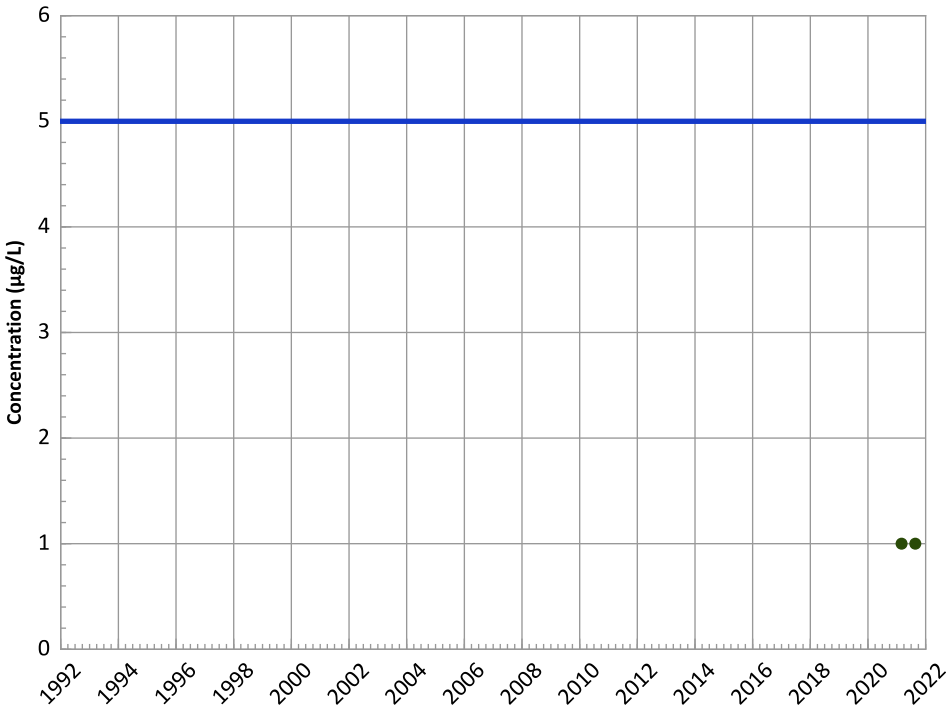
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

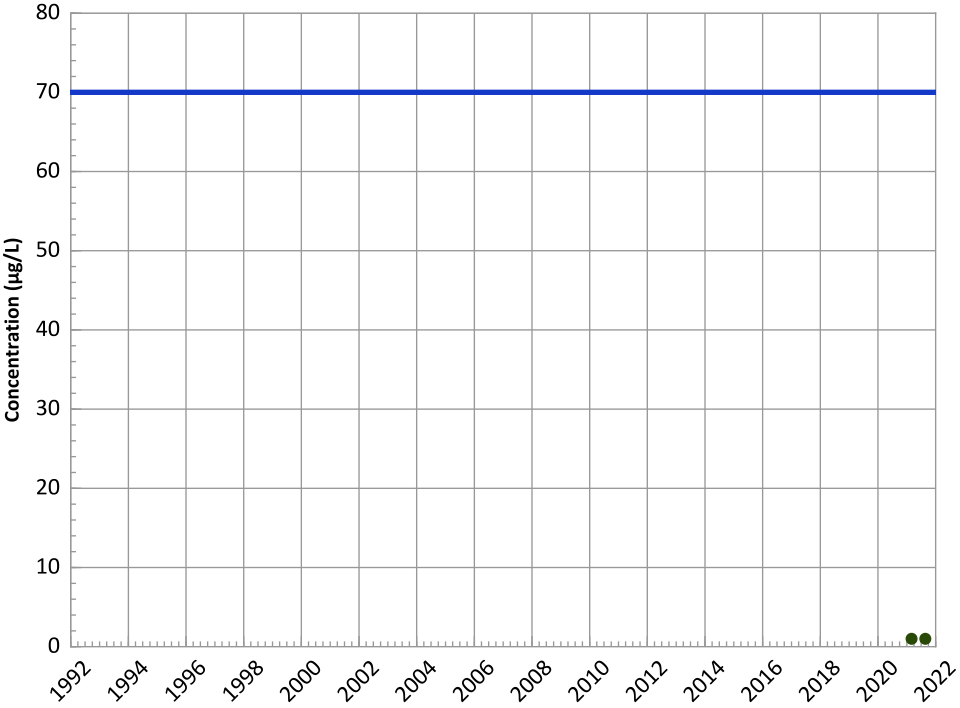


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

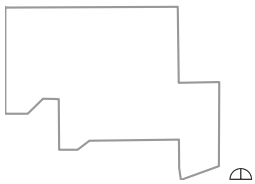
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

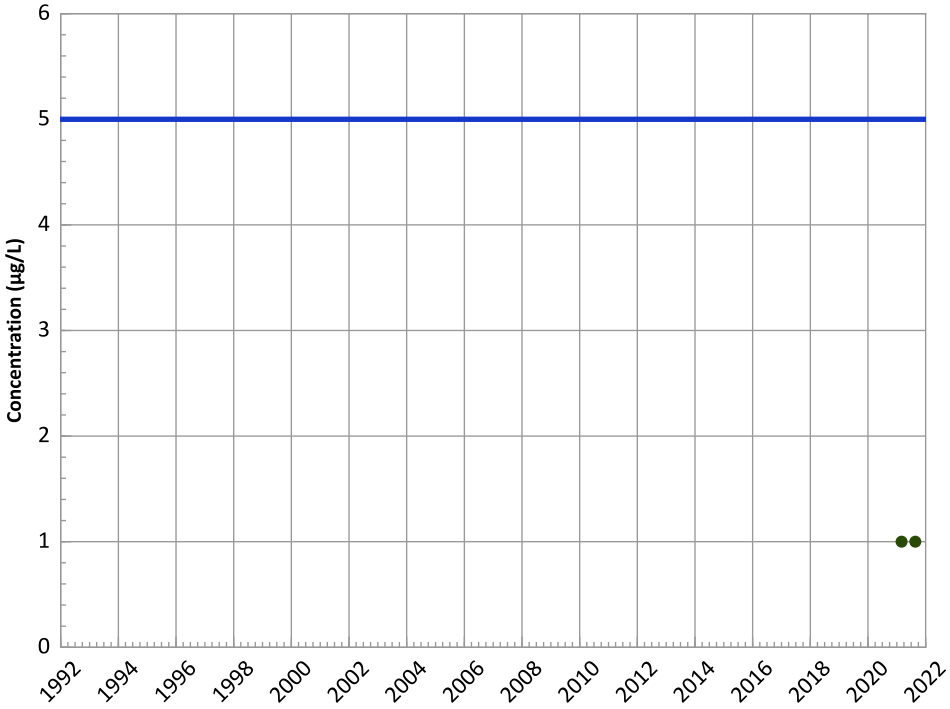
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

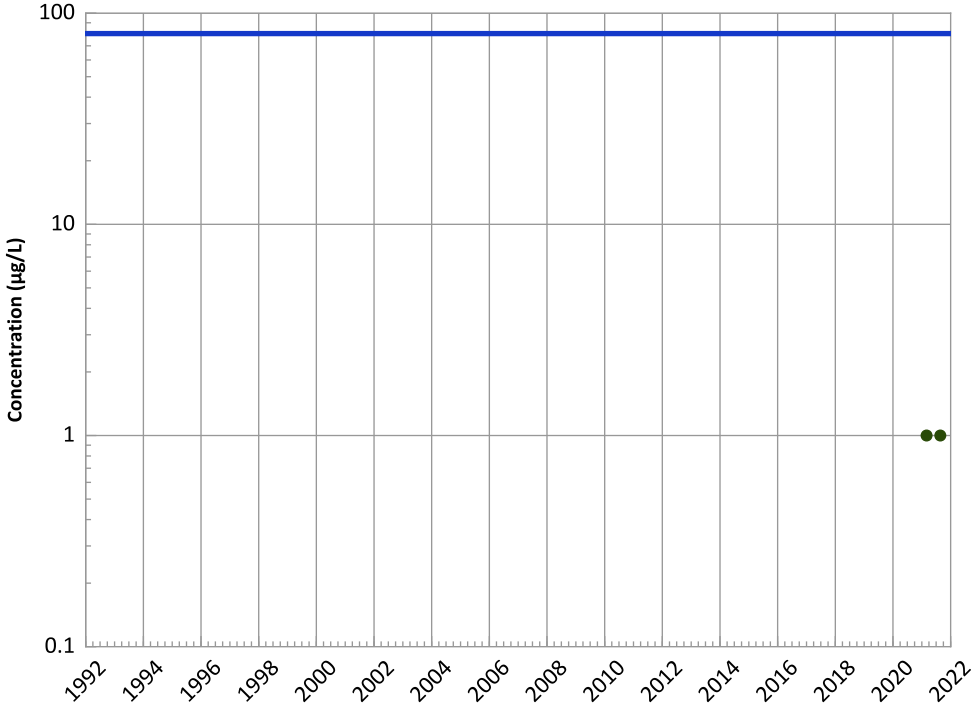


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Chloroform Trend



Concentration Trend

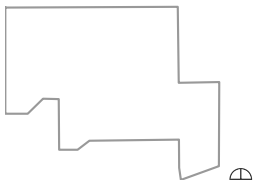
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

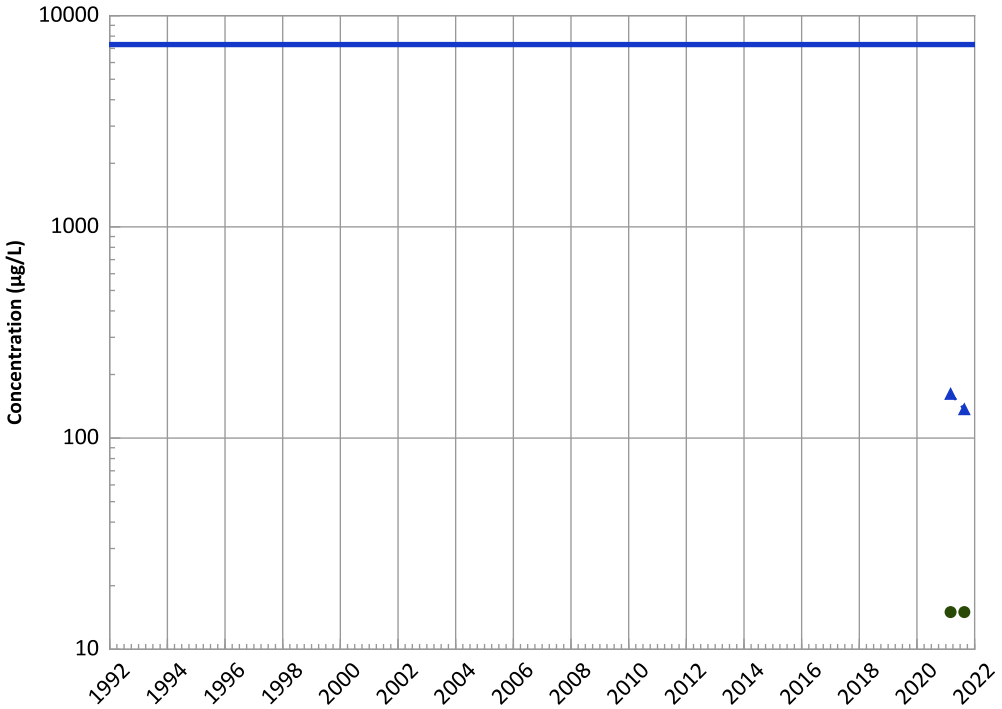
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

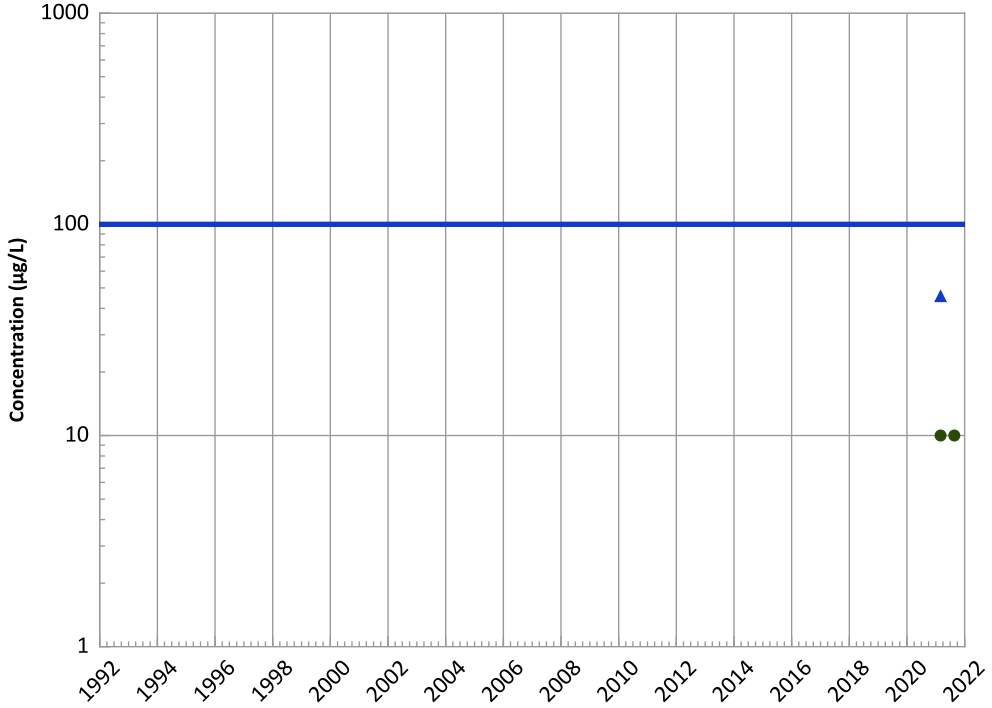


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

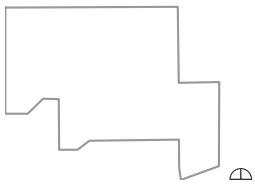
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

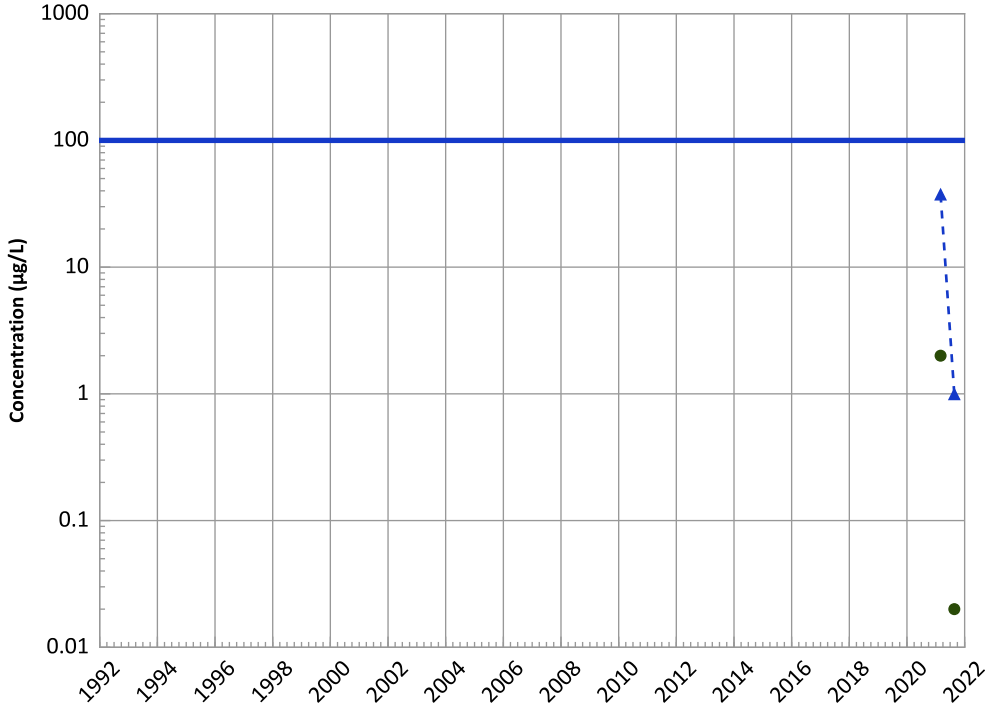
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

Well Location



PTX06-1208 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend



Concentration Trend

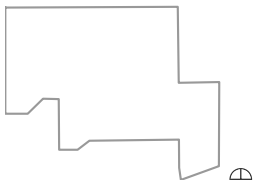
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Samples in Dataset)
All Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

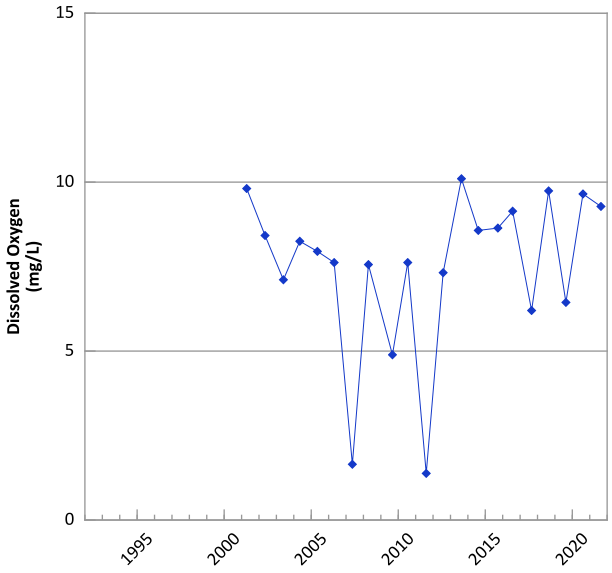
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/27/2020 to 08/23/2021
Analysis Date: 04/05/2022

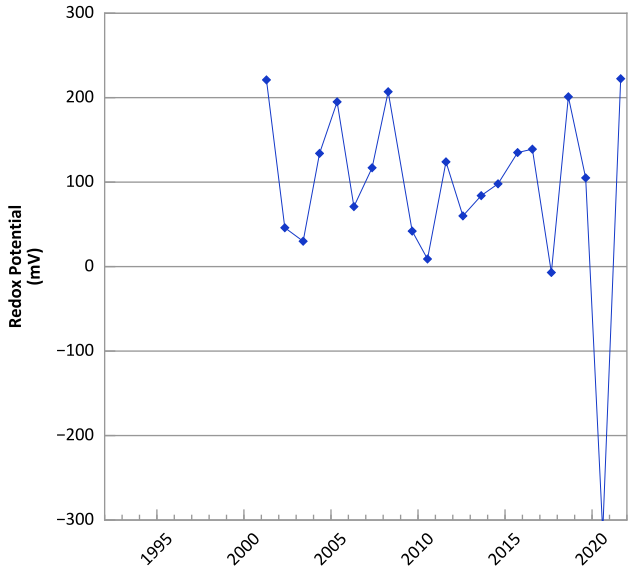
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

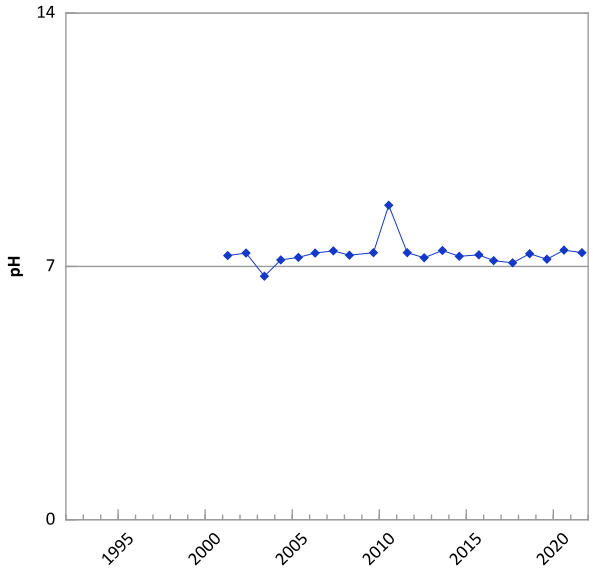
Well Location

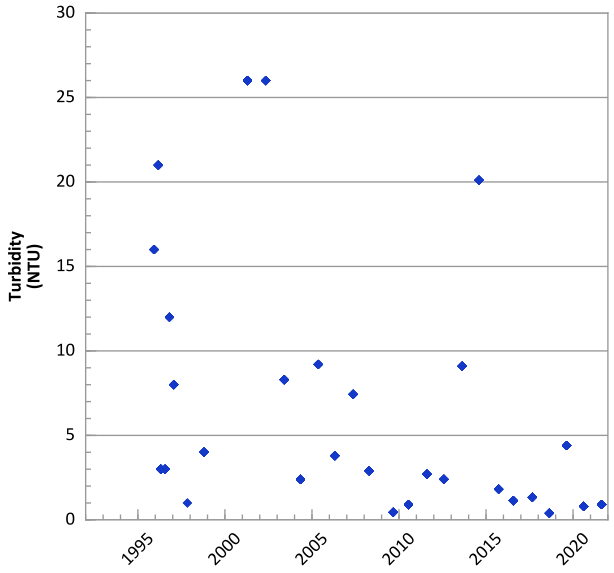


PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



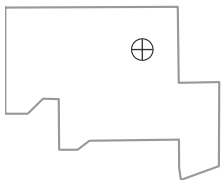






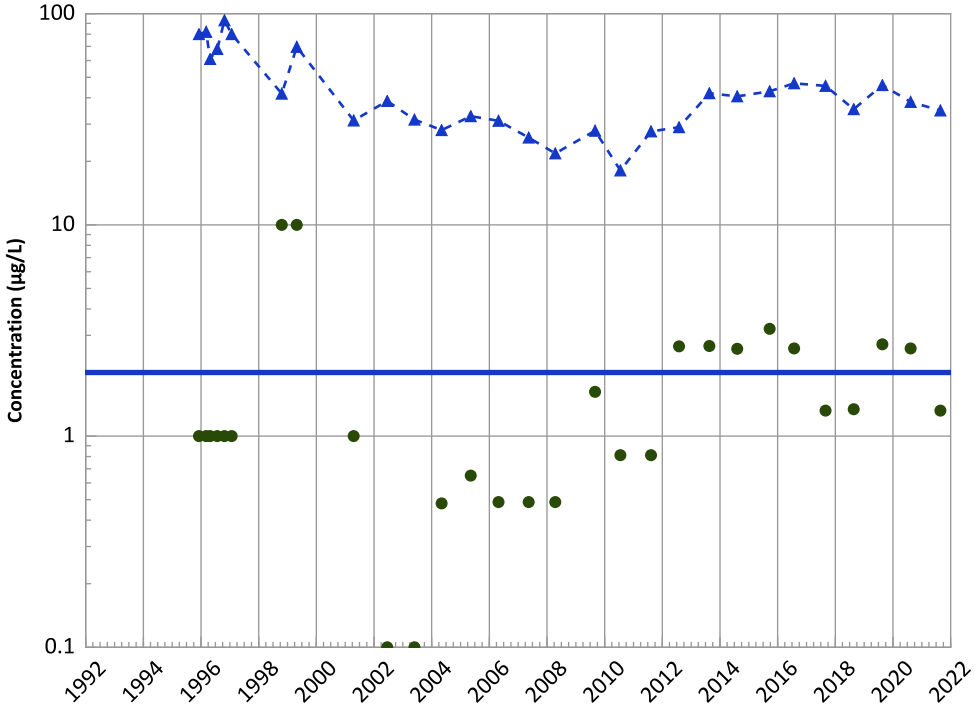
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

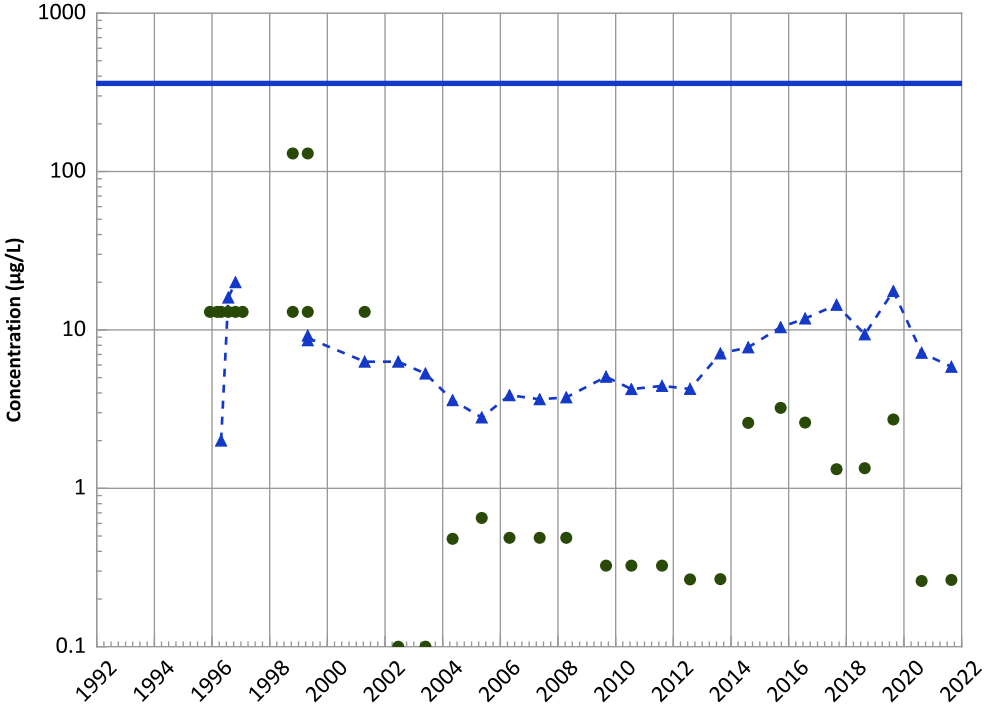


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

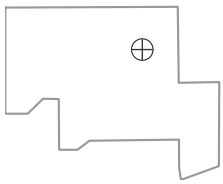
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

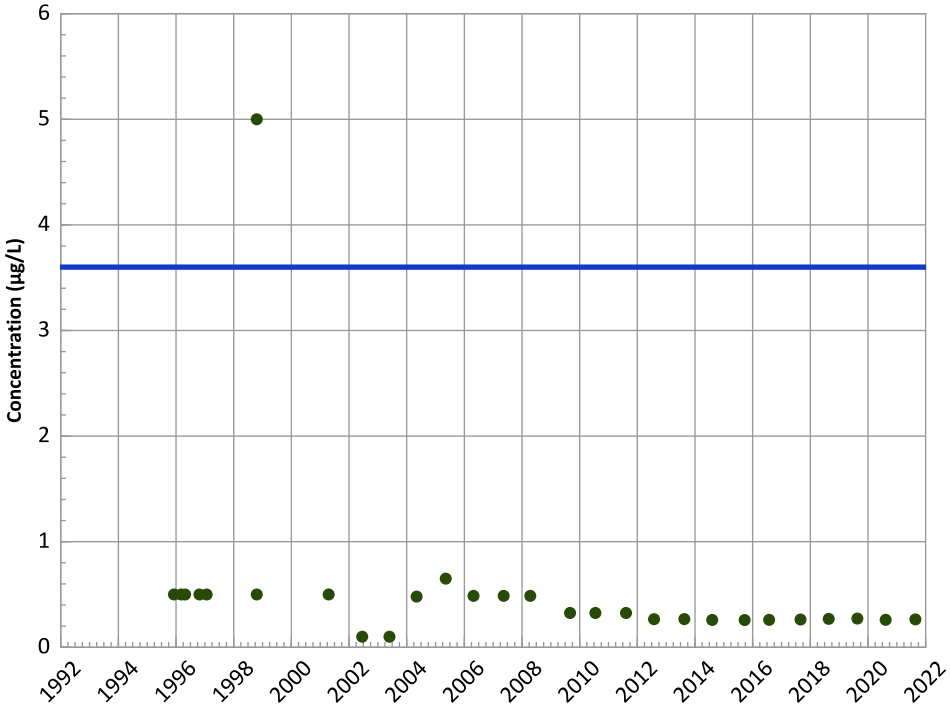
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

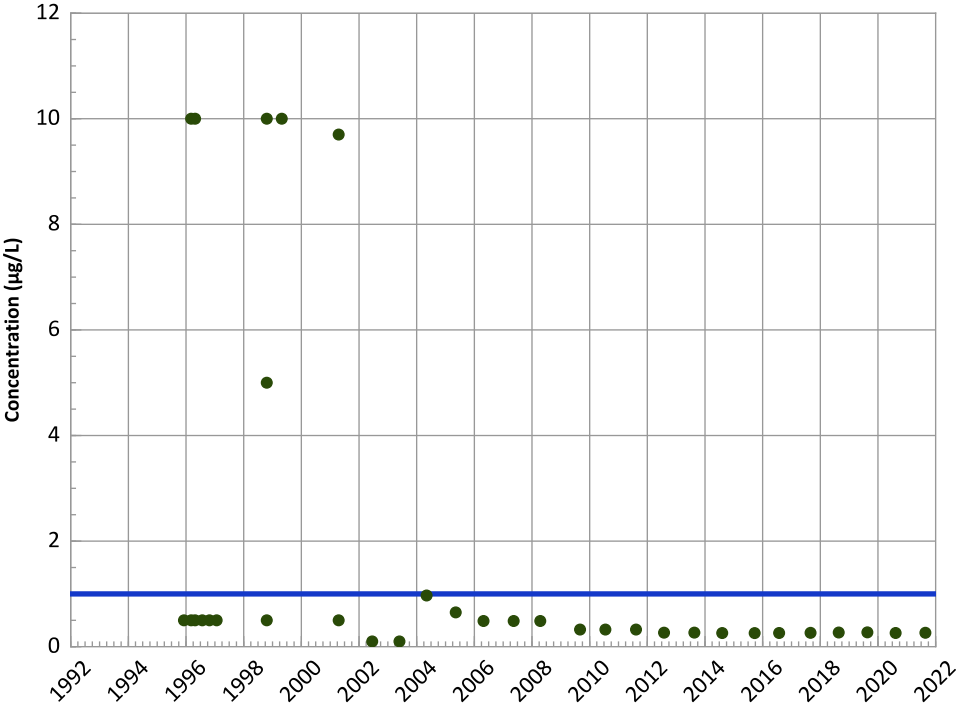


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

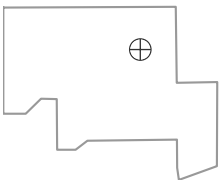
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

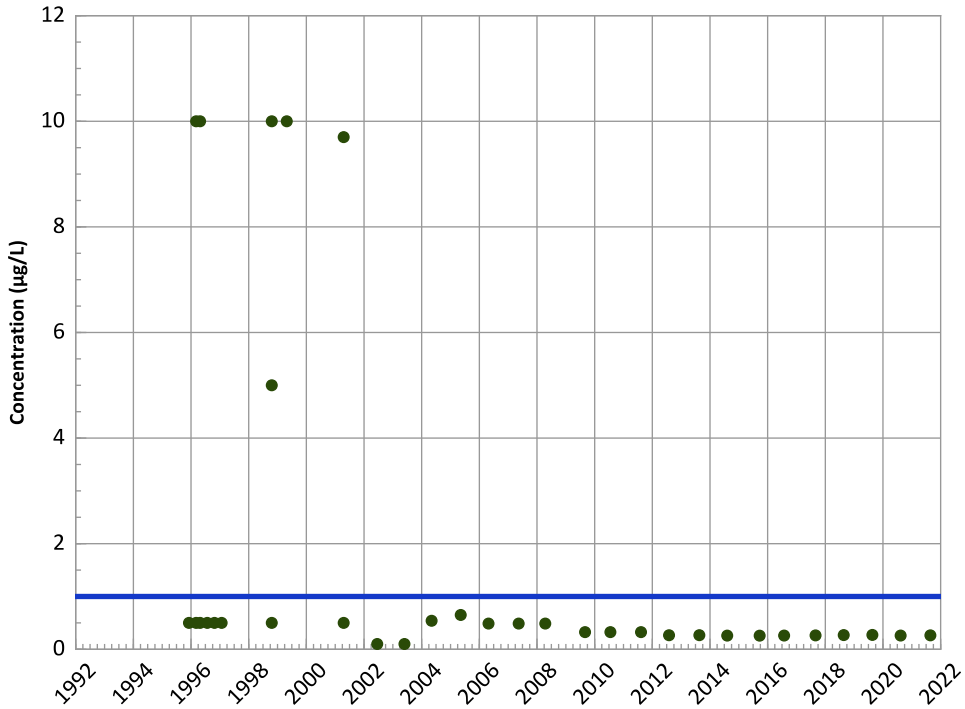
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

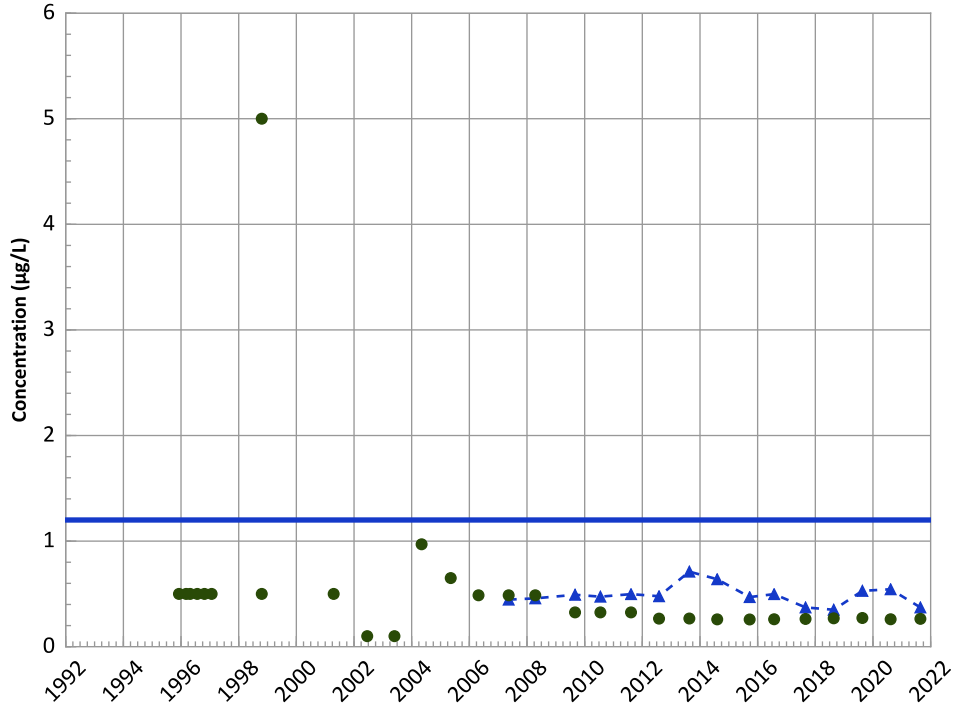


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

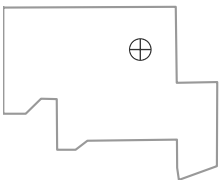
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

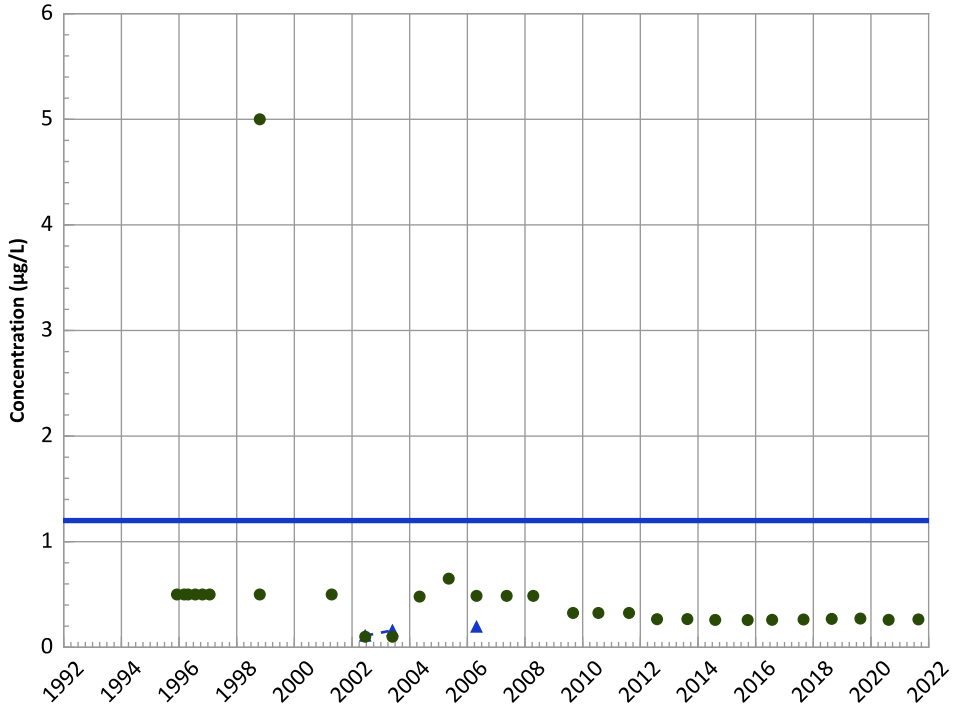
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

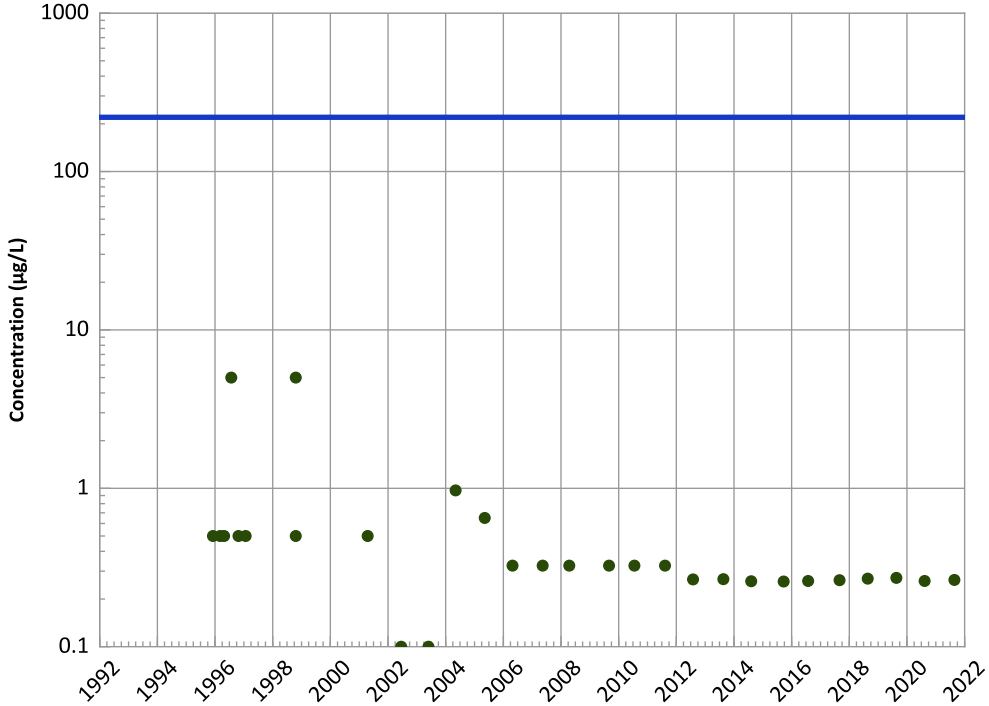


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

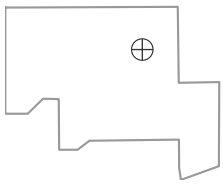
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

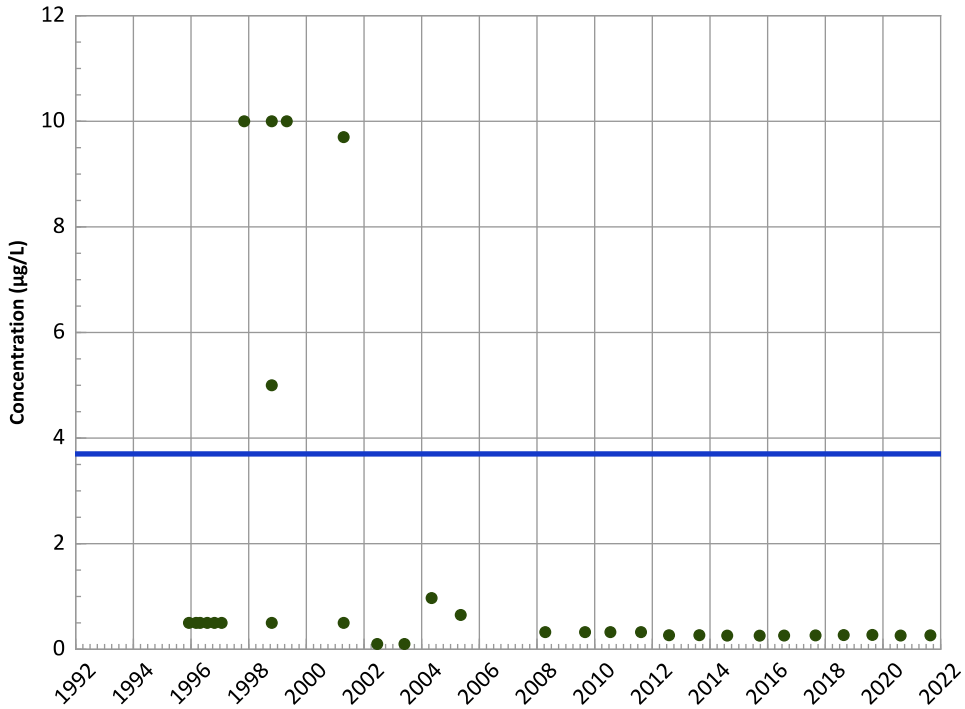
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

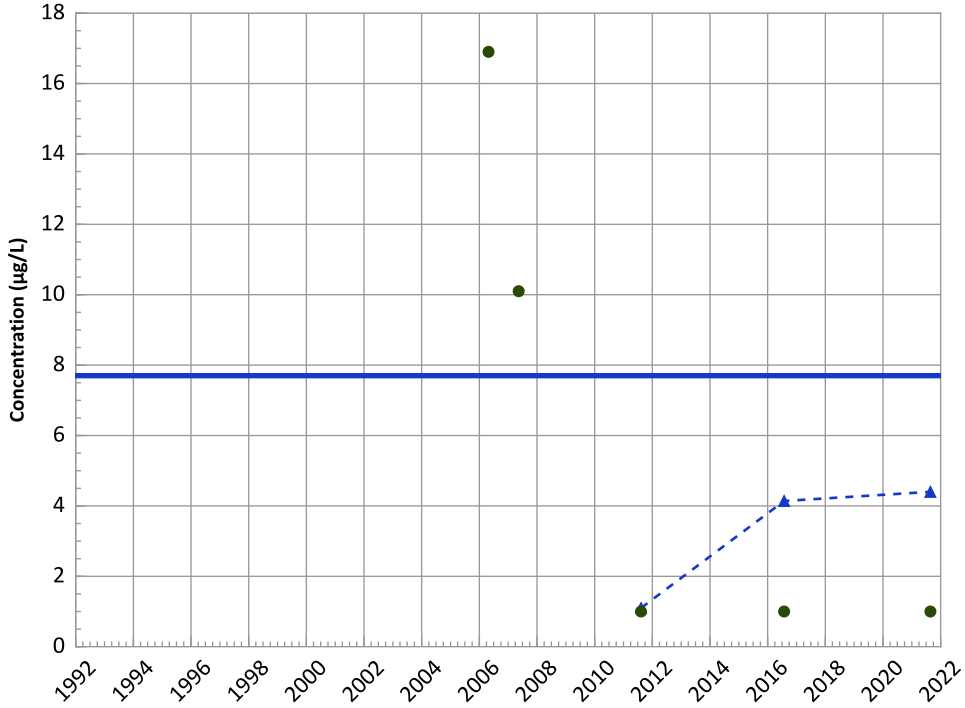


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

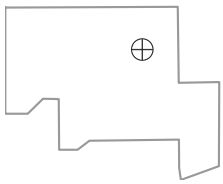
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

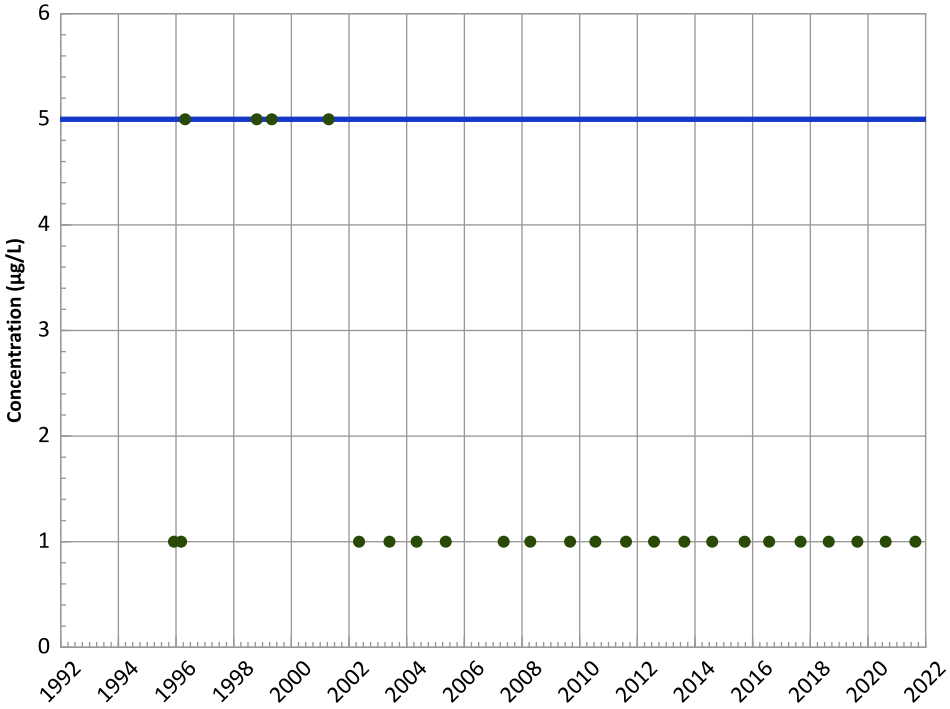
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

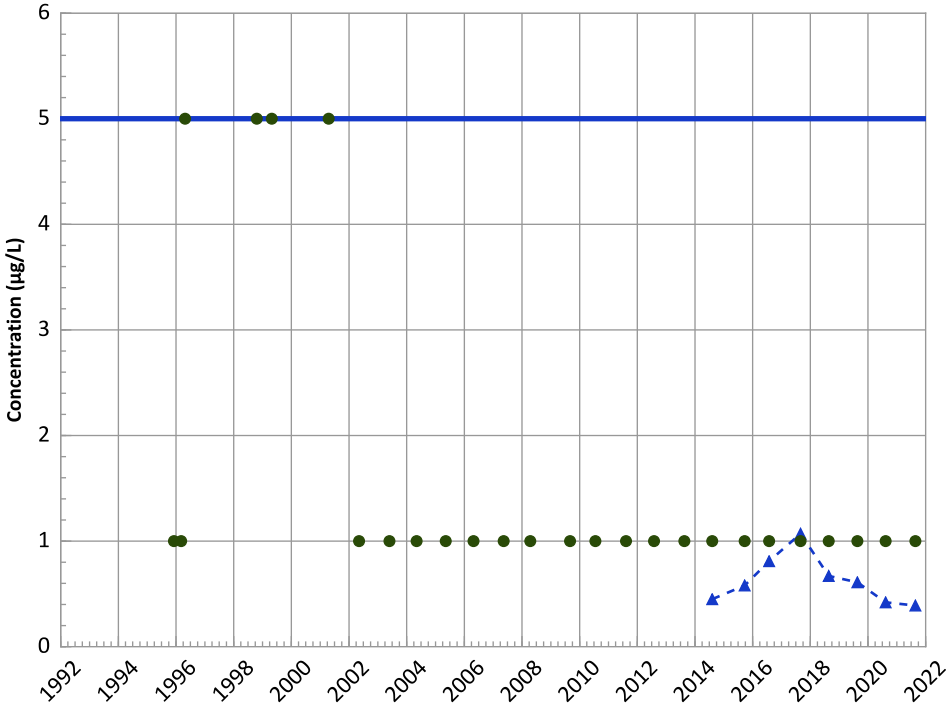


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

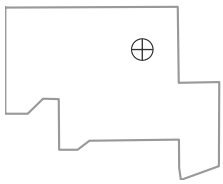
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

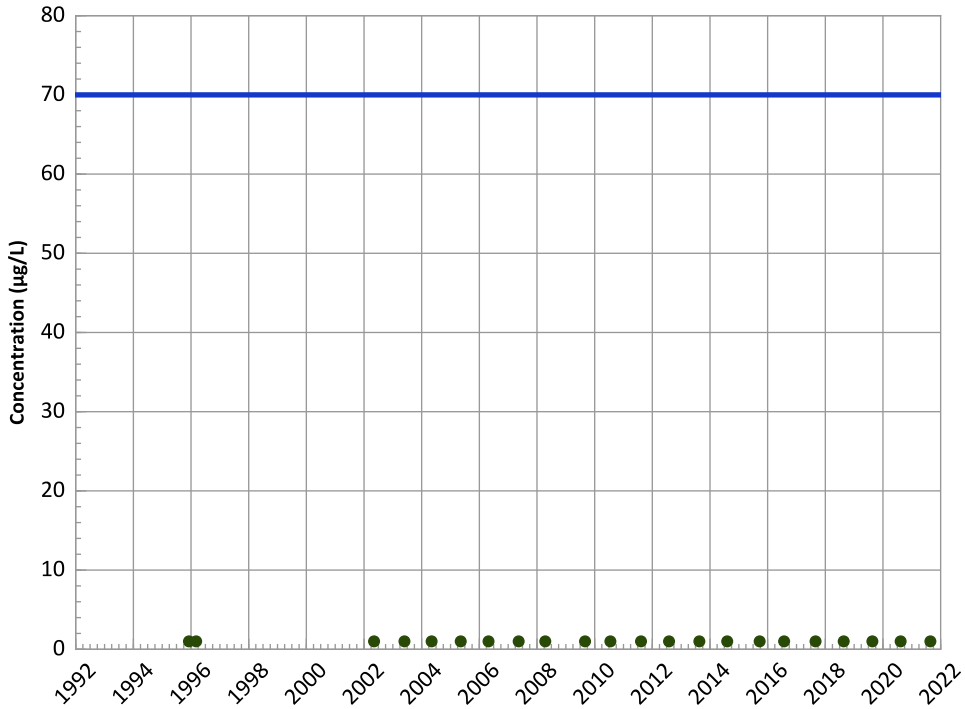
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

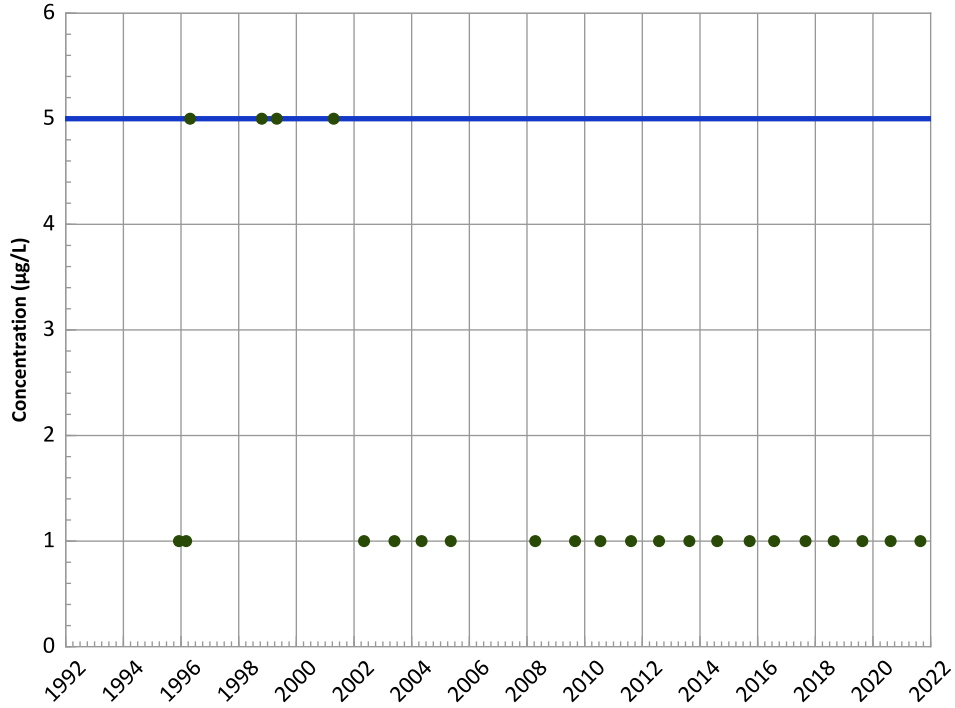


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

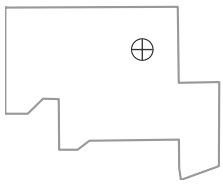
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

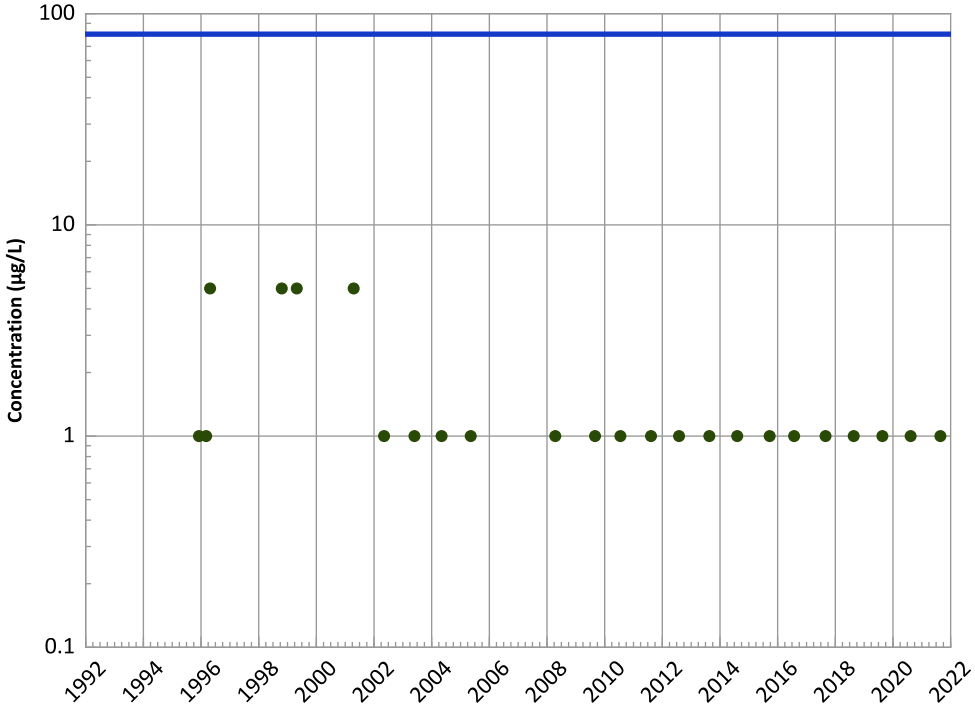
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

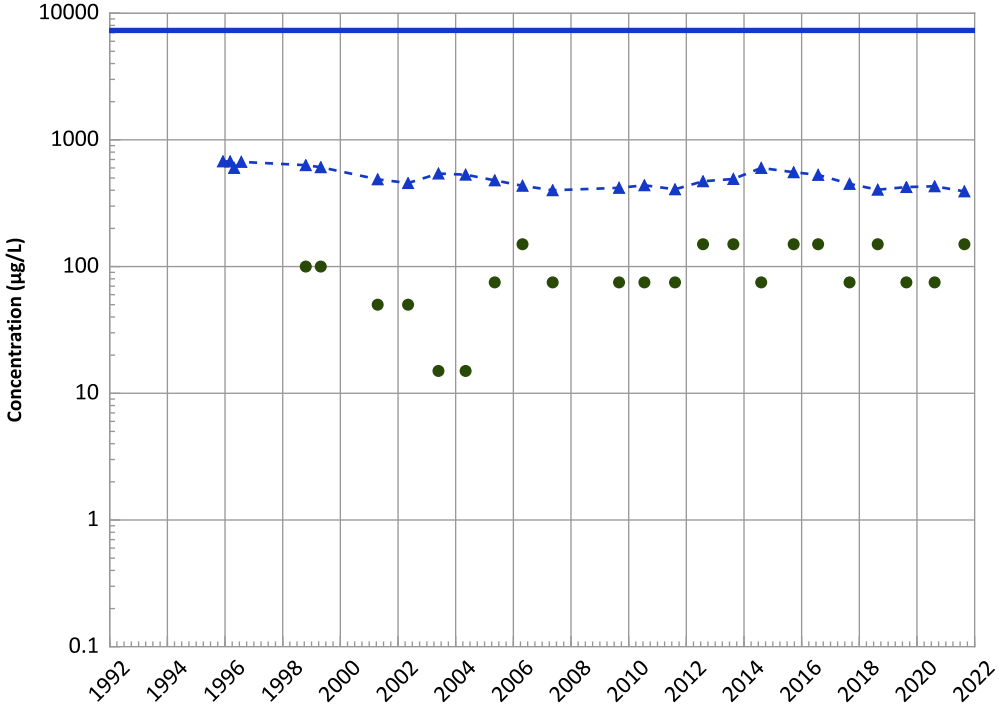


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

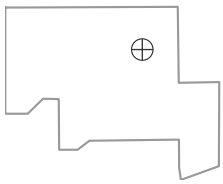
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

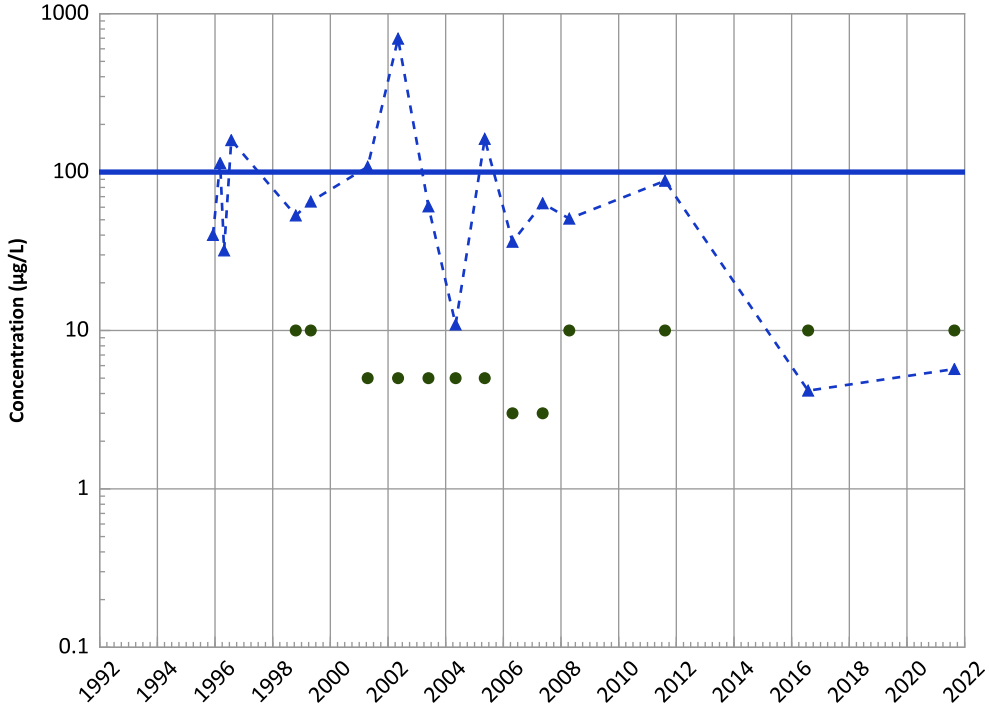
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

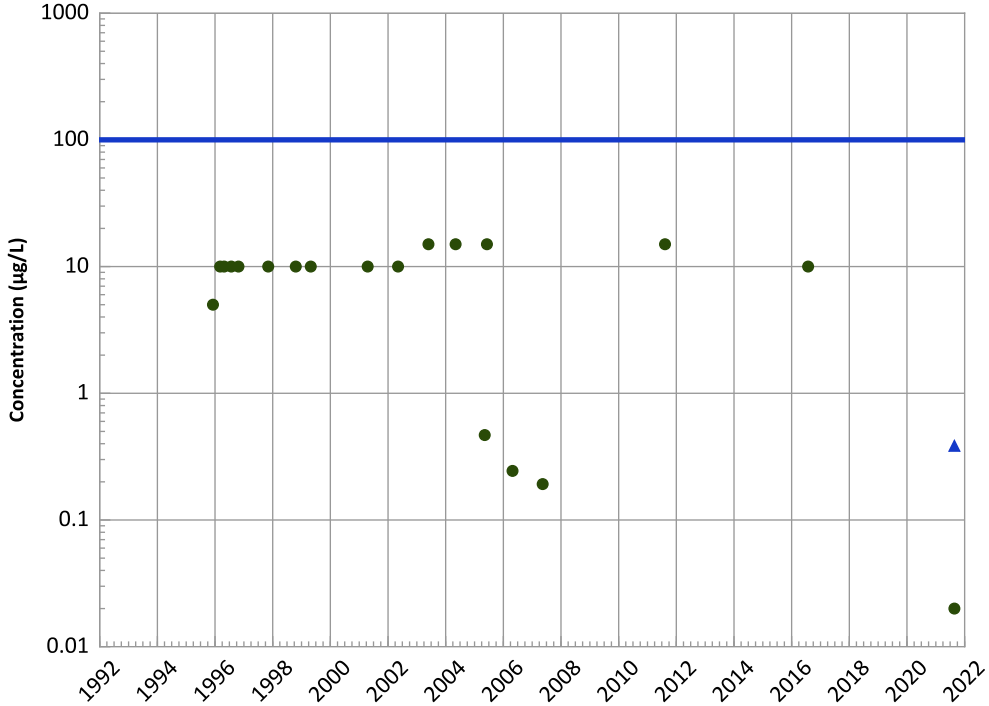


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

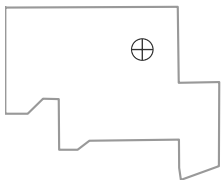
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

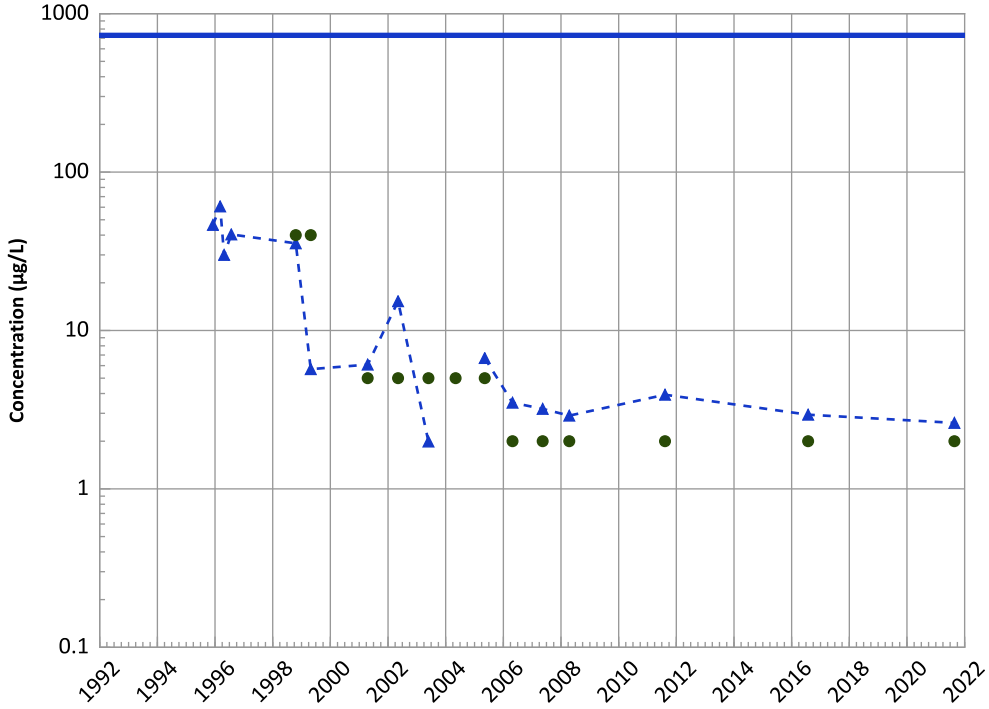
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

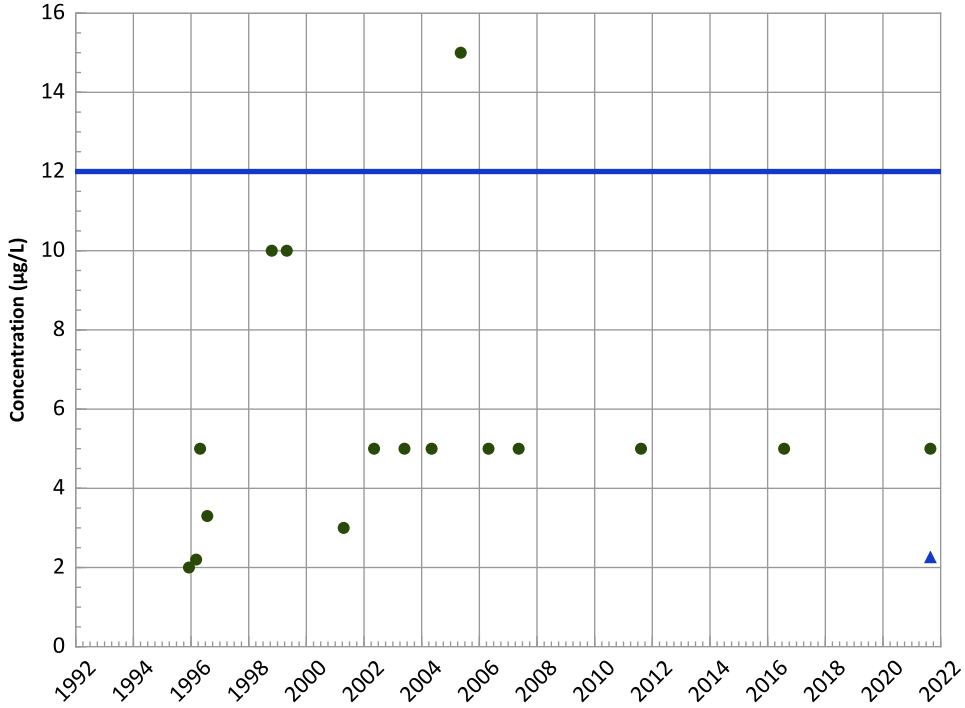


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Arsenic Trend



Concentration Trend

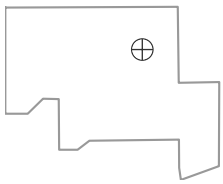
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

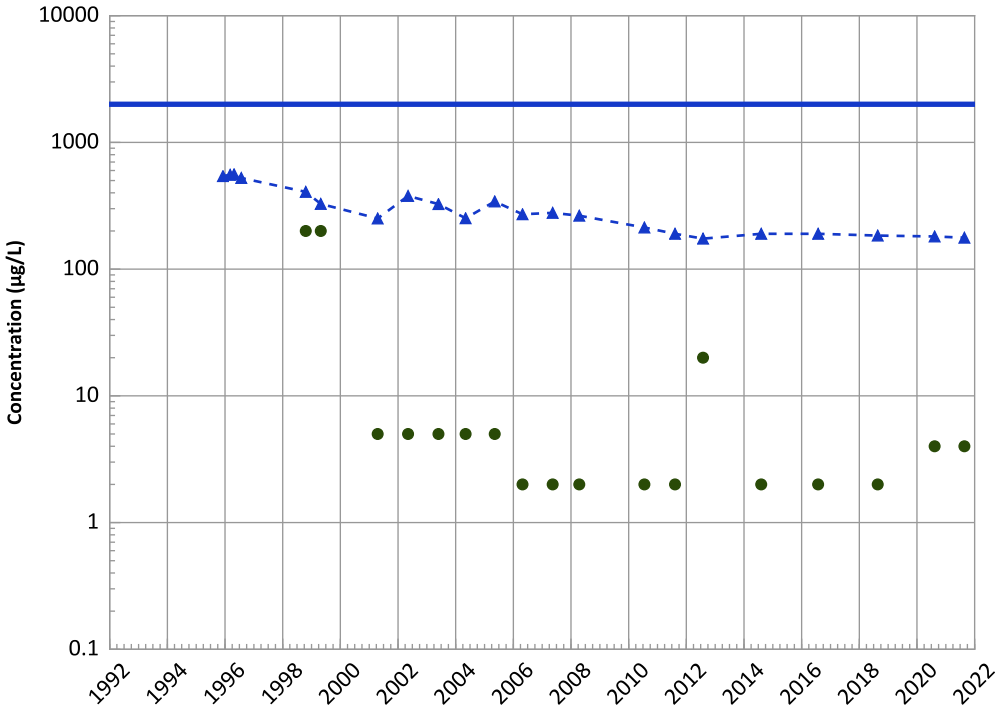
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1O03 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

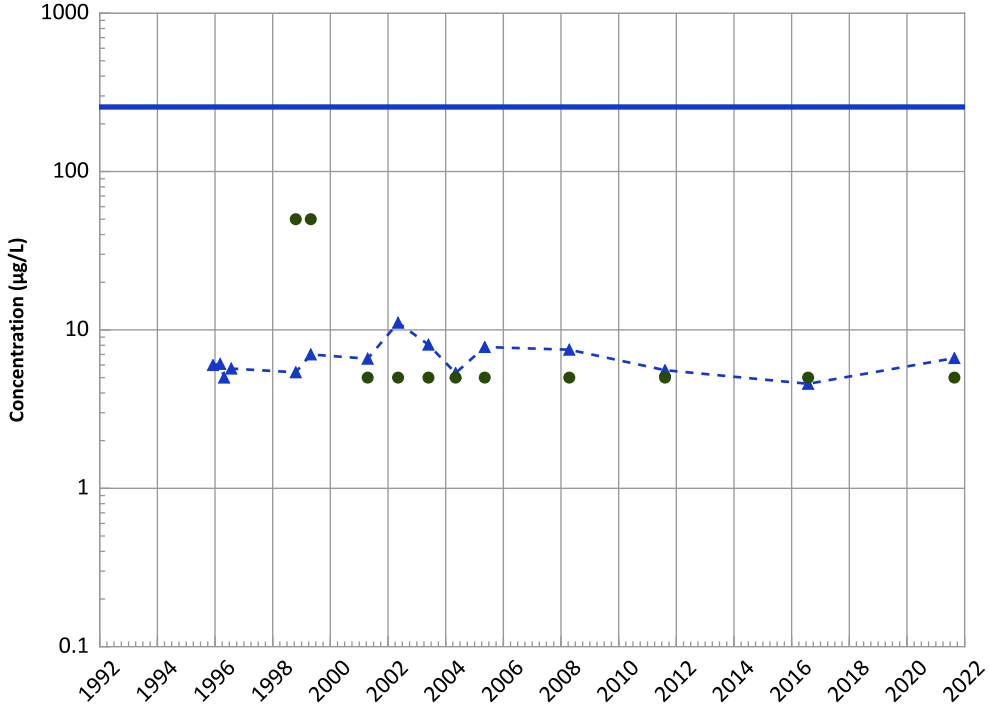


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Vanadium Trend



Concentration Trend

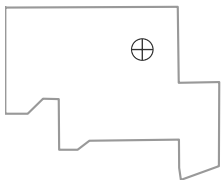
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

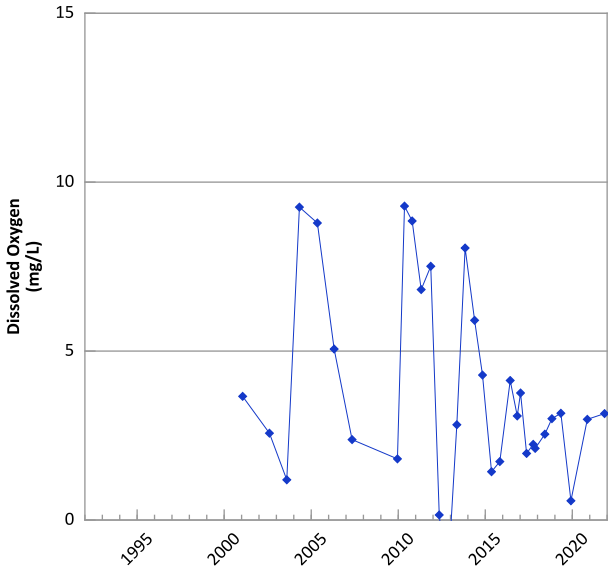
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/06/1995 to 08/24/2021
Analysis Date: 04/05/2022

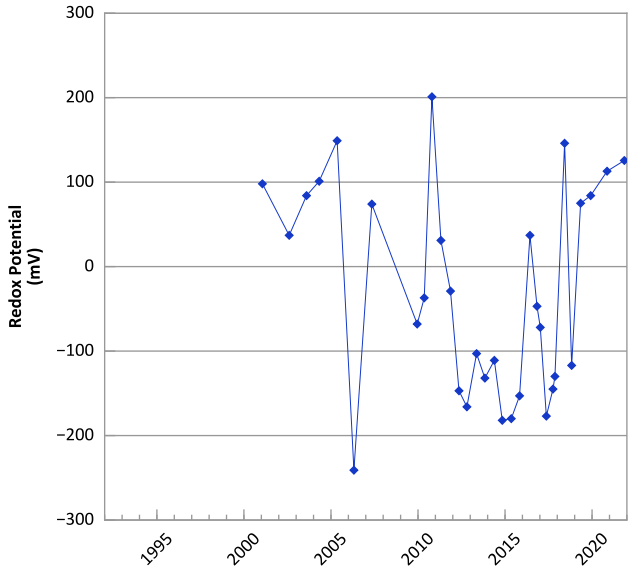
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

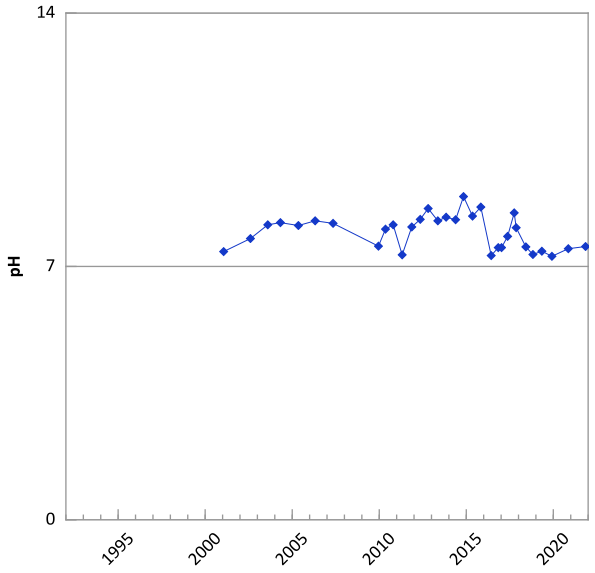
Well Location

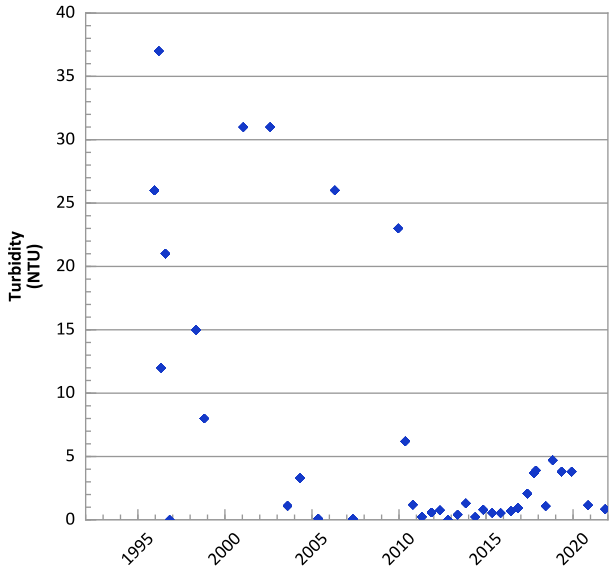


PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



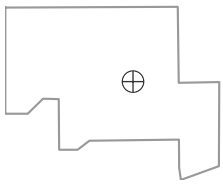






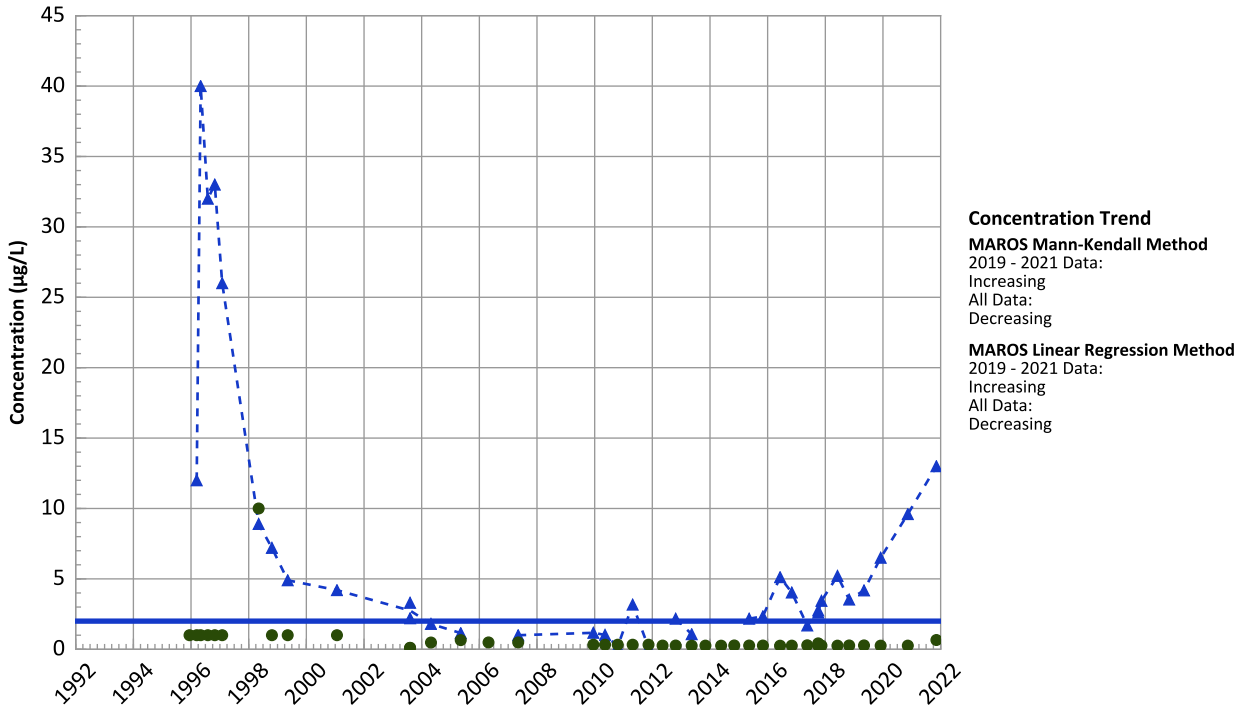
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

Well Location

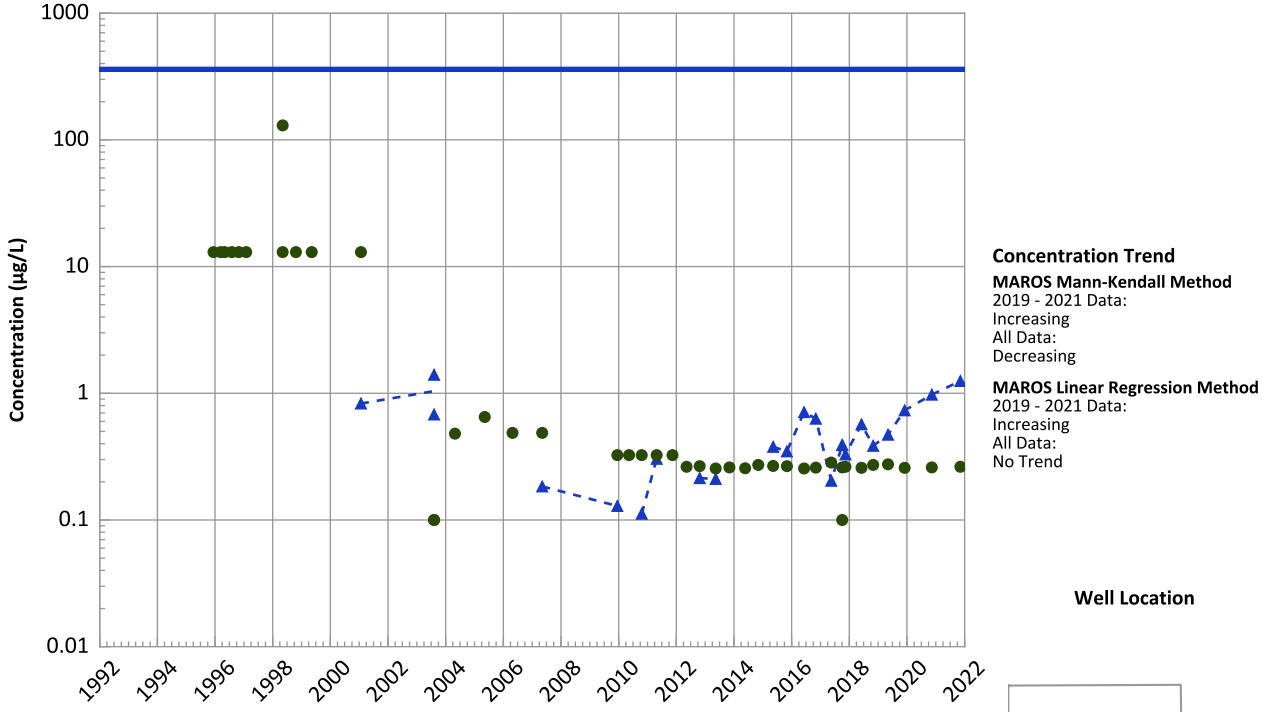


PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



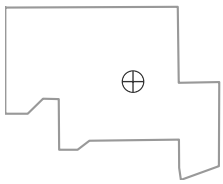
HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

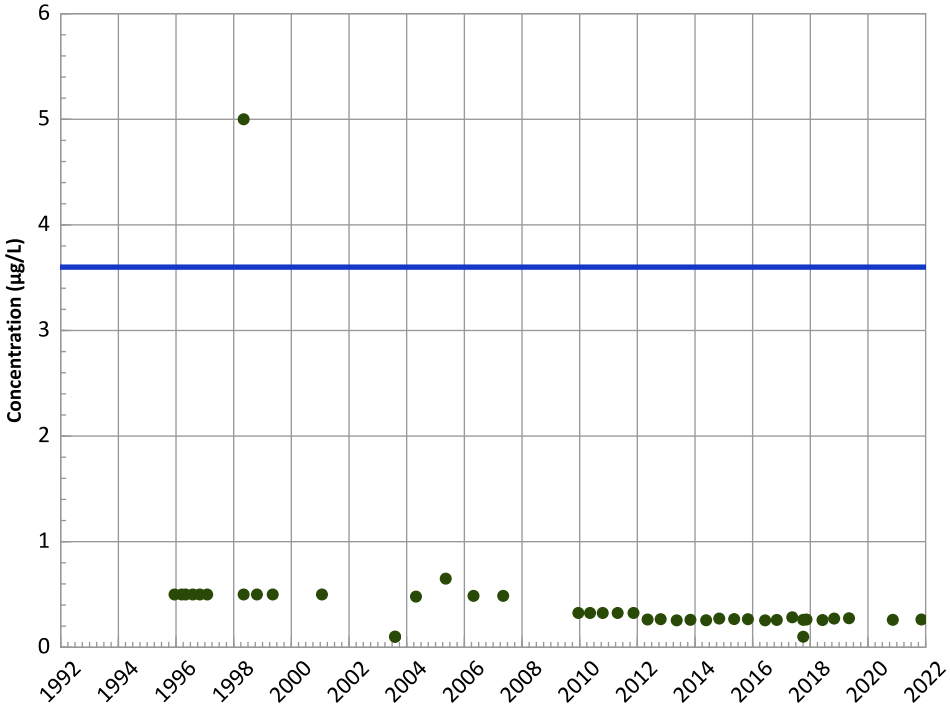
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

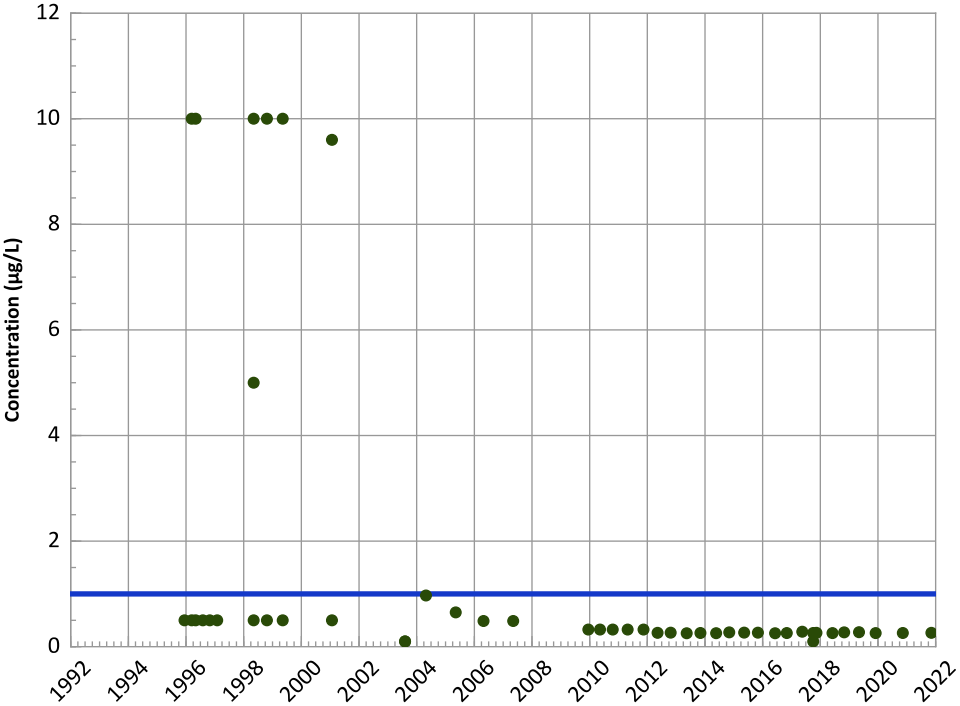


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

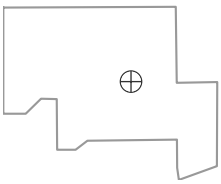
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

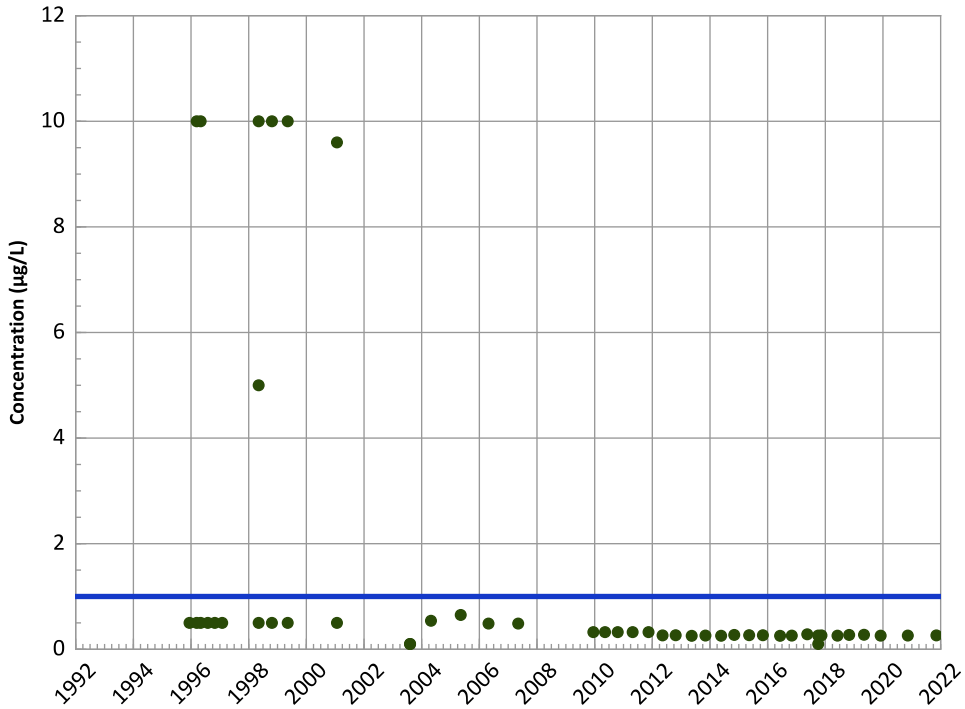
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

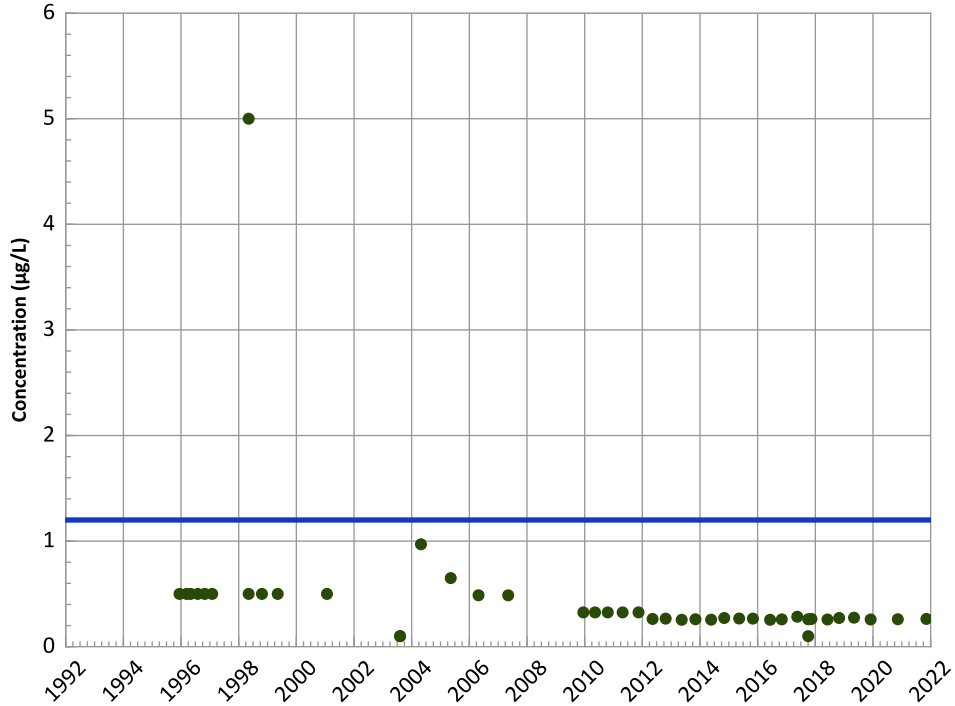


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

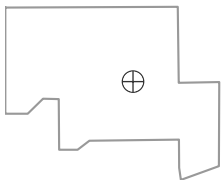
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

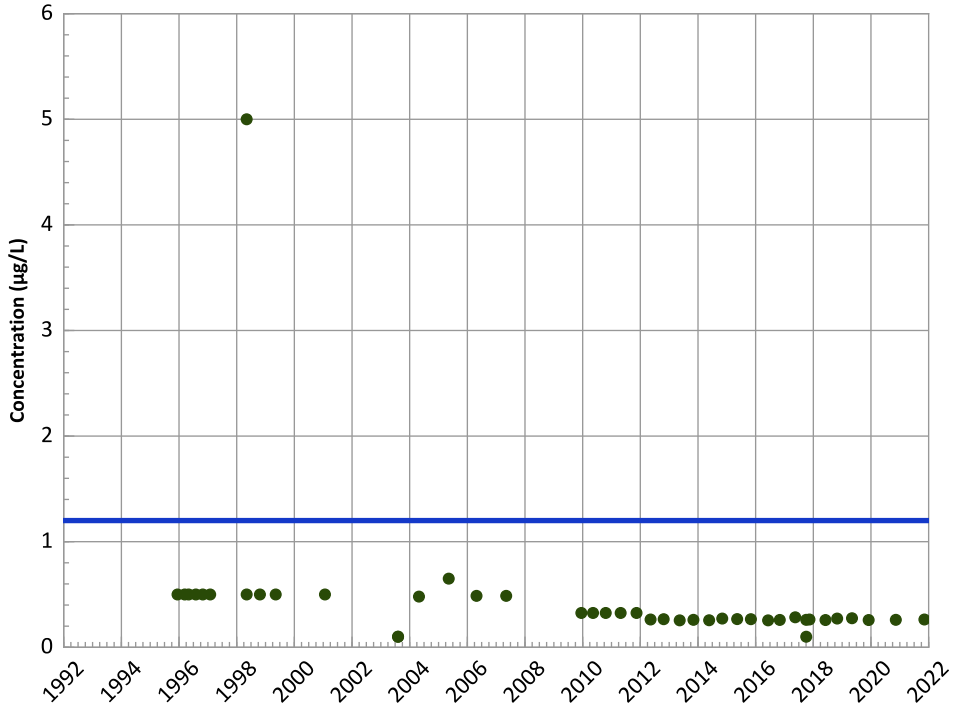
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

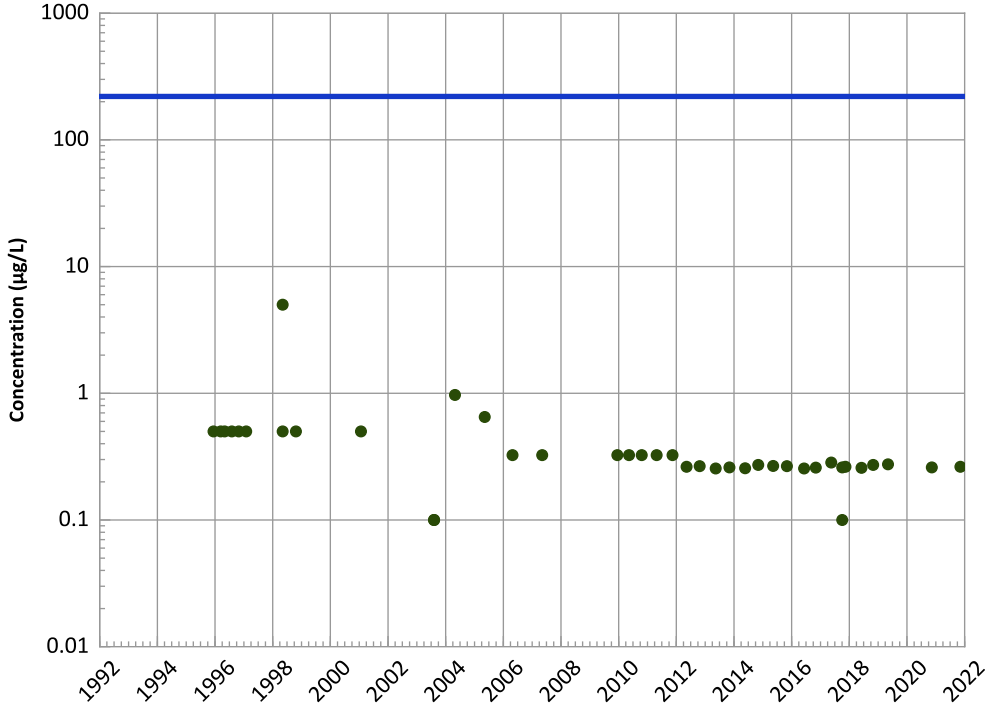


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

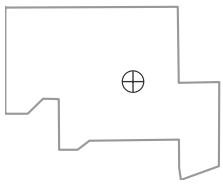
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

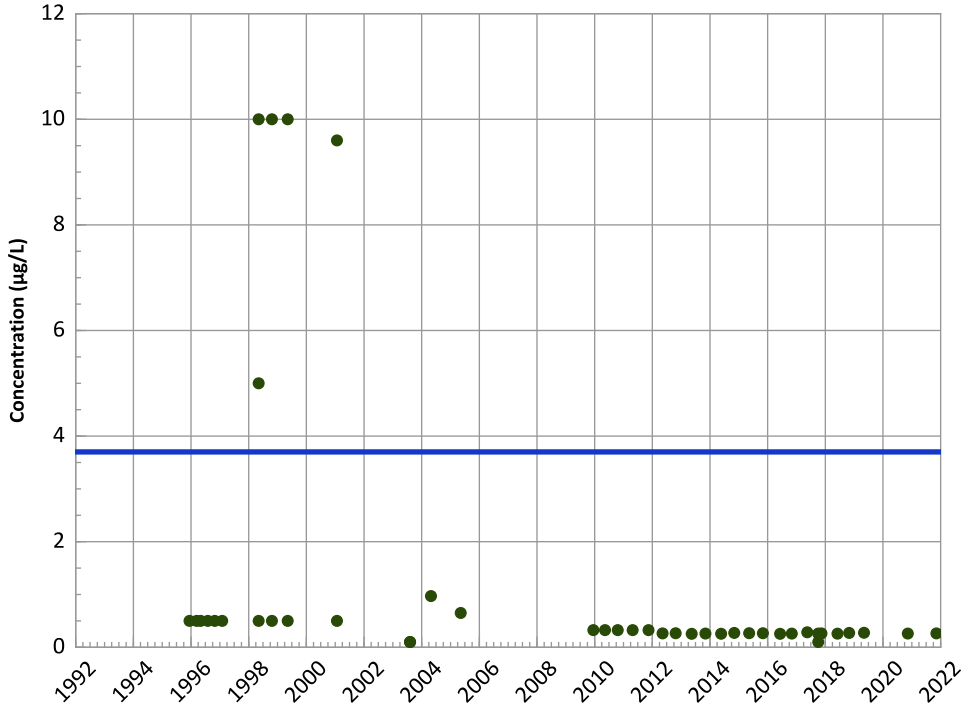
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

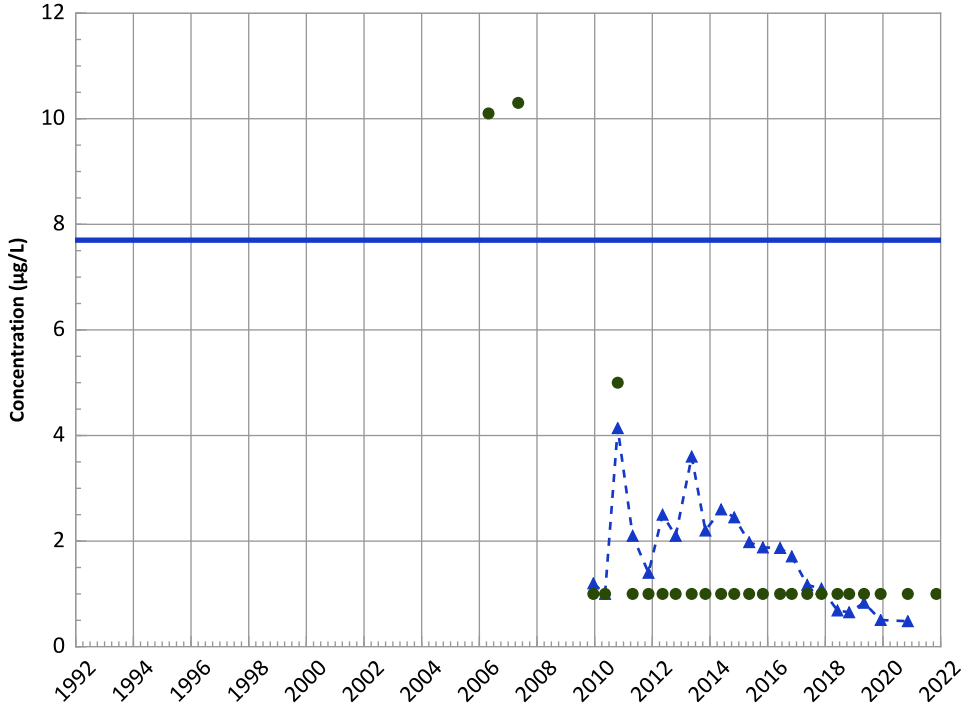


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

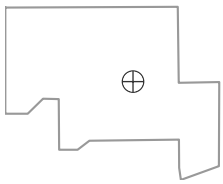
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

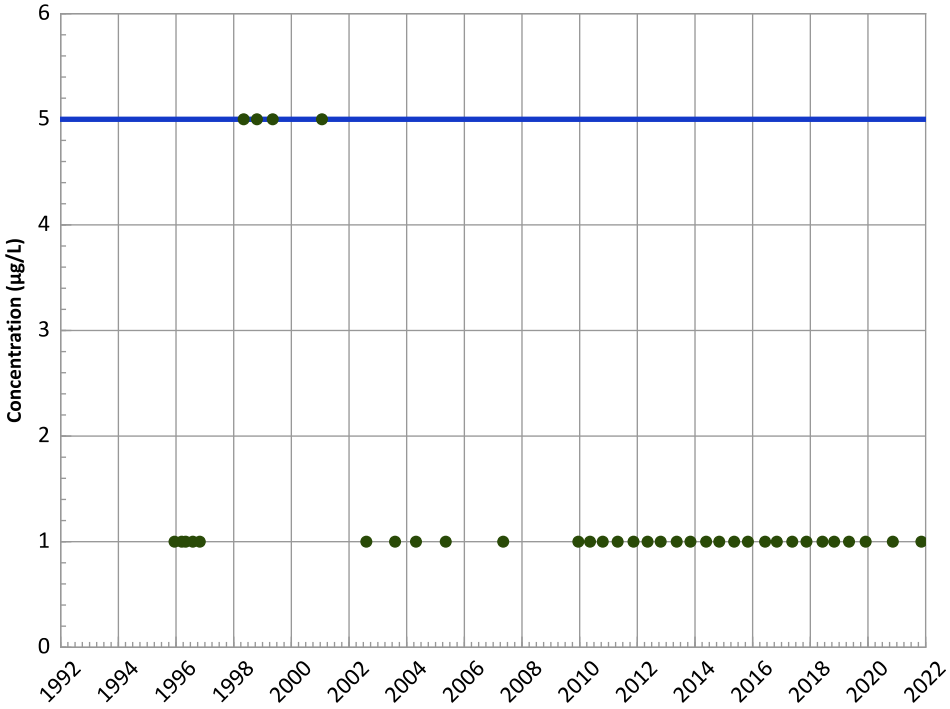
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

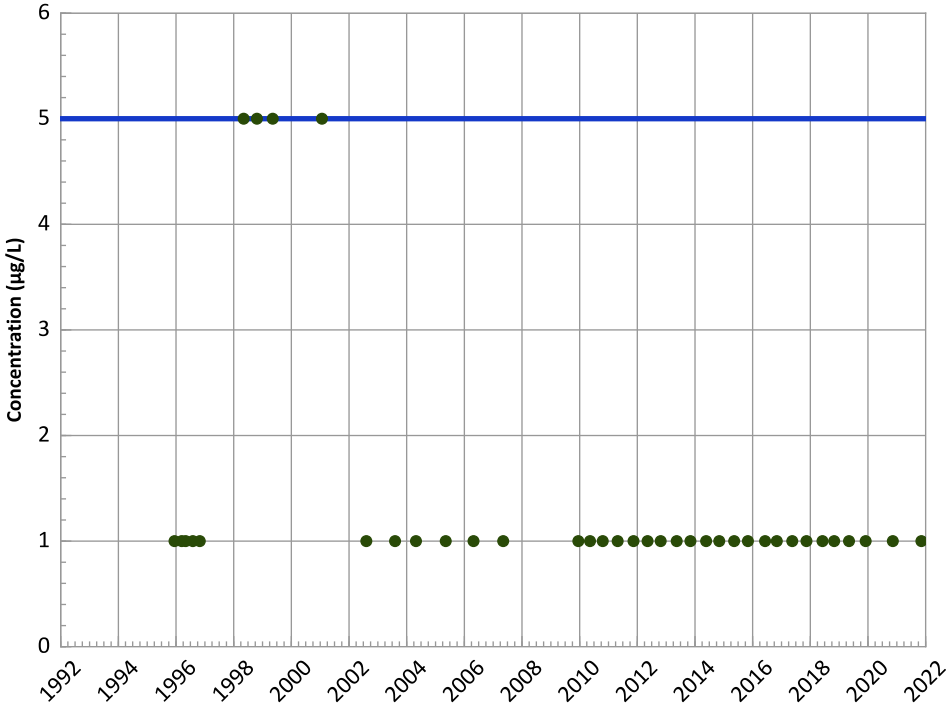


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

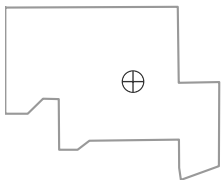
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

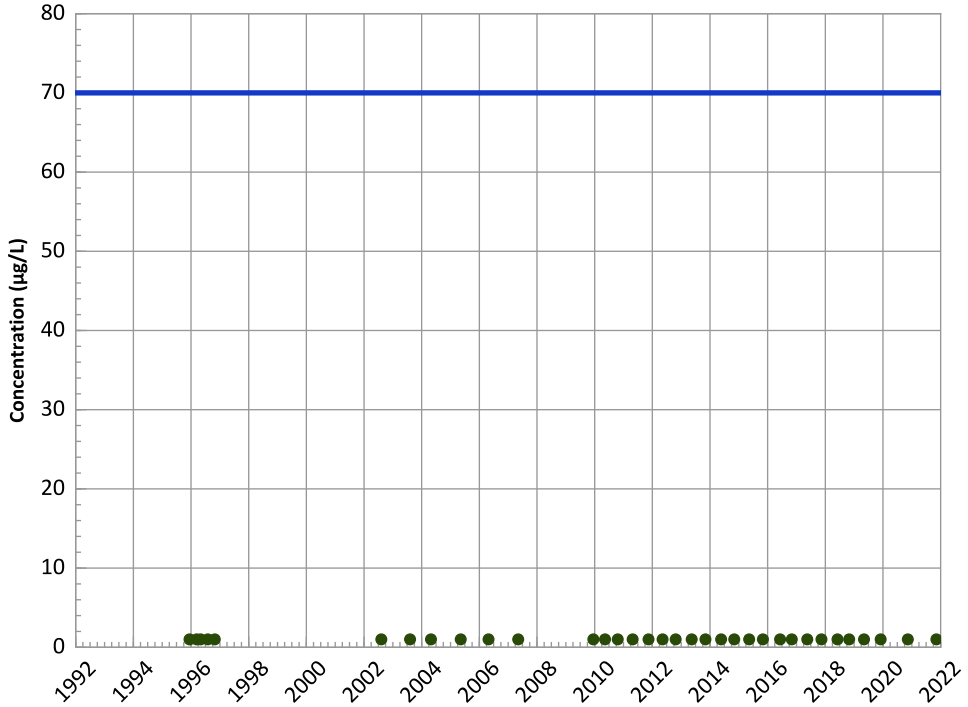
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

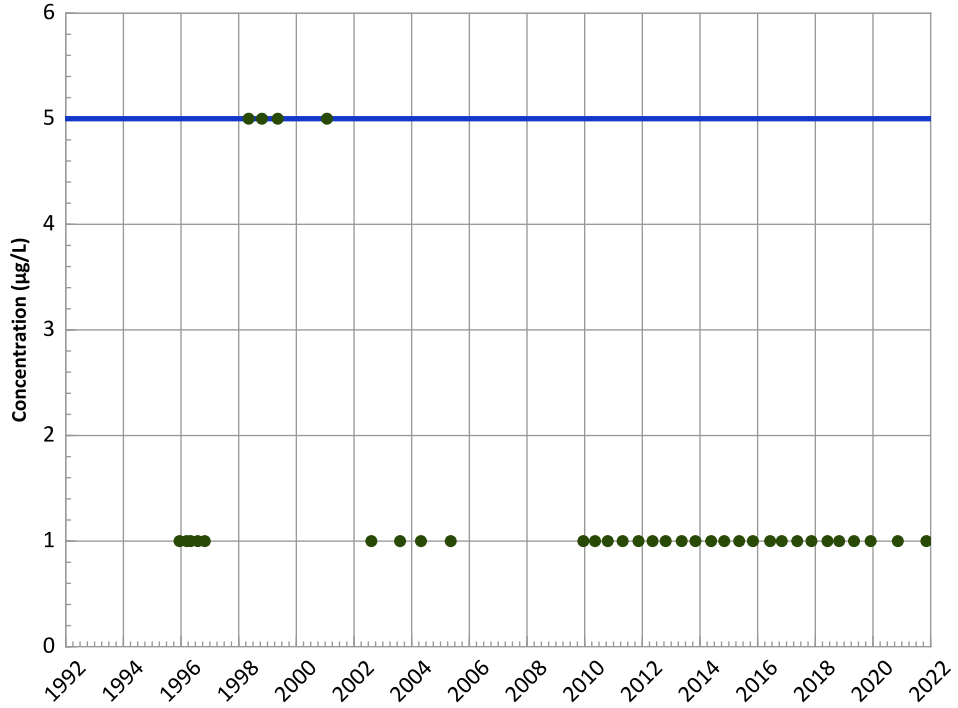


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

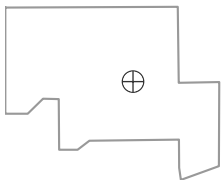
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

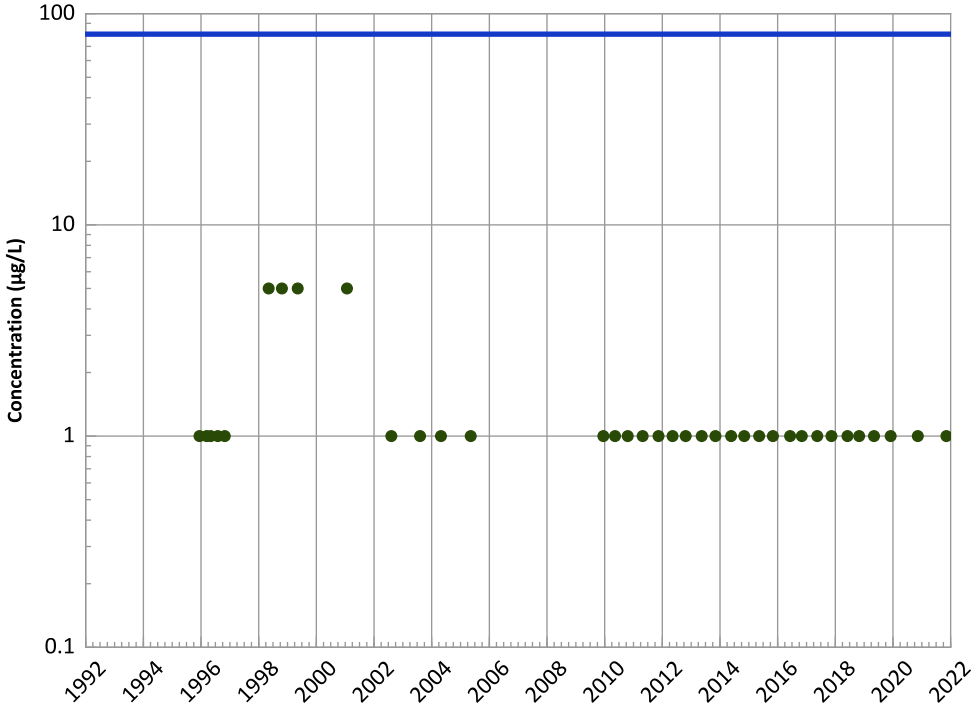
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

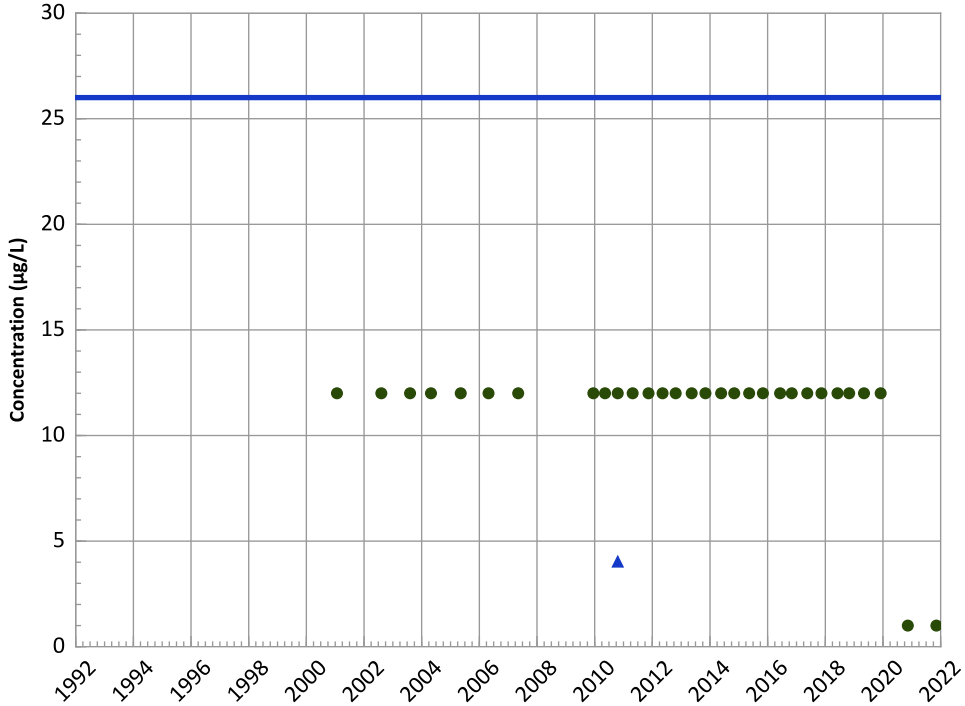


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

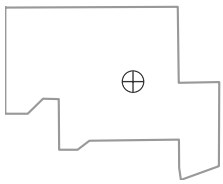
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

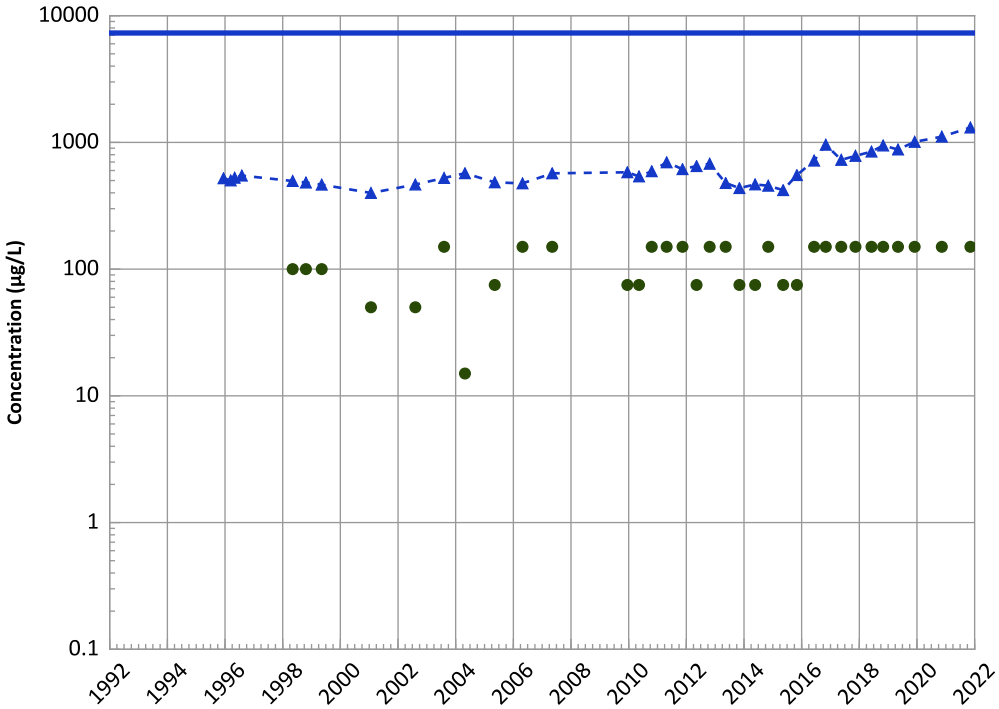
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

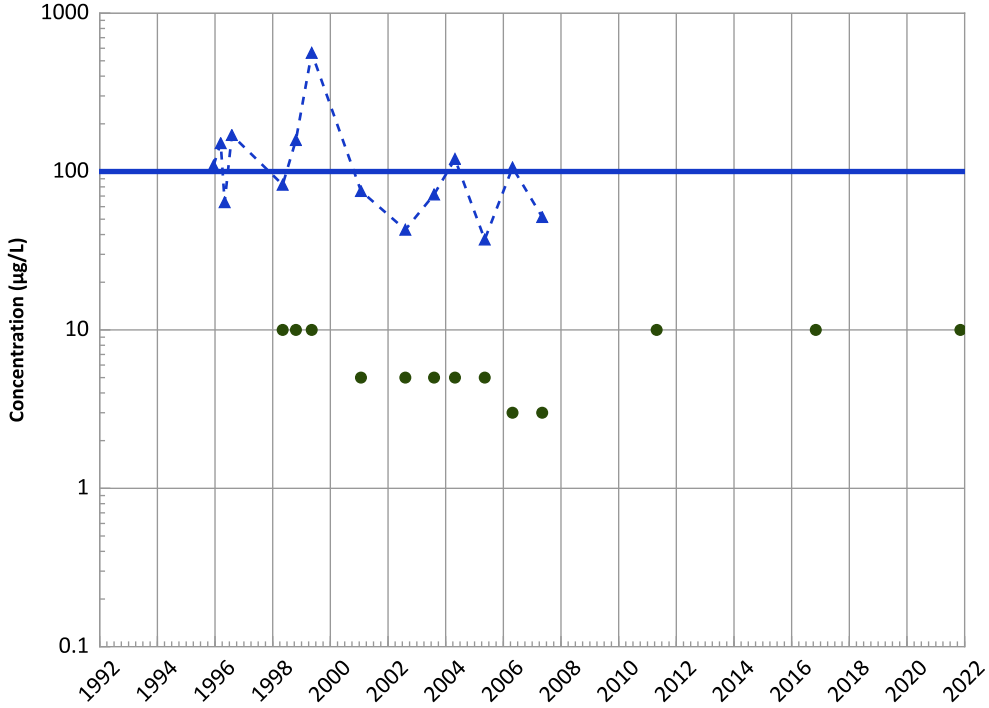


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

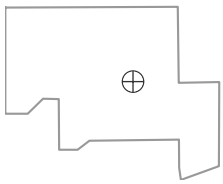
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

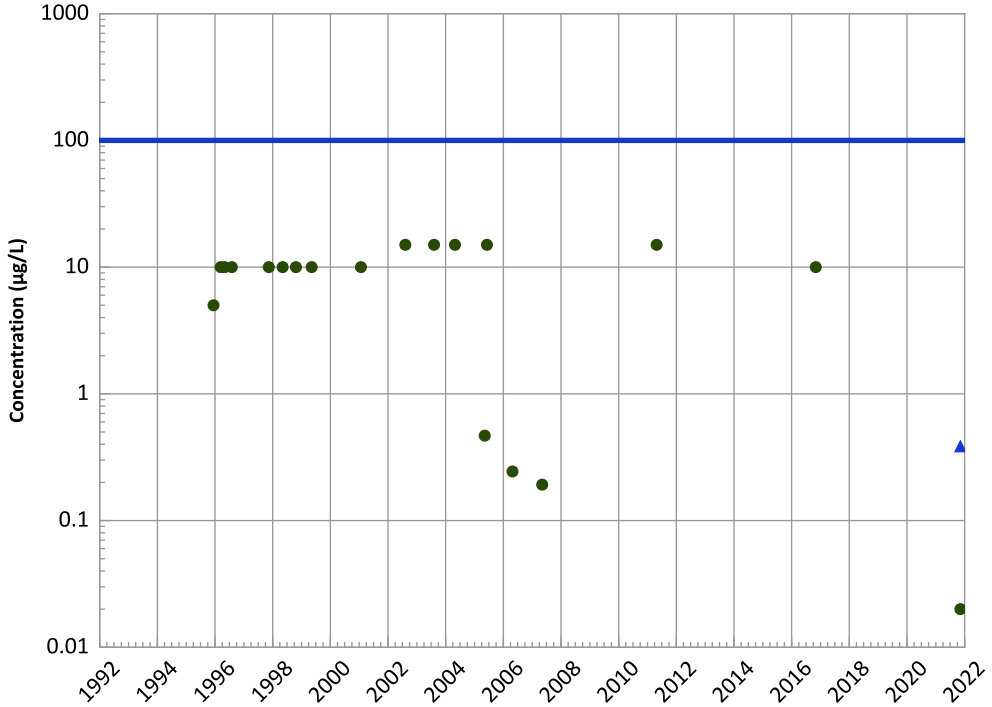
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

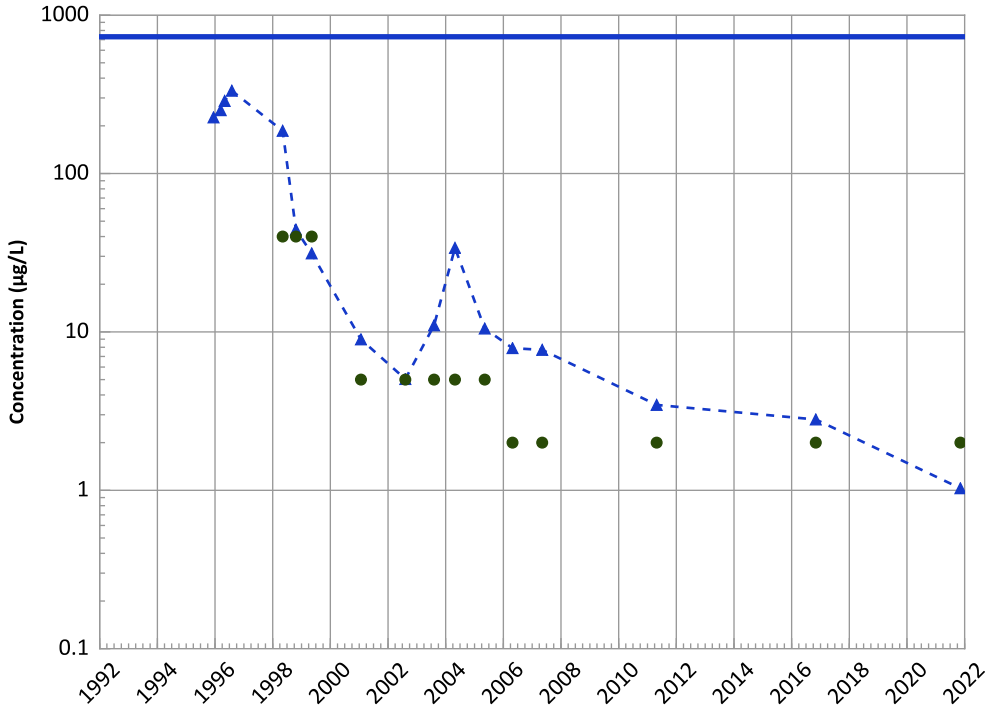


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Nickel Trend



Concentration Trend

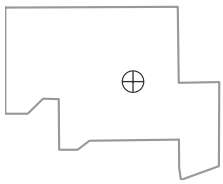
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

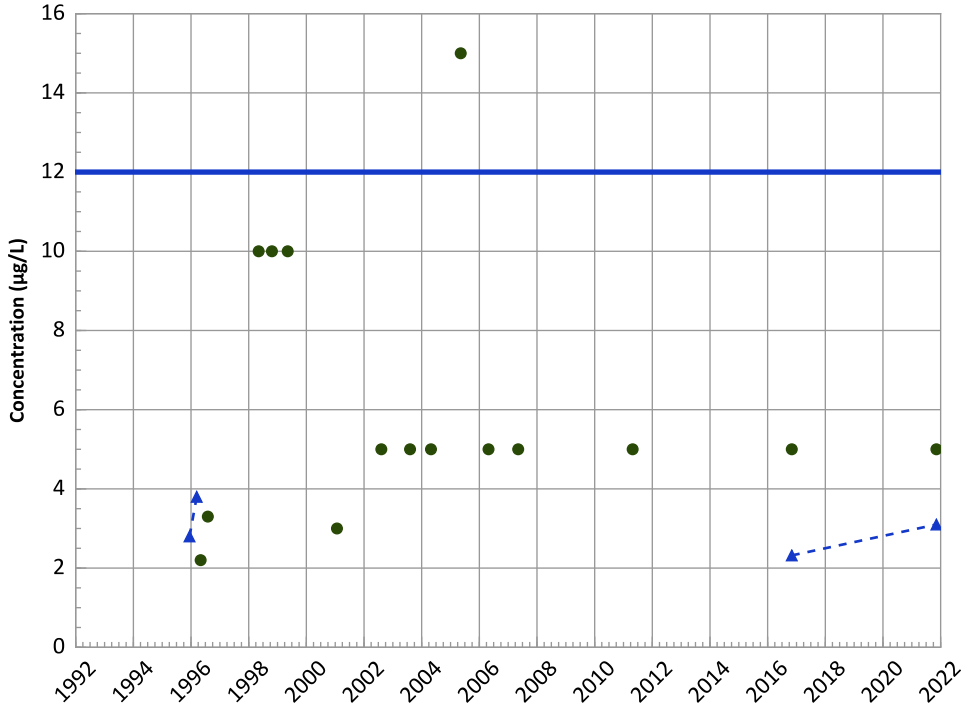
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

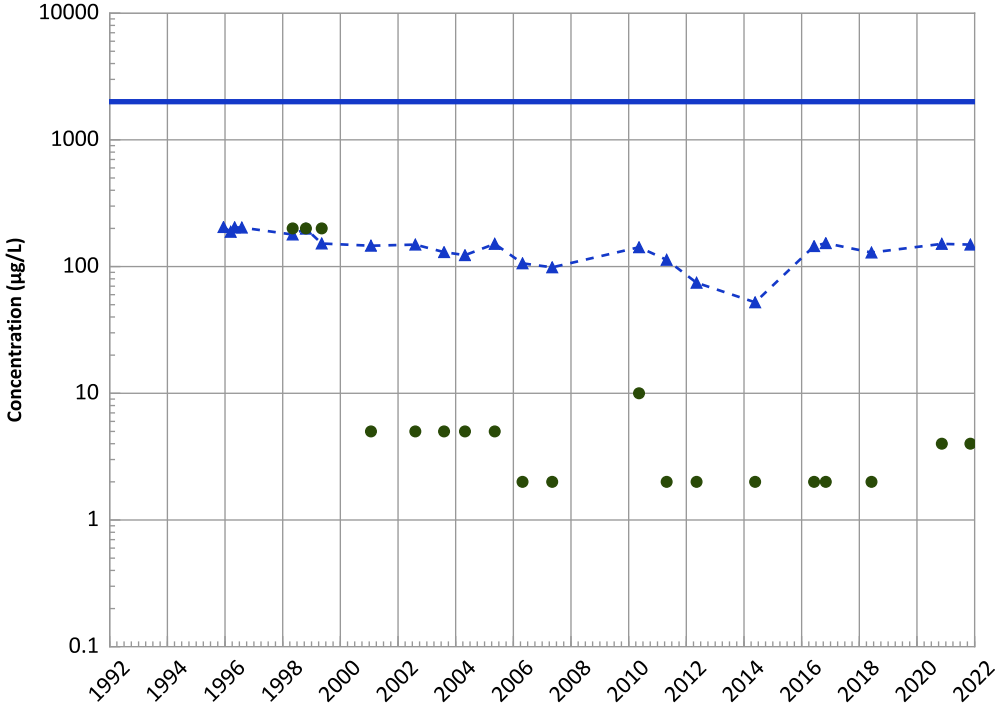


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Barium Trend



Concentration Trend

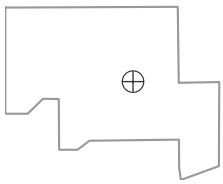
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

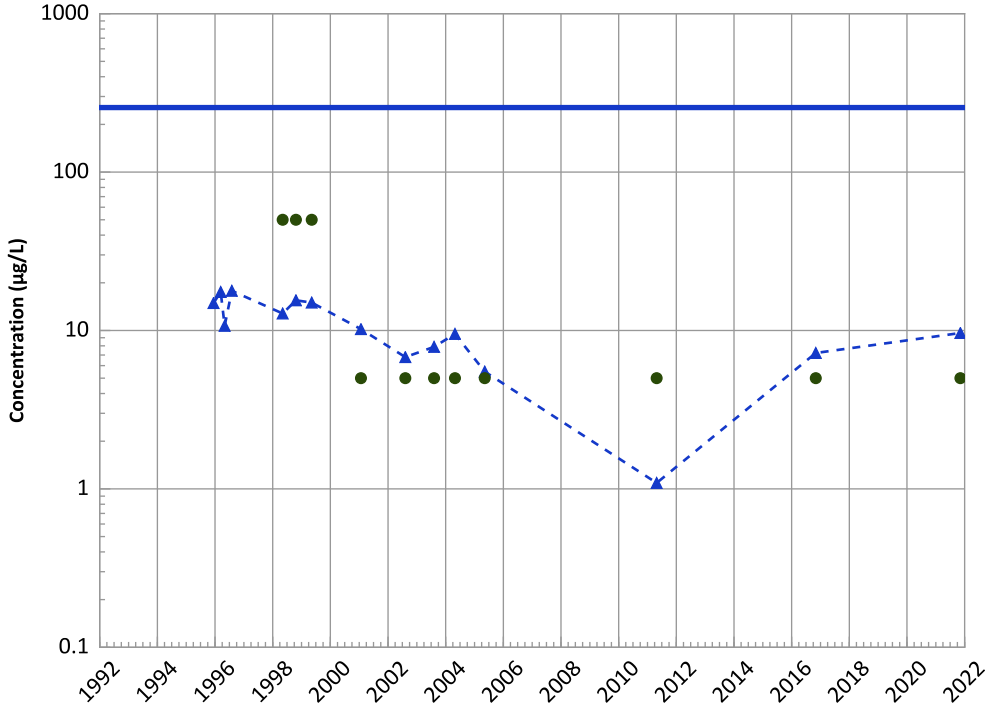
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1P02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

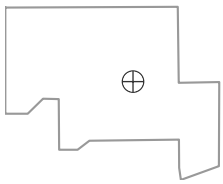
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

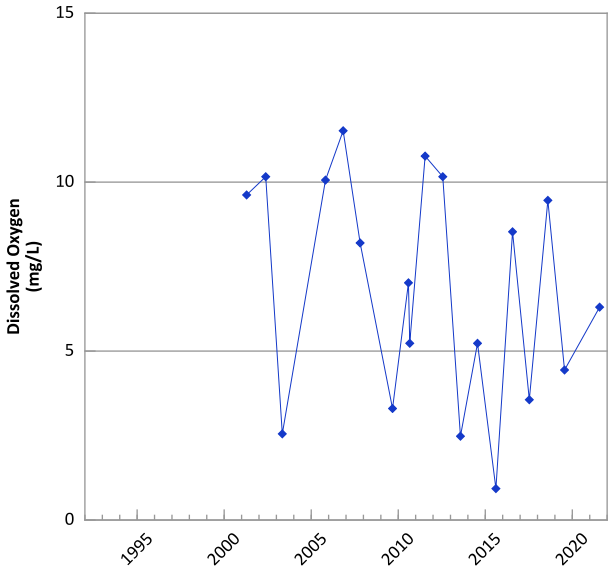
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/13/1995 to 11/08/2021
Analysis Date: 04/05/2022

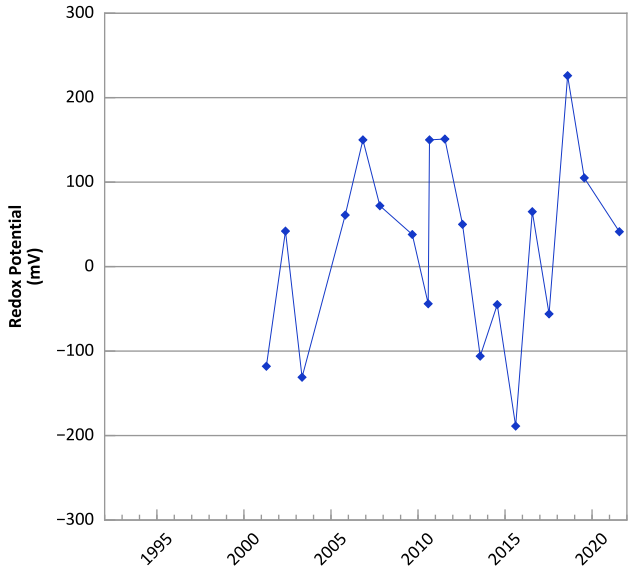
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

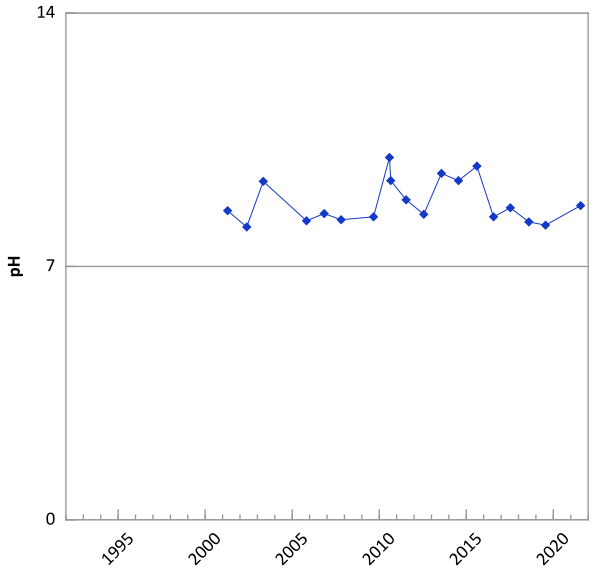
Well Location

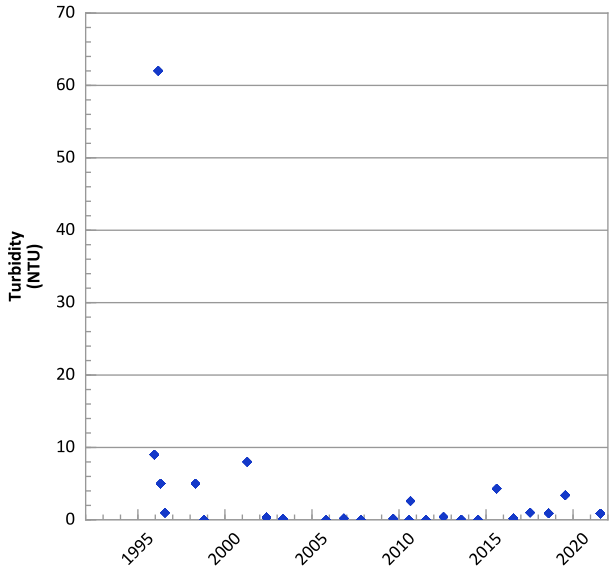


PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



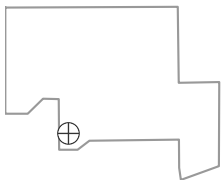






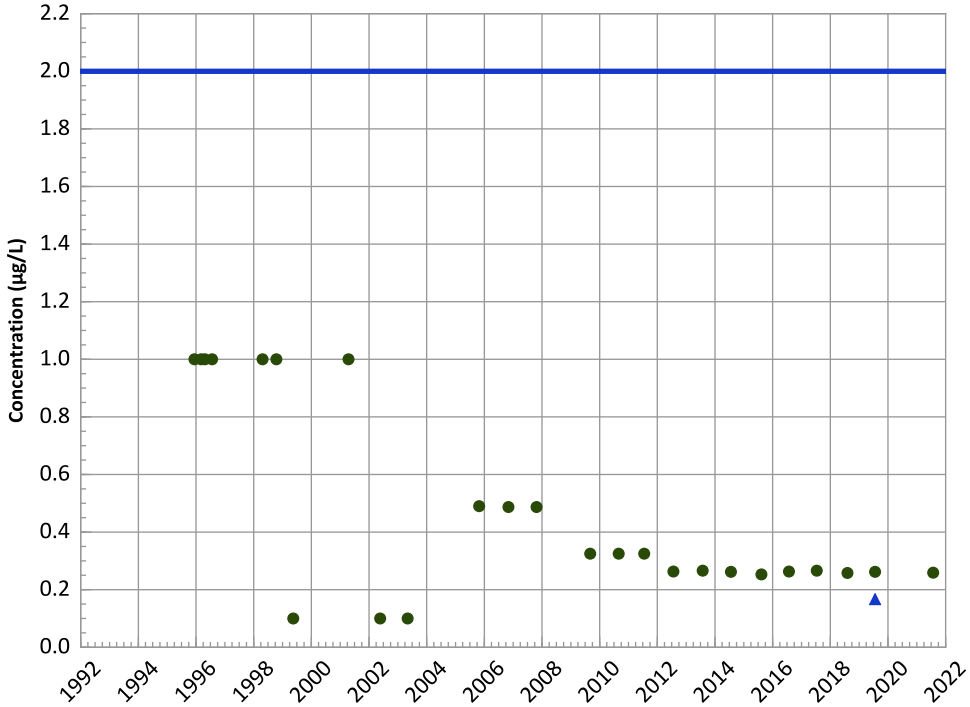
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

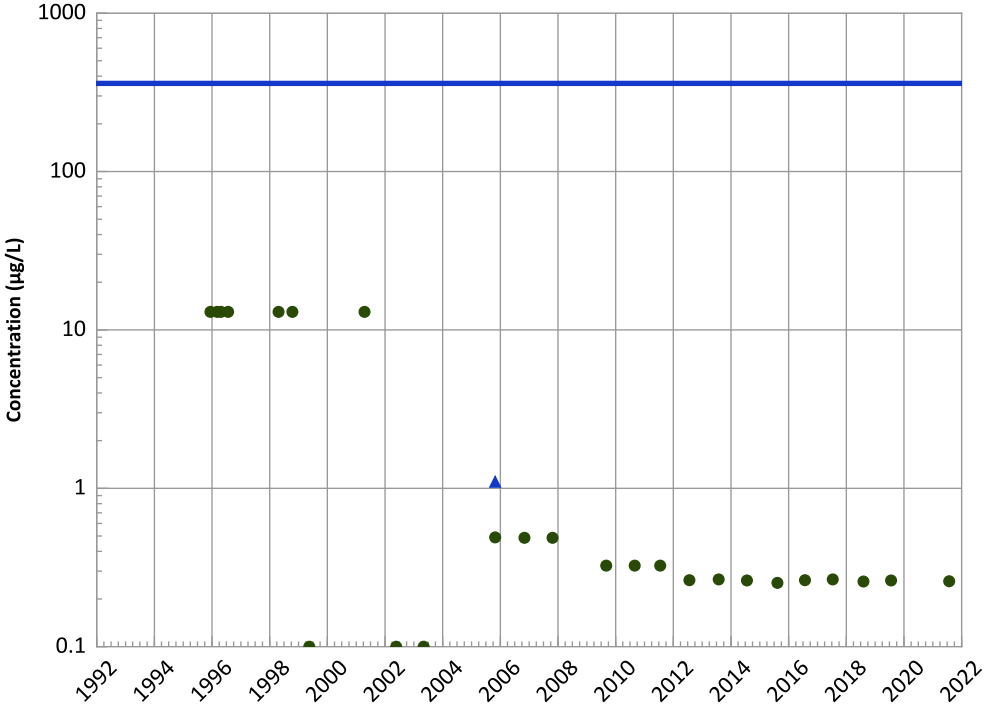


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

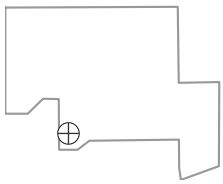
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

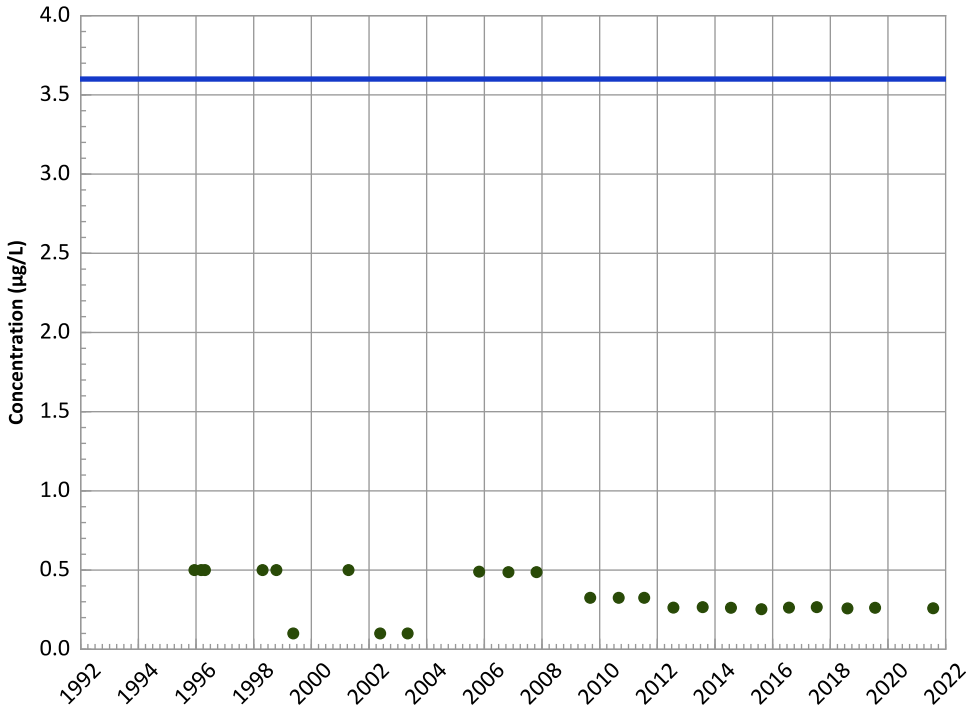
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

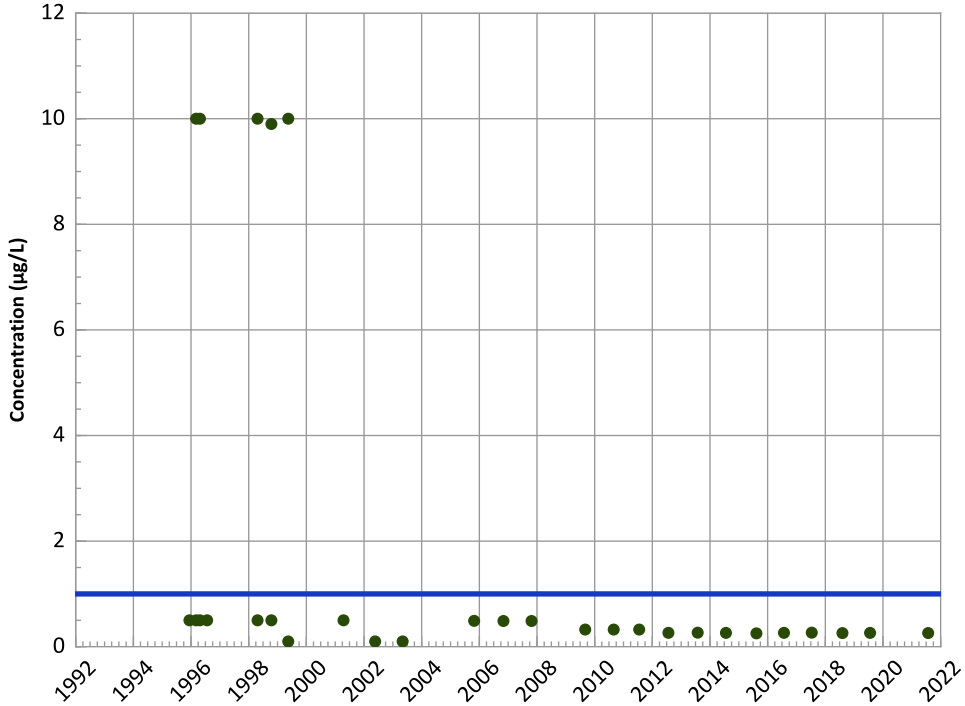


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

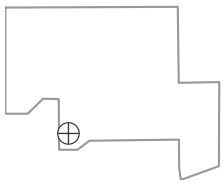
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

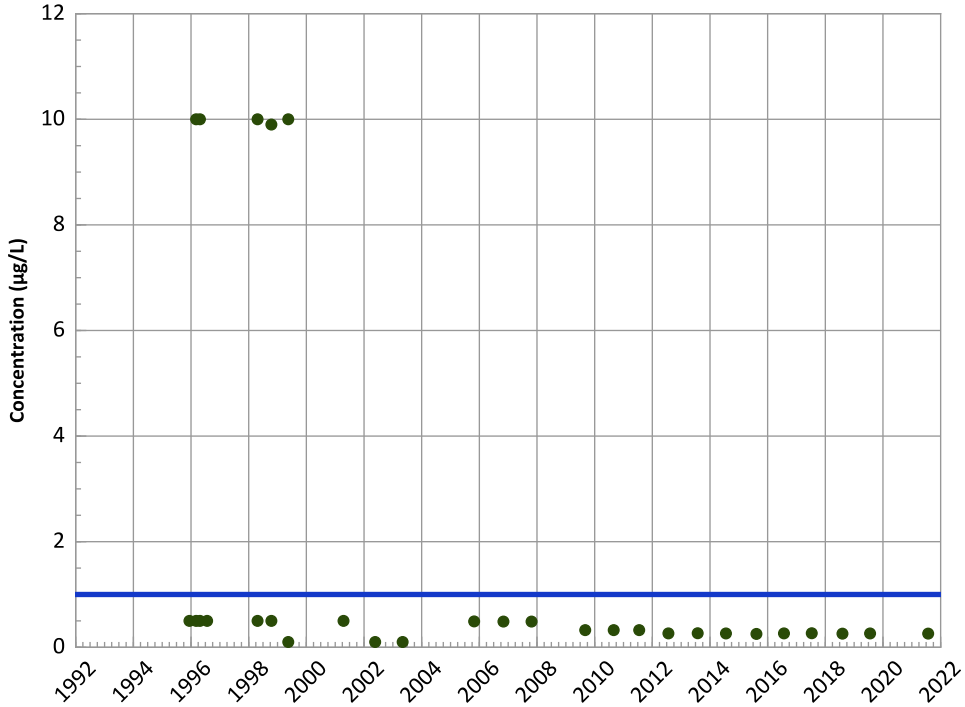
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

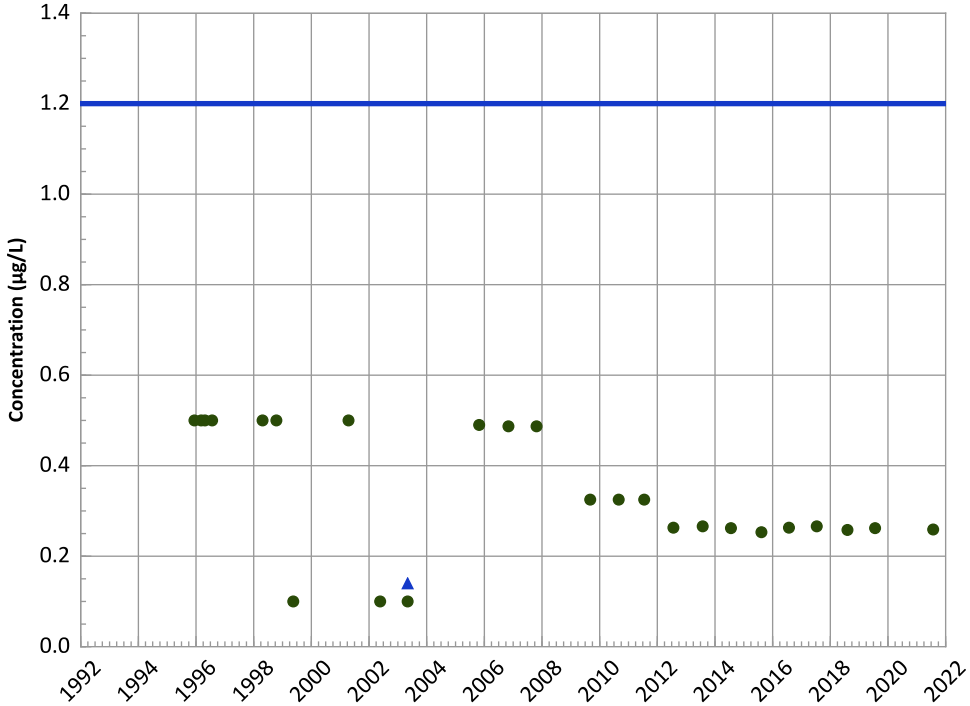


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

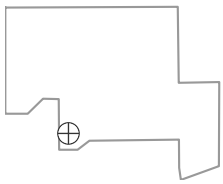
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

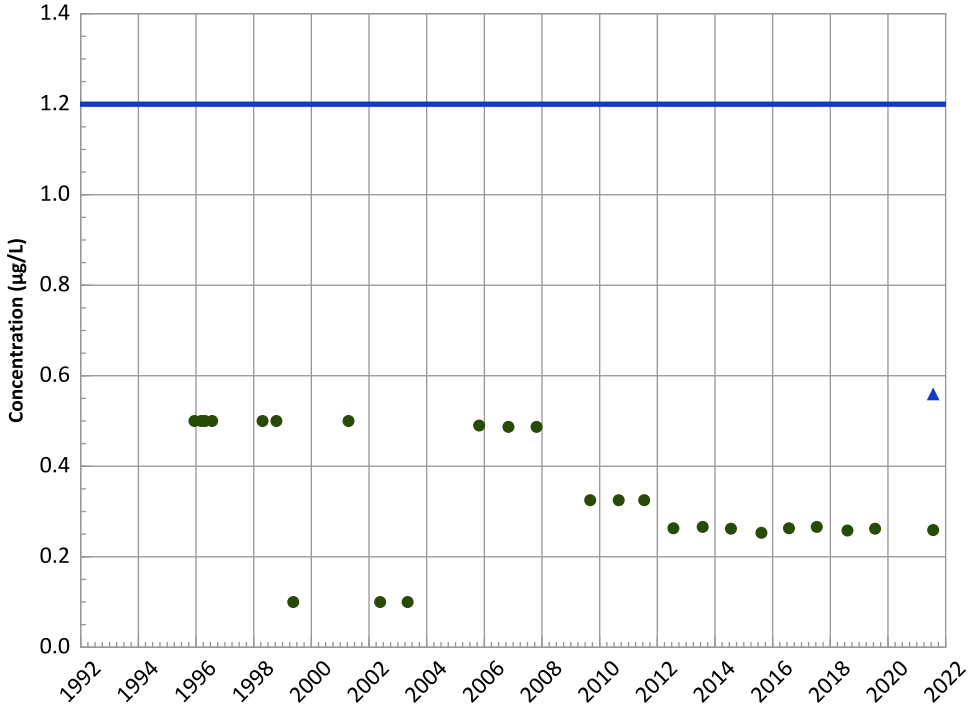
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

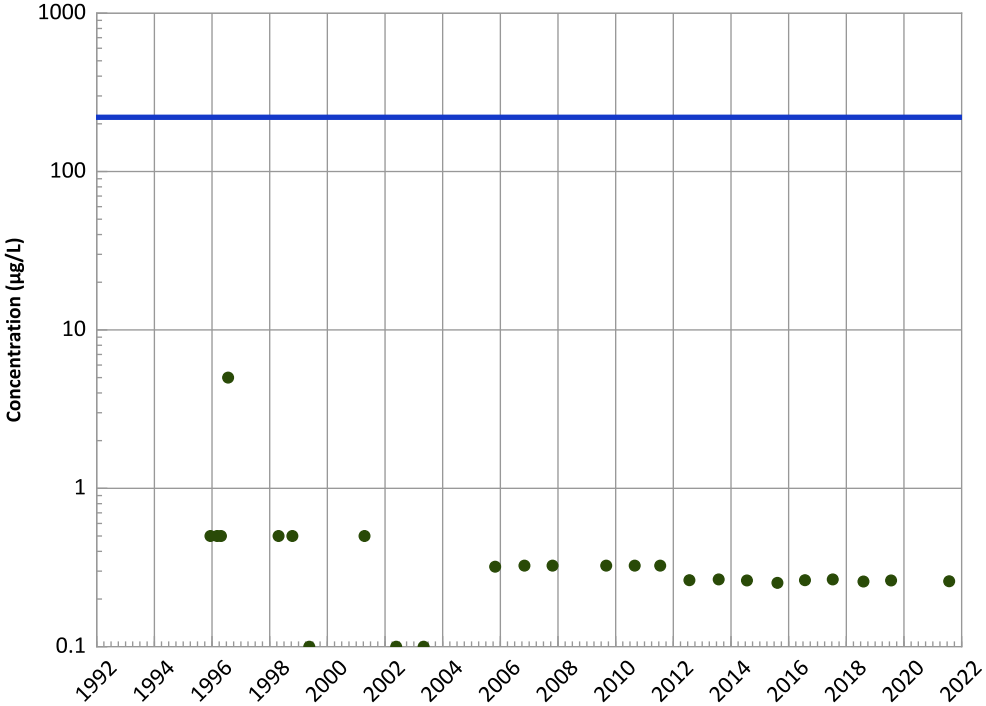


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

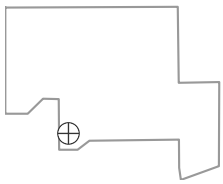
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

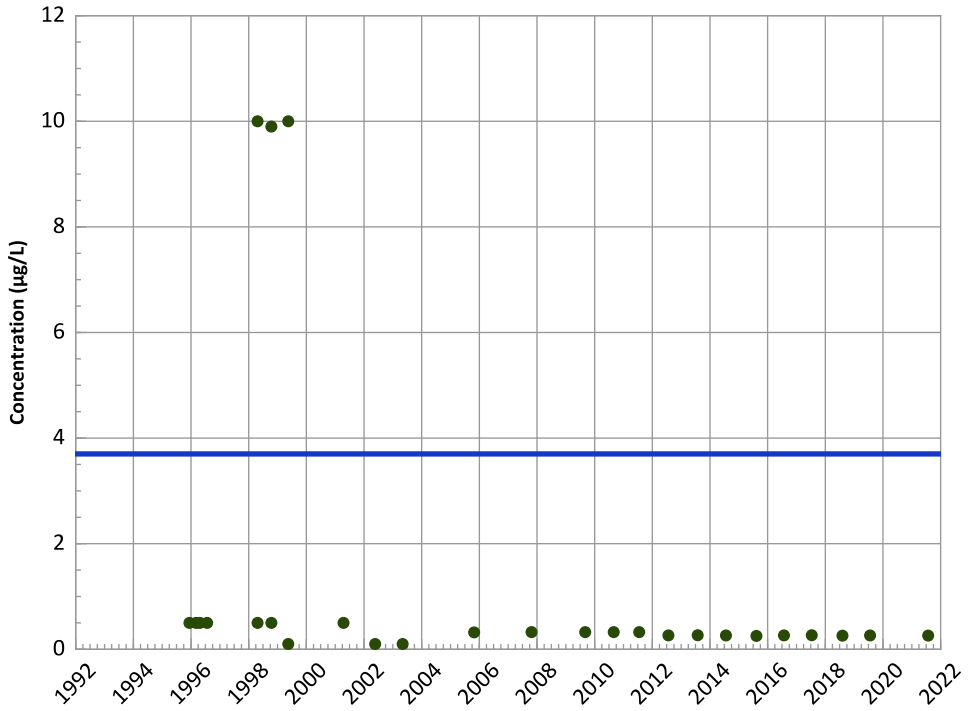
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

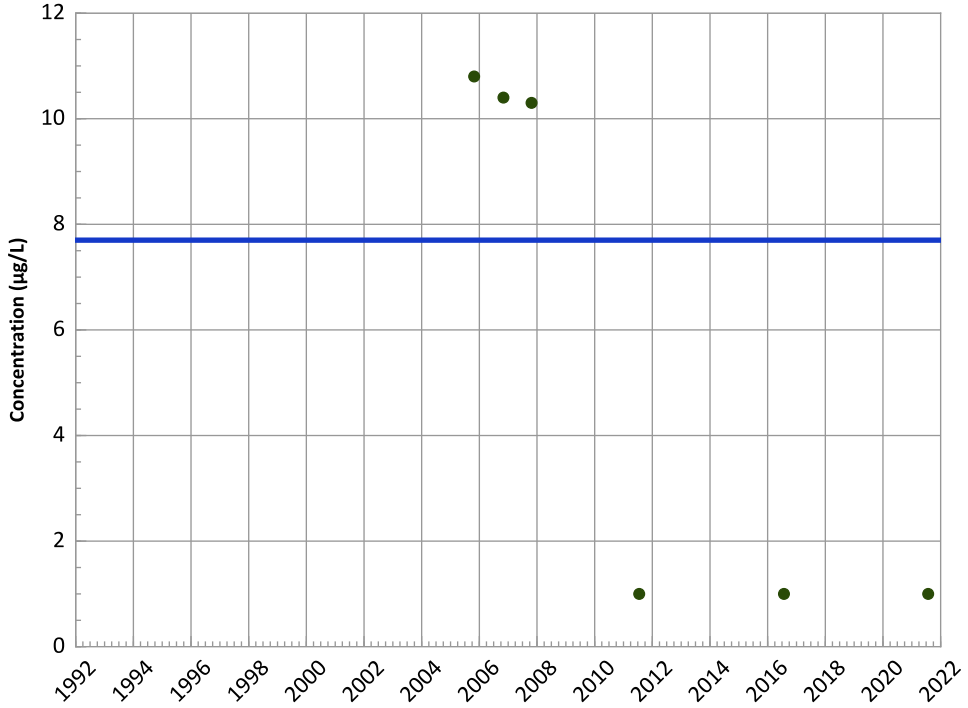


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

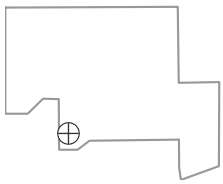
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

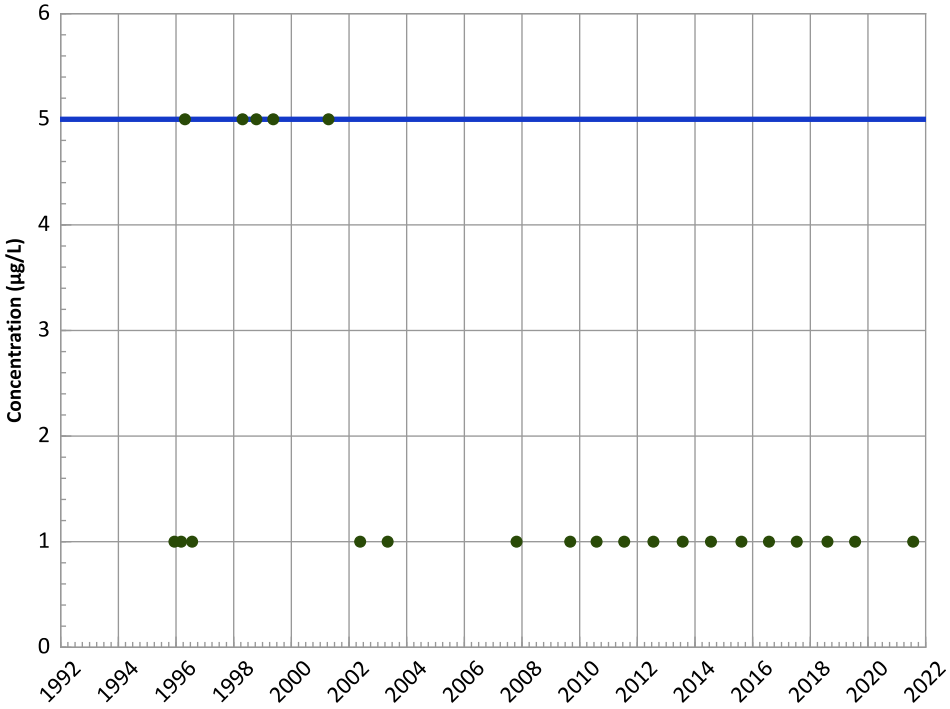
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

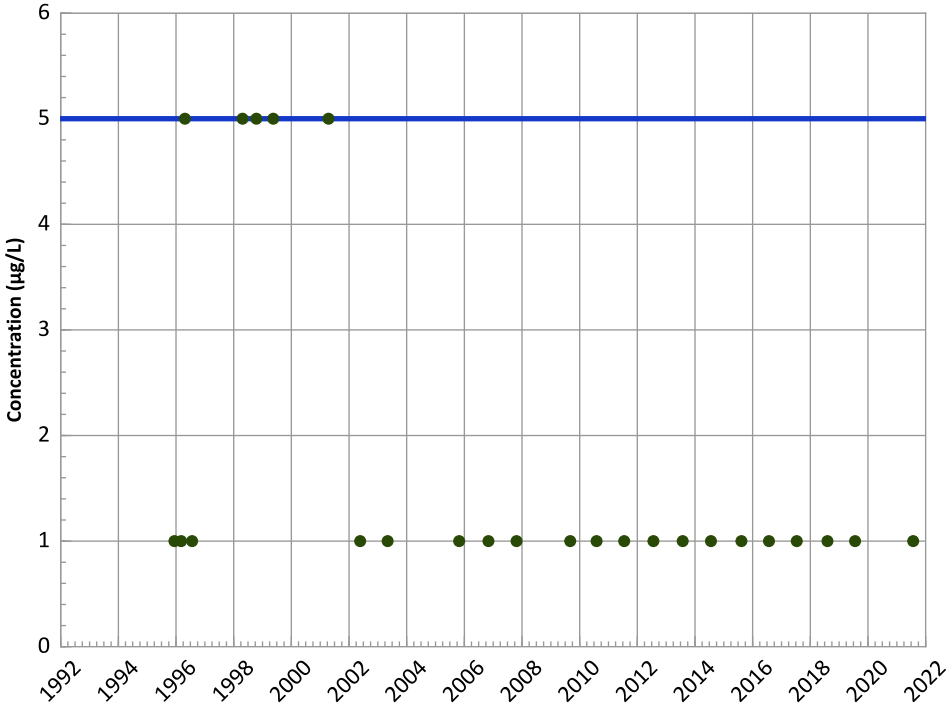


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

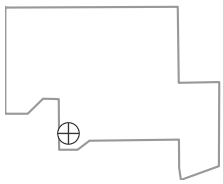
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

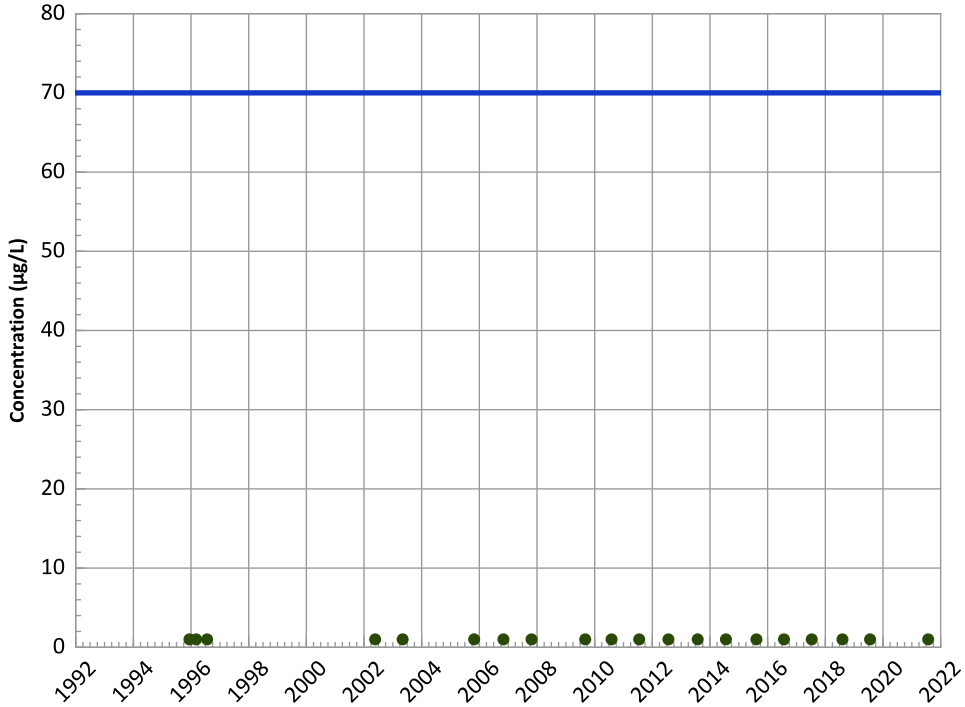
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

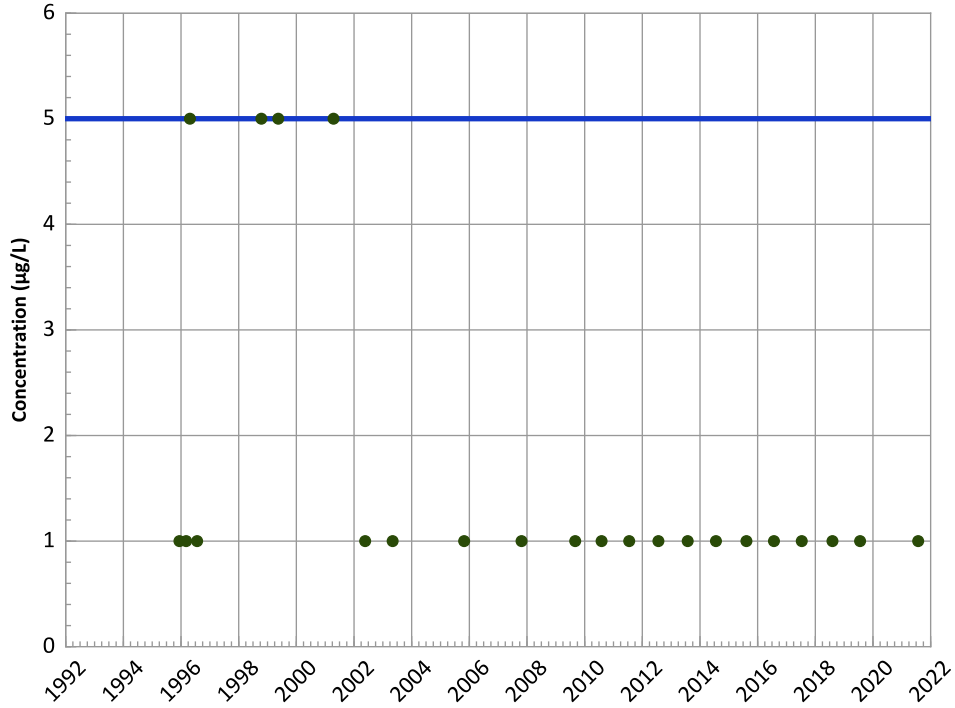


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

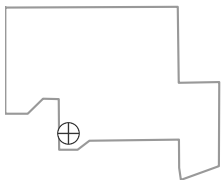
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

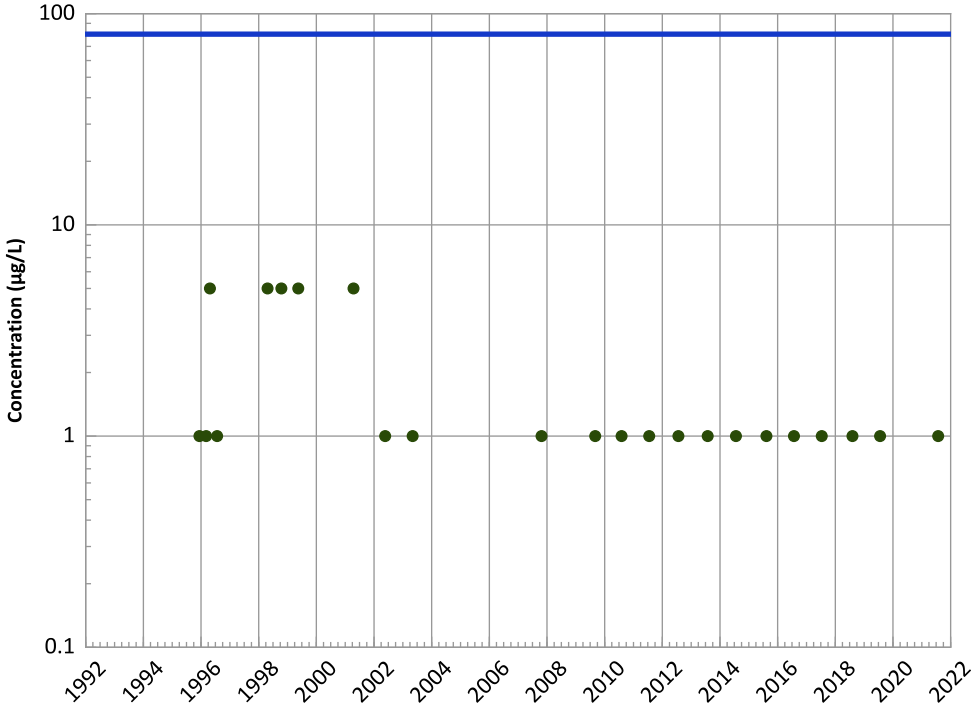
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

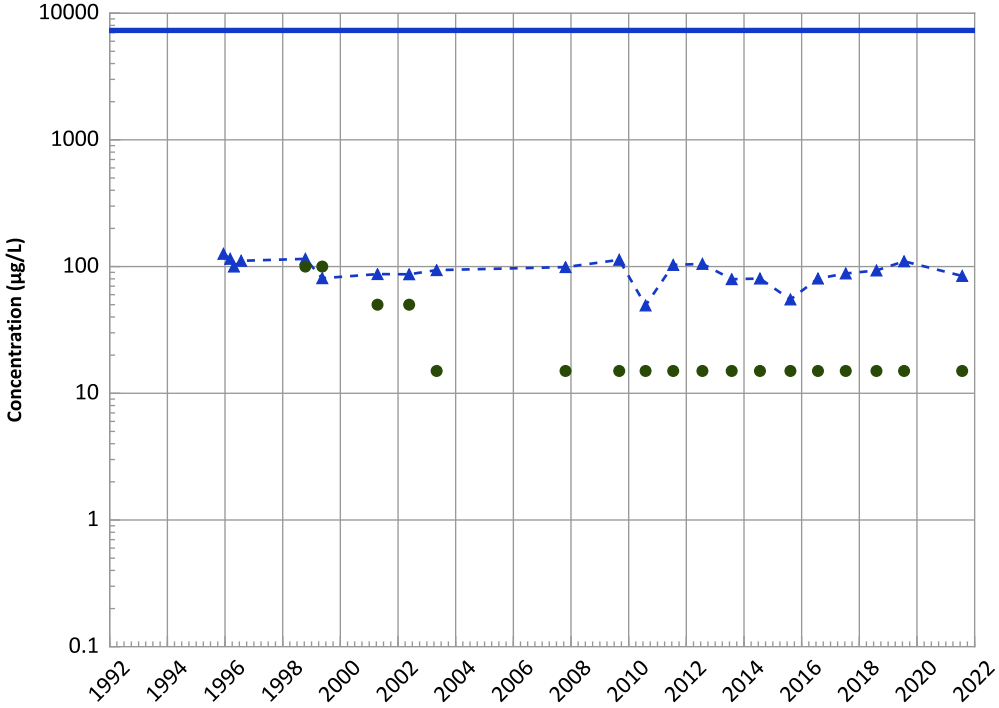


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

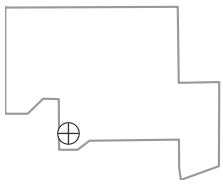
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

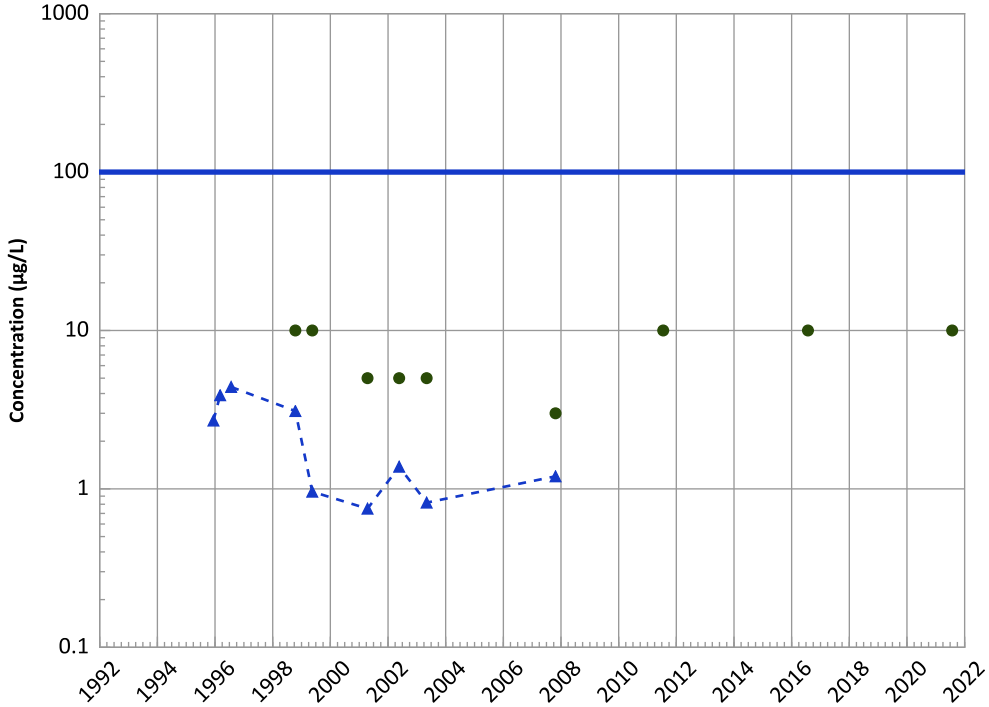
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

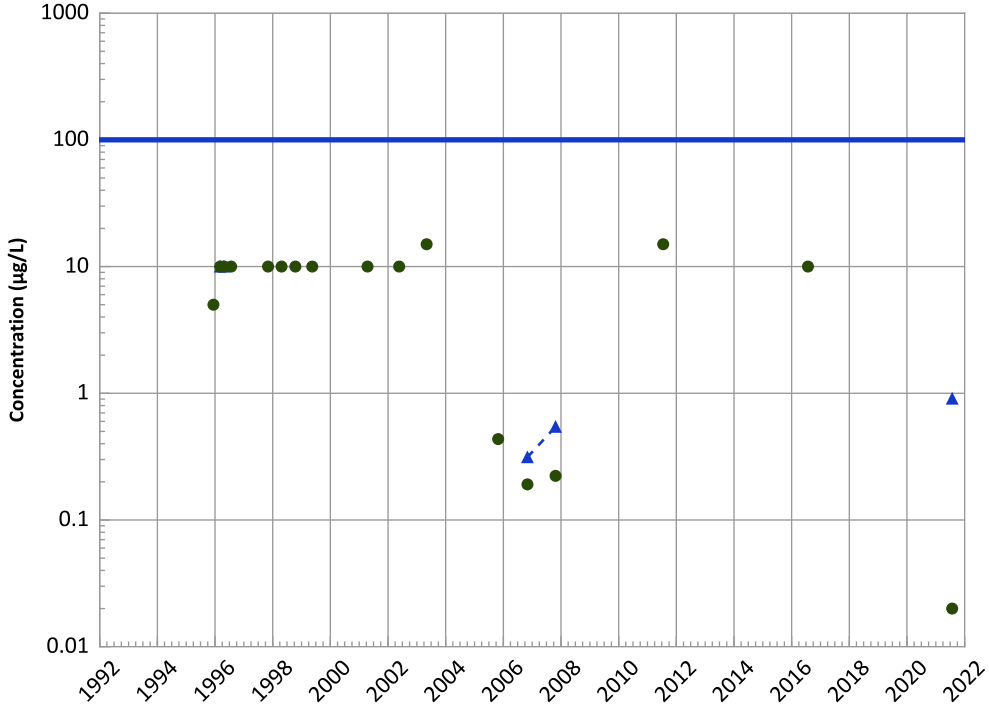


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

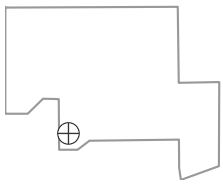
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

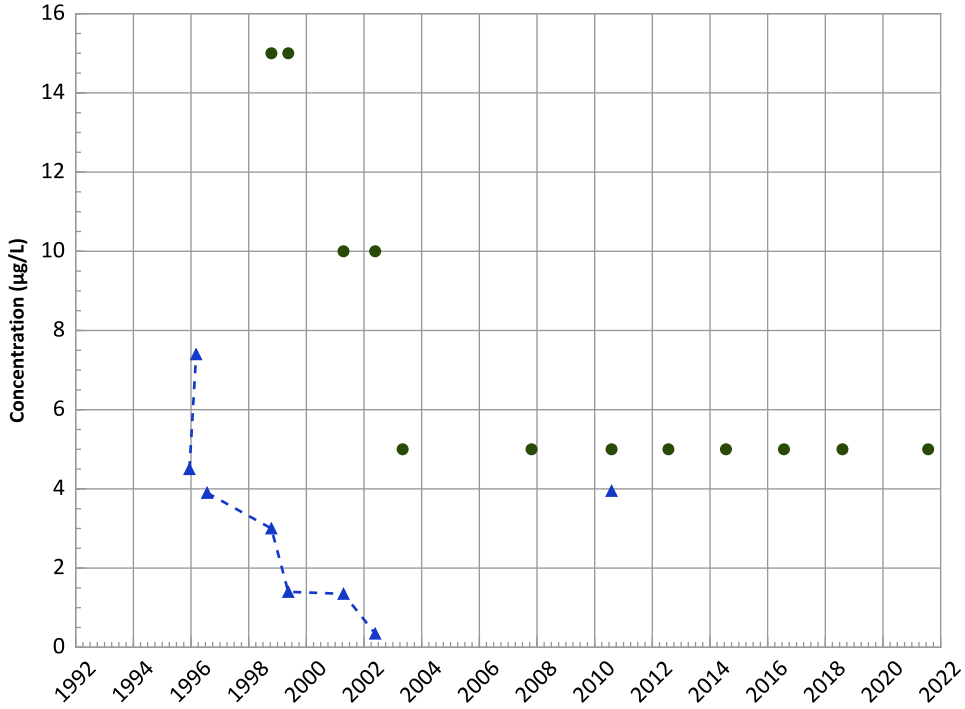
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

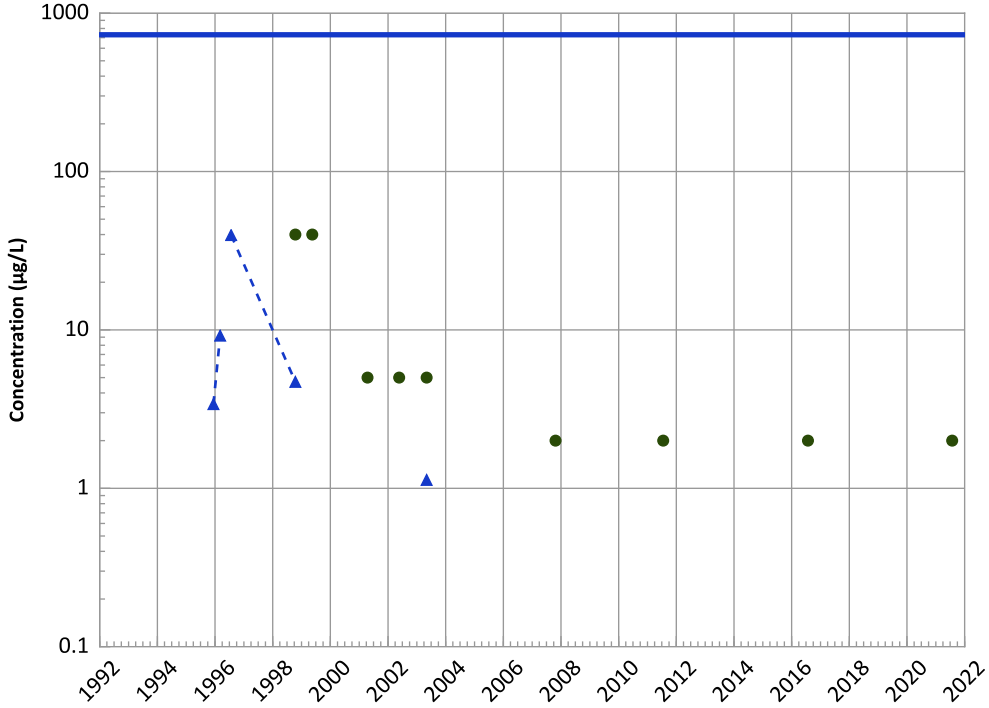


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Nickel Trend



Concentration Trend

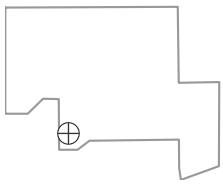
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

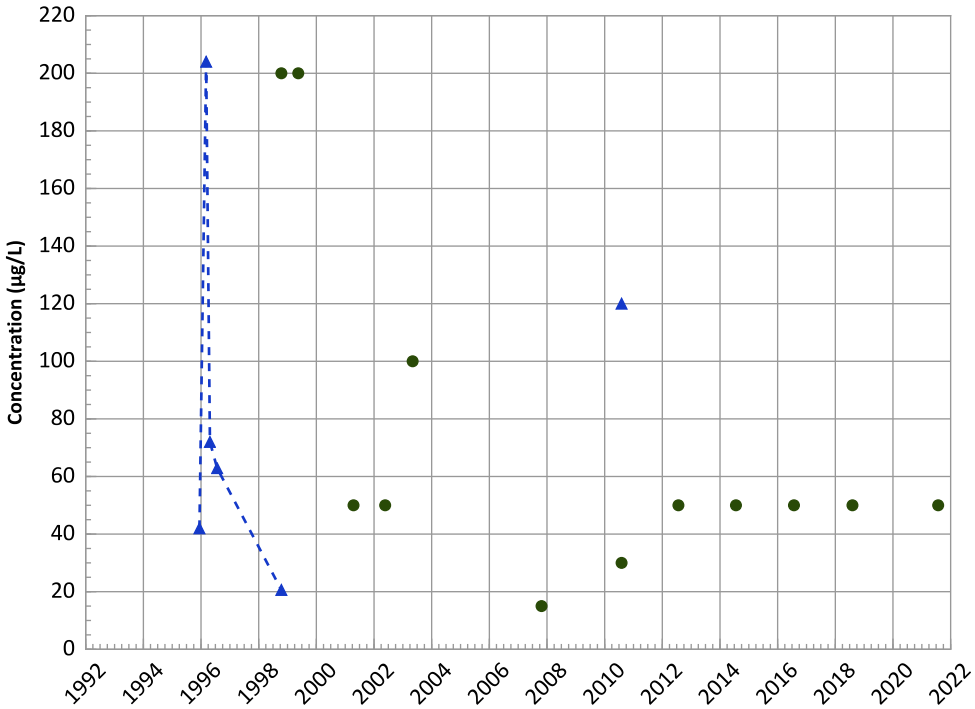
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

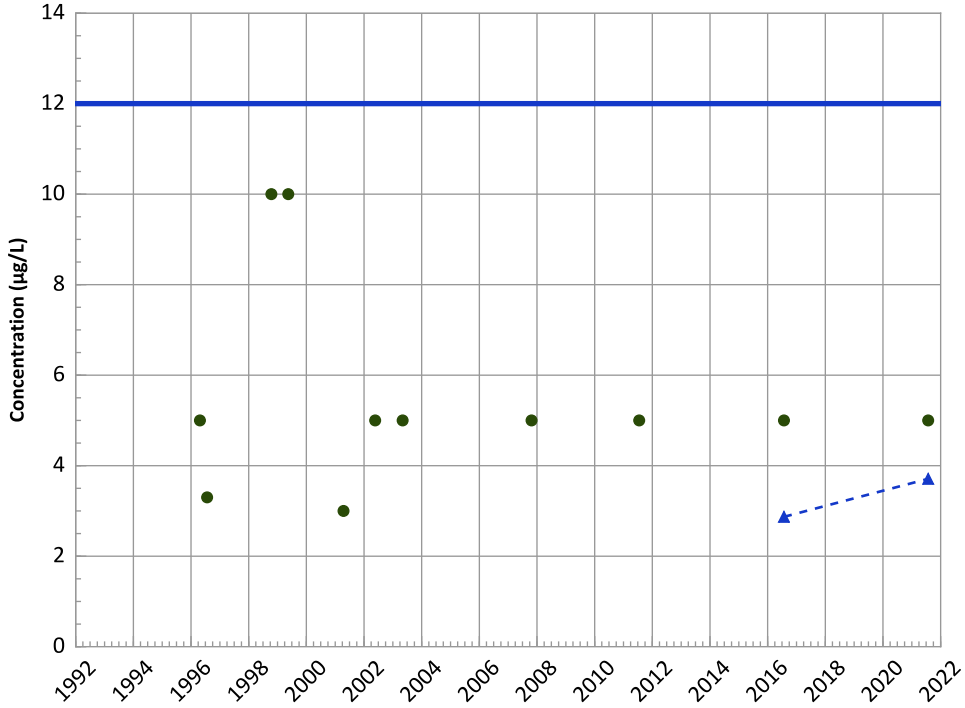


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Arsenic Trend



Concentration Trend

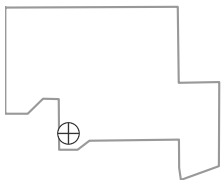
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

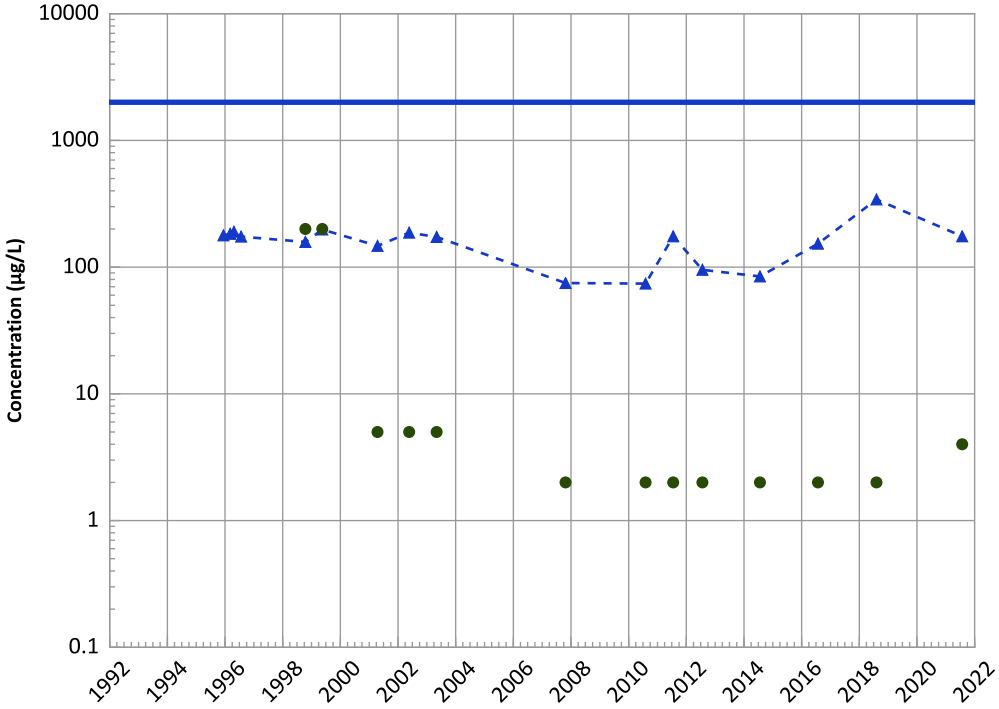
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

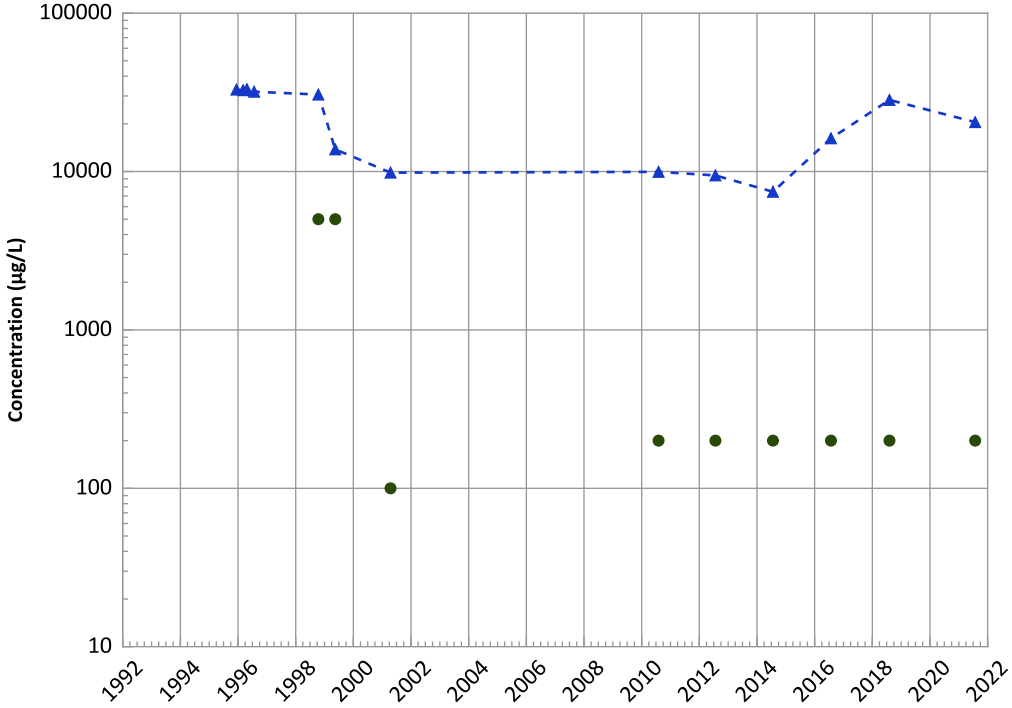


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Calcium Trend



Concentration Trend

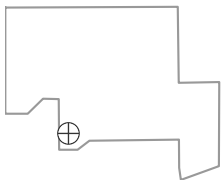
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

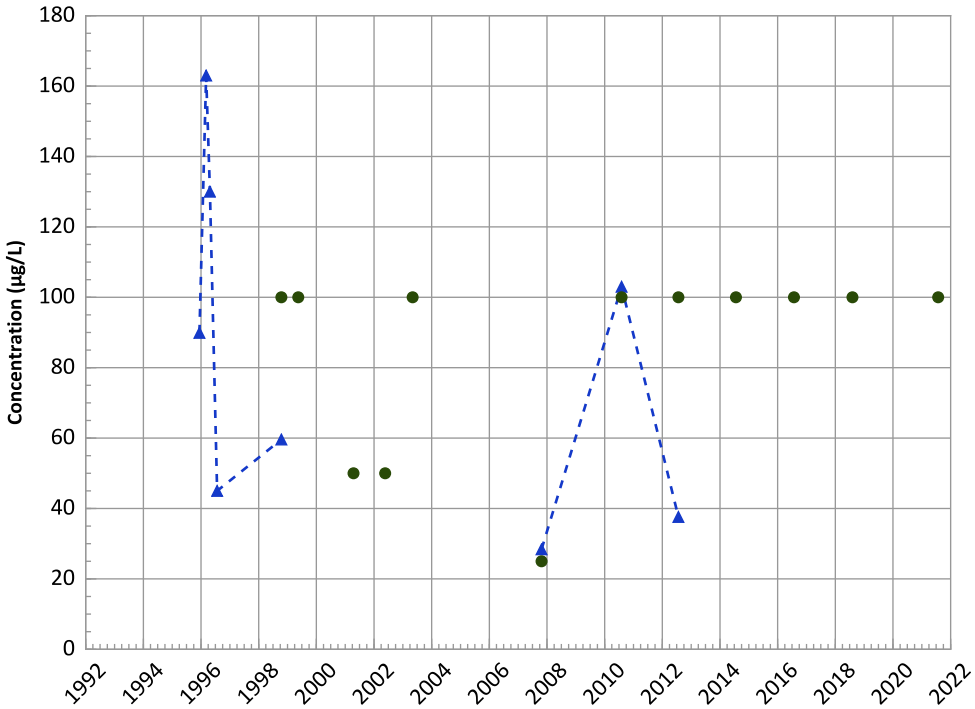
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

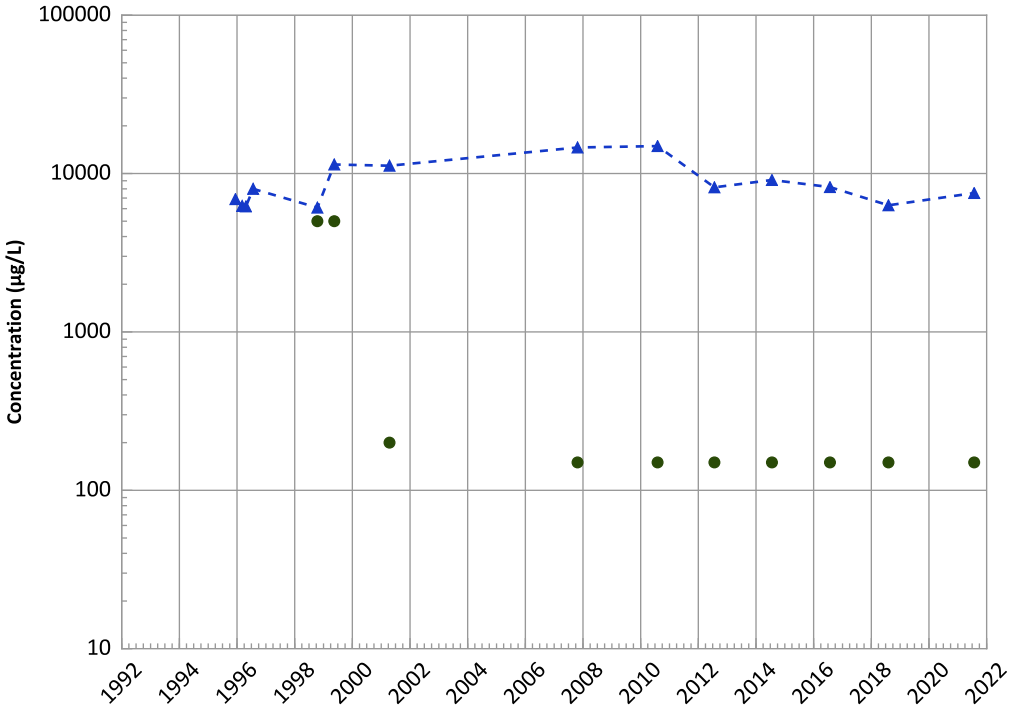


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Potassium Trend



Concentration Trend

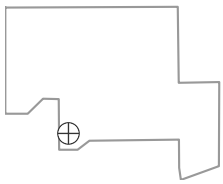
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

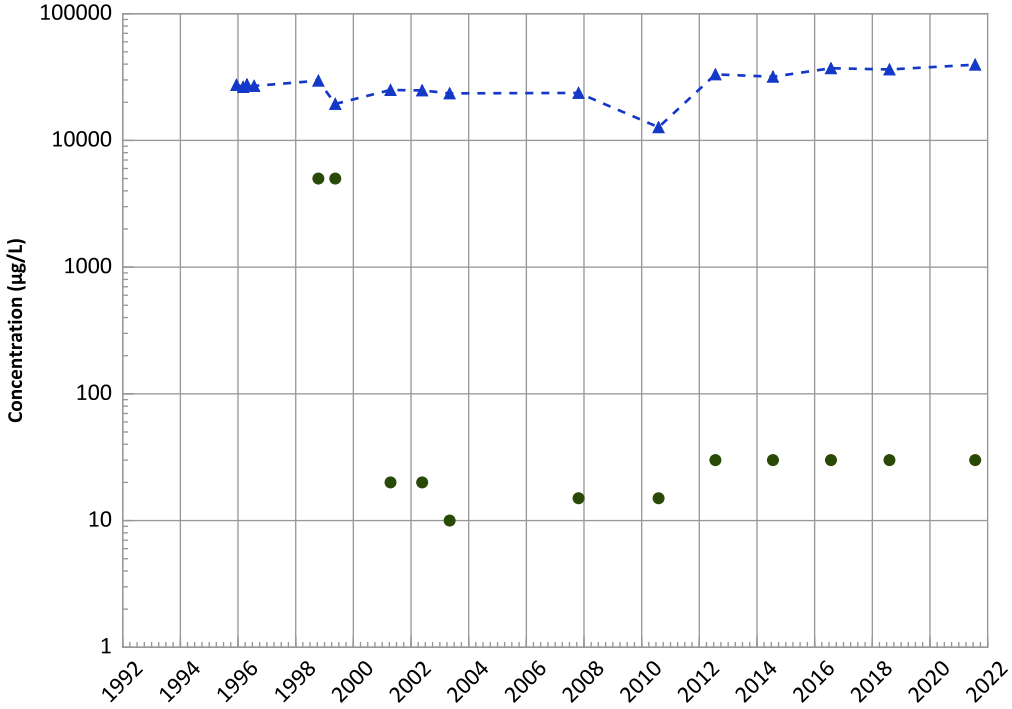
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

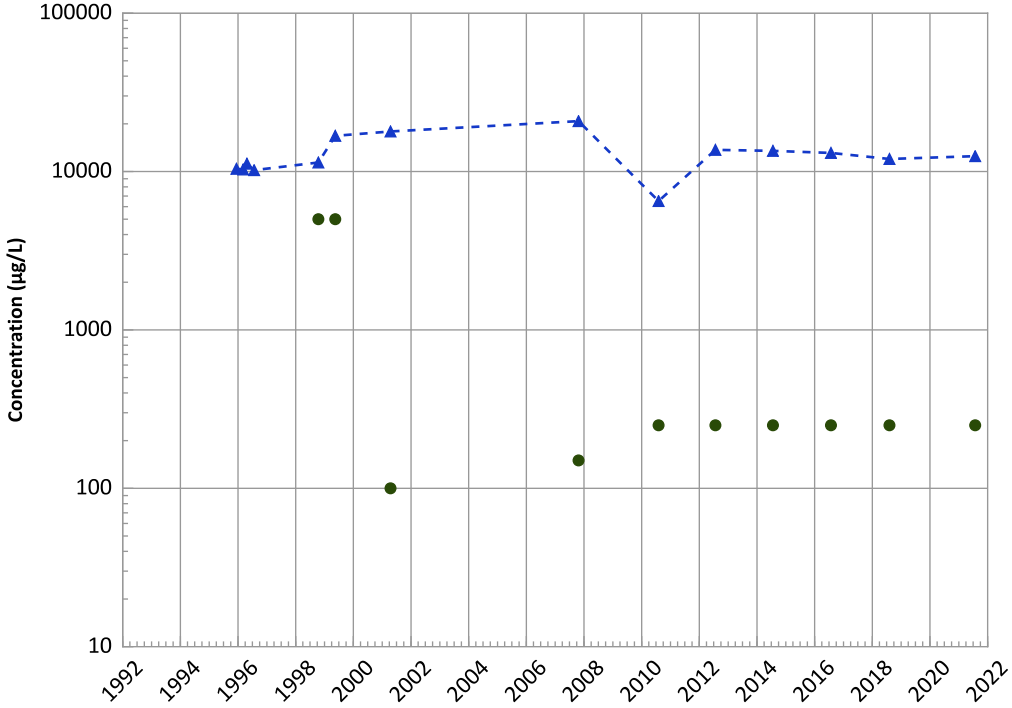


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Probably Increasing

Sodium Trend



Concentration Trend

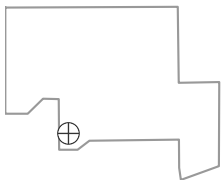
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

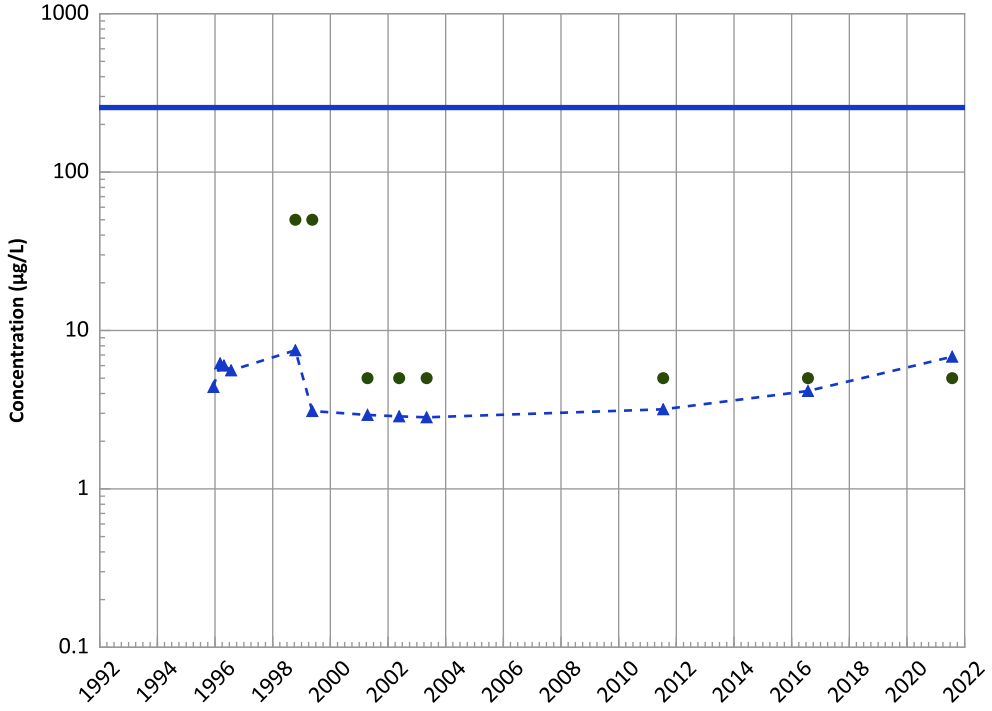
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1Q01 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

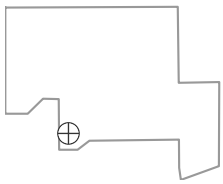
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

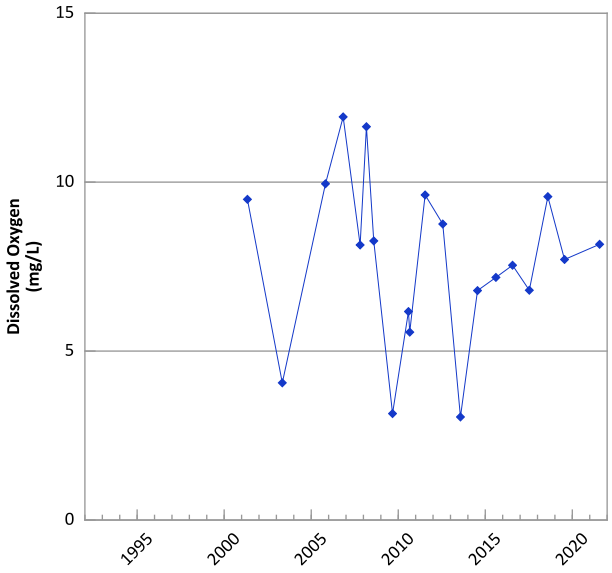
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/12/1995 to 07/27/2021
Analysis Date: 04/05/2022

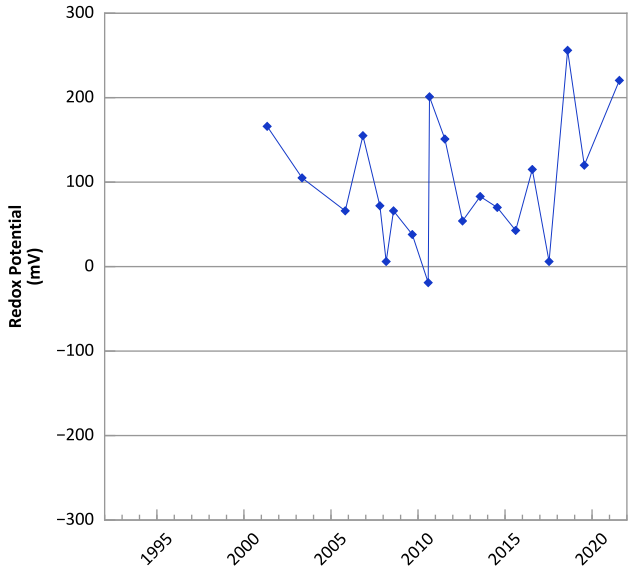
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

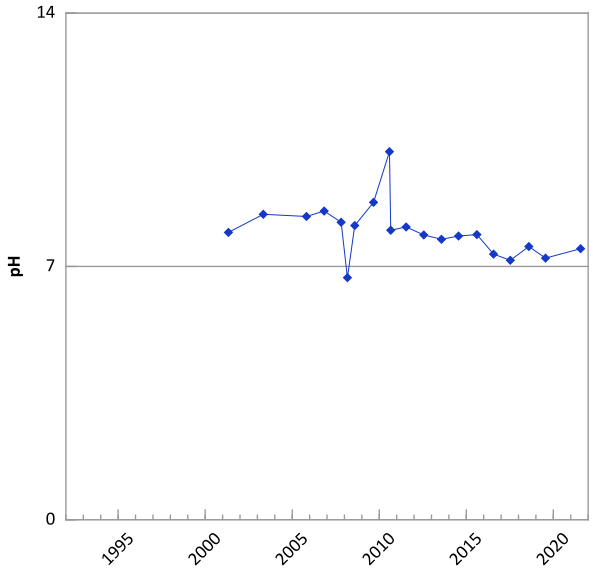
Well Location

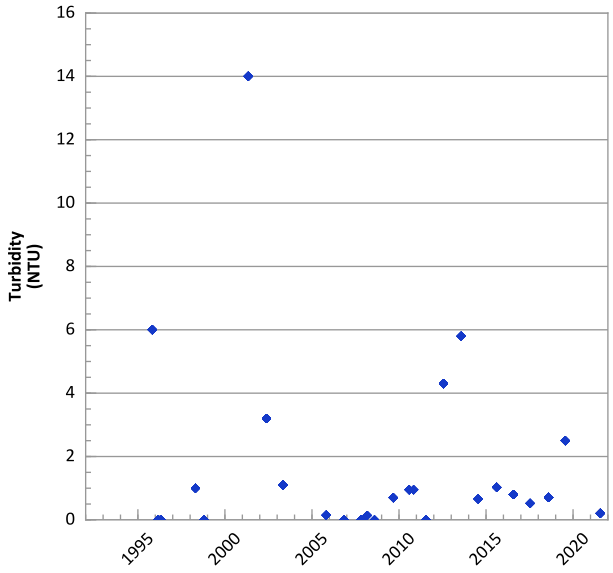


PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



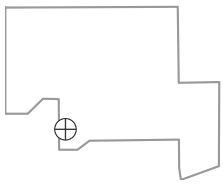






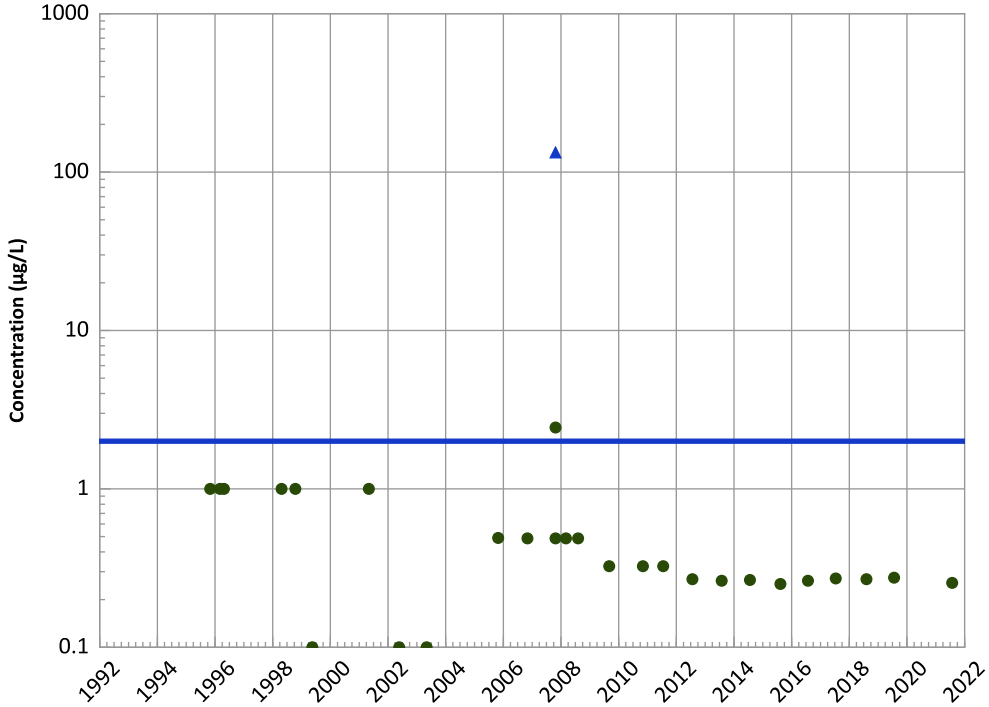
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

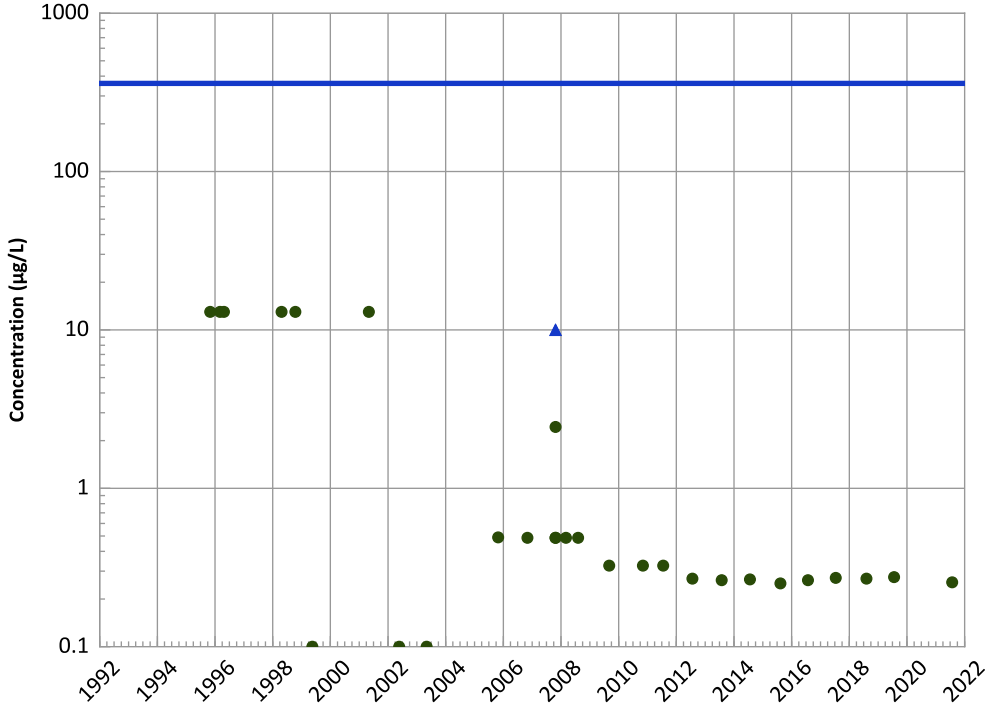


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

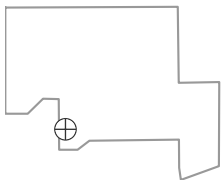
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

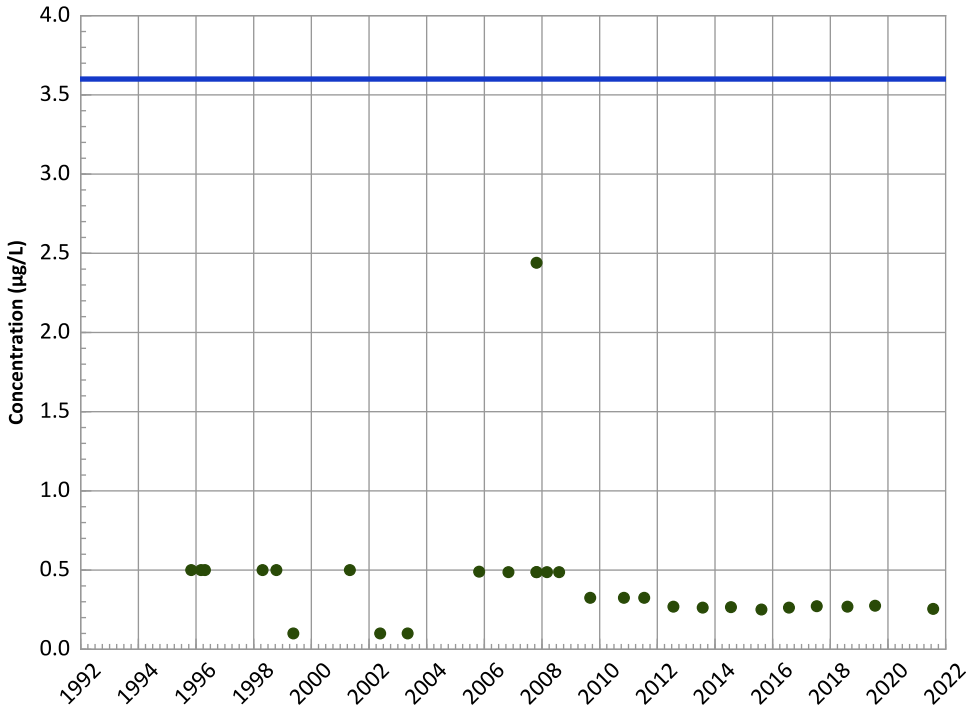
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

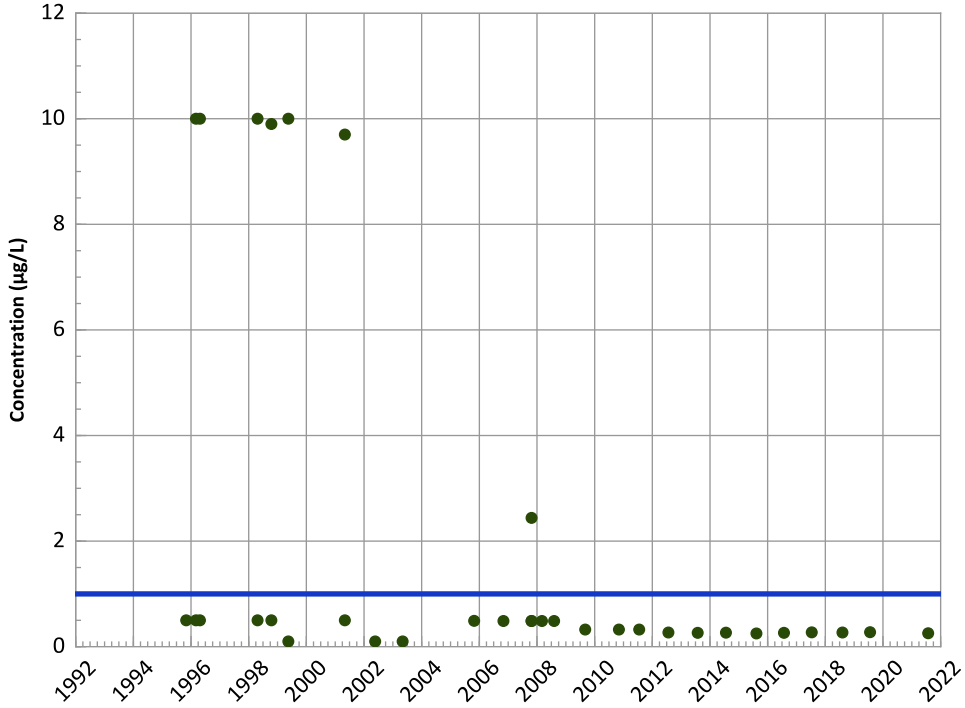


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

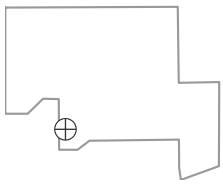
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

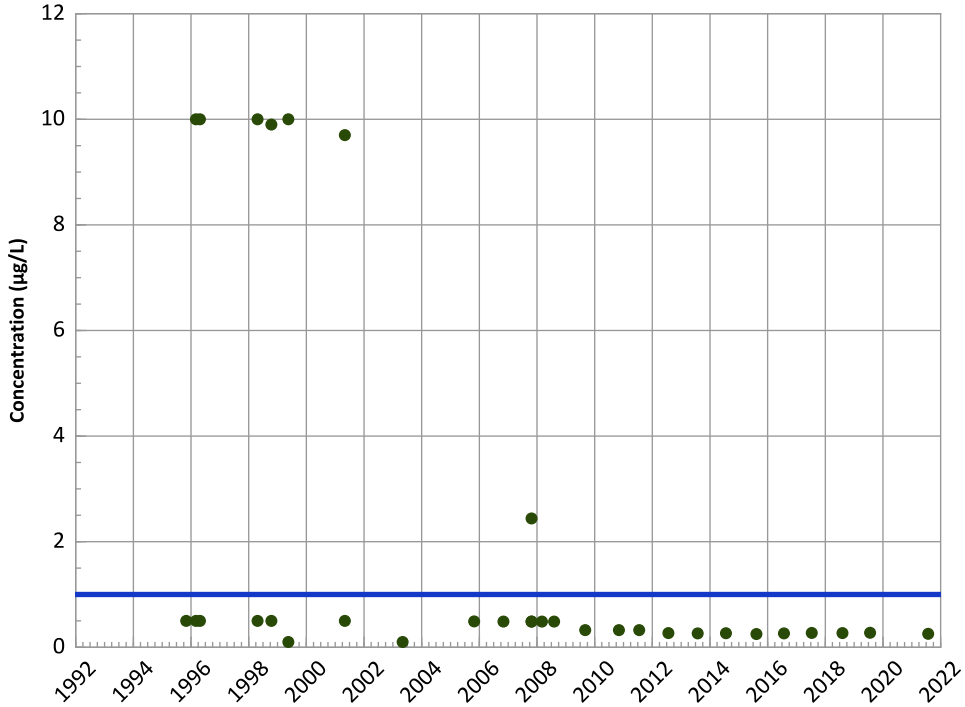
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

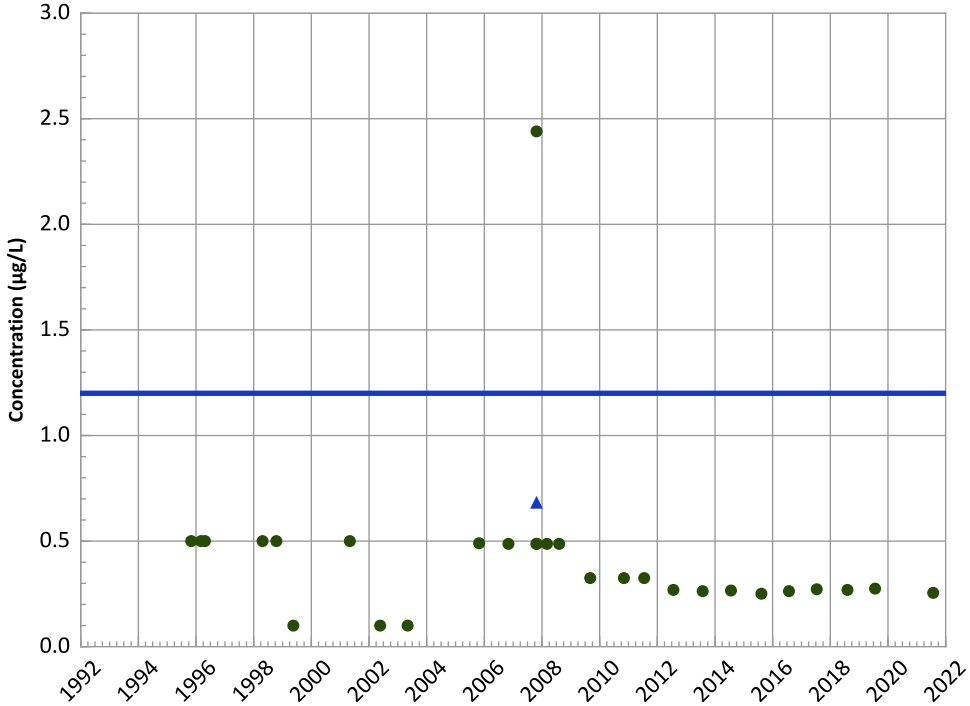


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

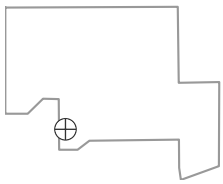
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

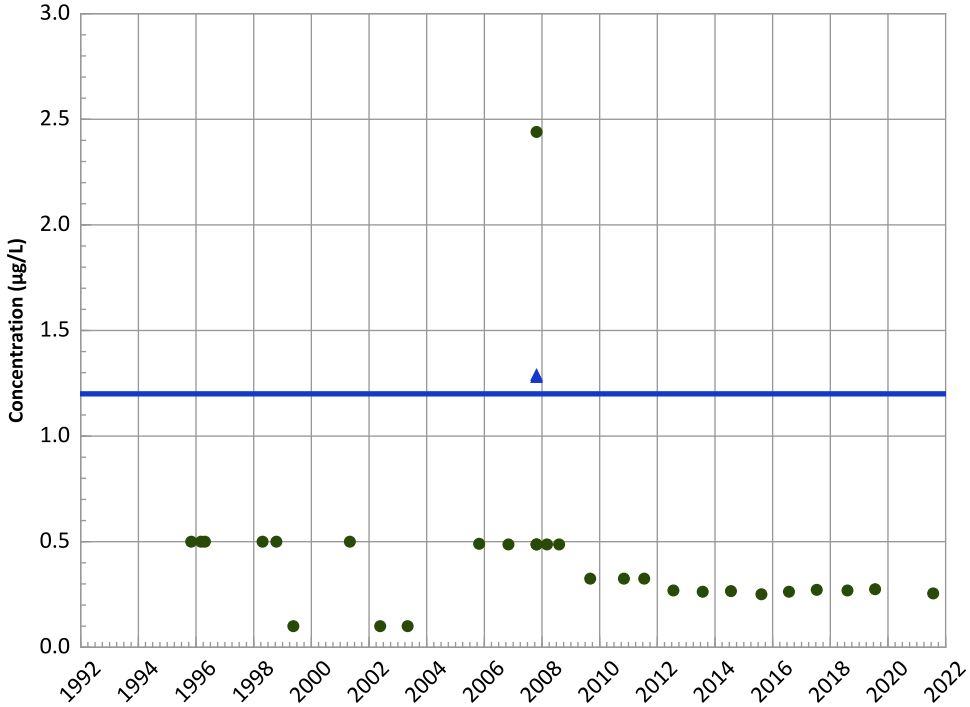
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

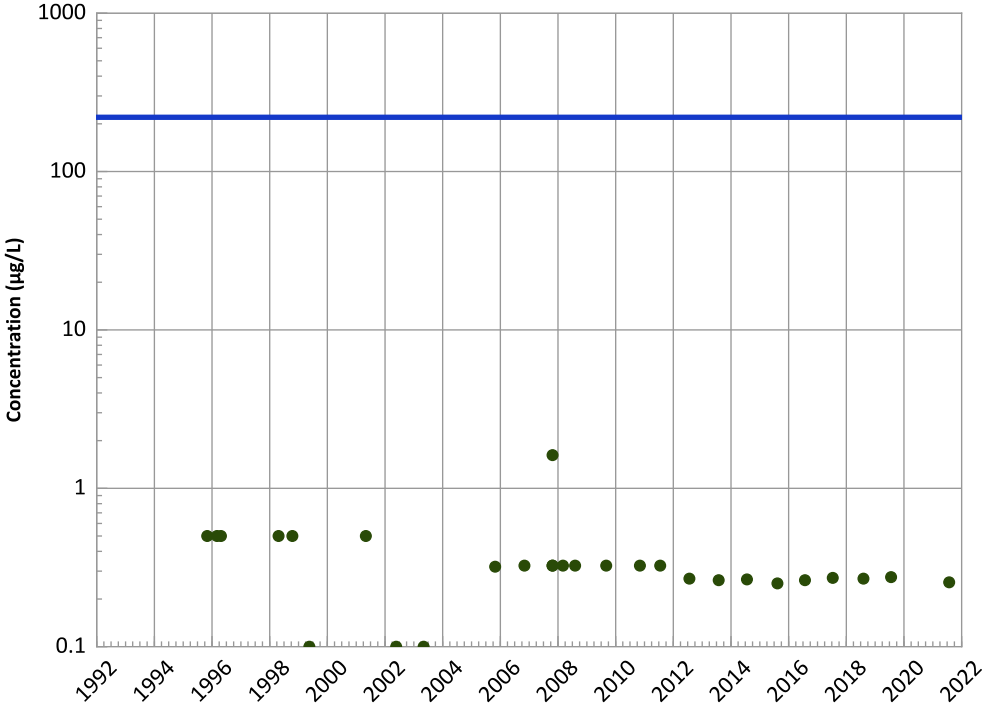


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

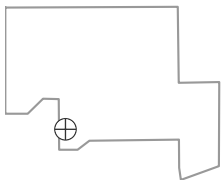
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

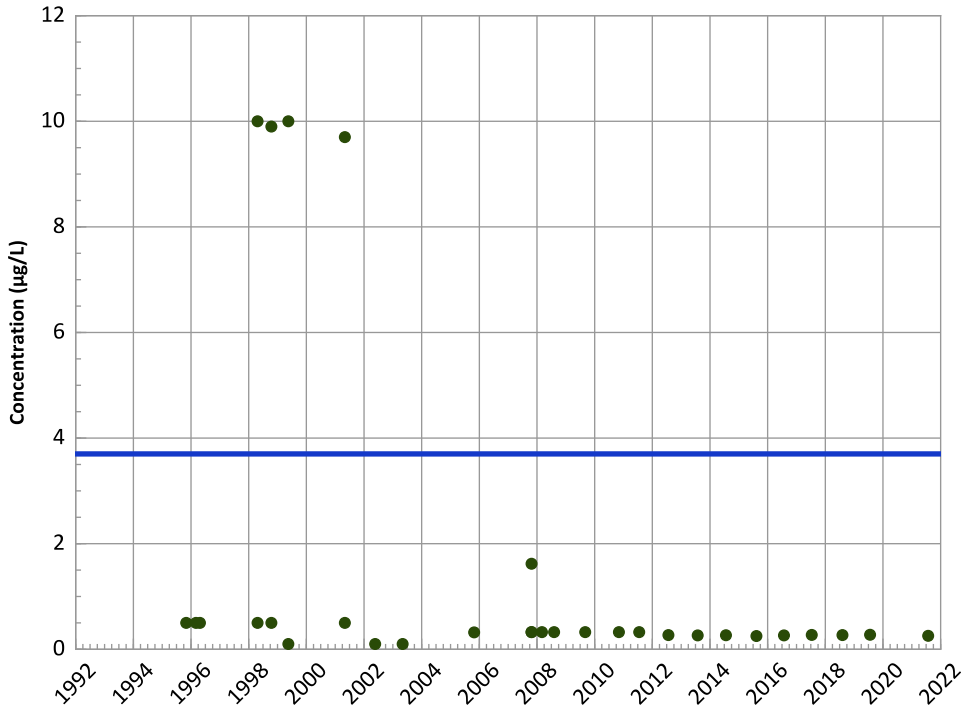
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

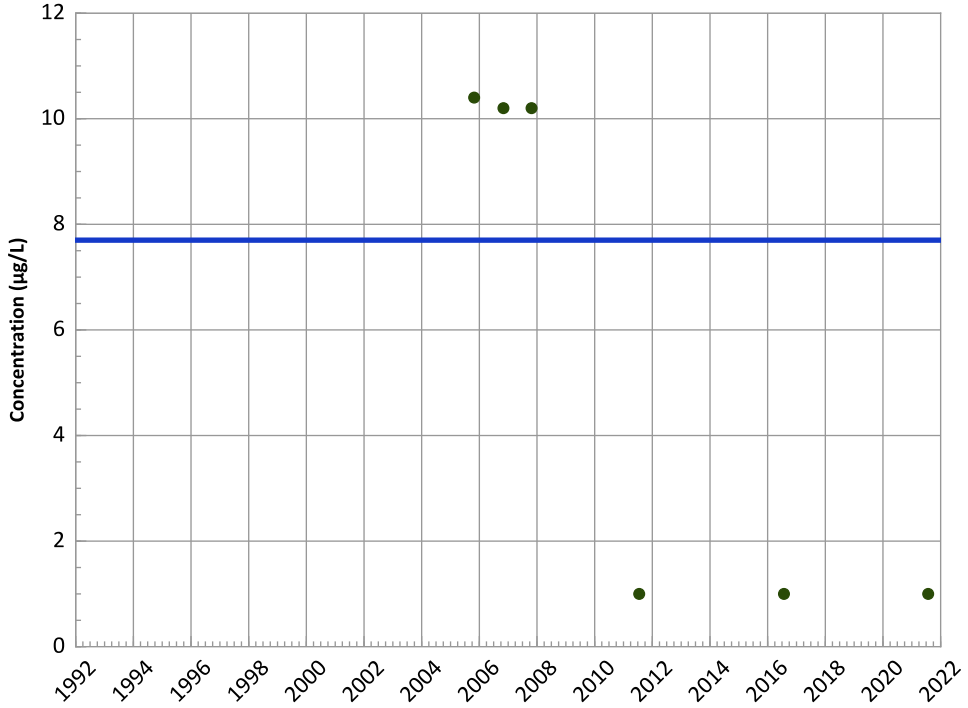


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

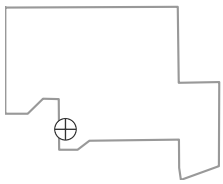
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

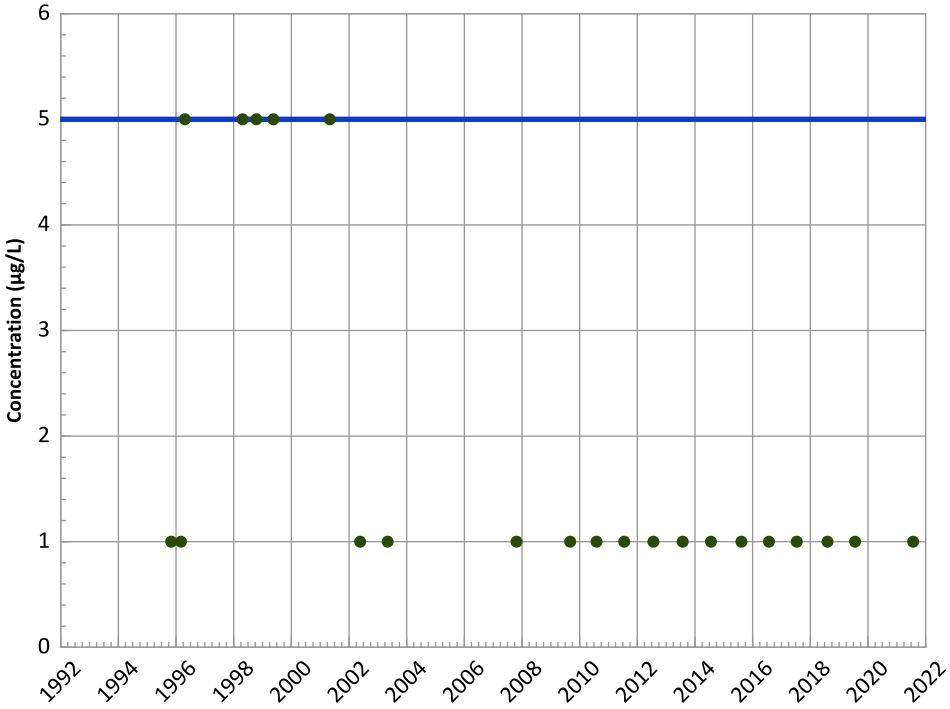
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

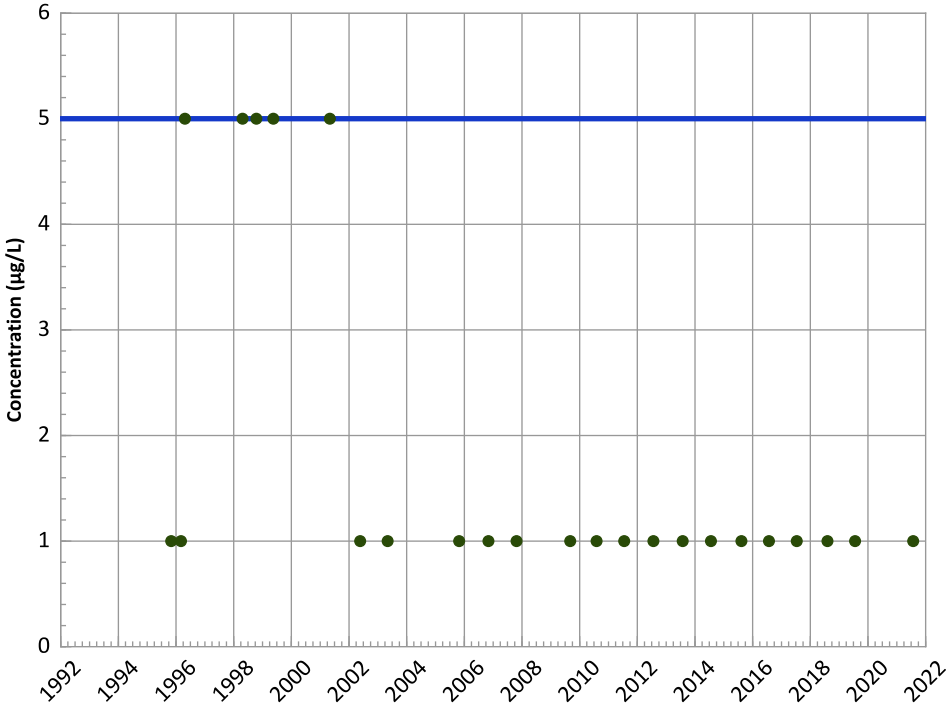


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

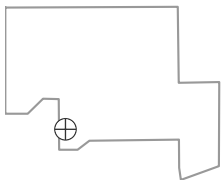
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

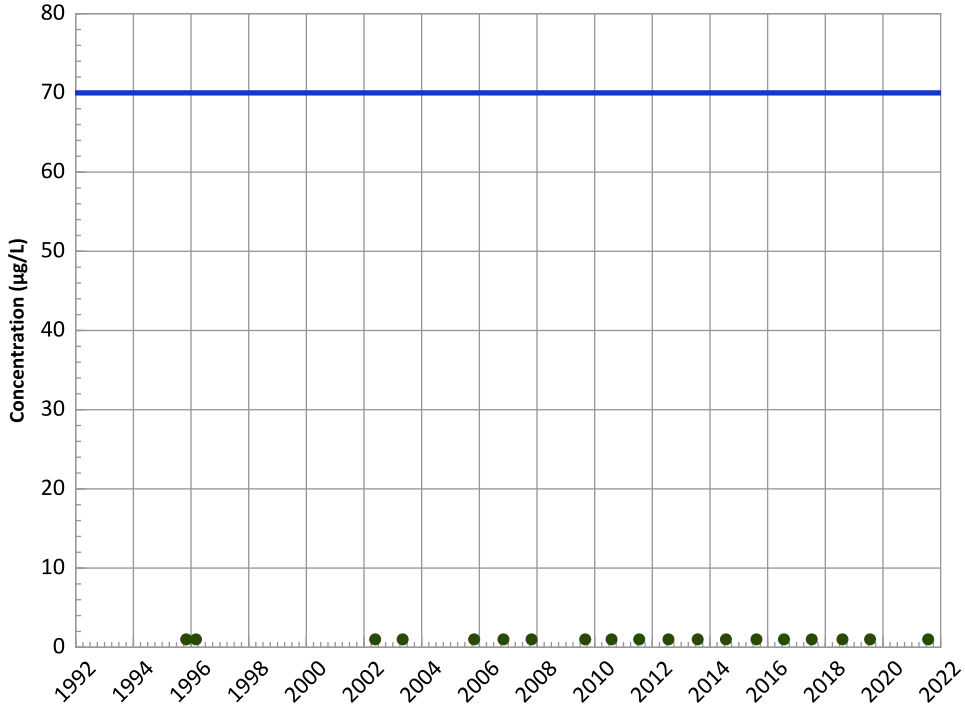
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

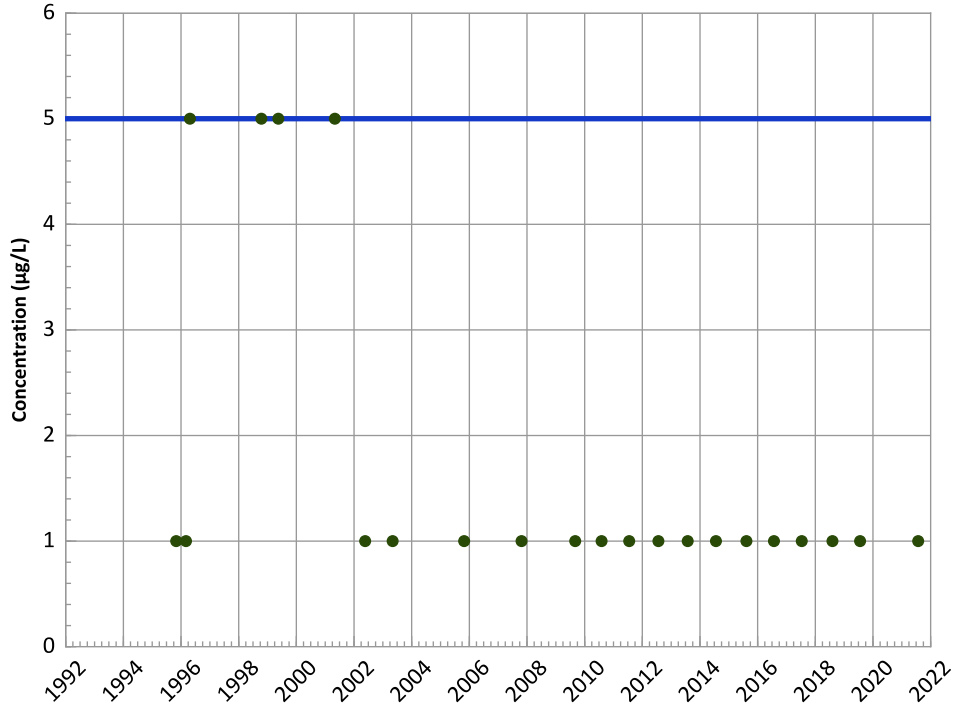


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

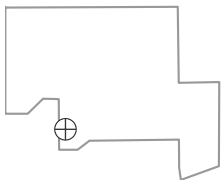
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

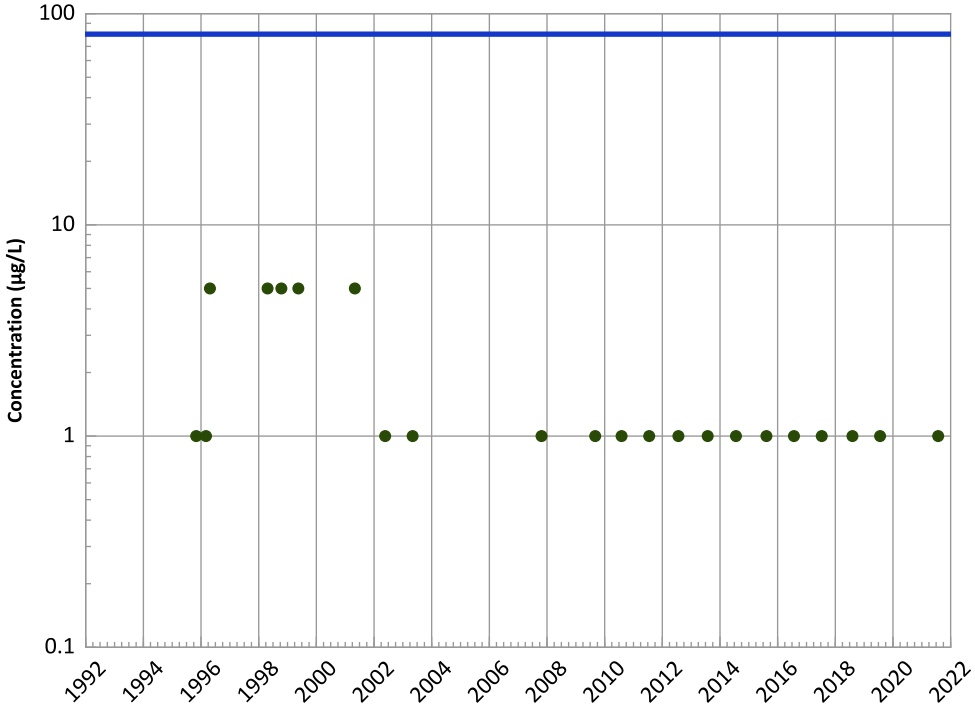
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

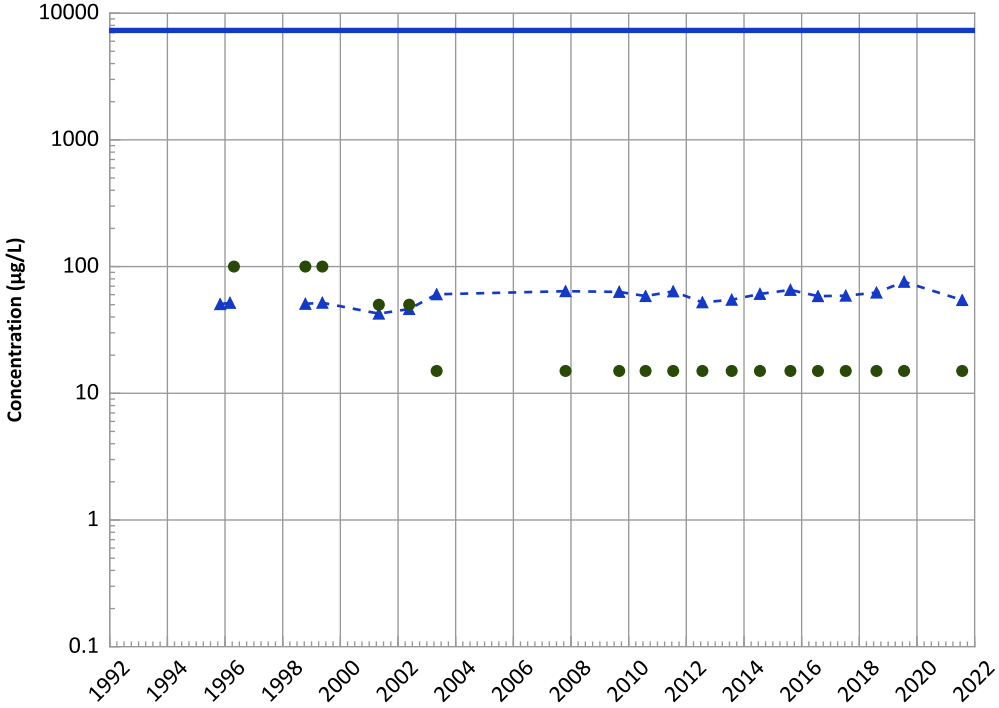


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

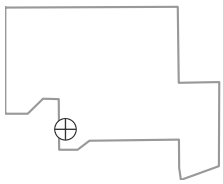
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

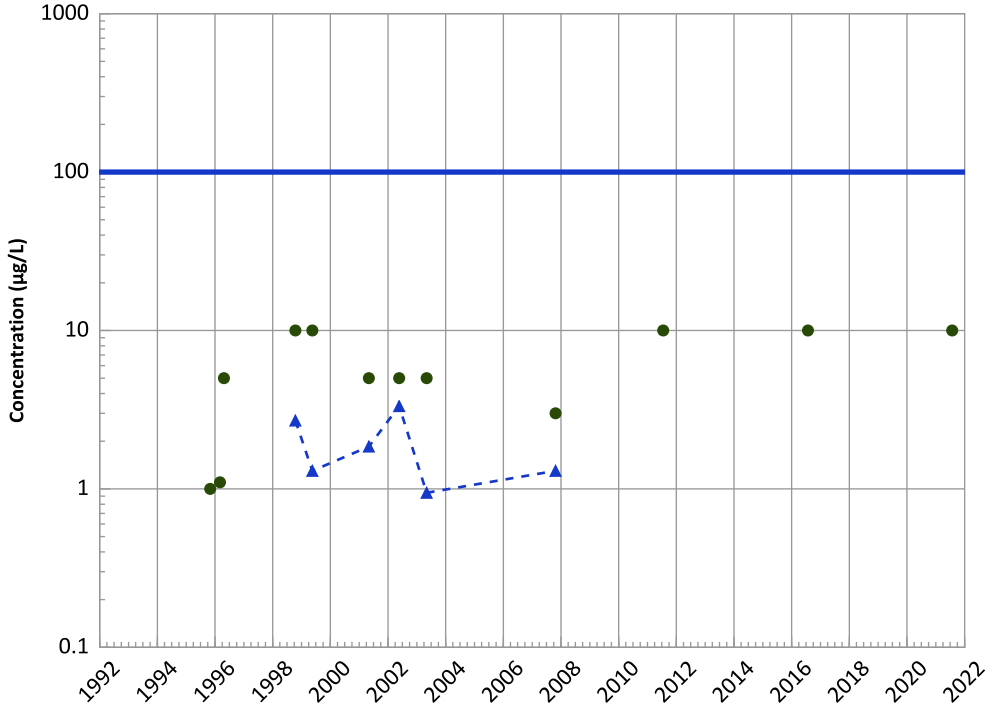
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

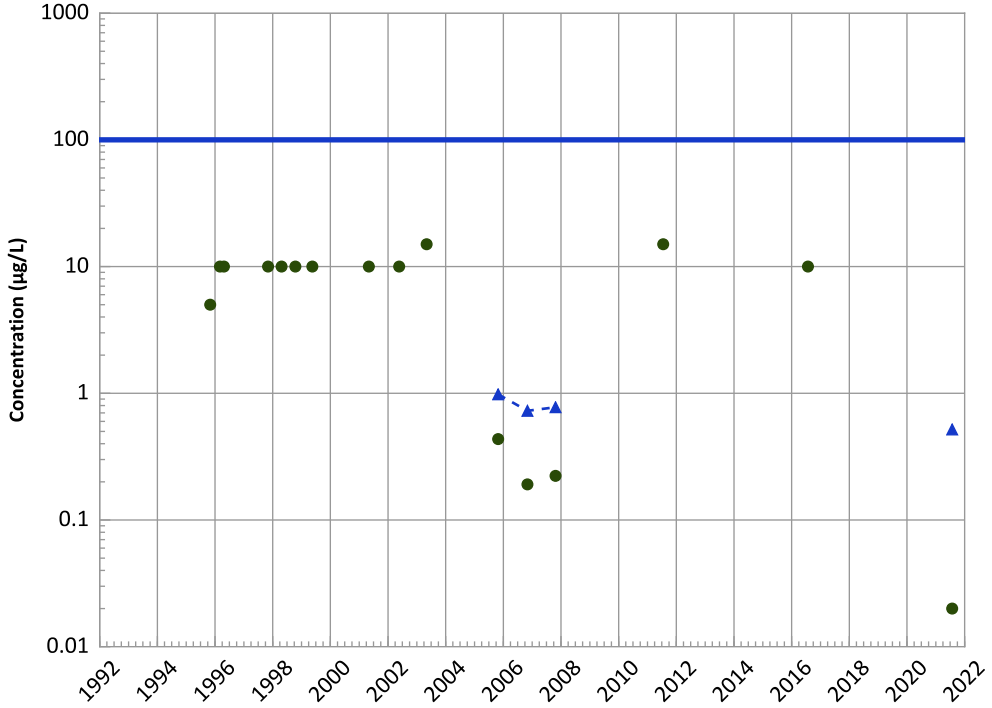


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

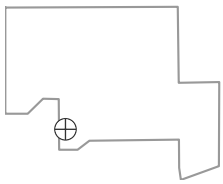
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

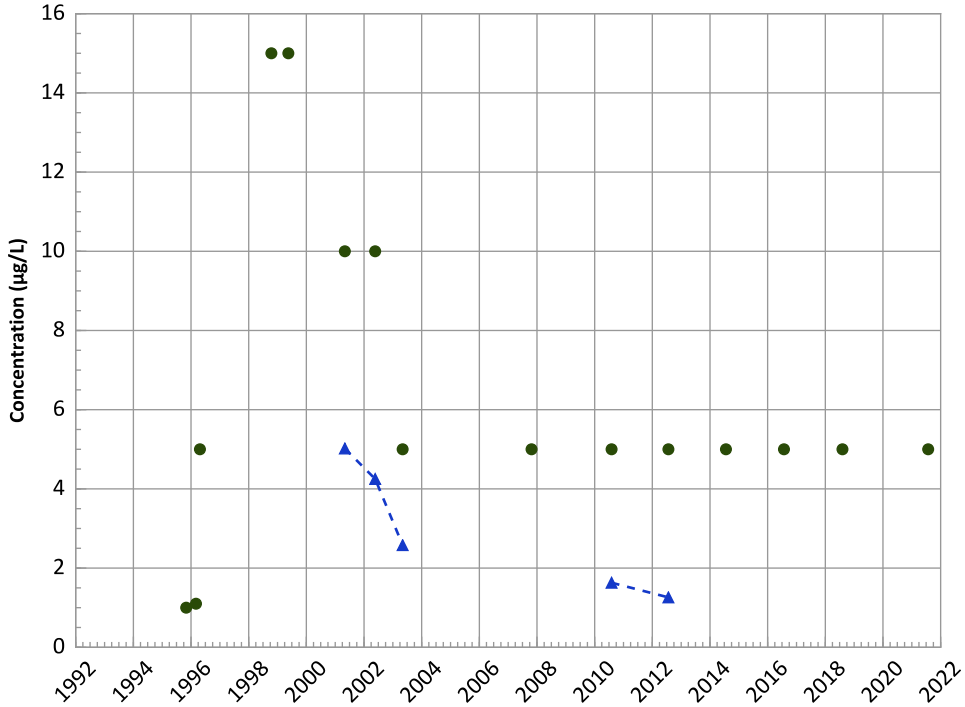
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

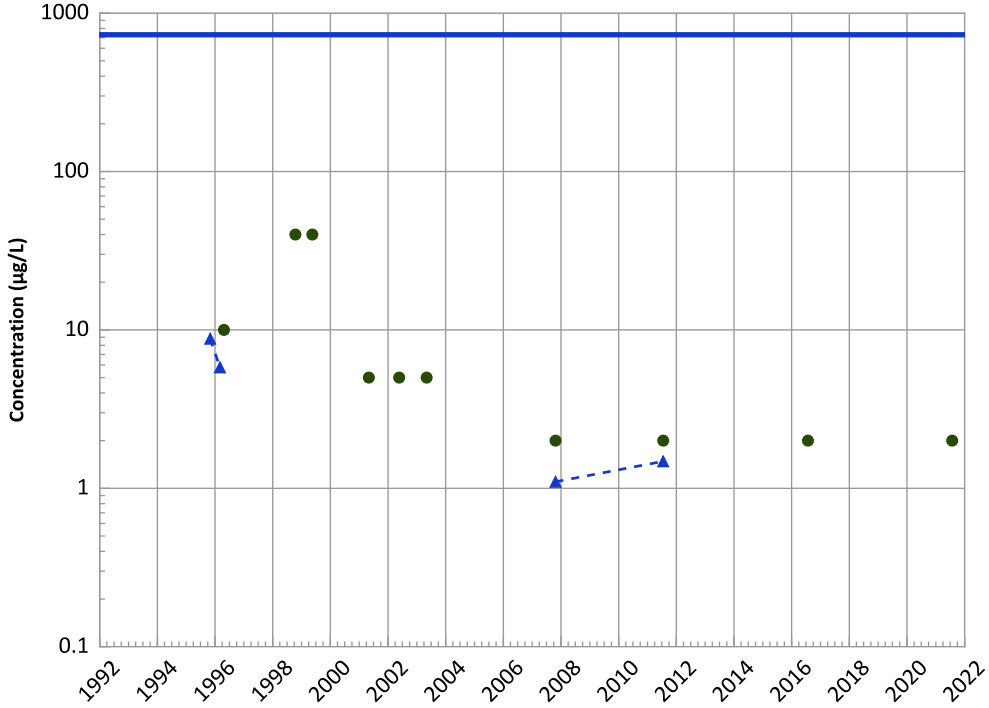


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Nickel Trend



Concentration Trend

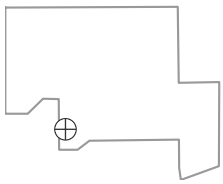
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

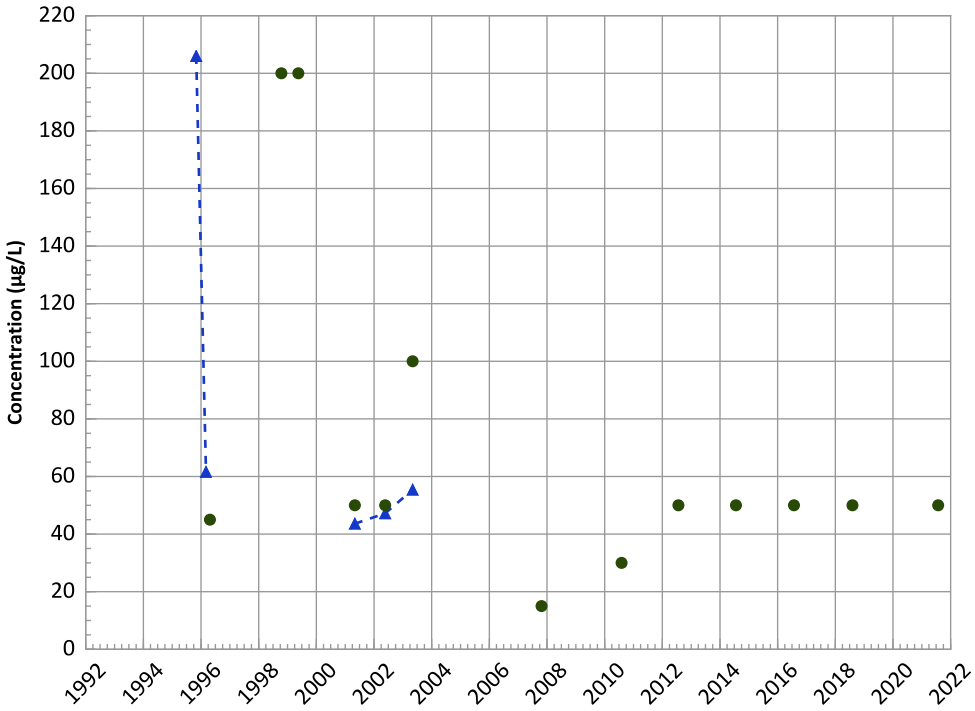
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

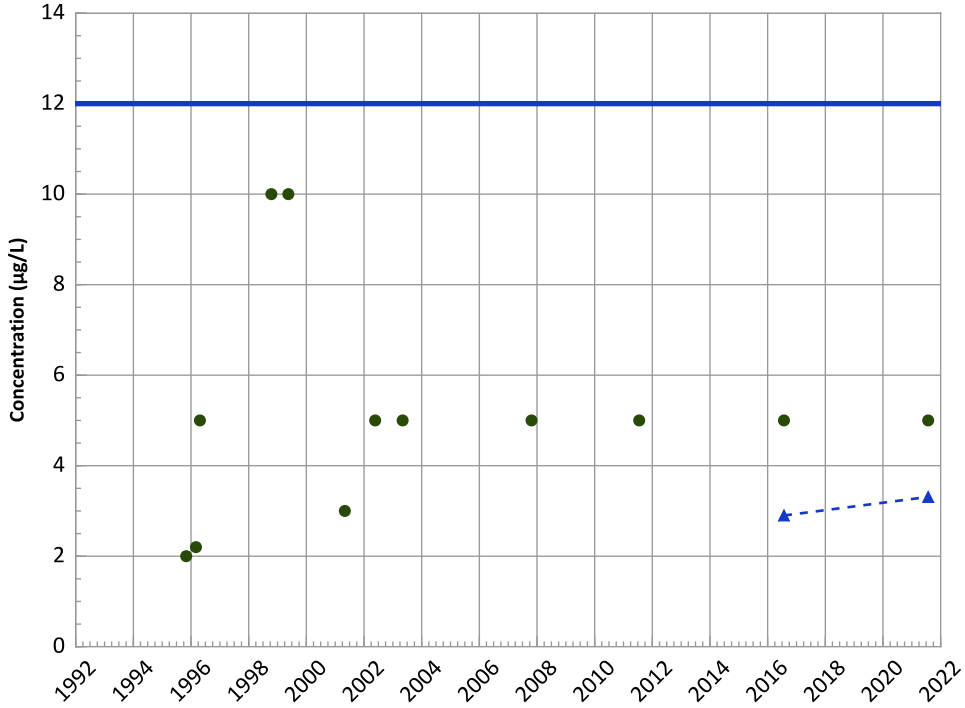


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Arsenic Trend



Concentration Trend

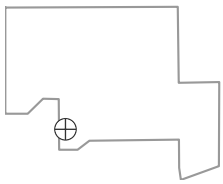
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

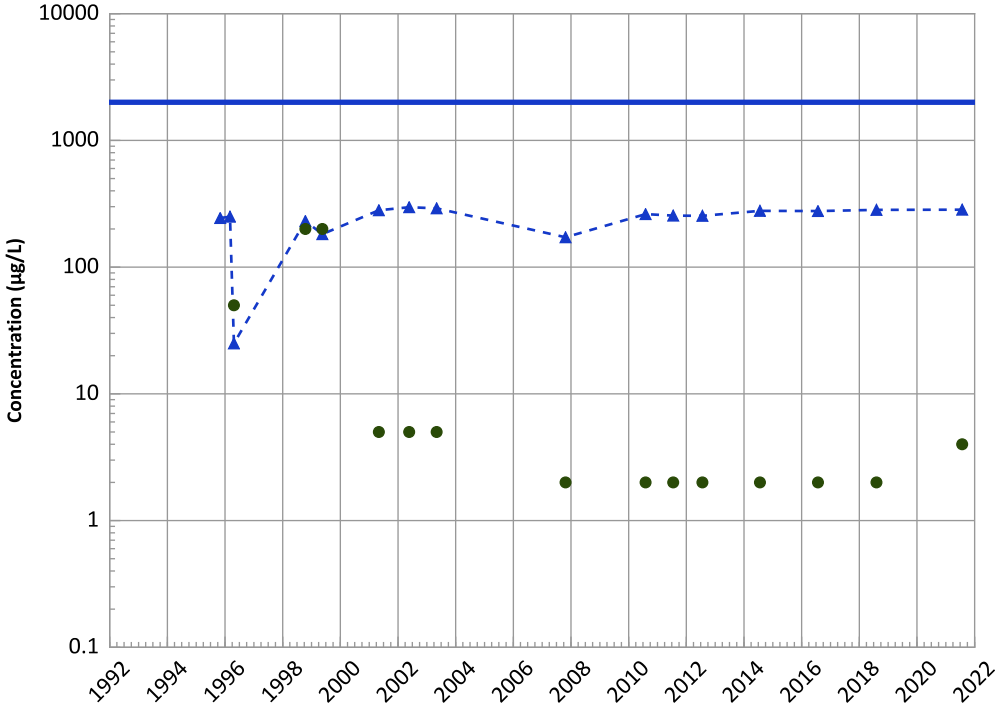
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

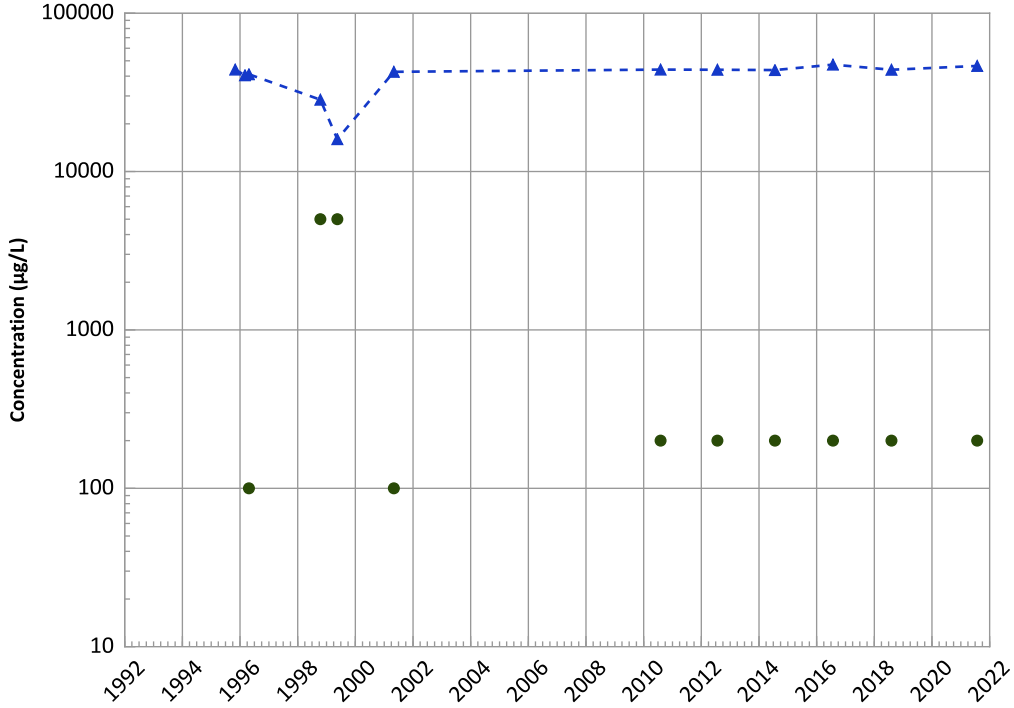


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Calcium Trend



Concentration Trend

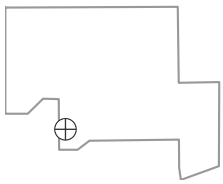
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

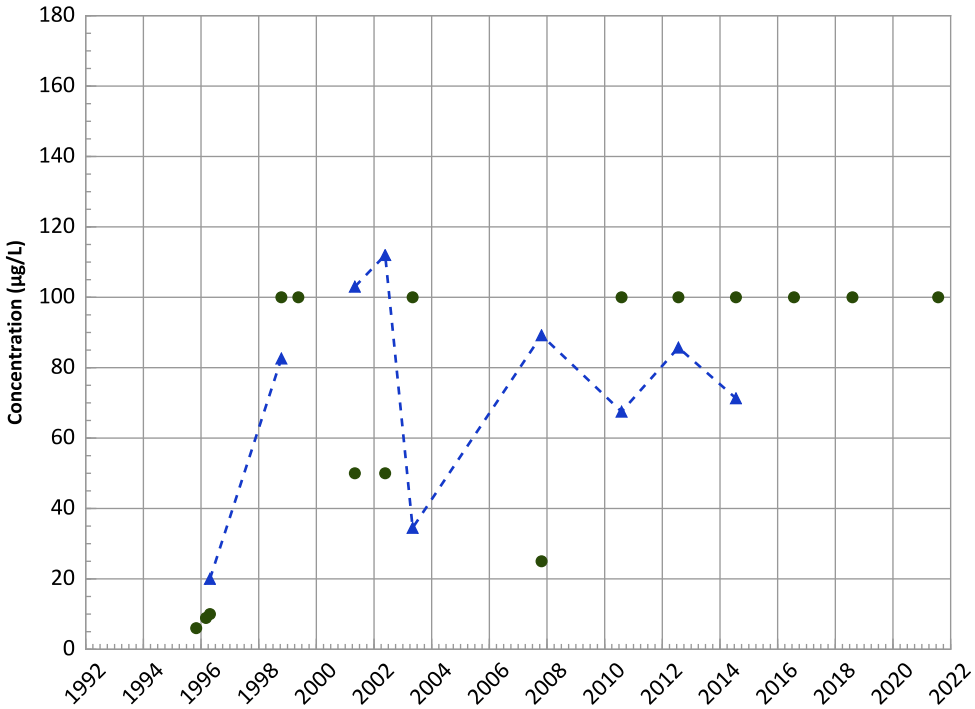
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

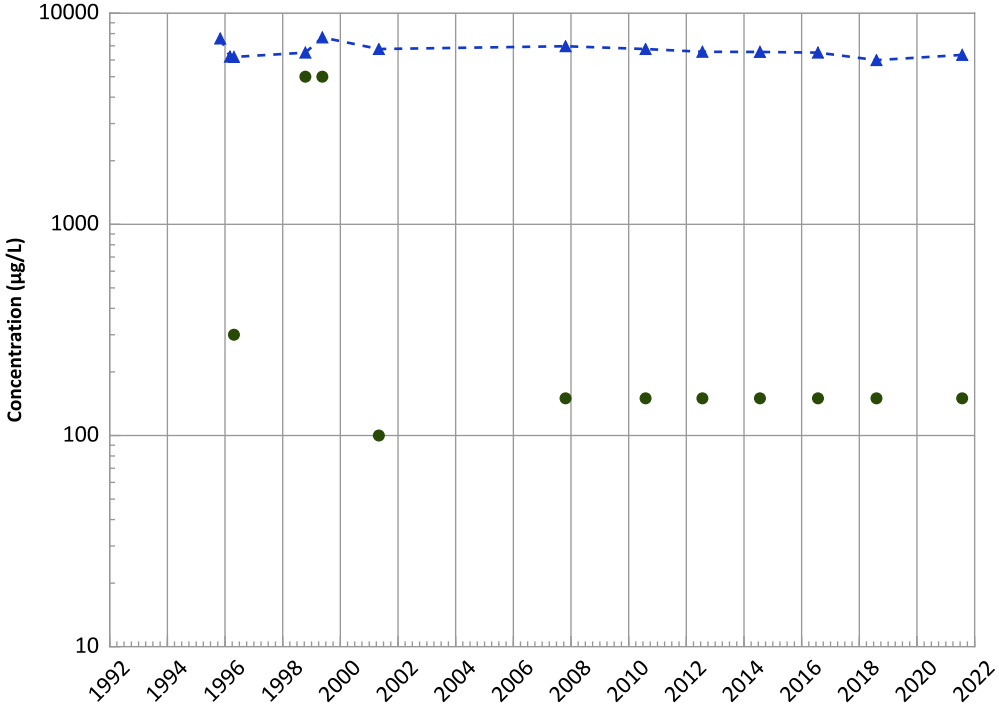


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Potassium Trend



Concentration Trend

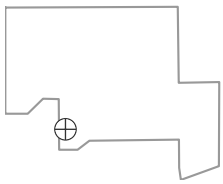
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

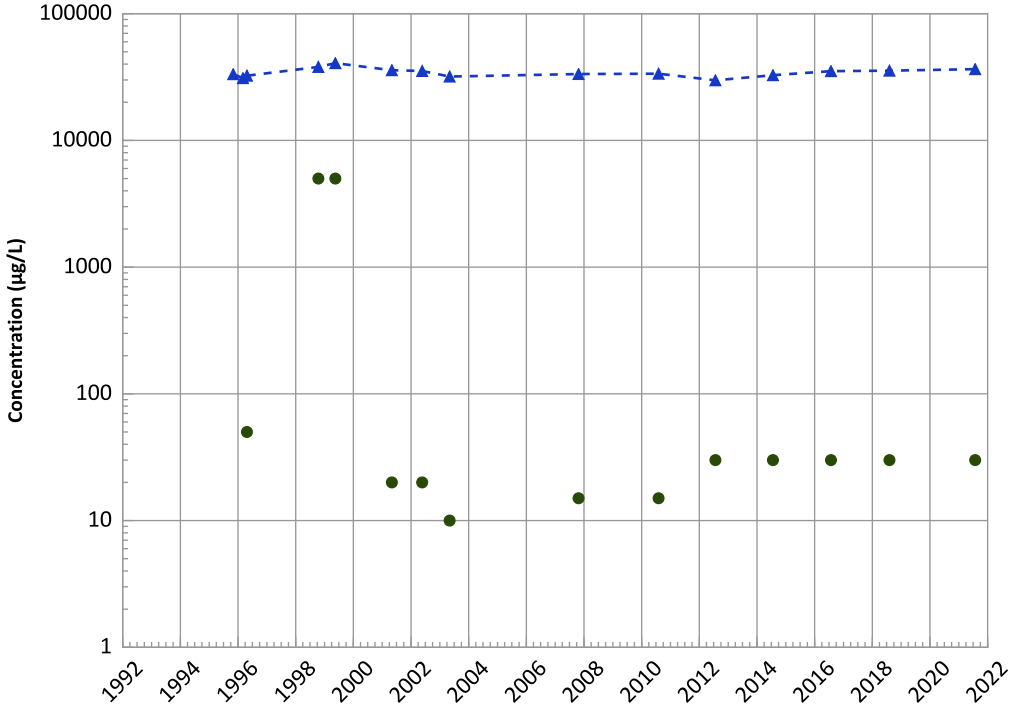
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

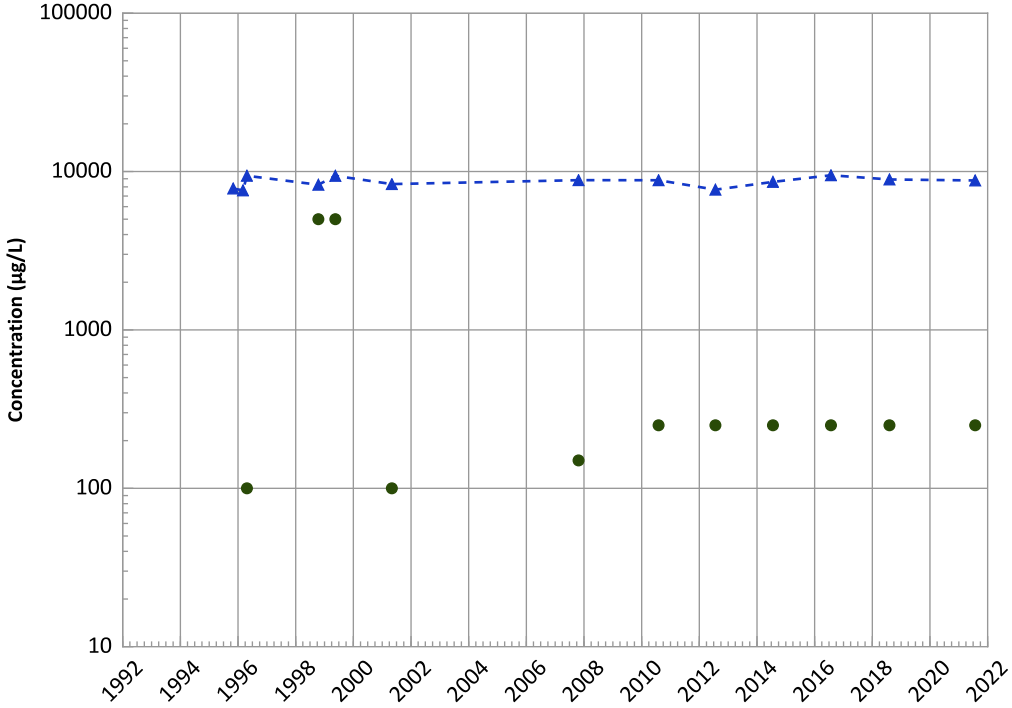


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Sodium Trend



Concentration Trend

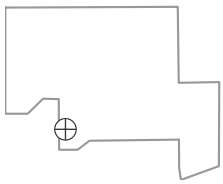
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

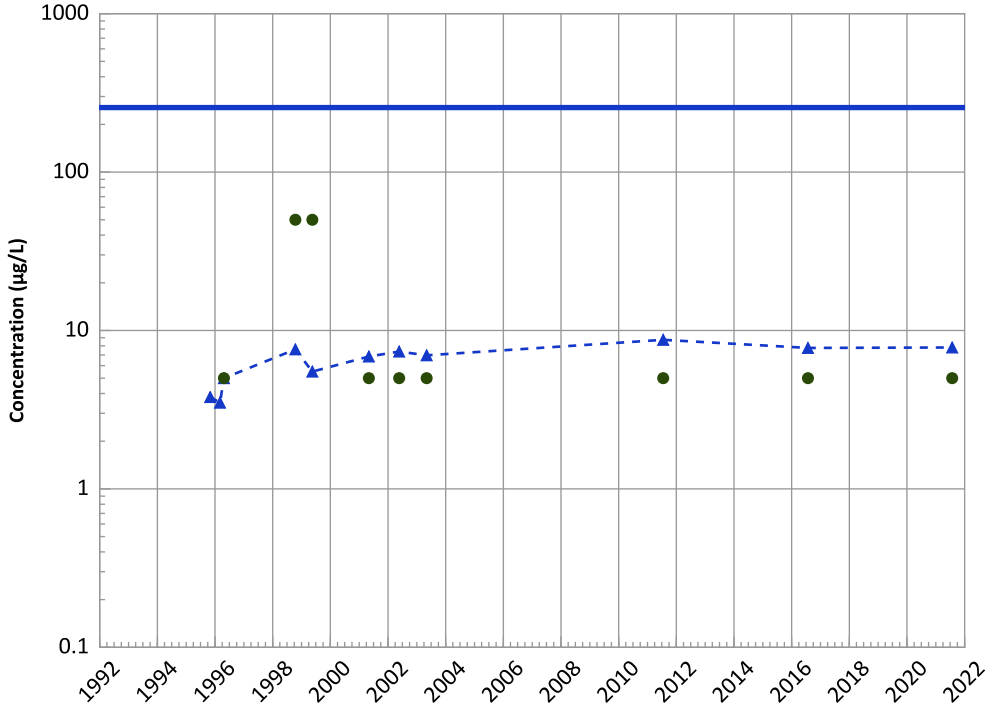
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX07-1Q02 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

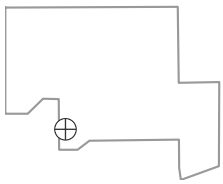
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

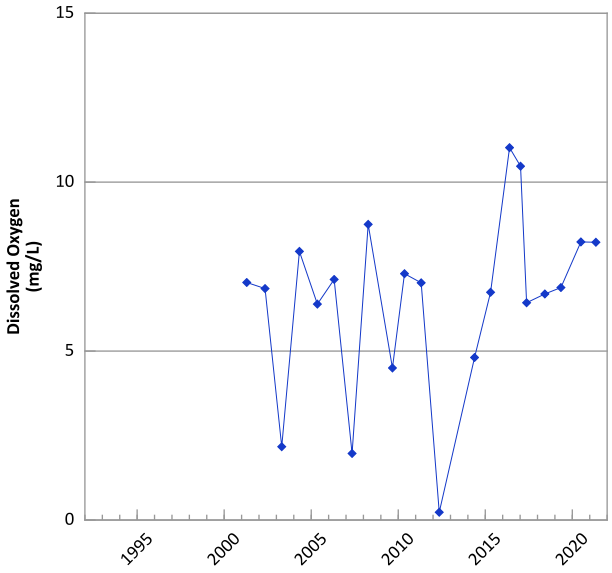
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/27/2021
Analysis Date: 04/05/2022

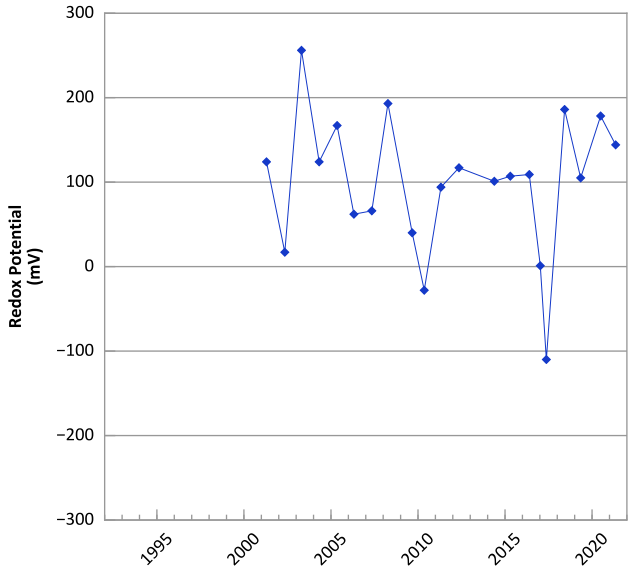
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

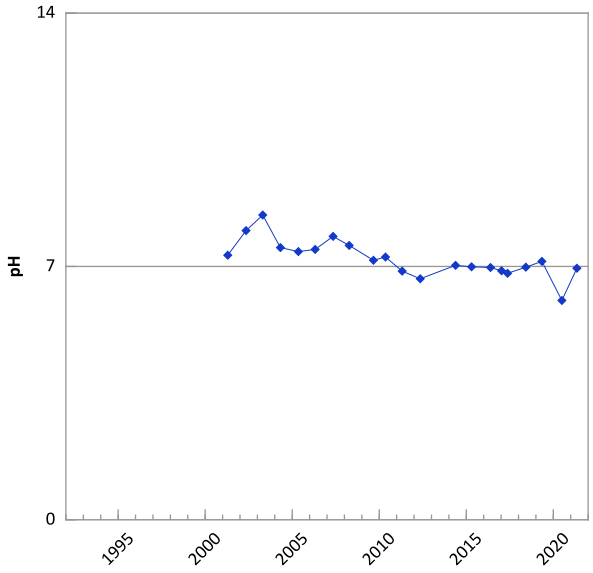
Well Location

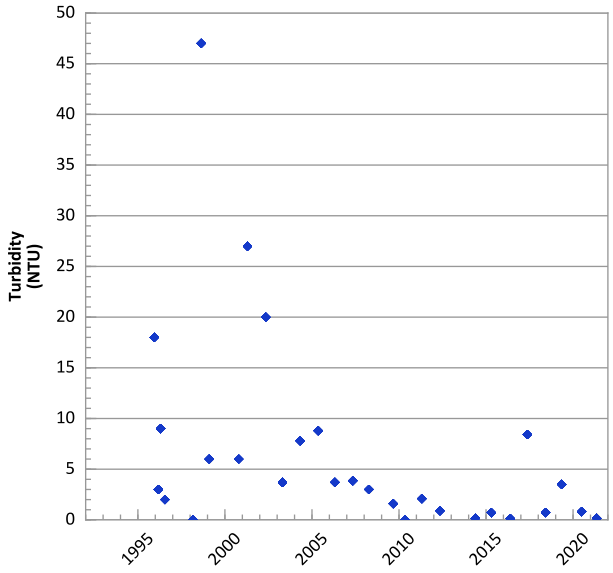


PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



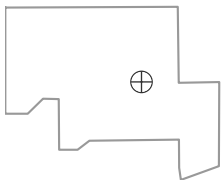






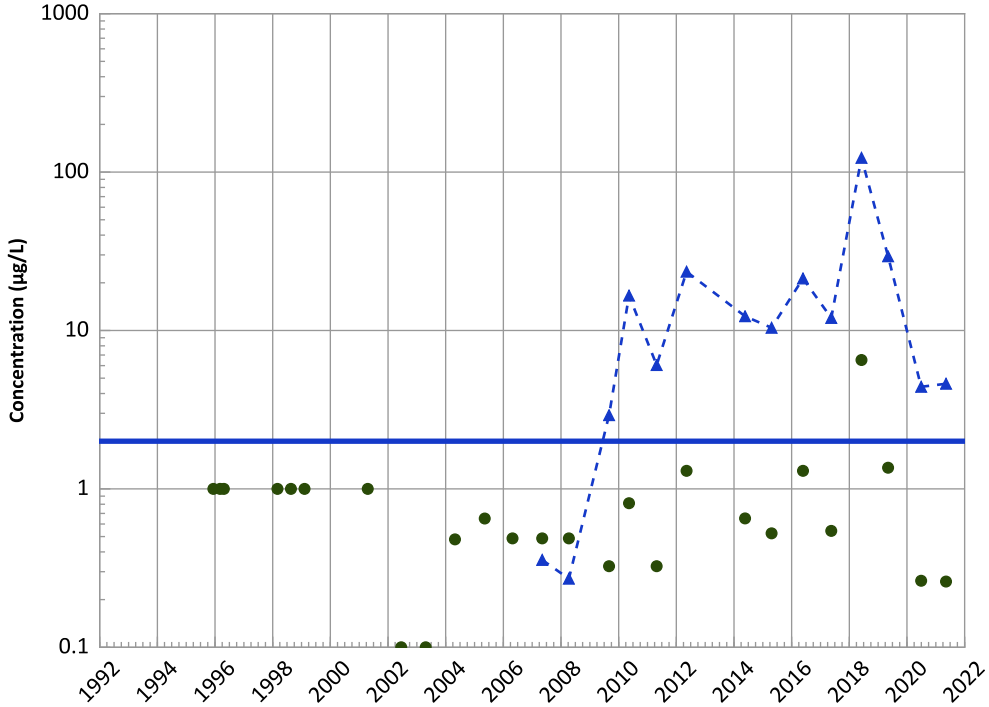
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

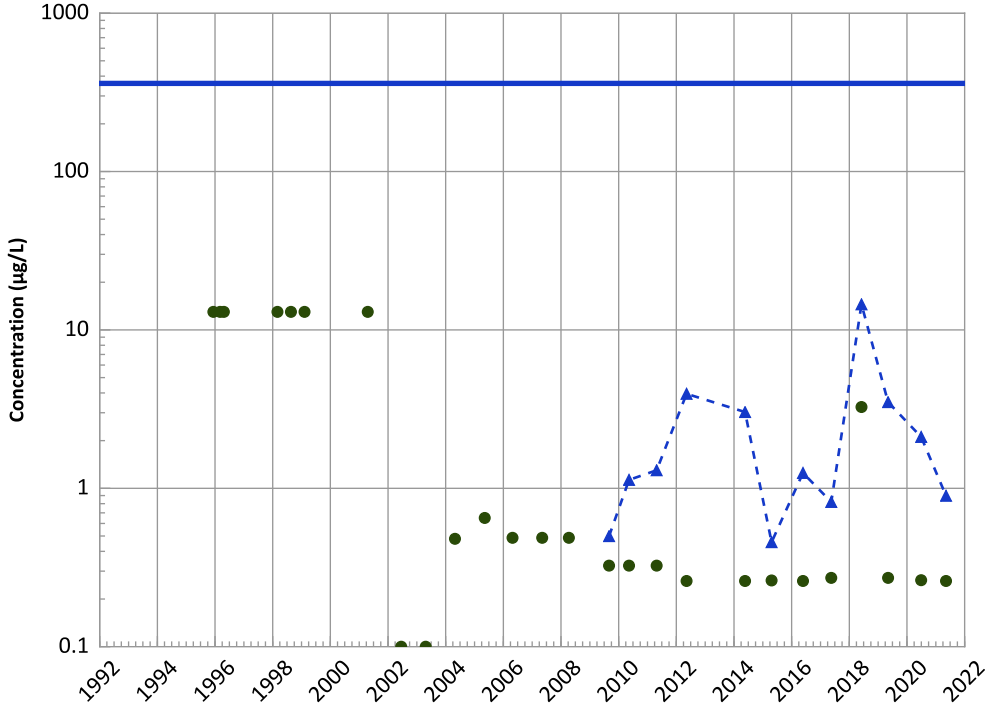


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

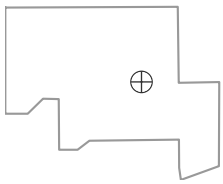
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

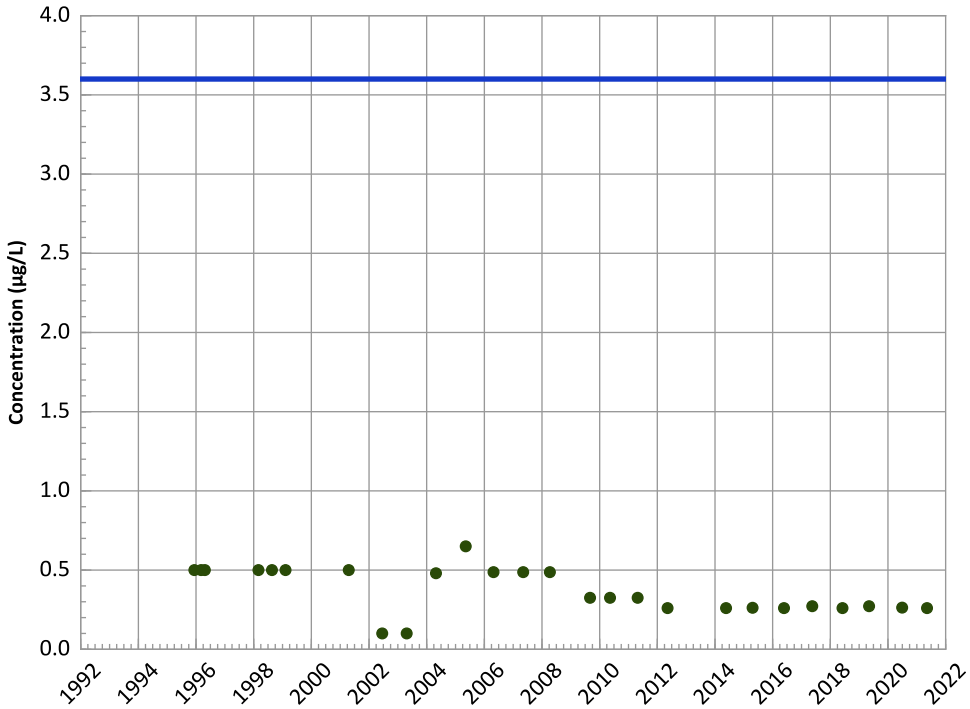
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

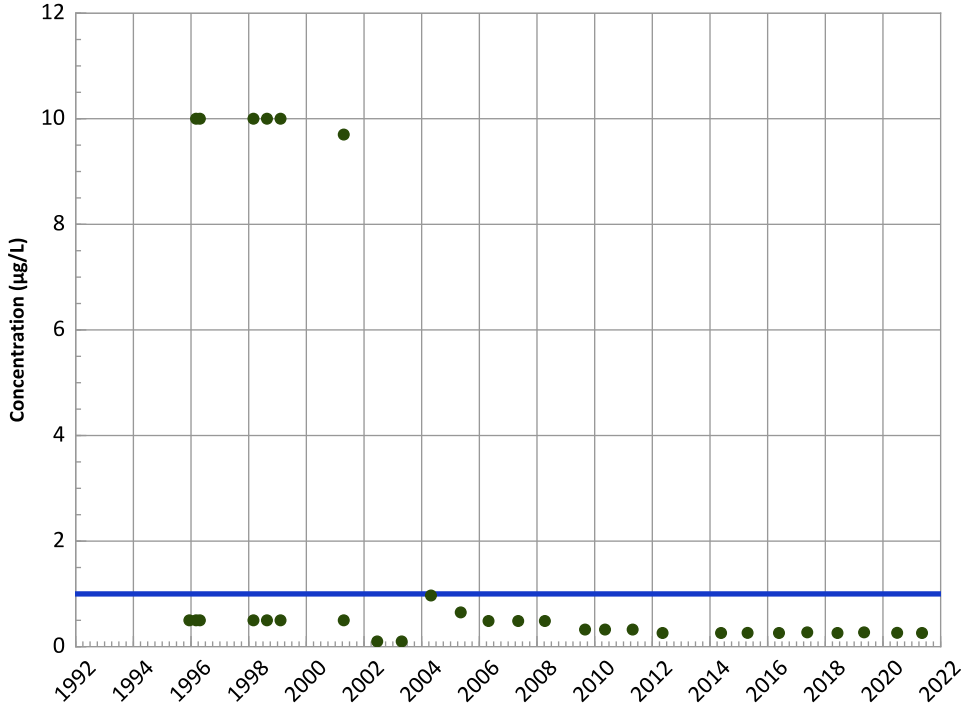


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

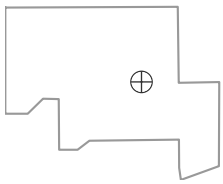
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

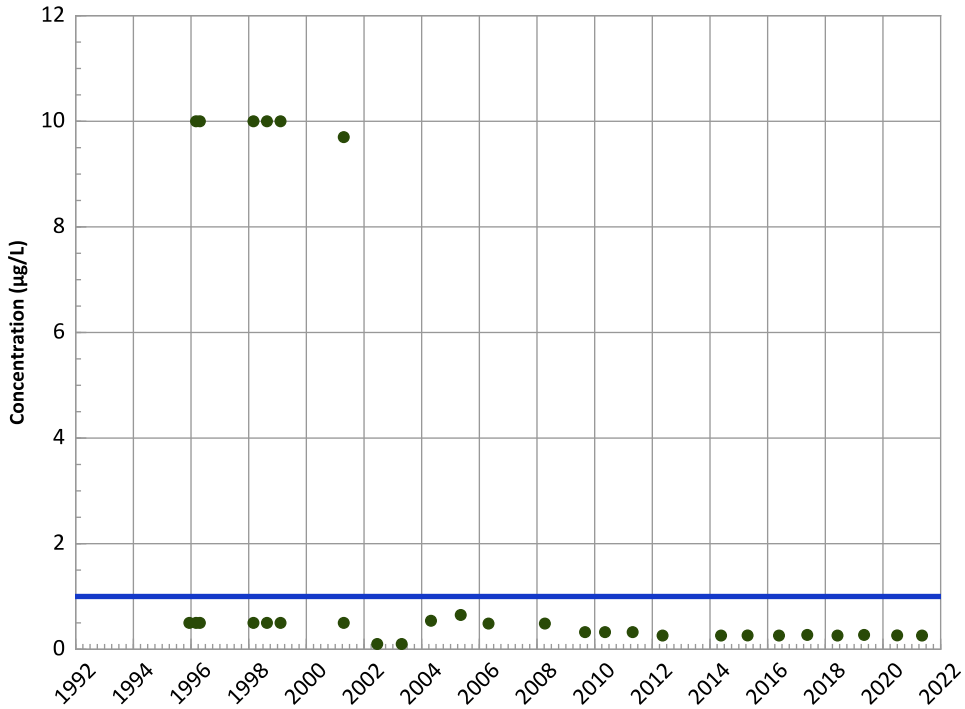
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

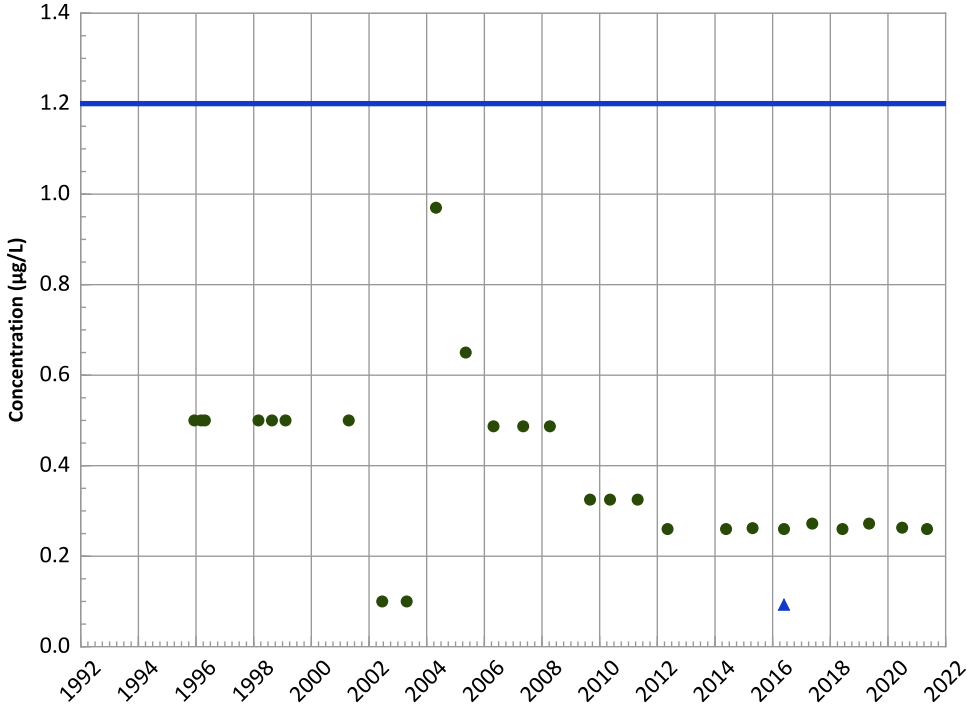


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

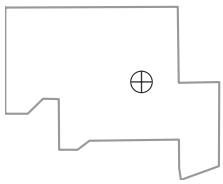
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

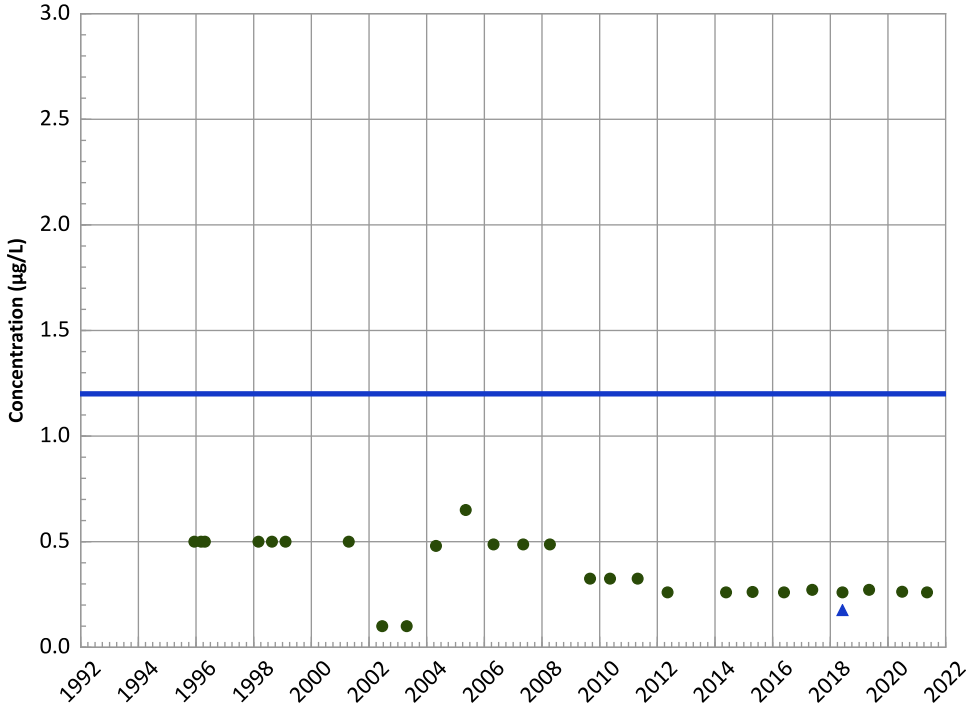
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

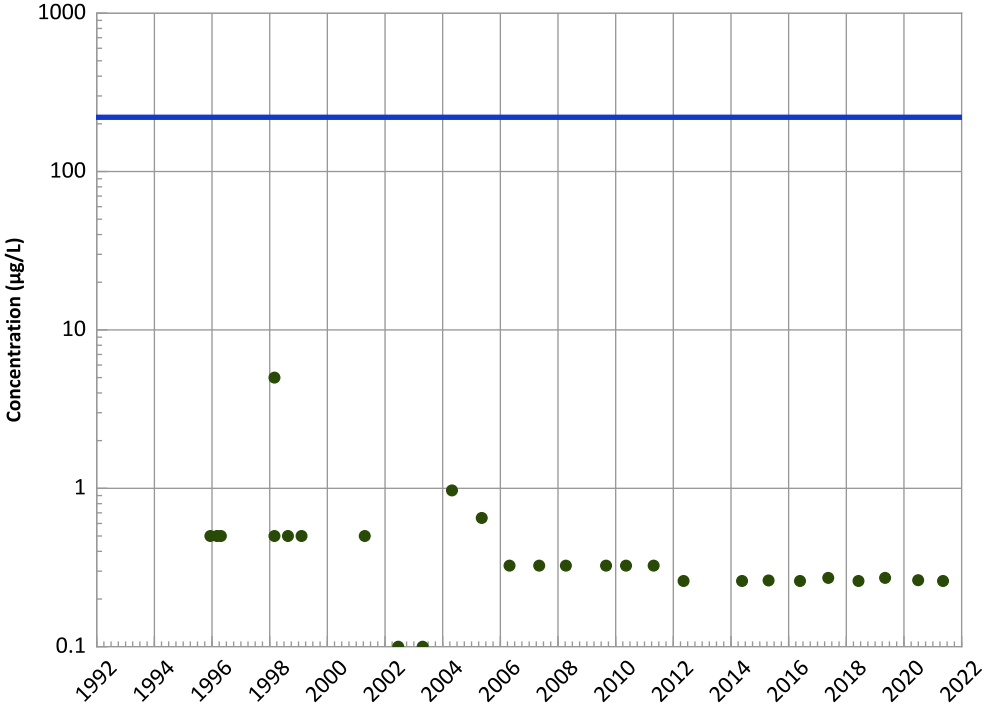


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

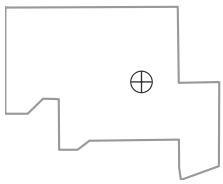
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

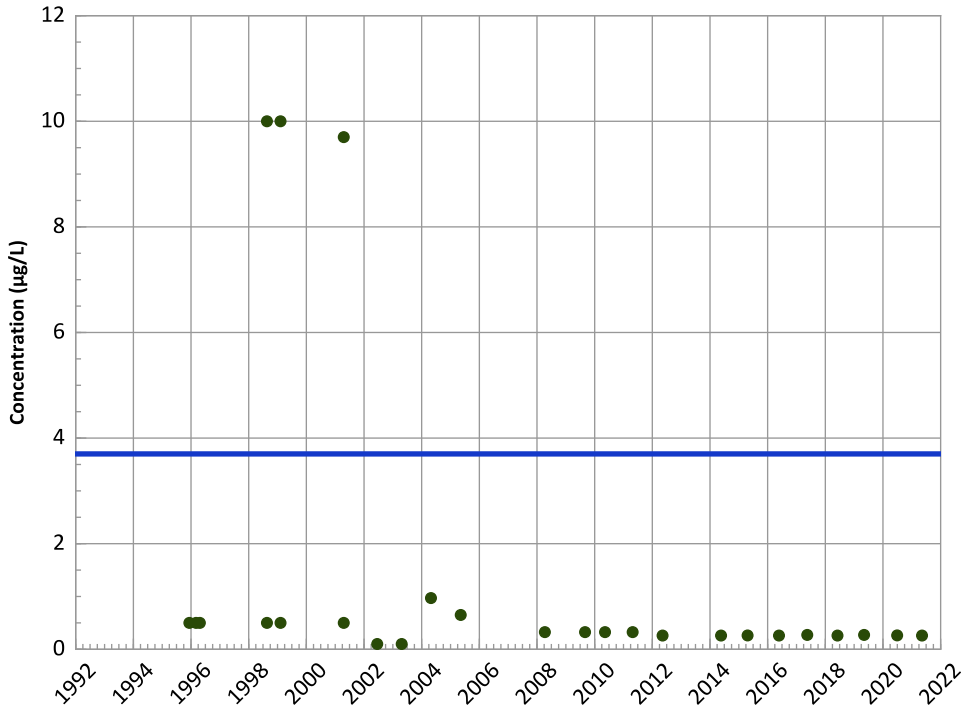
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

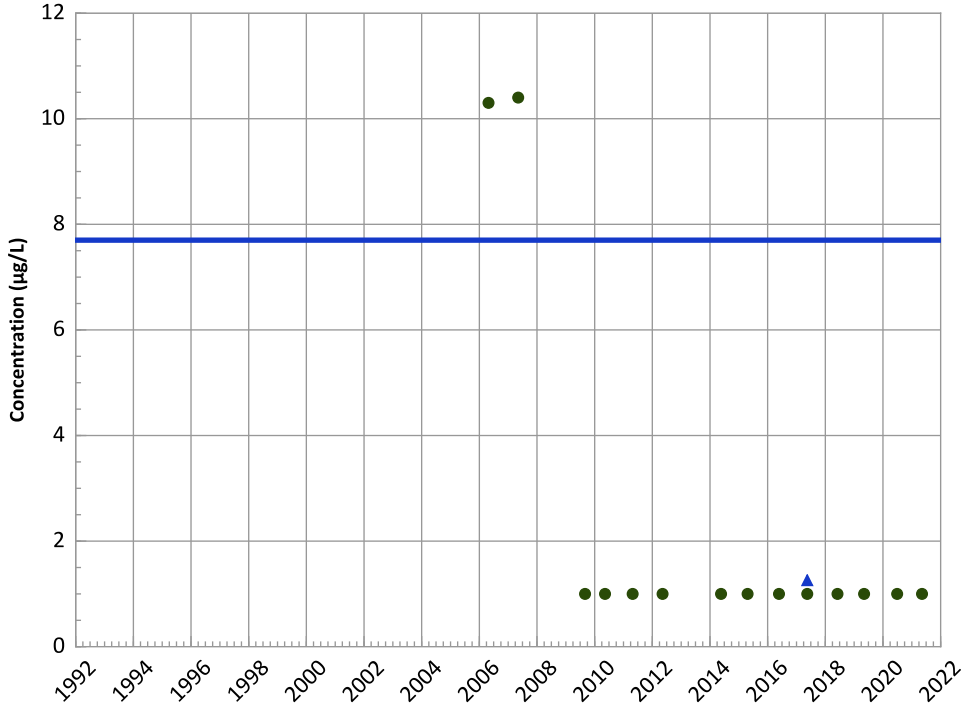


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

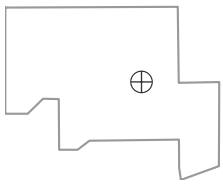
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

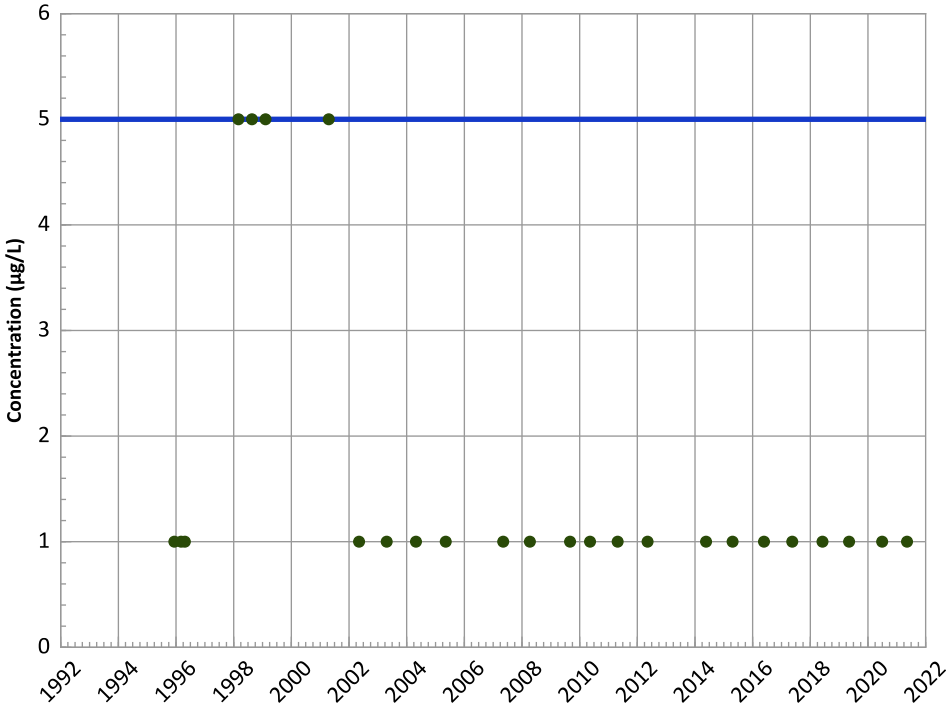
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

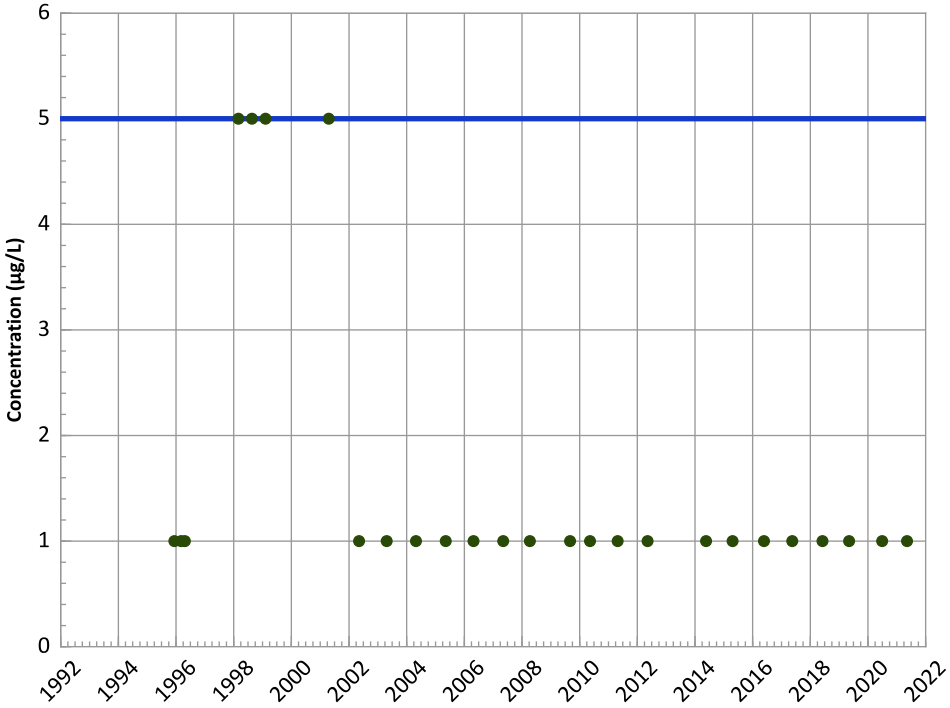


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

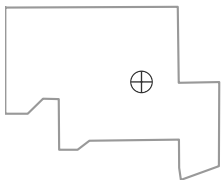
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

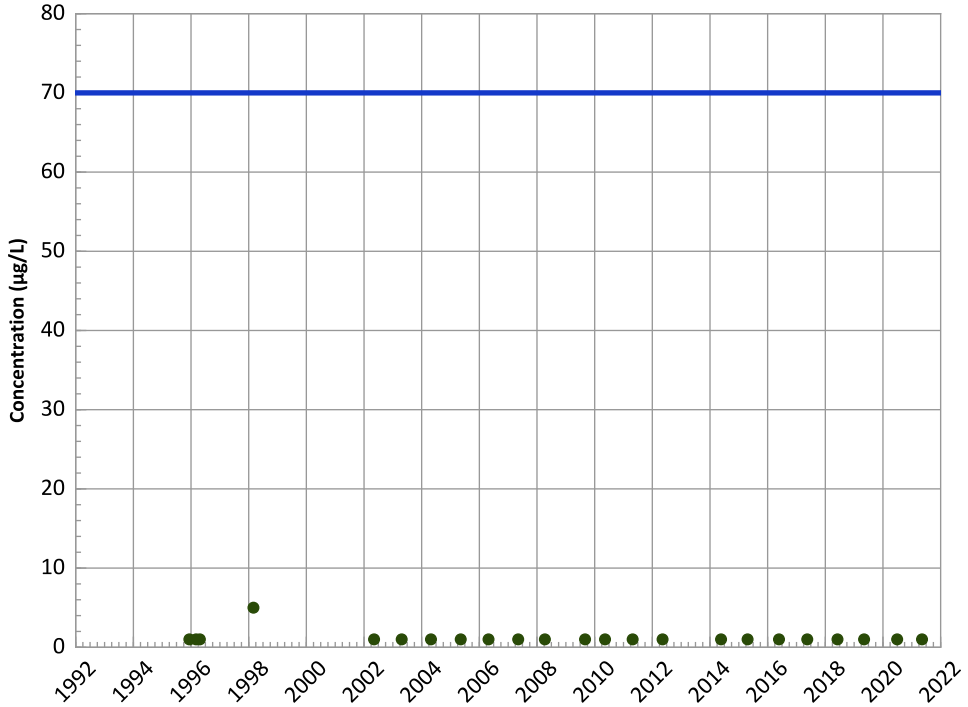
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

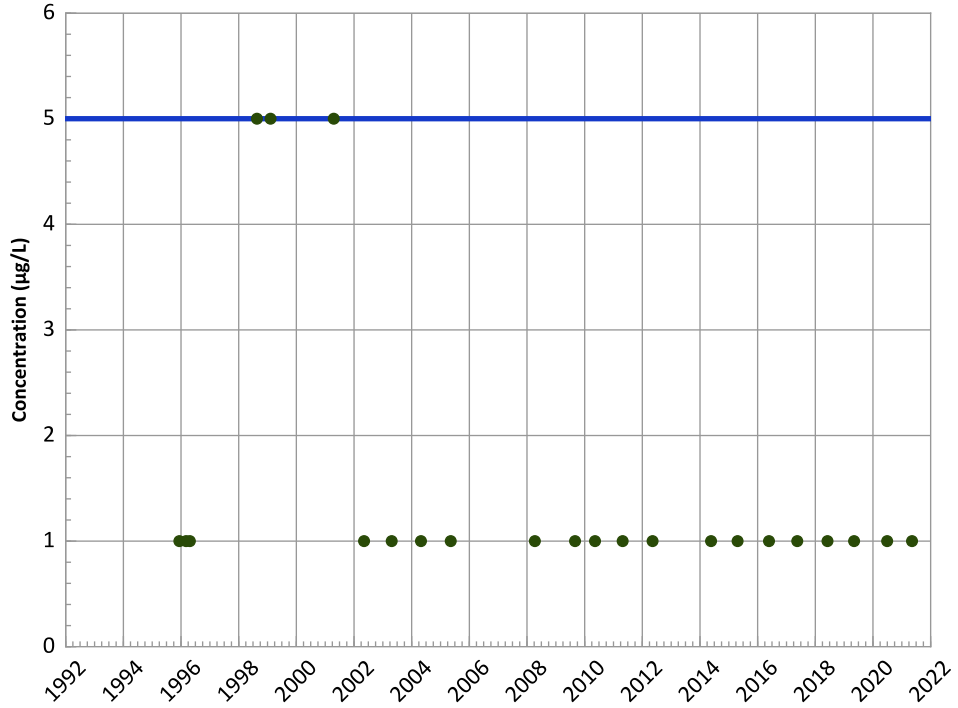


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

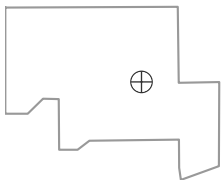
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

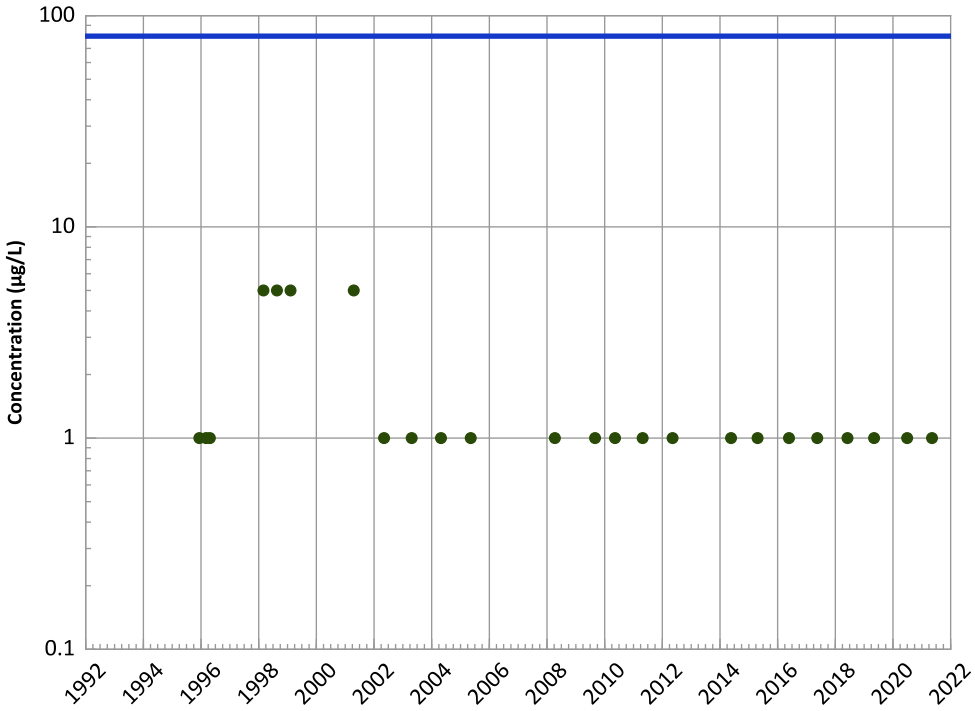
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

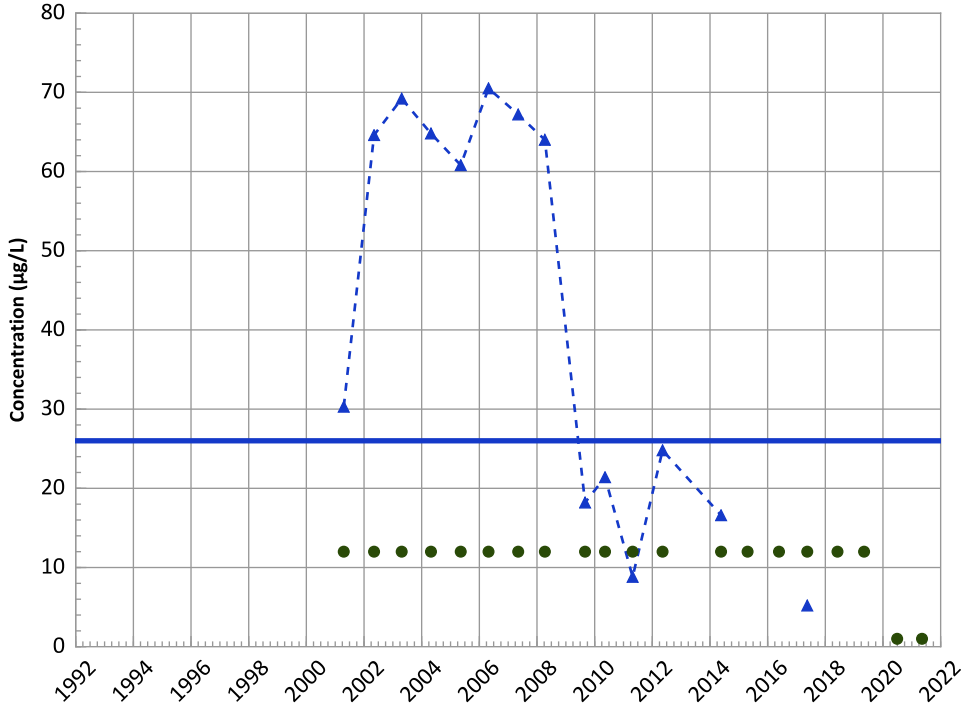


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

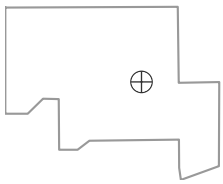
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

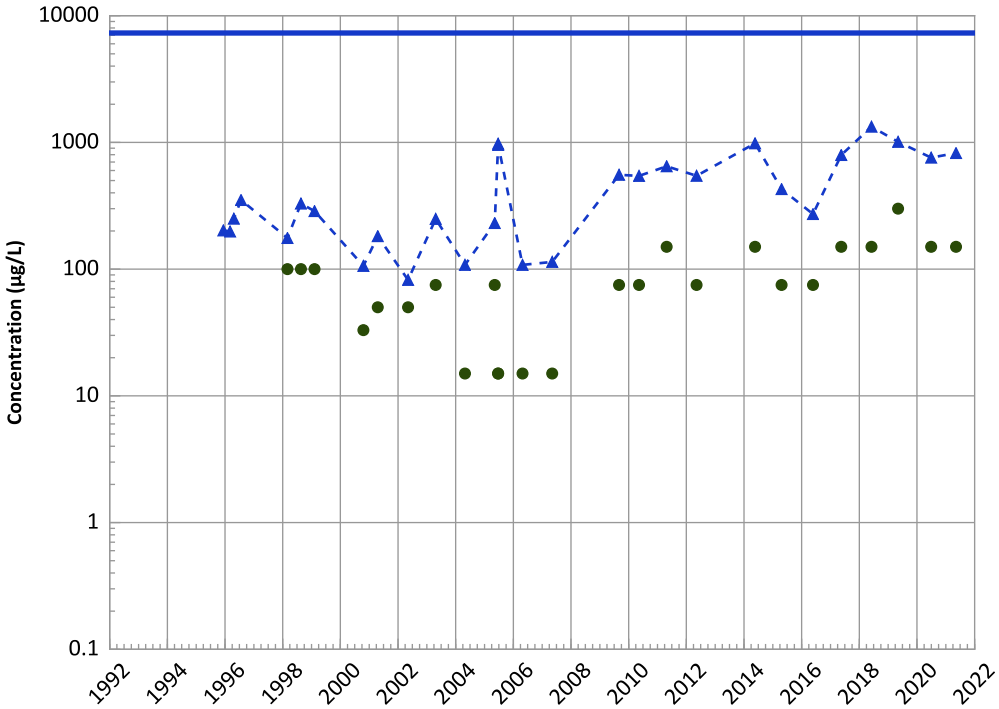
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

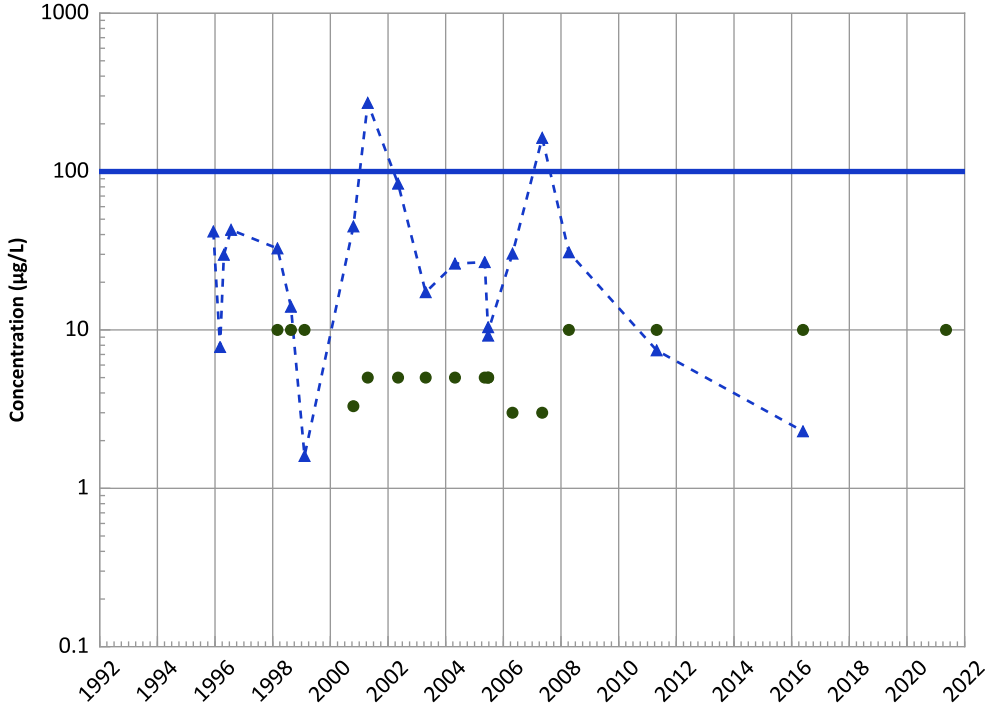


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

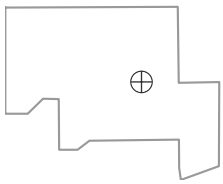
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

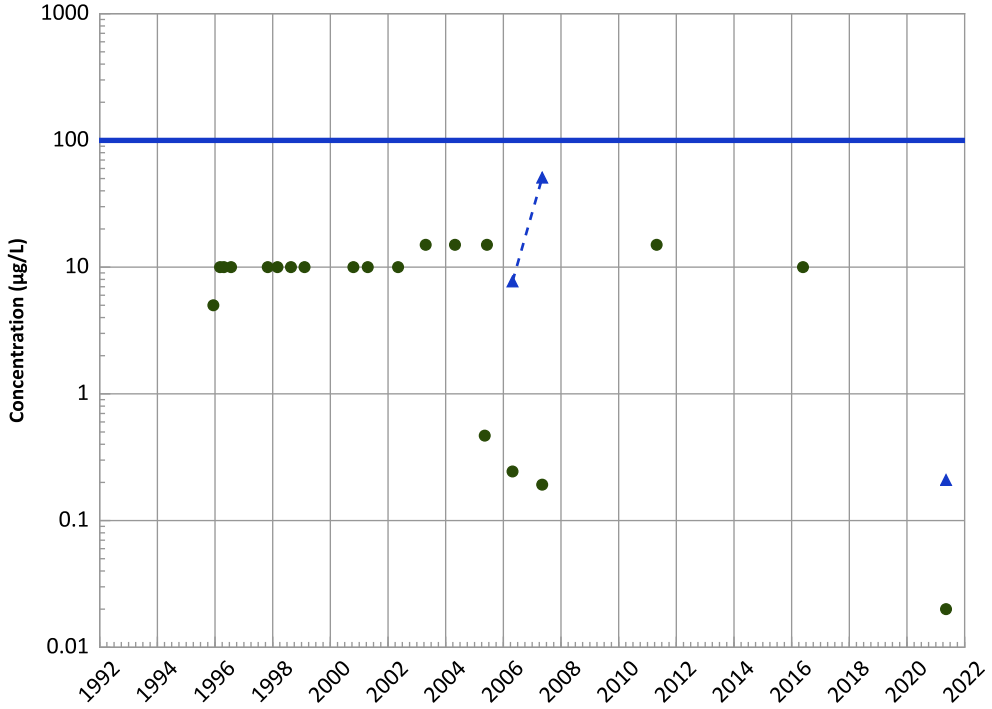
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

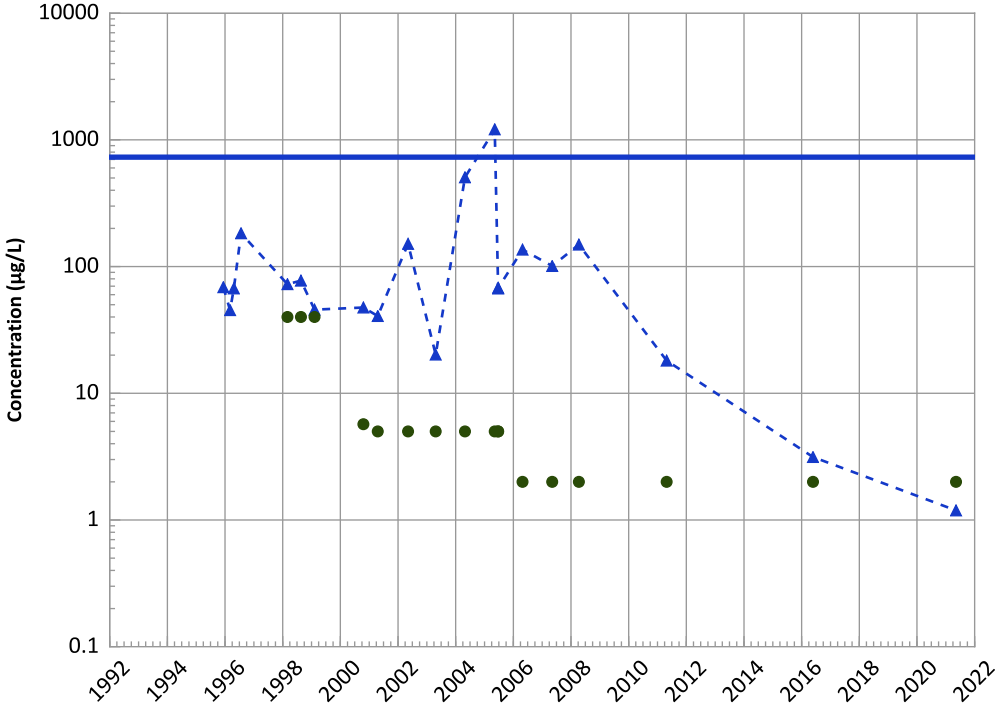


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Nickel Trend



Concentration Trend

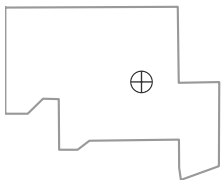
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

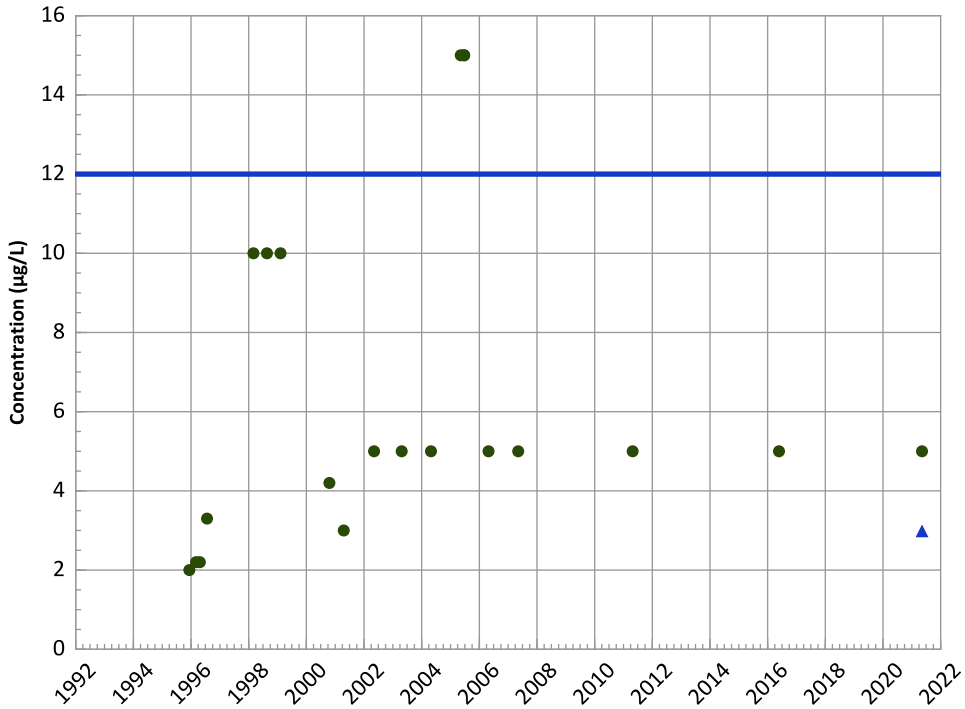
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

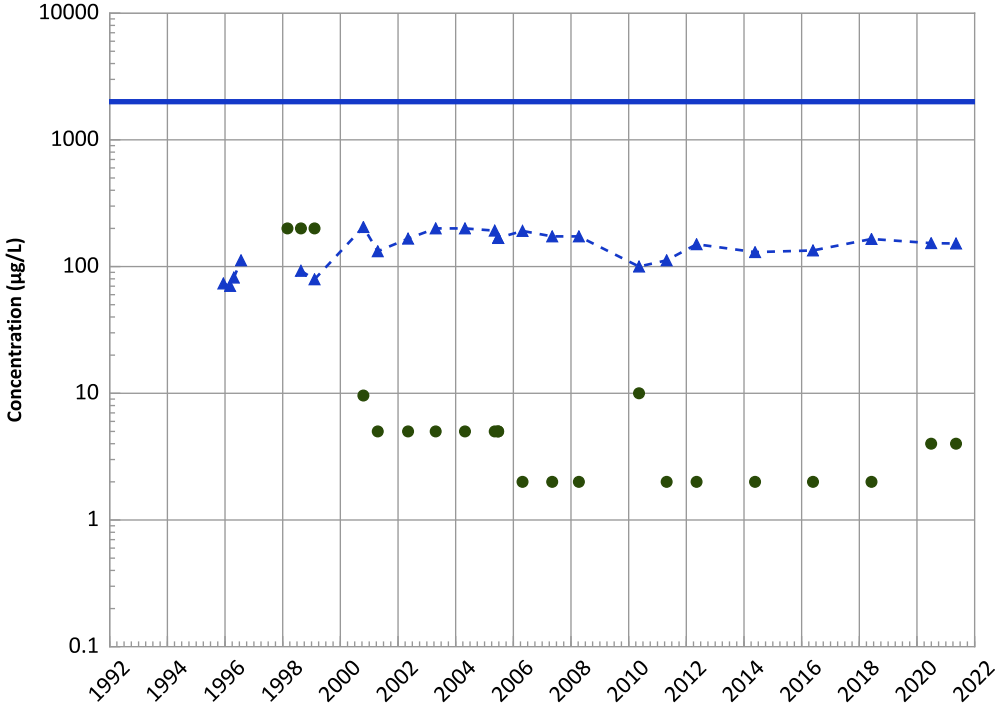


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

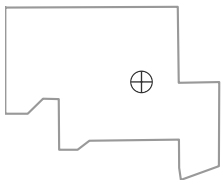
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

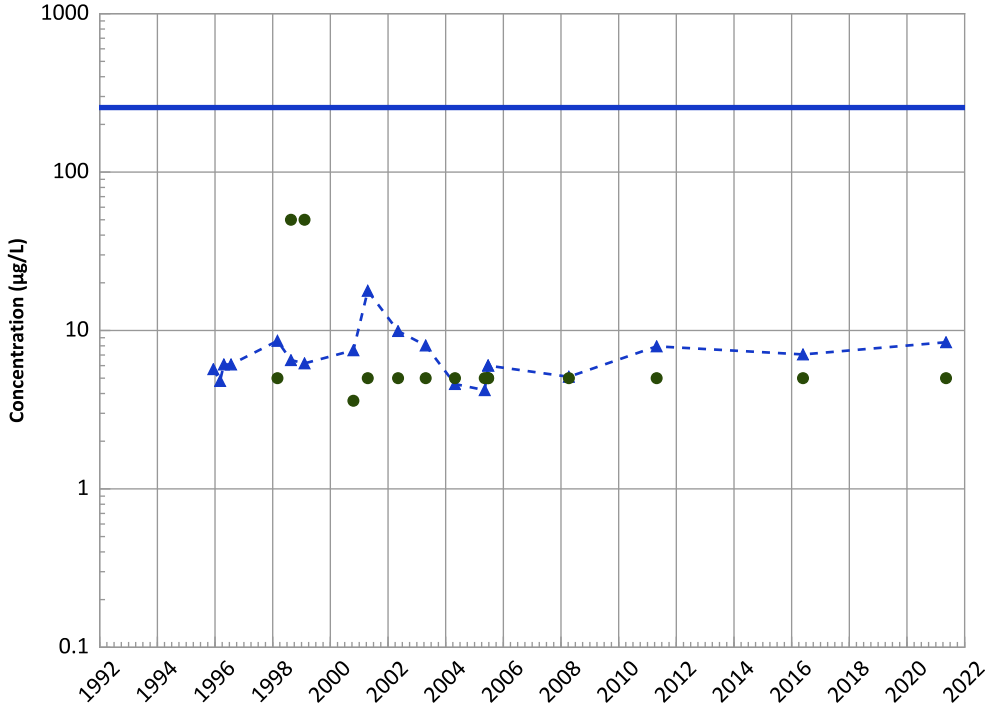
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX08-1001 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

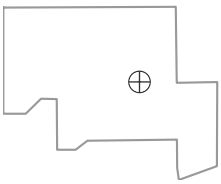
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
No Trend

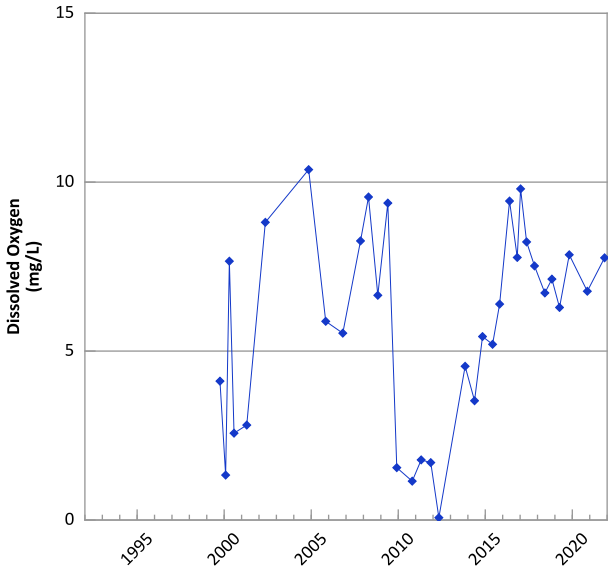
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/11/1995 to 05/10/2021
Analysis Date: 04/05/2022

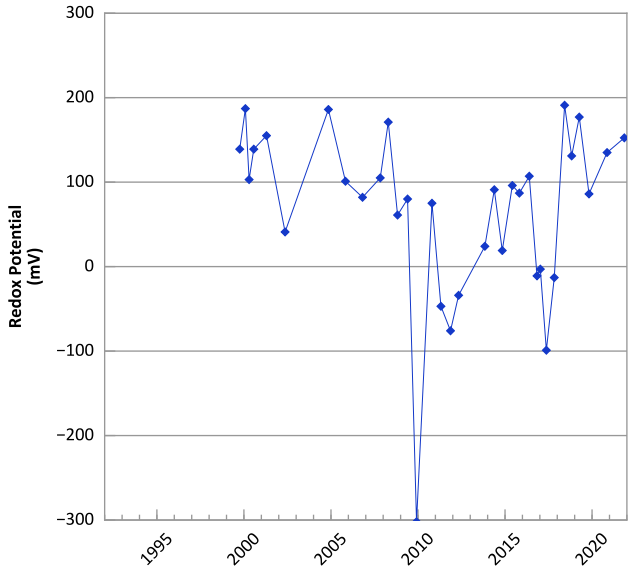
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

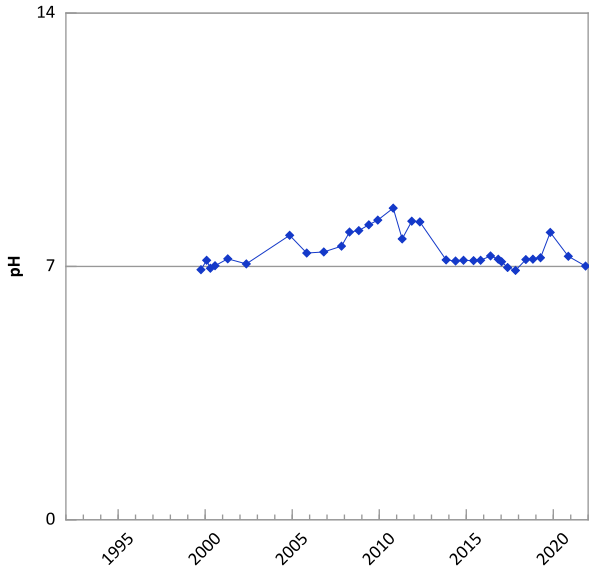
Well Location

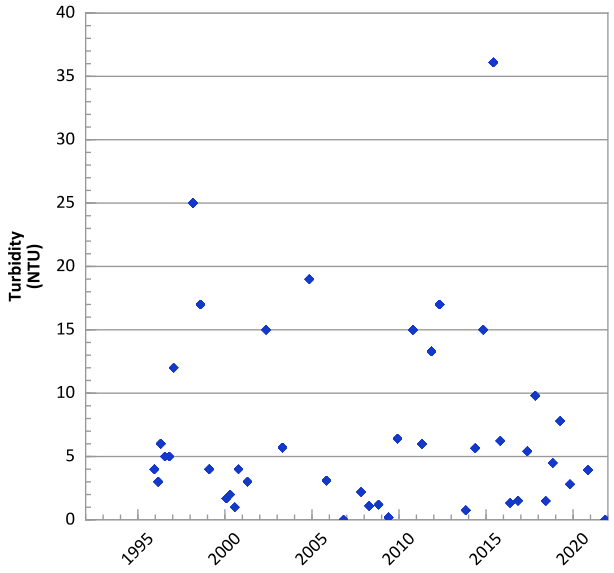


PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



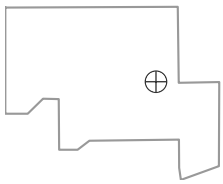






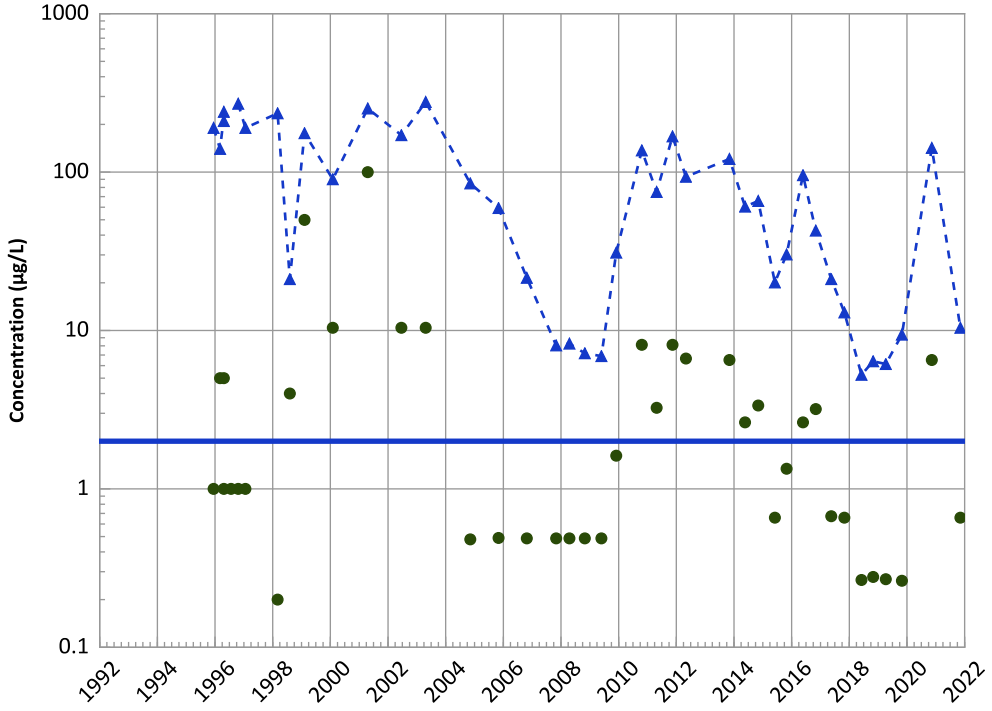
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

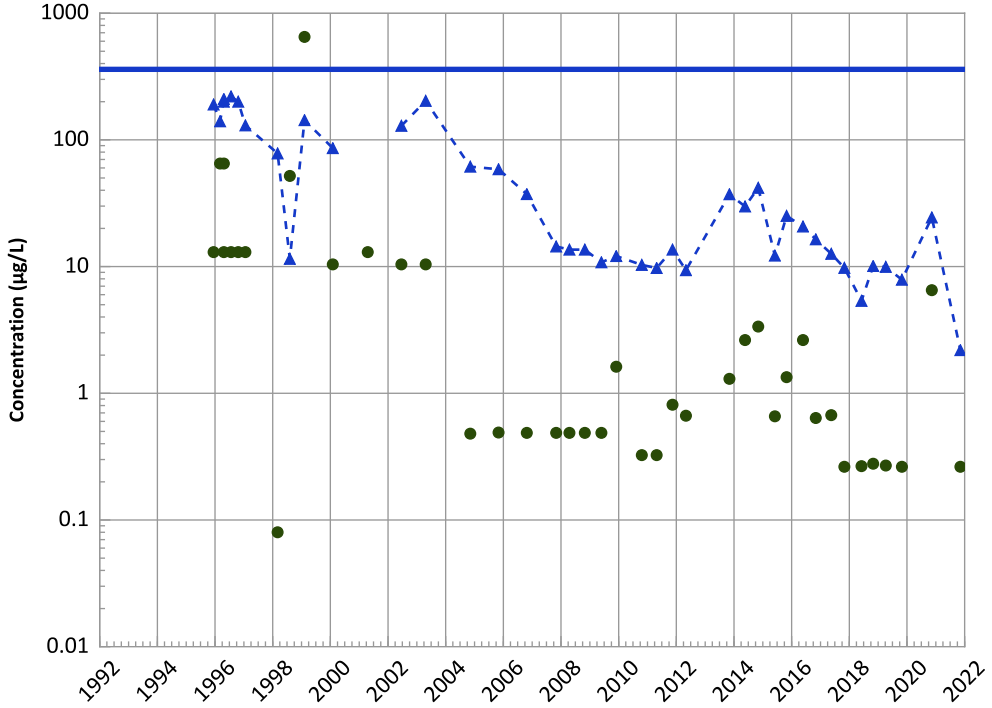


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

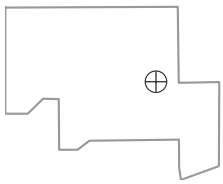
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

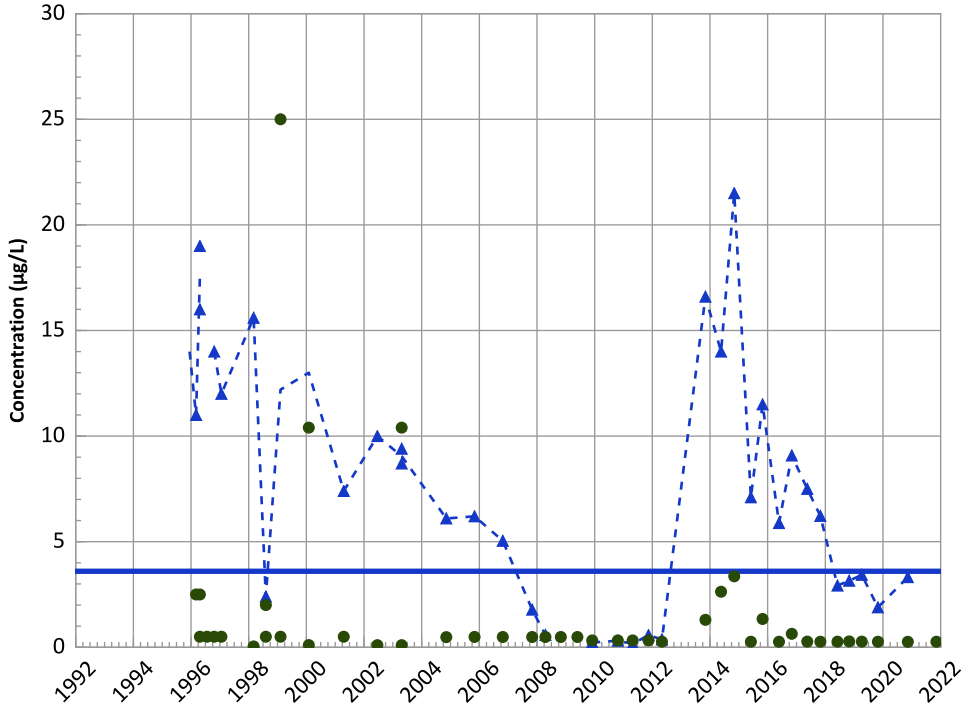
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

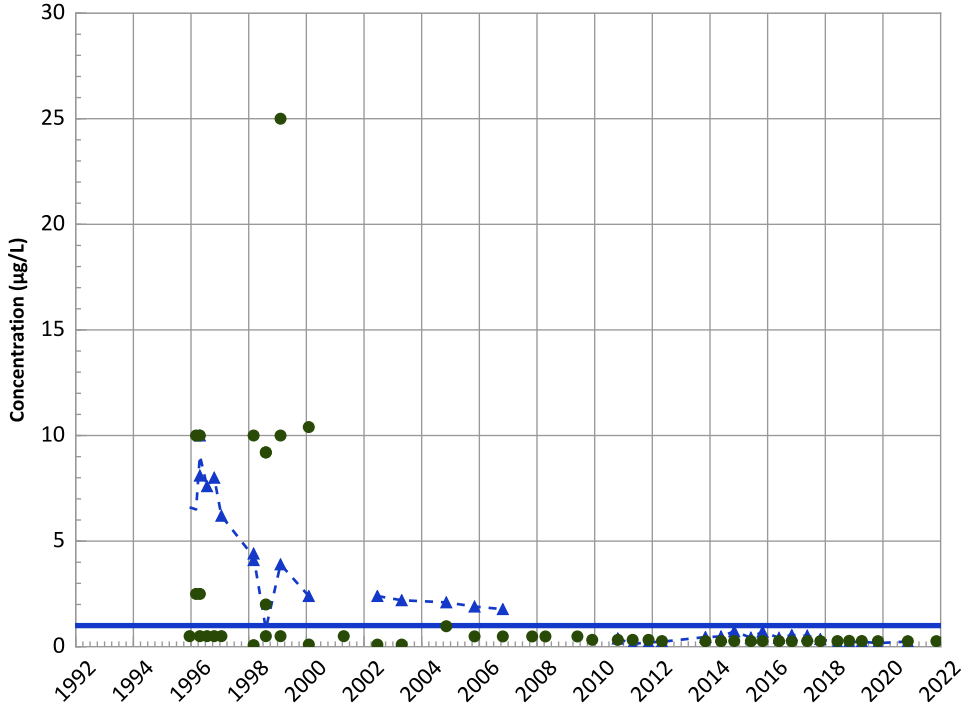


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

2,4-Dinitrotoluene Trend



Concentration Trend

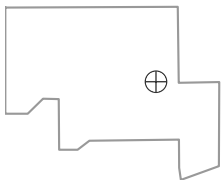
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

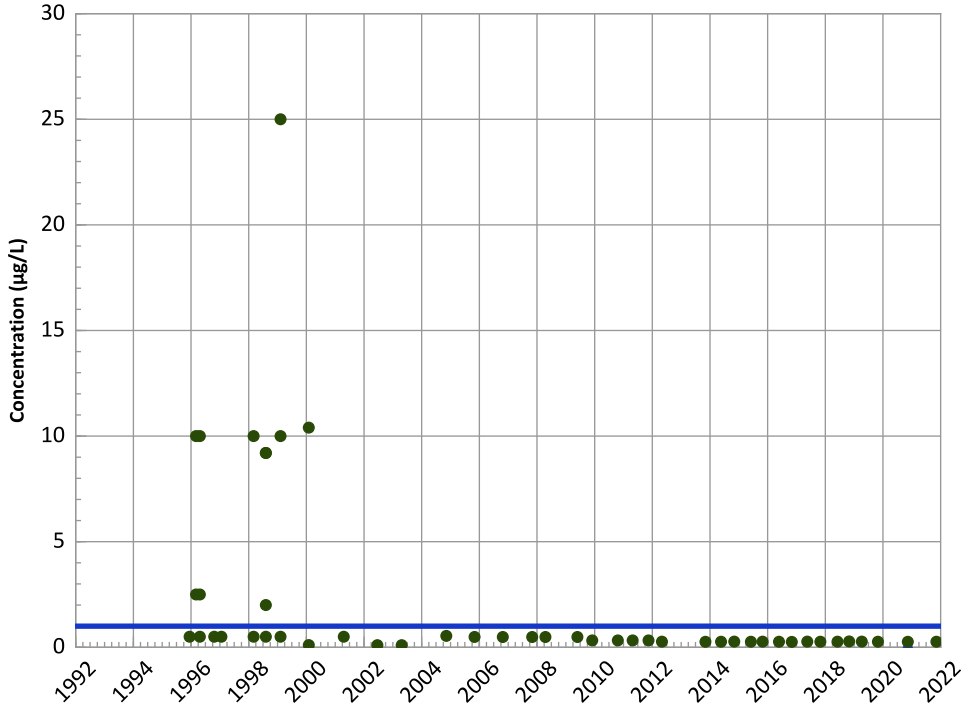
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

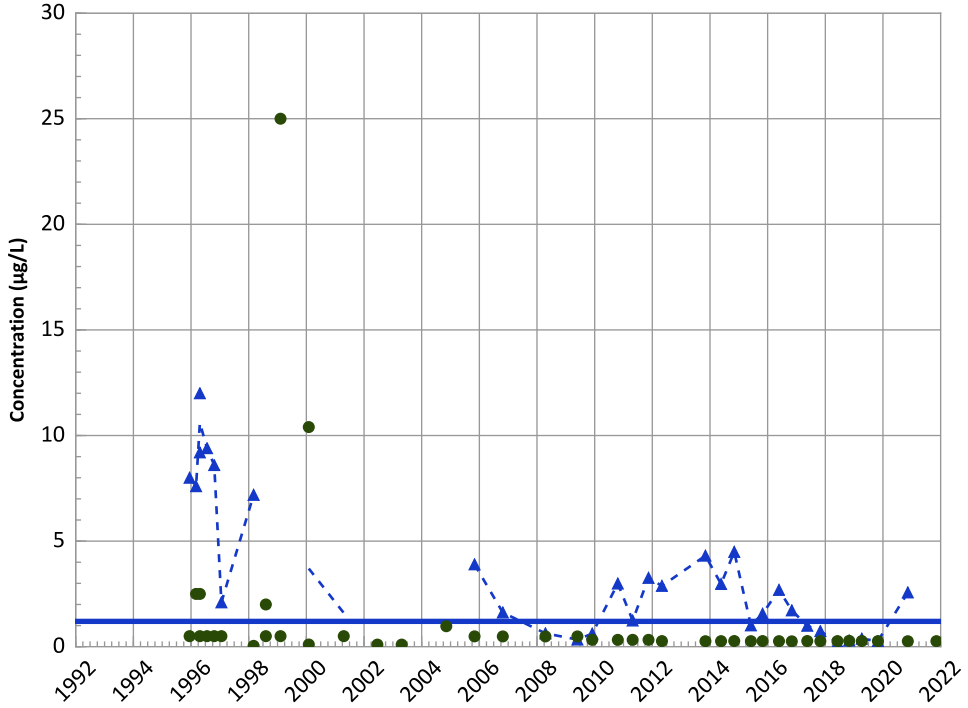


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

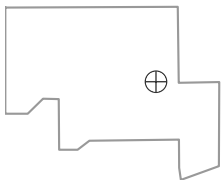
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

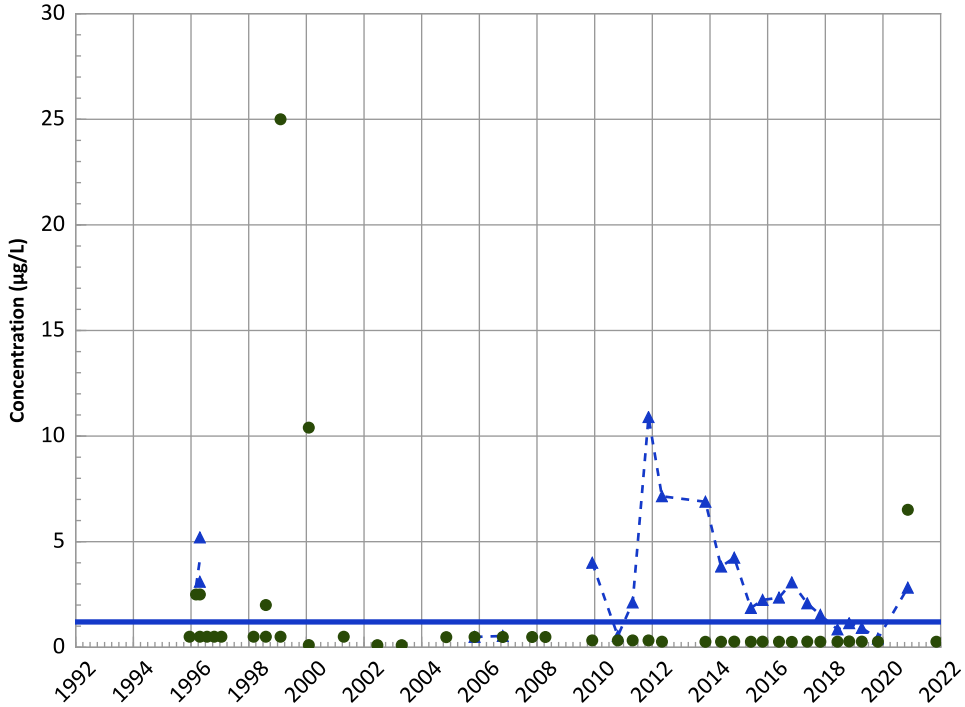
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

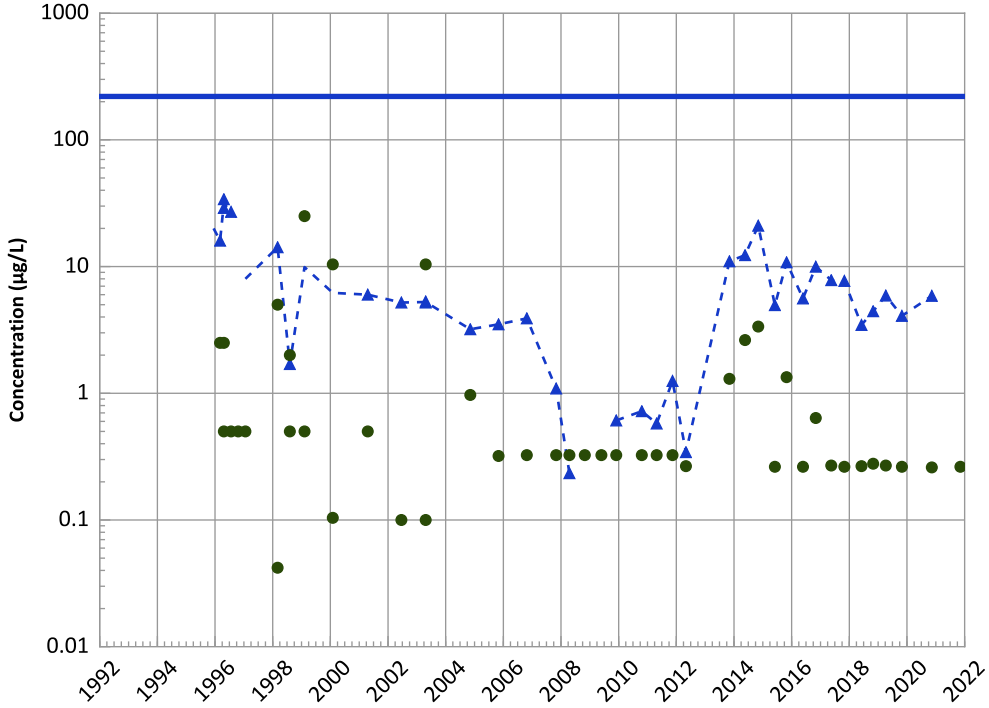


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

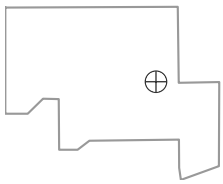
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

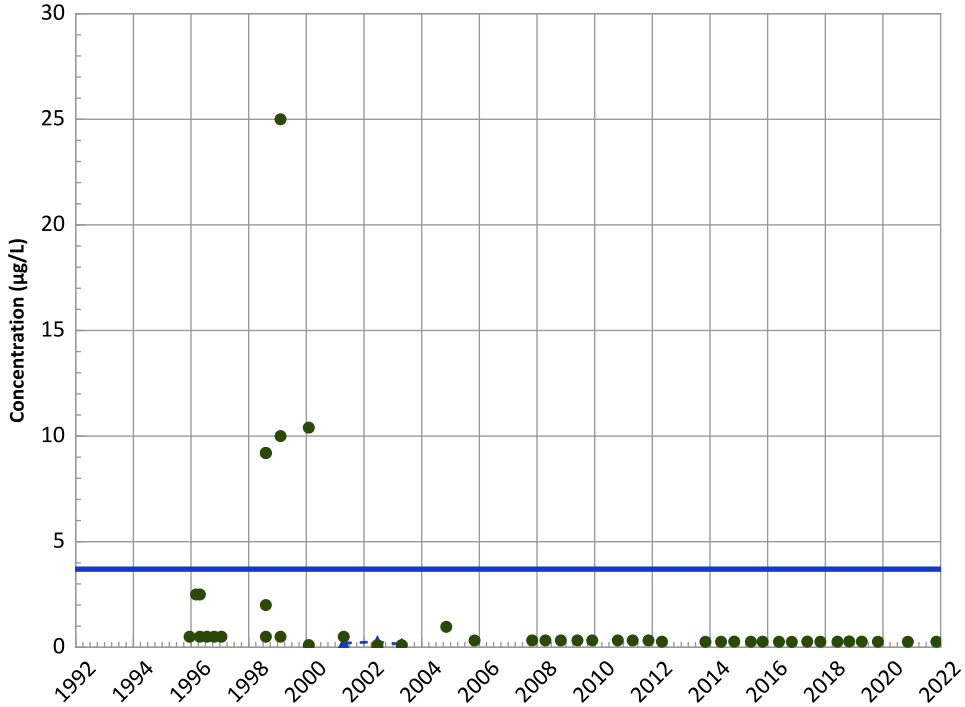
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

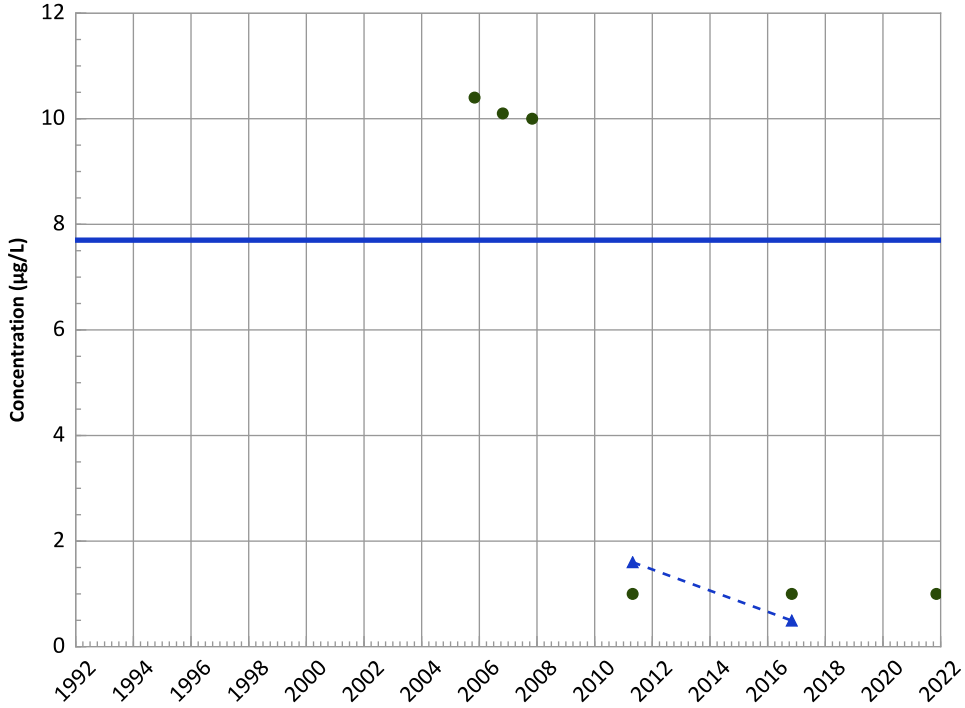


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

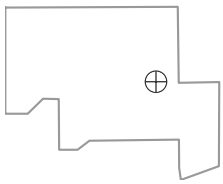
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

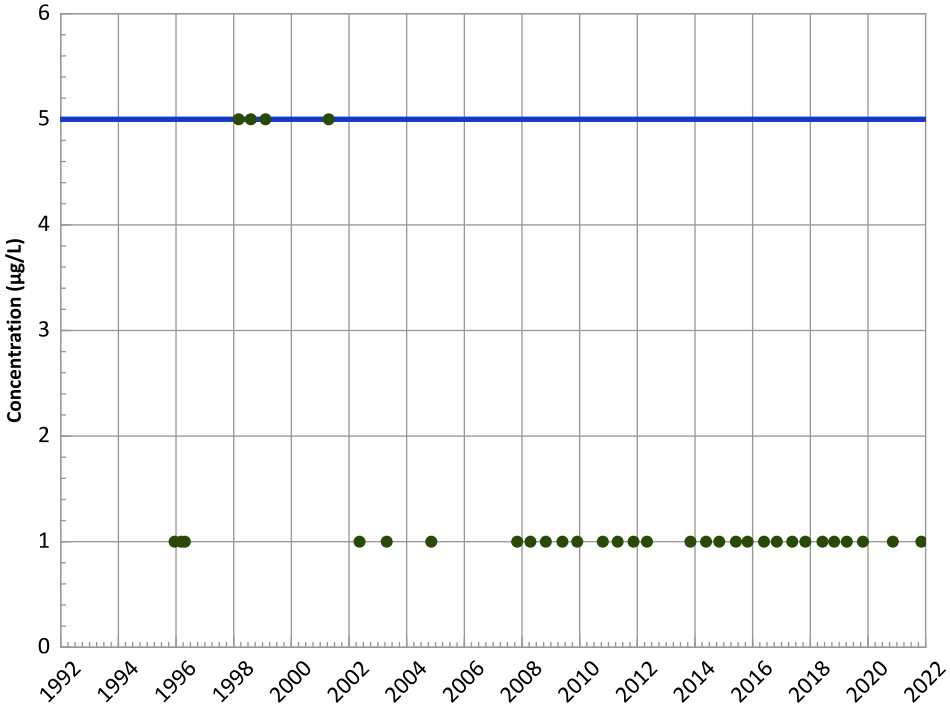
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

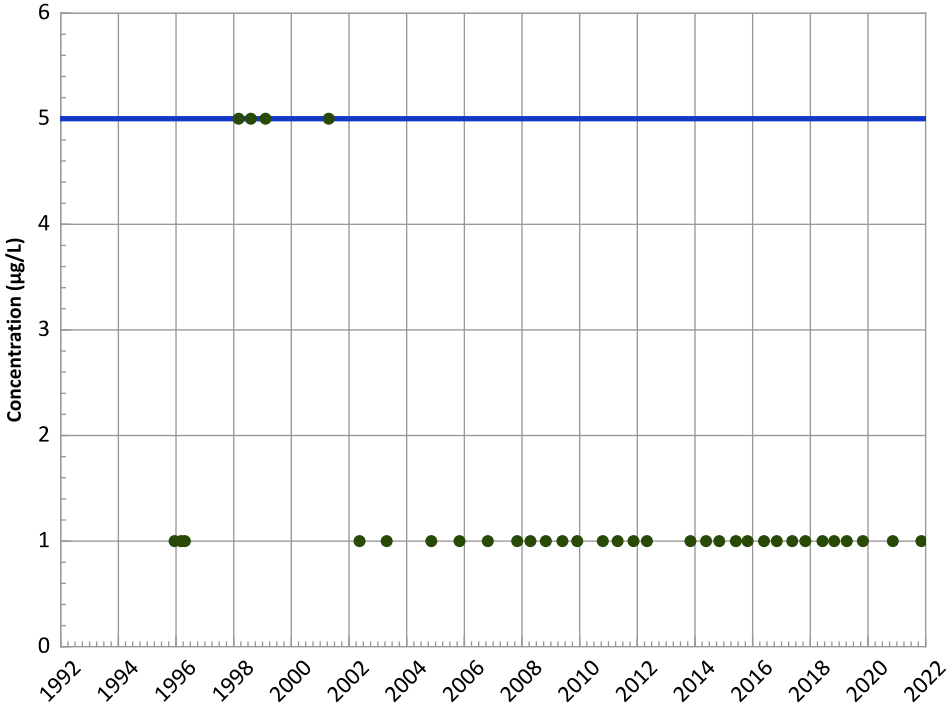


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

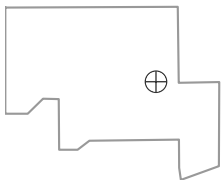
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

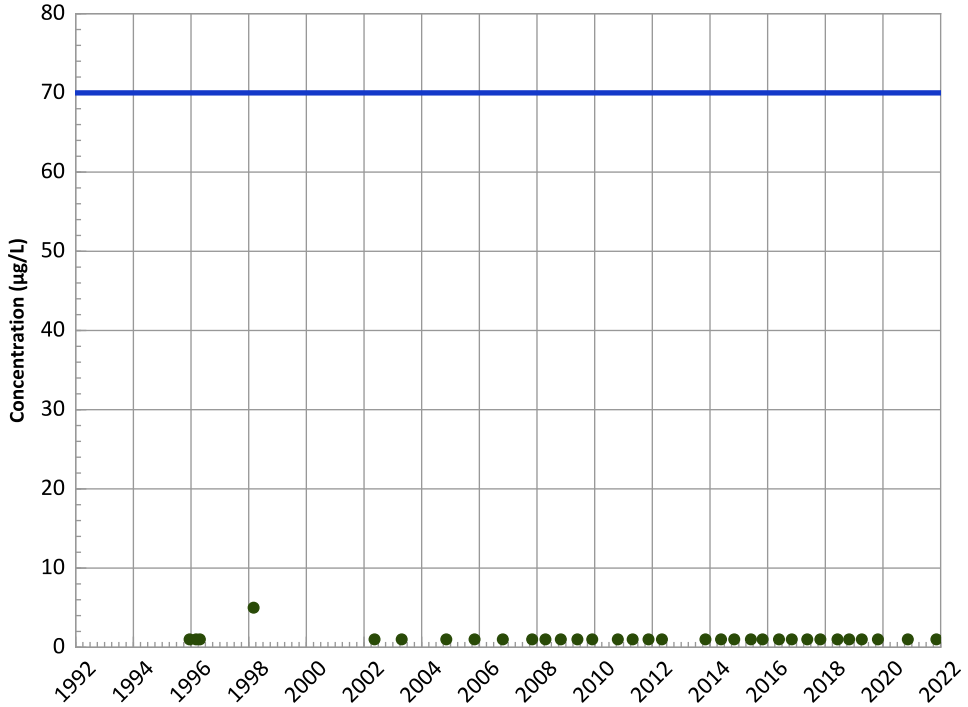
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

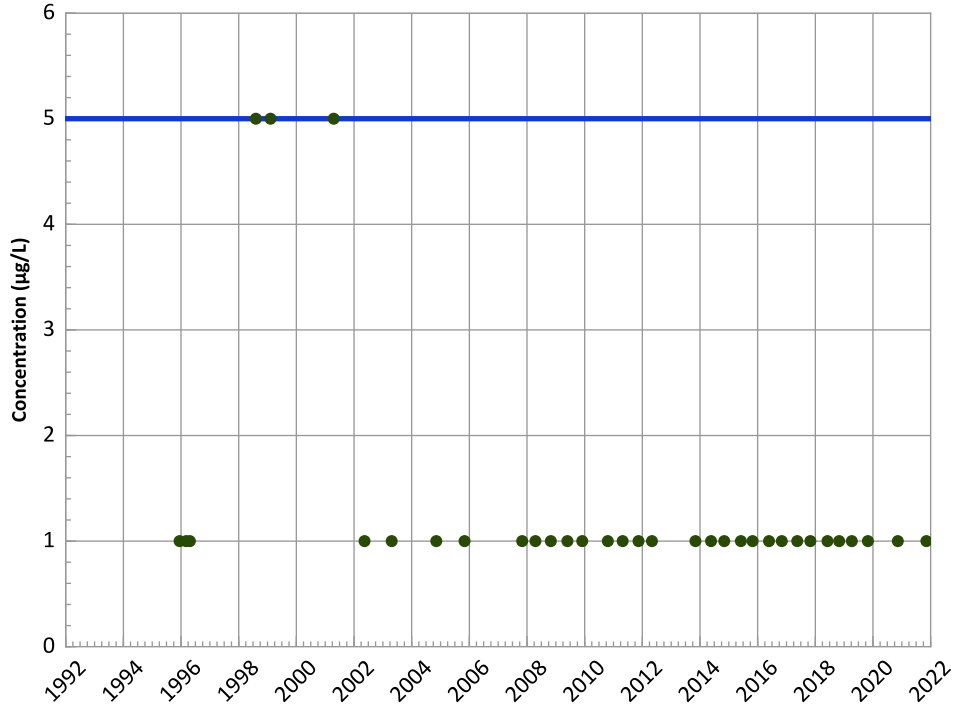


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

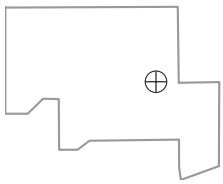
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

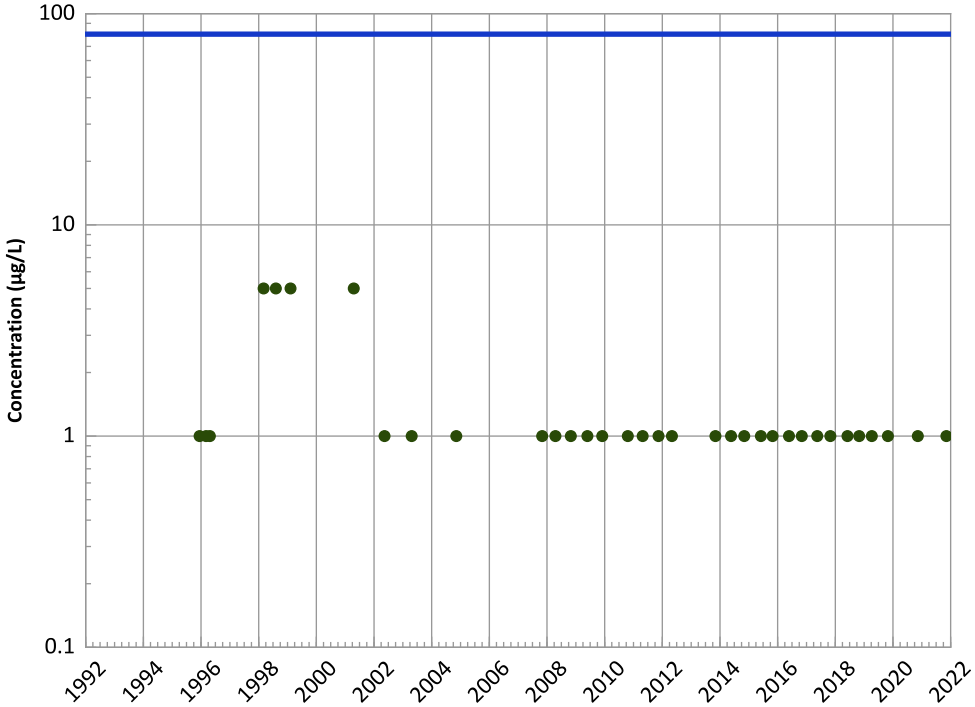
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

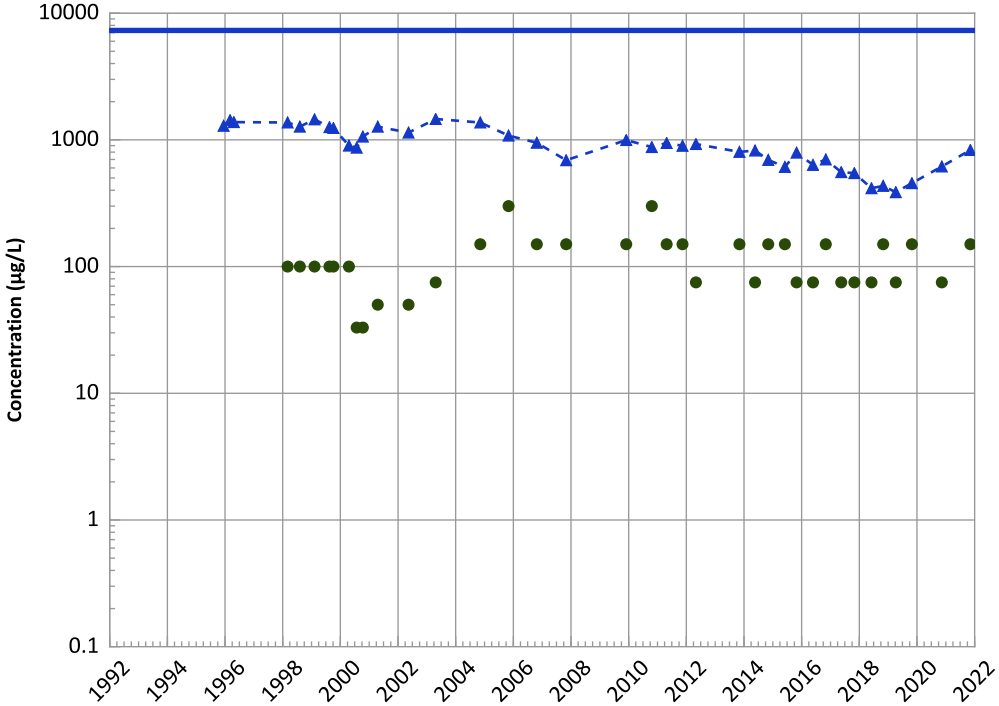


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Boron Trend



Concentration Trend

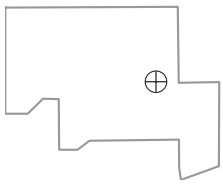
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

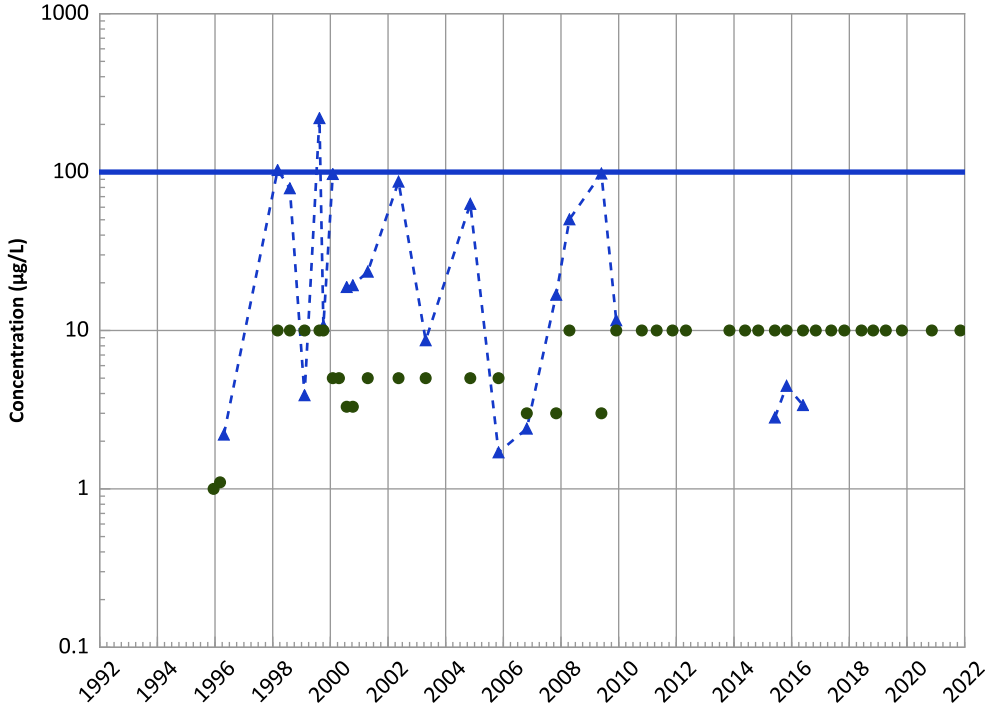
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

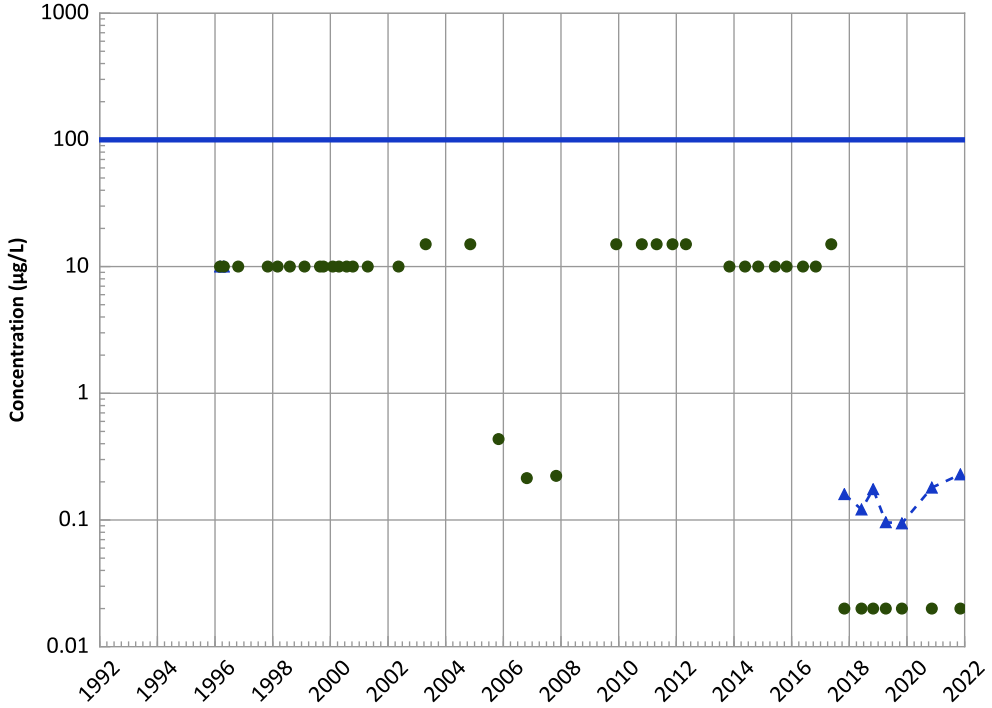


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

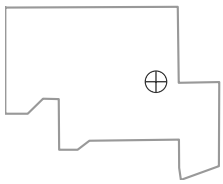
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

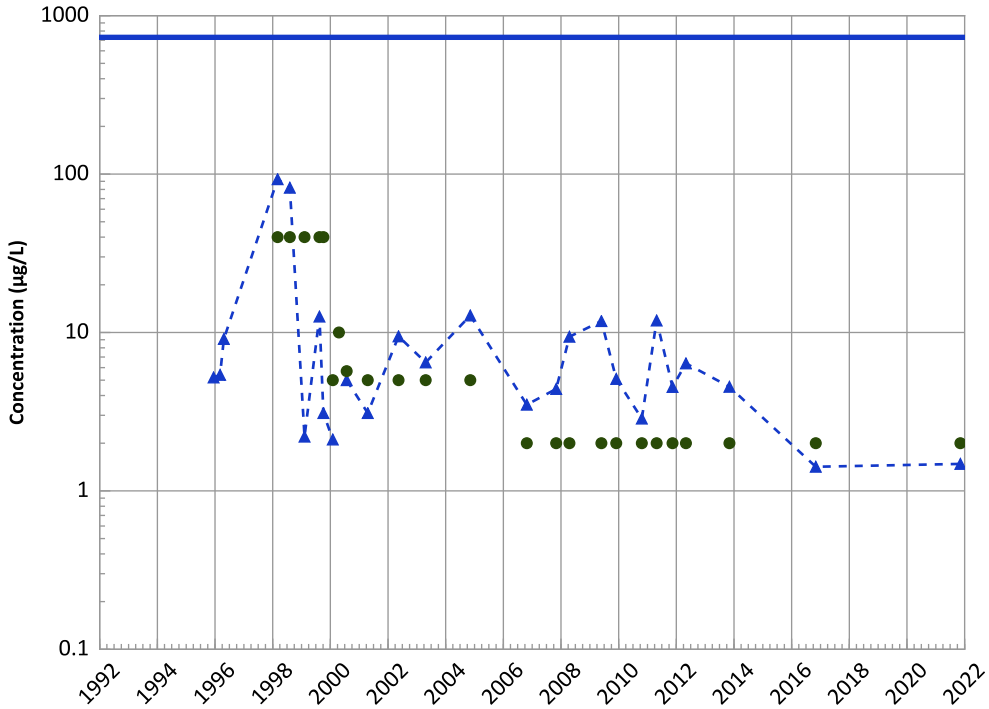
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

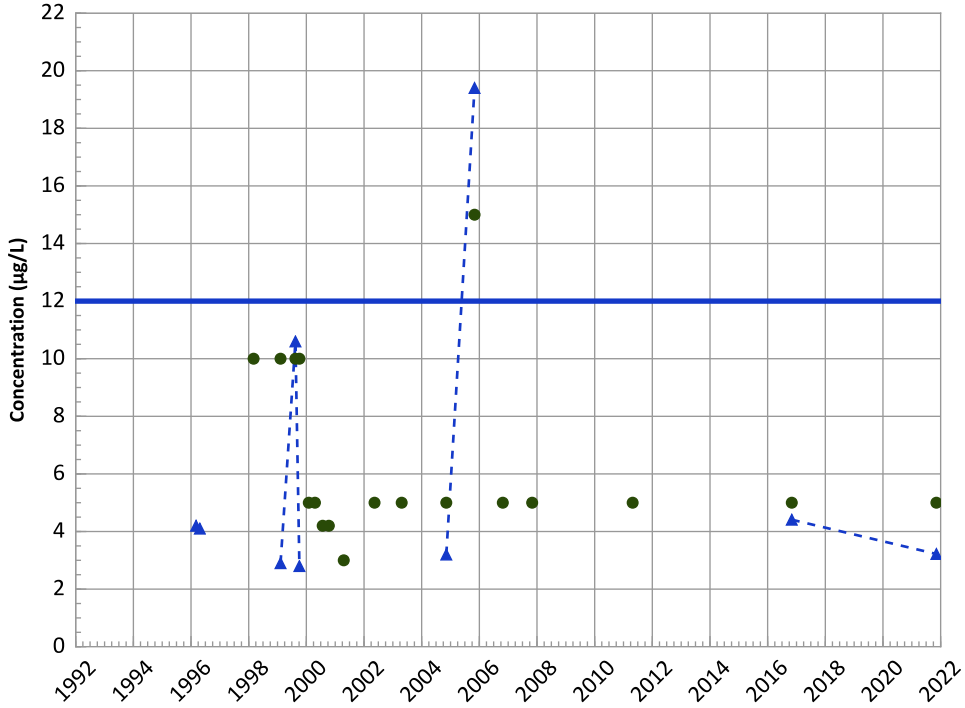


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Arsenic Trend



Concentration Trend

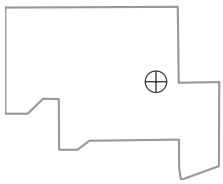
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

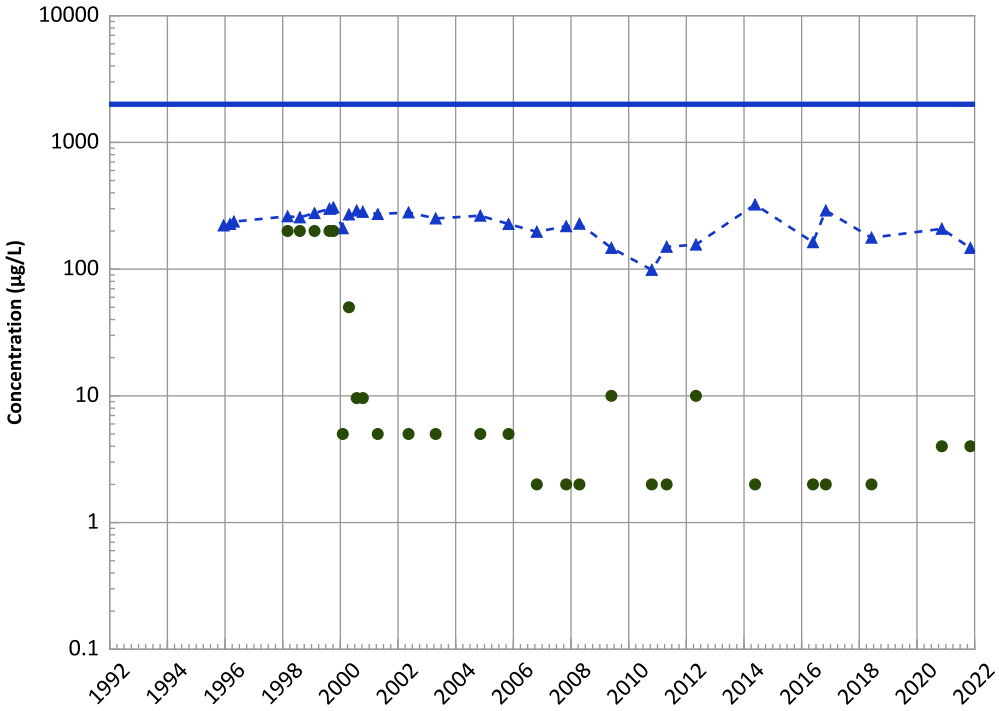
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1002 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

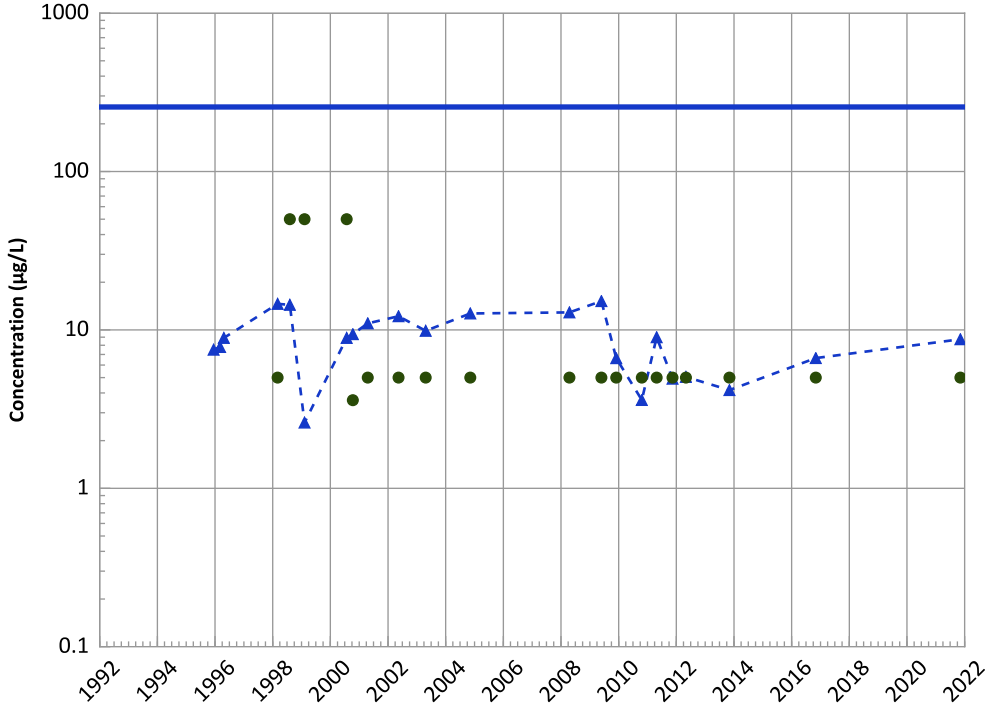


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Vanadium Trend



Concentration Trend

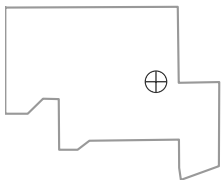
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

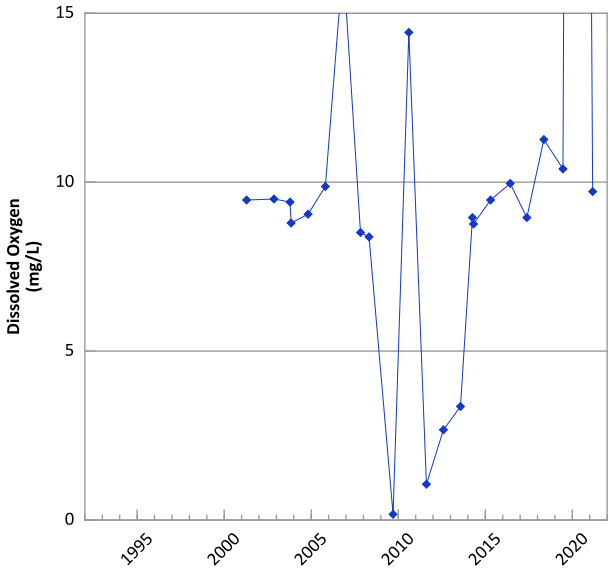
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/14/1995 to 11/08/2021
Analysis Date: 04/05/2022

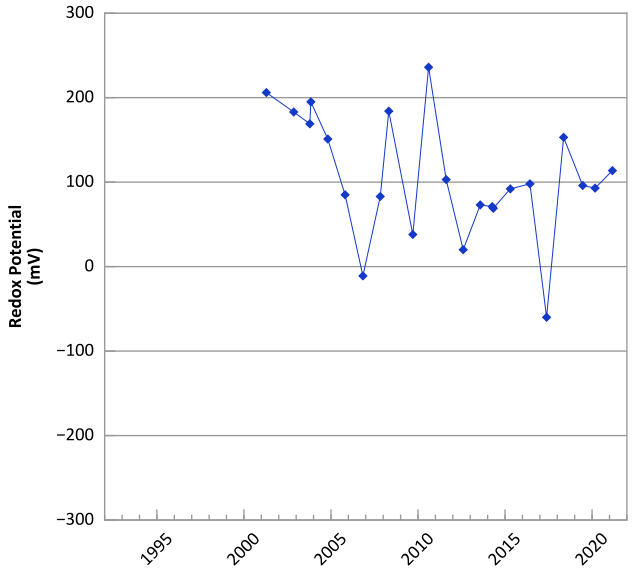
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

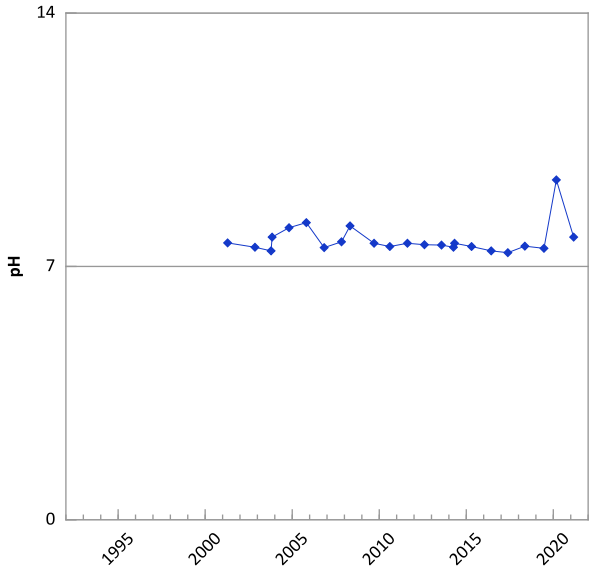
Well Location

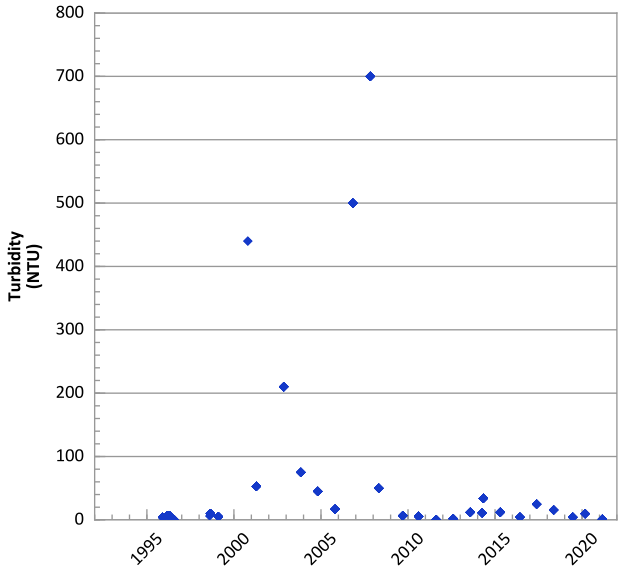


PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



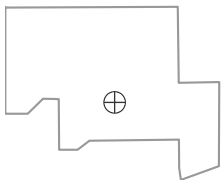






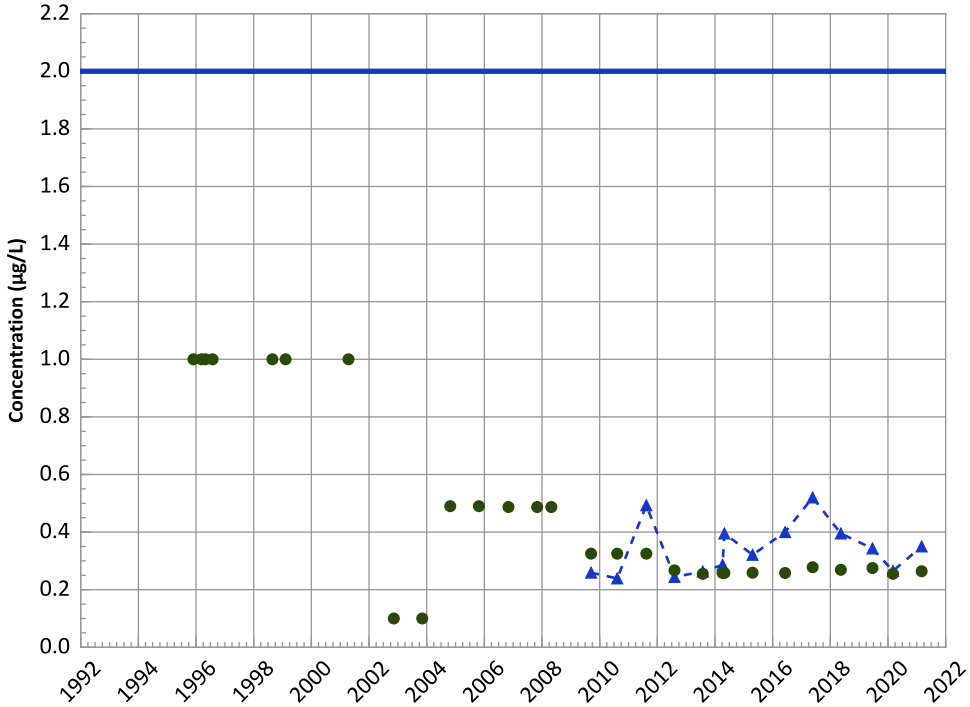
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

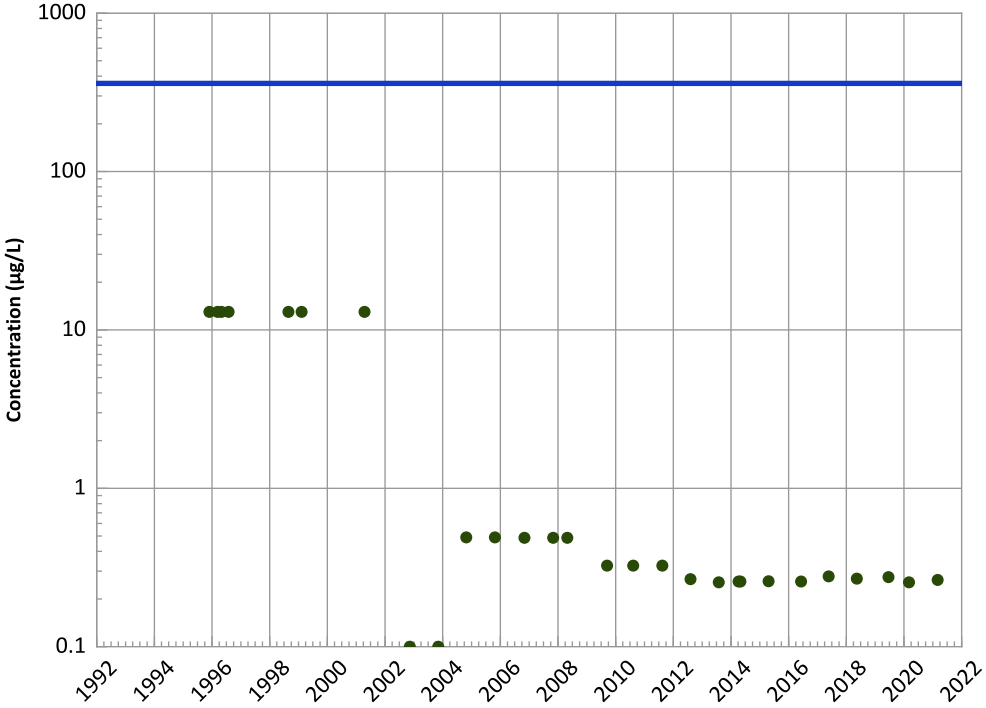


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

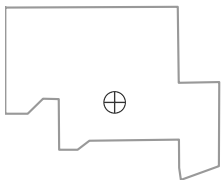
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

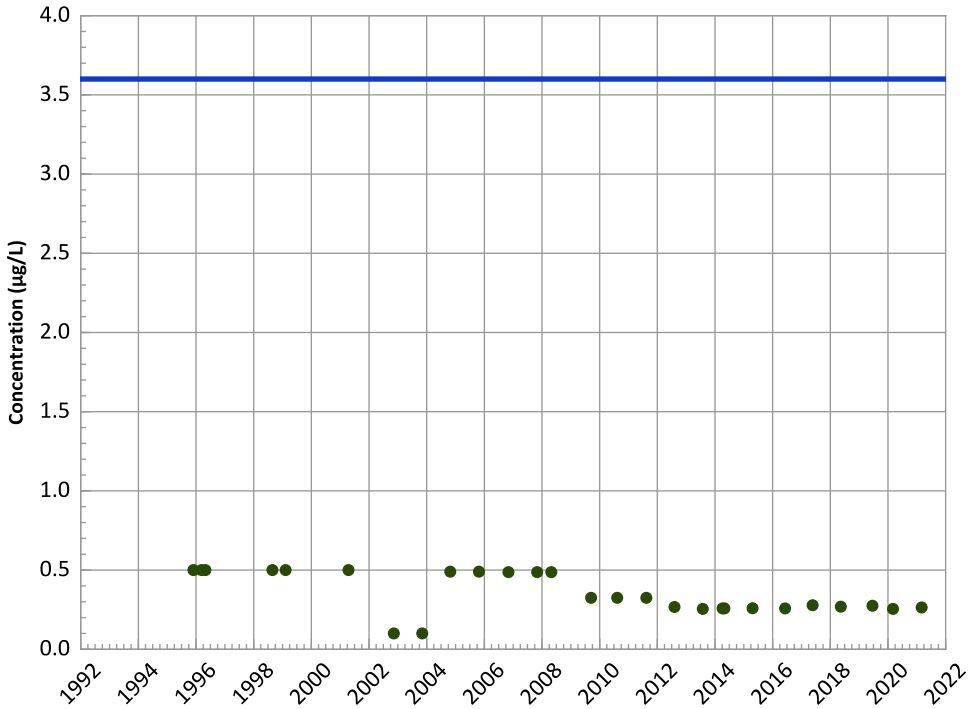
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

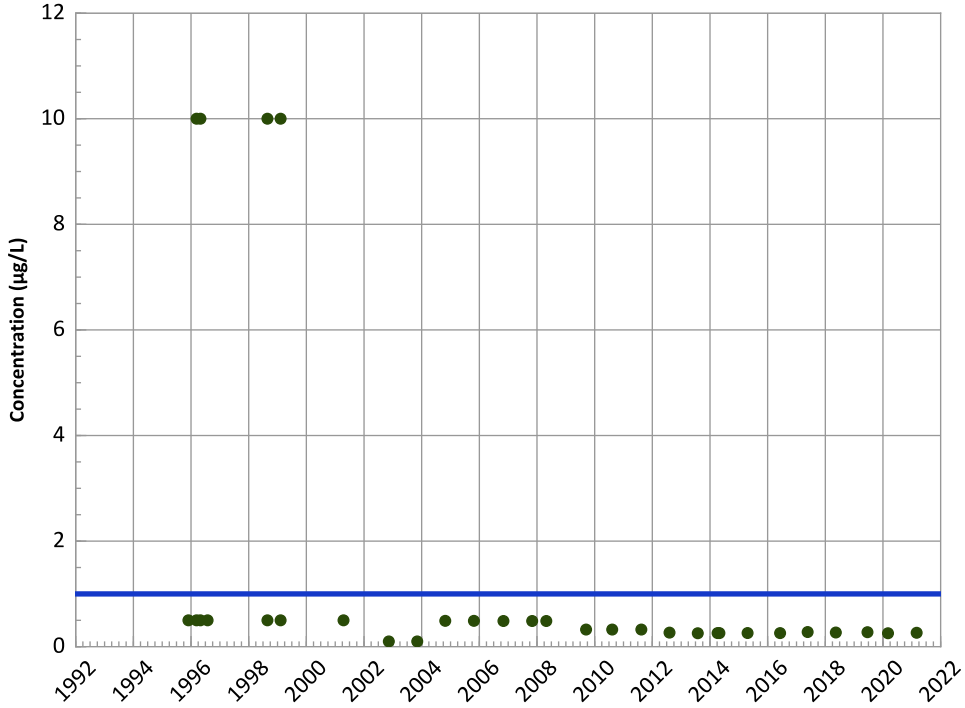


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

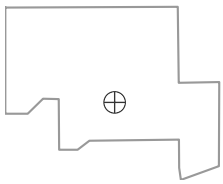
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

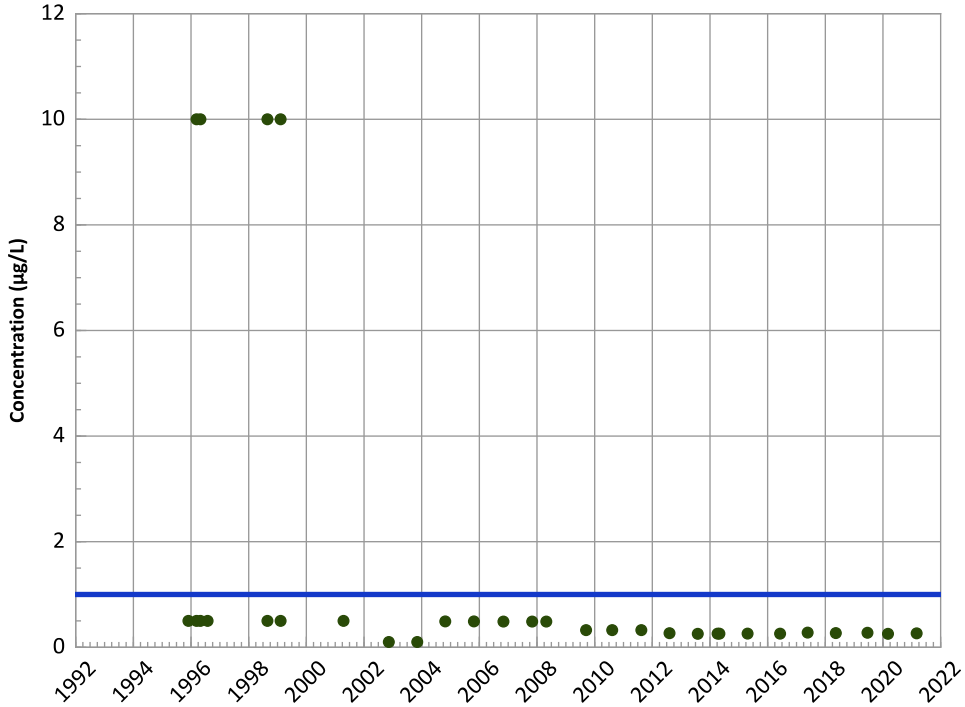
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

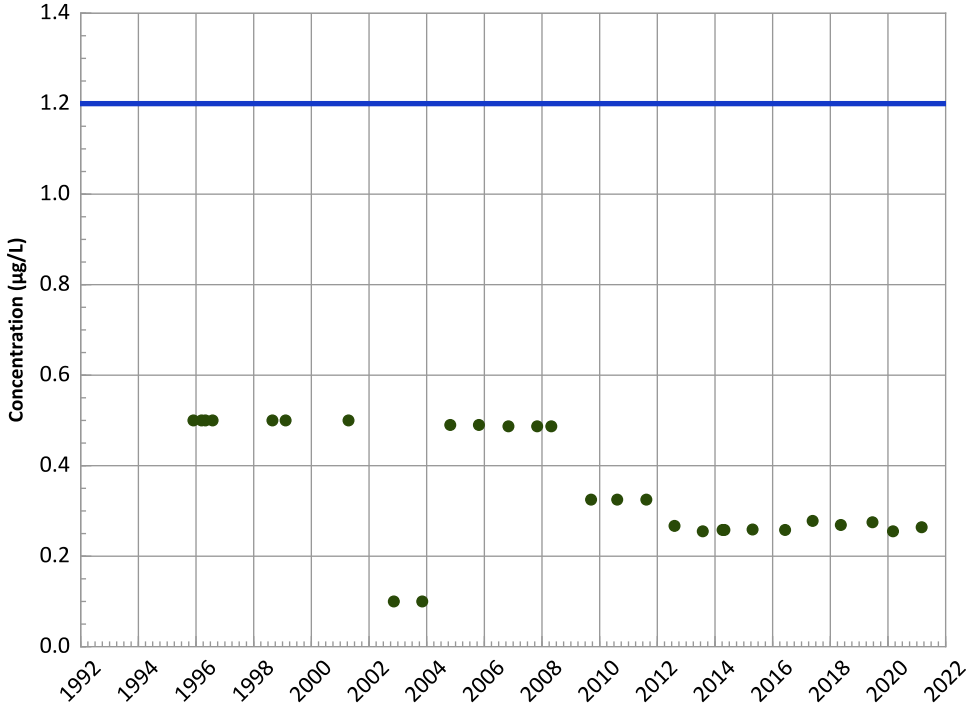


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

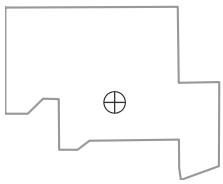
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

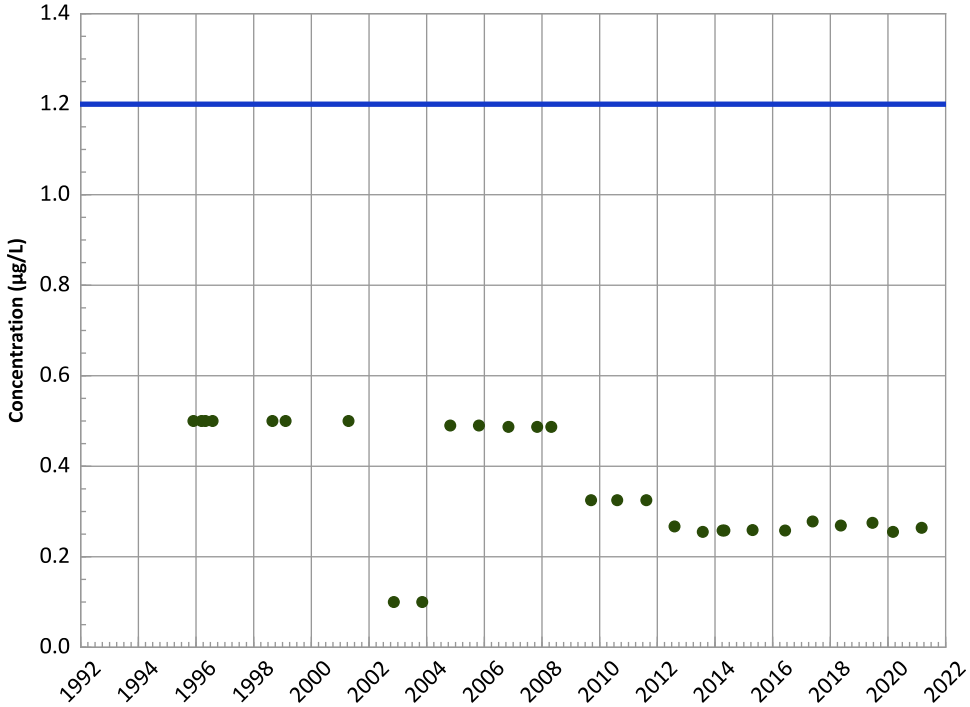
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

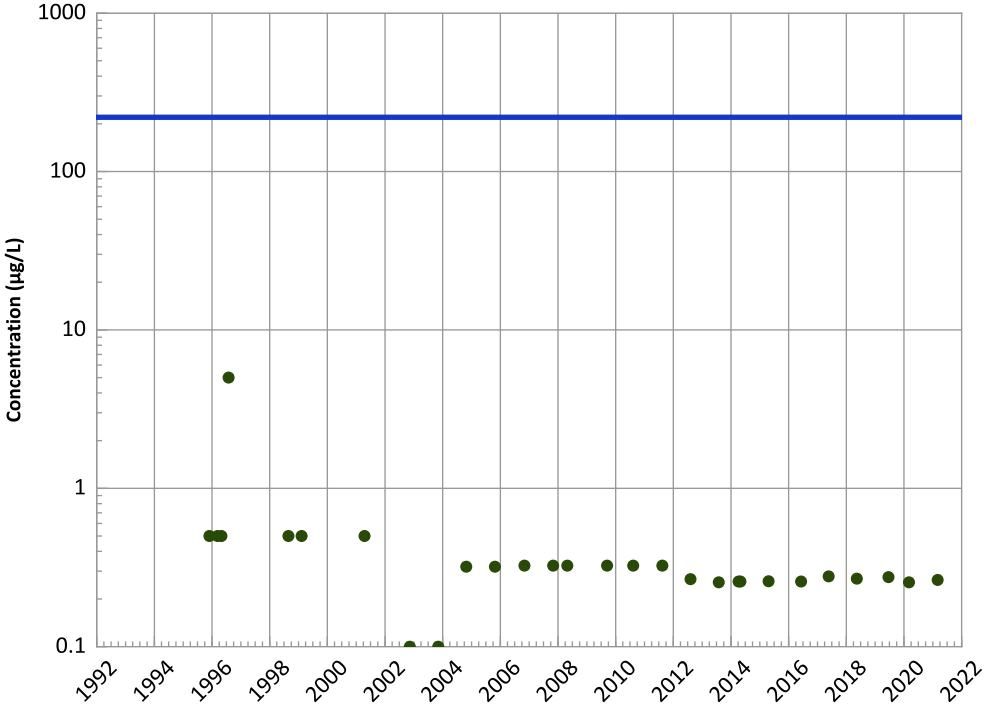


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

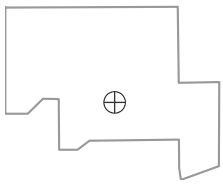
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

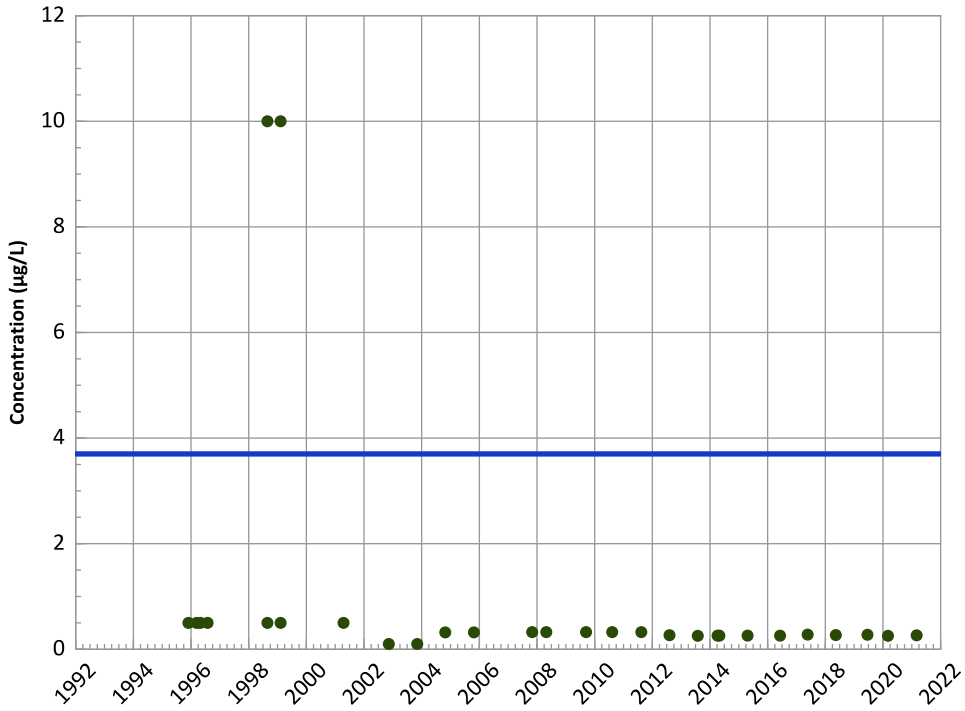
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

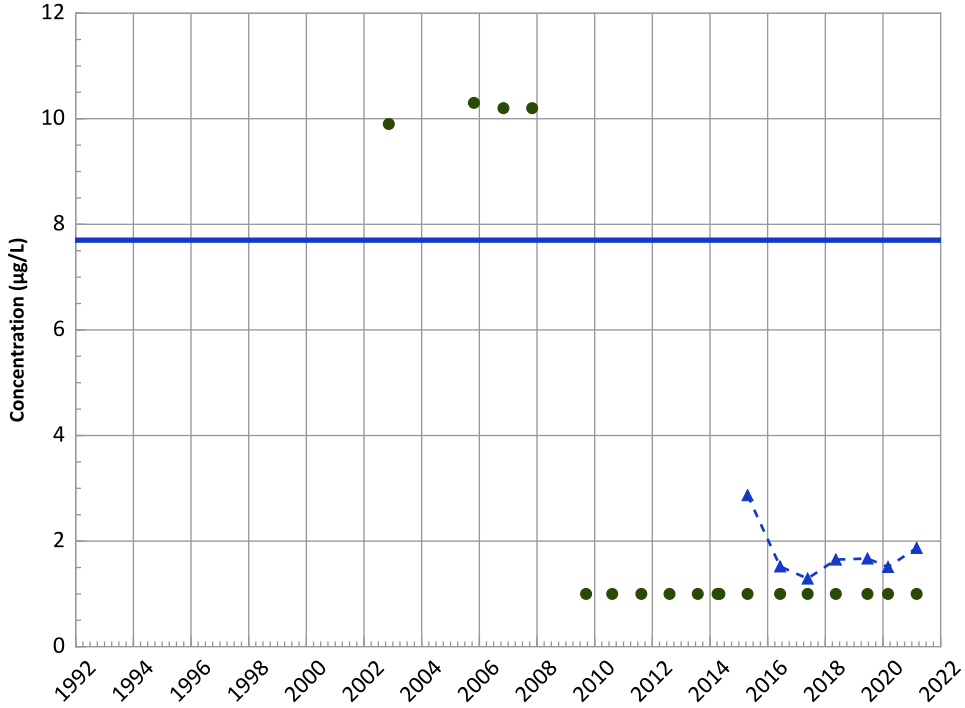


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

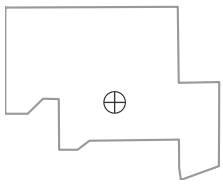
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

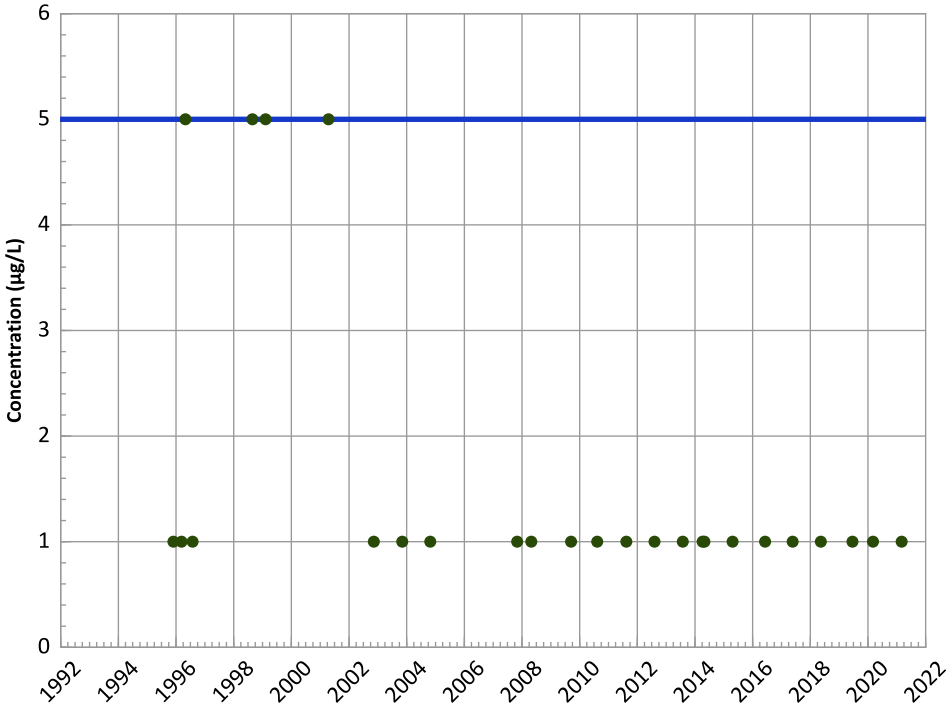
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

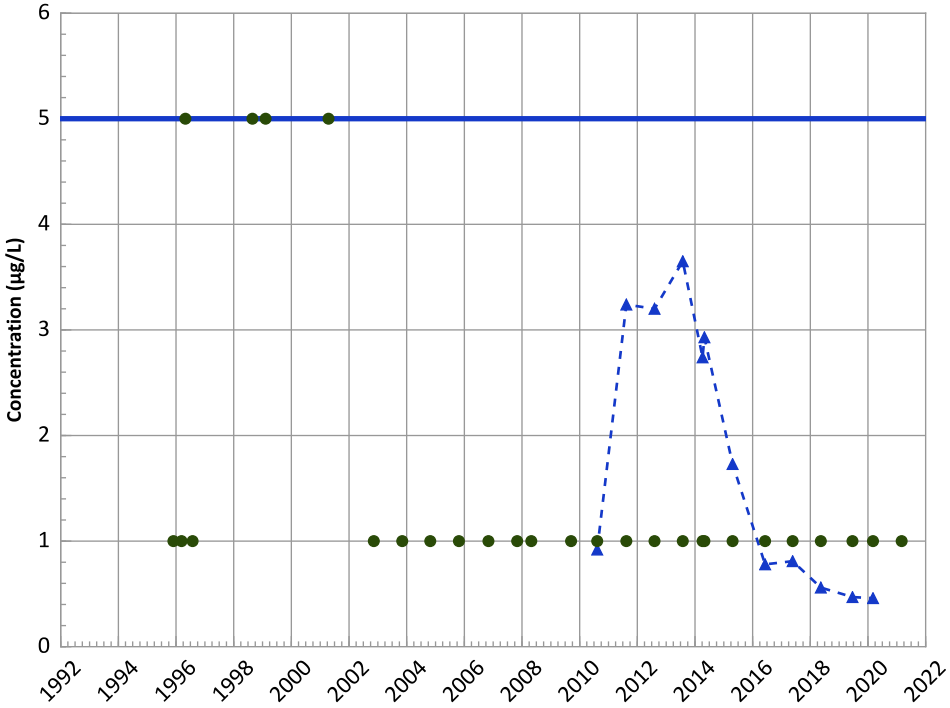


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

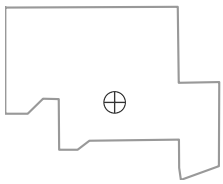
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

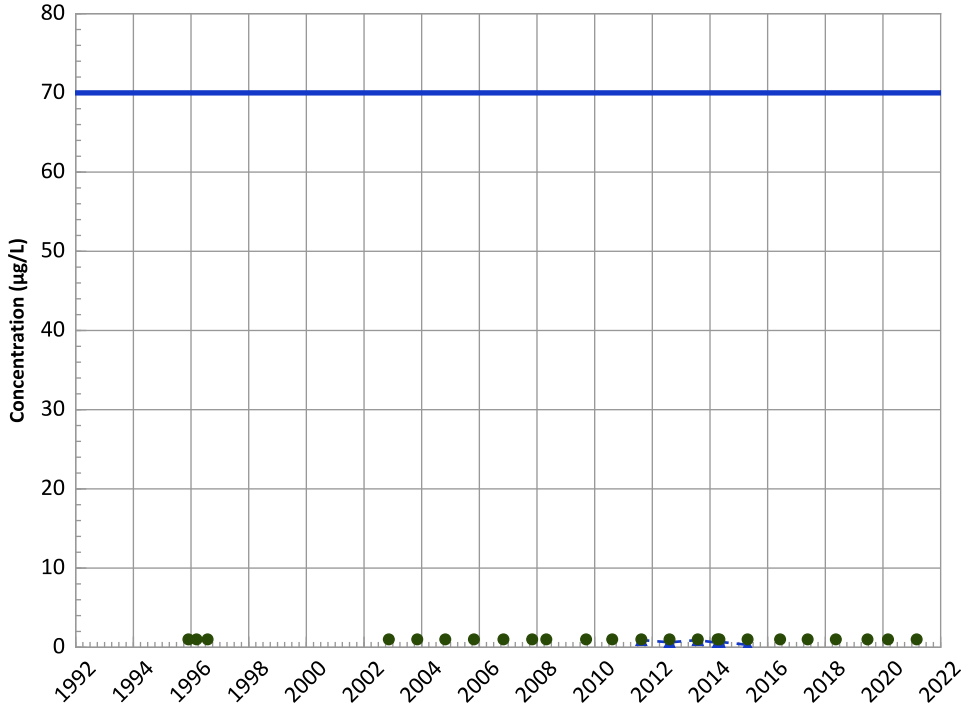
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

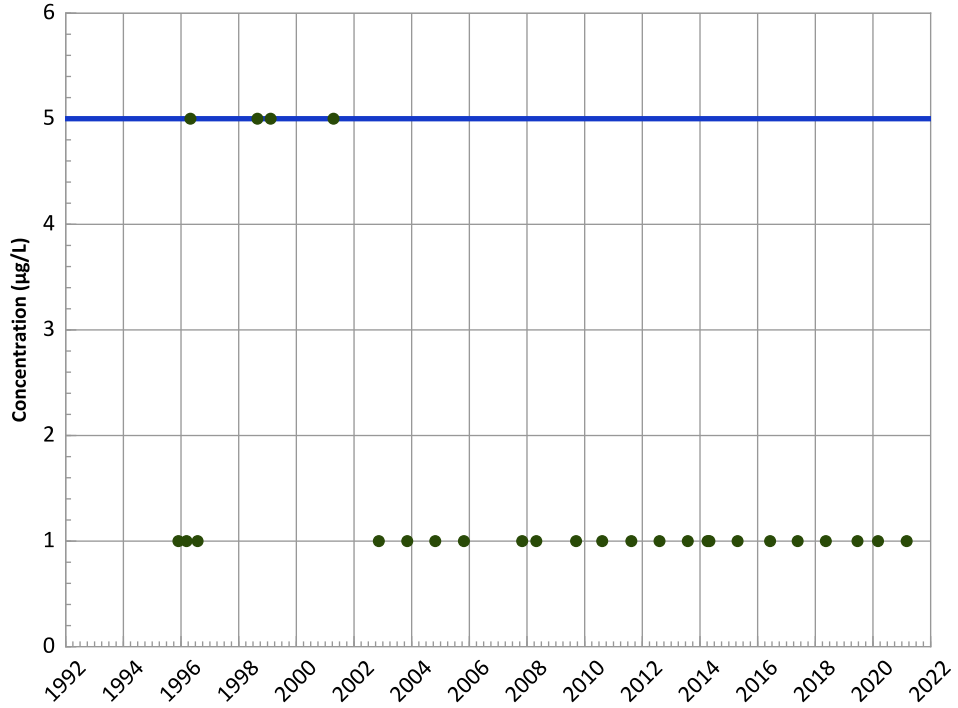


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

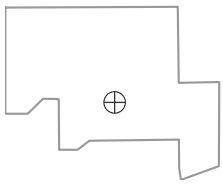
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

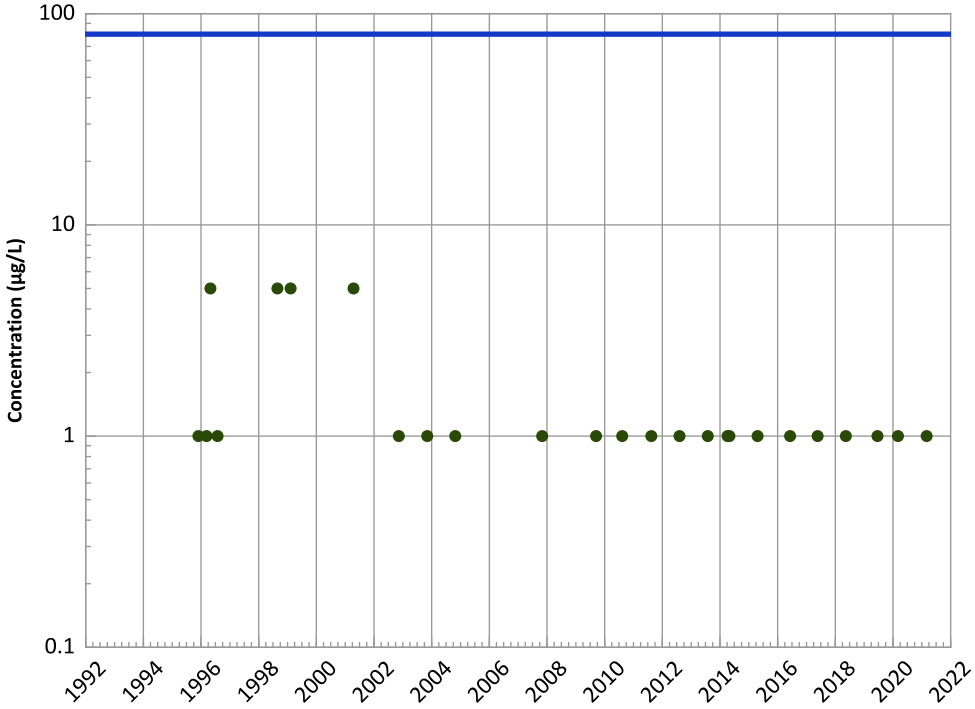
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

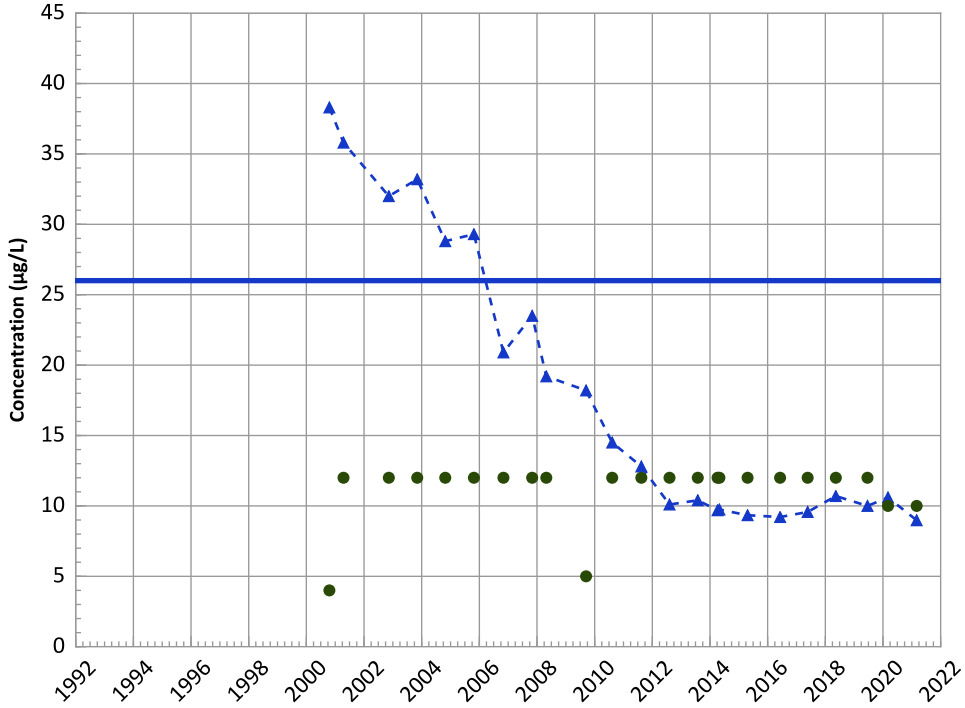


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

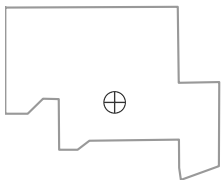
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

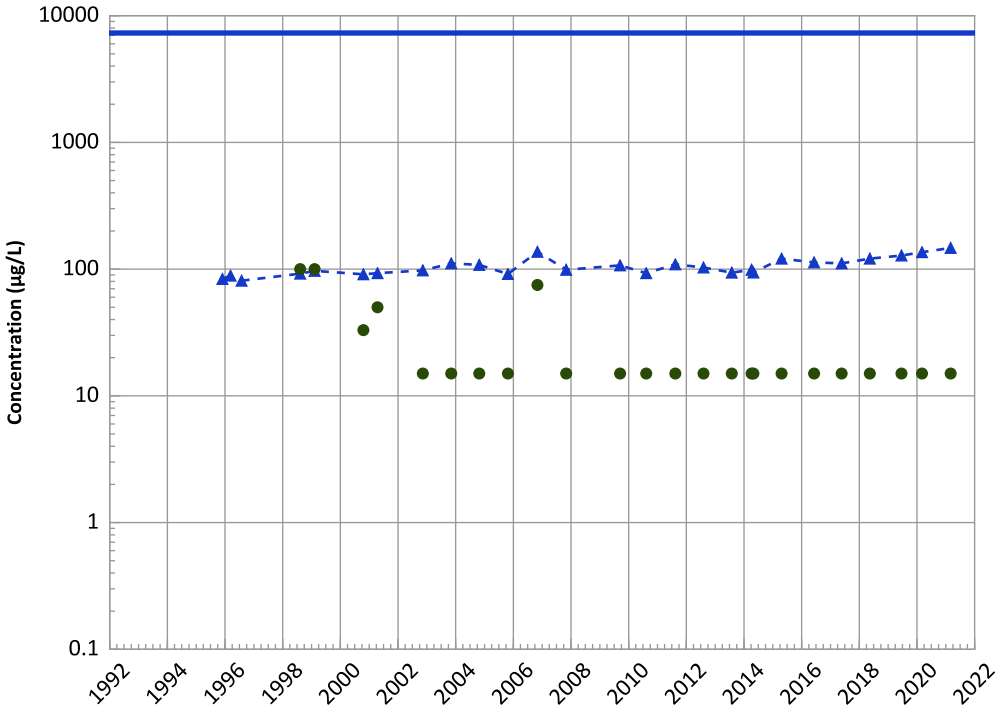
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1003 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend



Concentration Trend

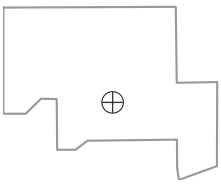
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

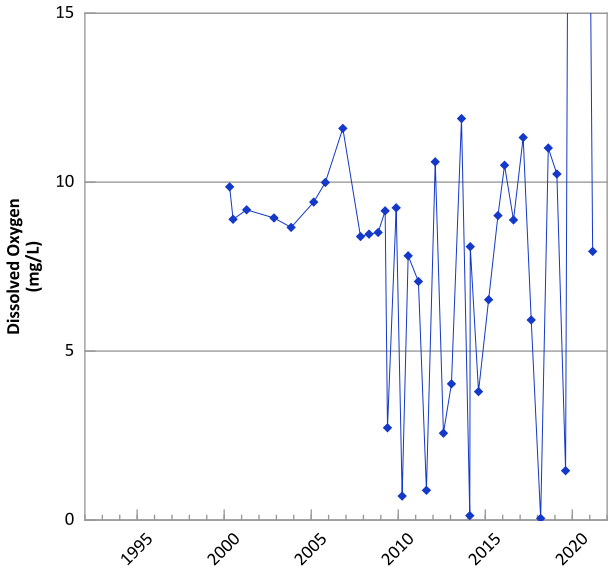
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

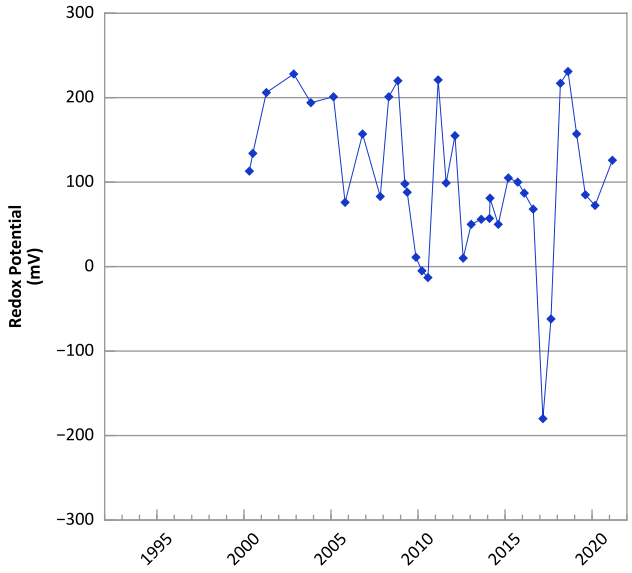
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

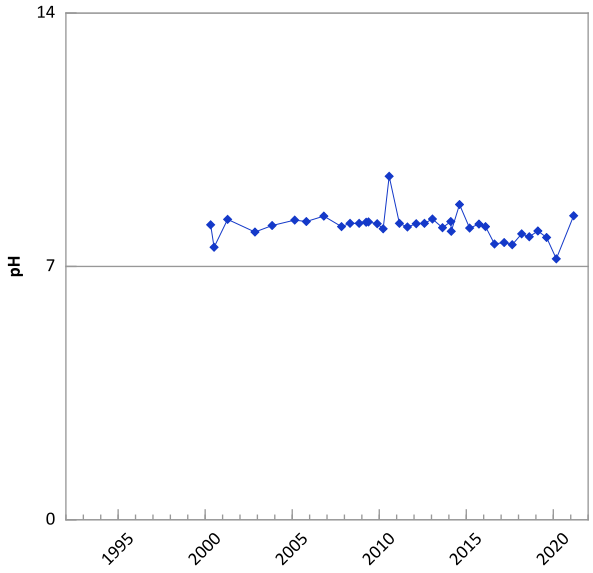
Well Location

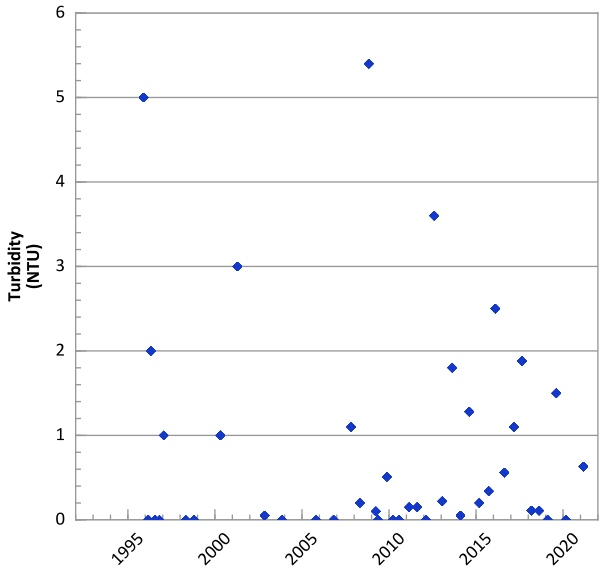


PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



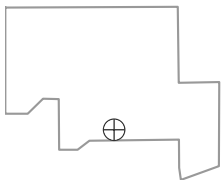






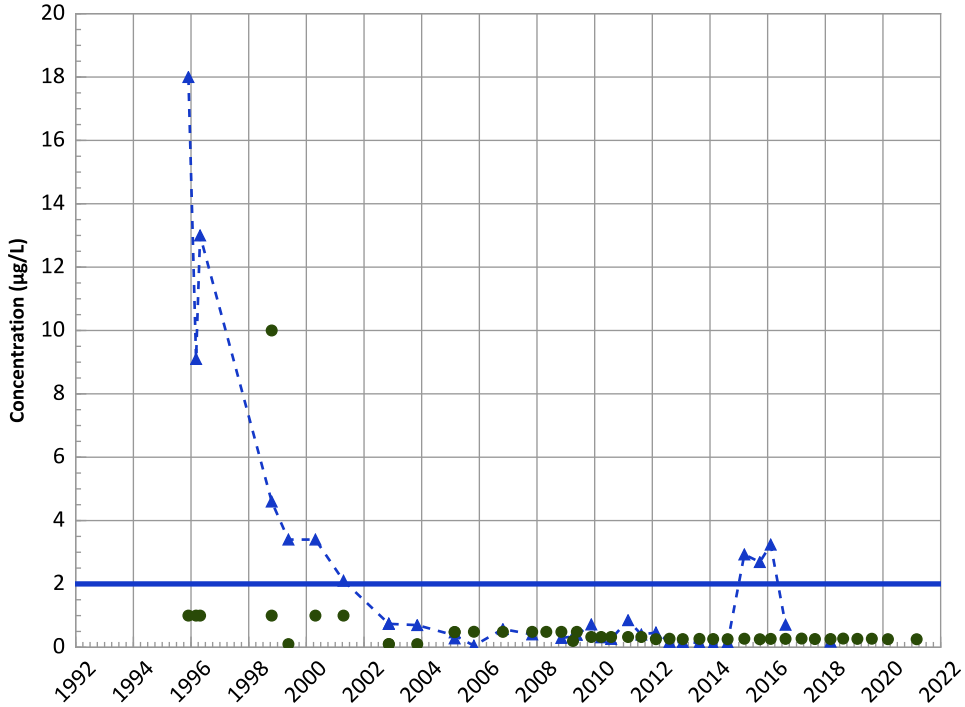
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

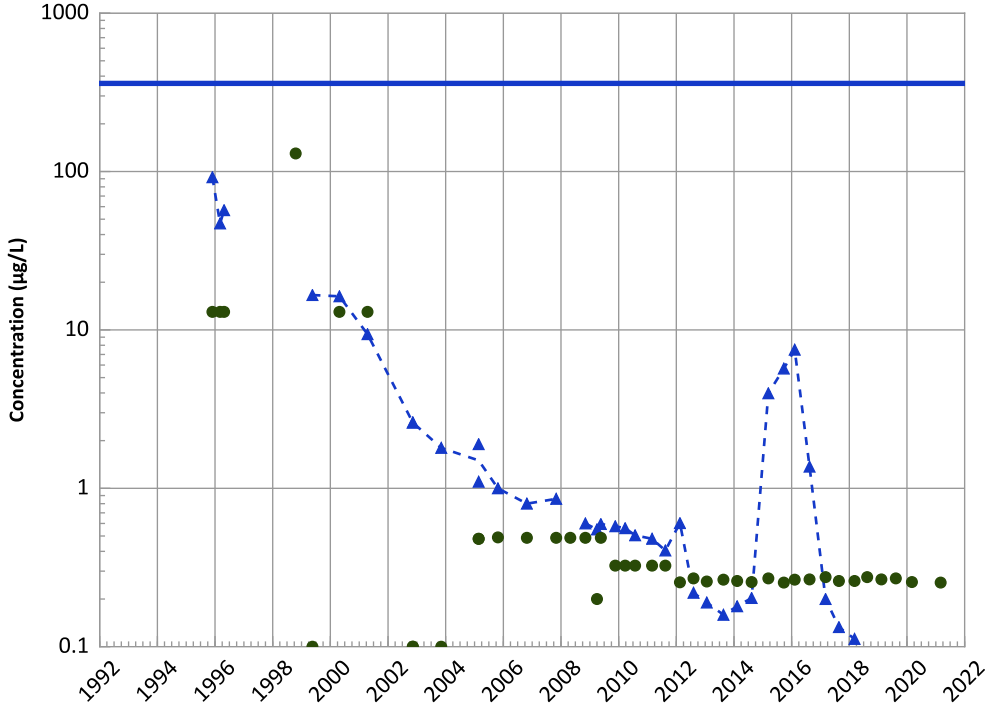


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

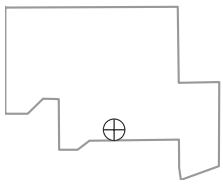
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

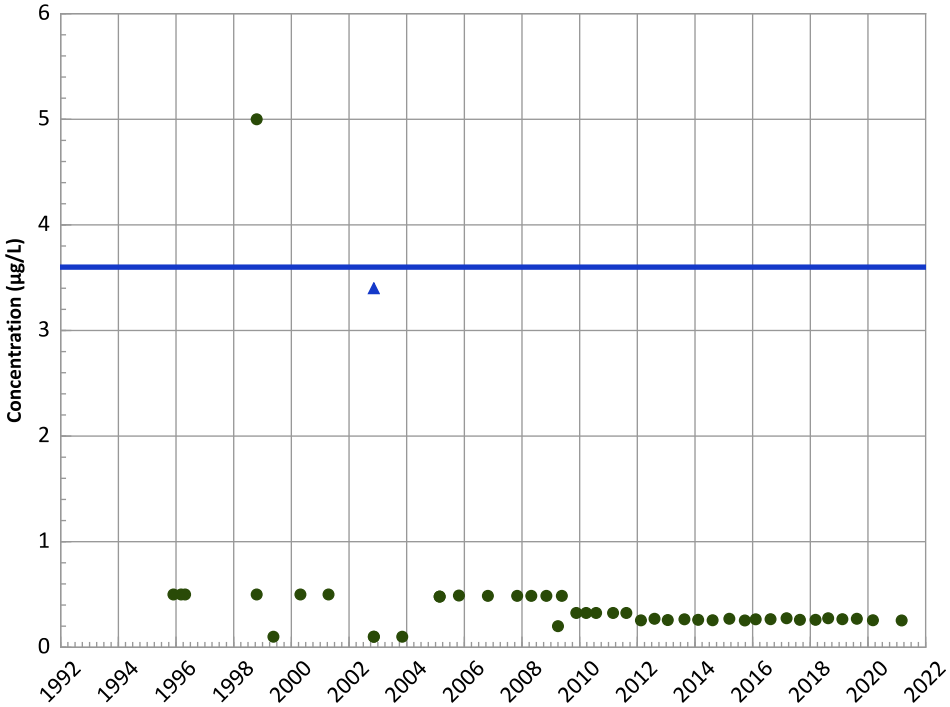
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

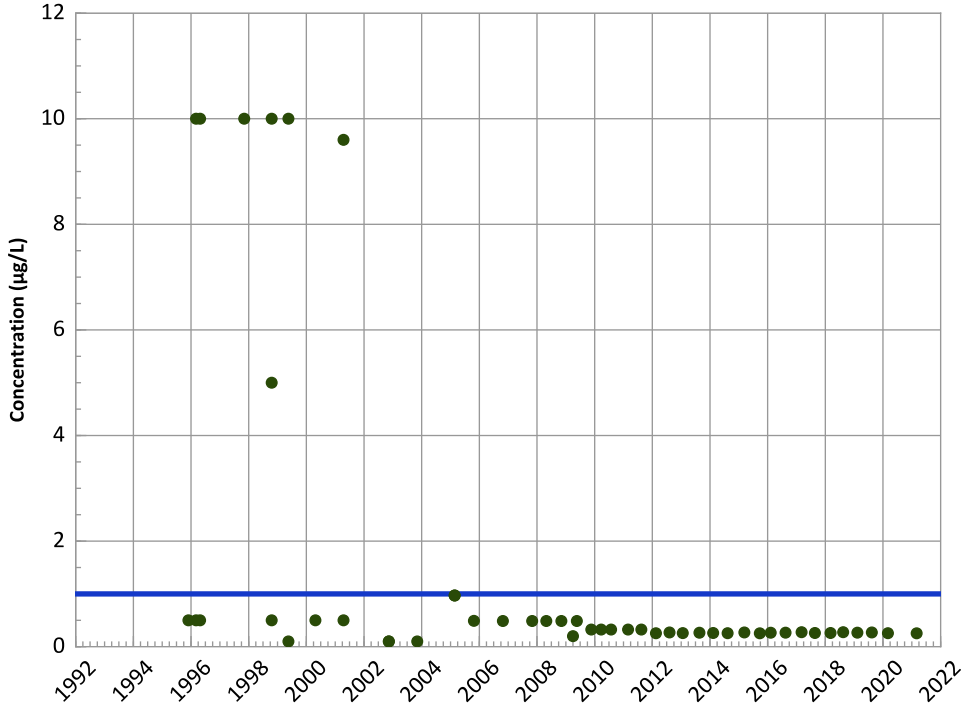


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

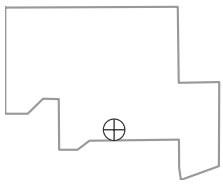
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

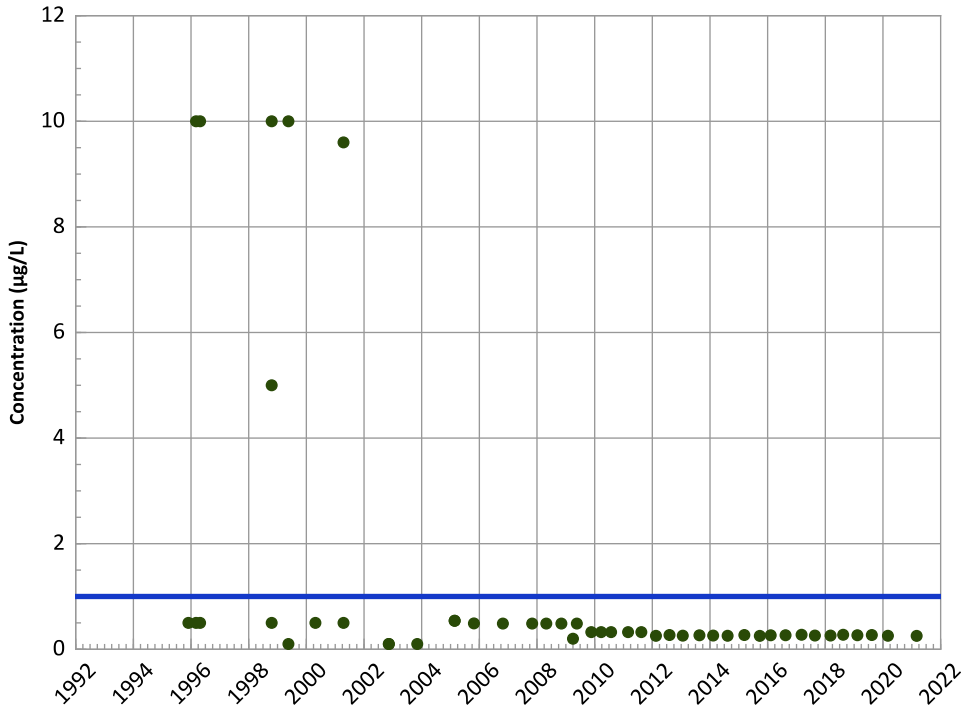
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

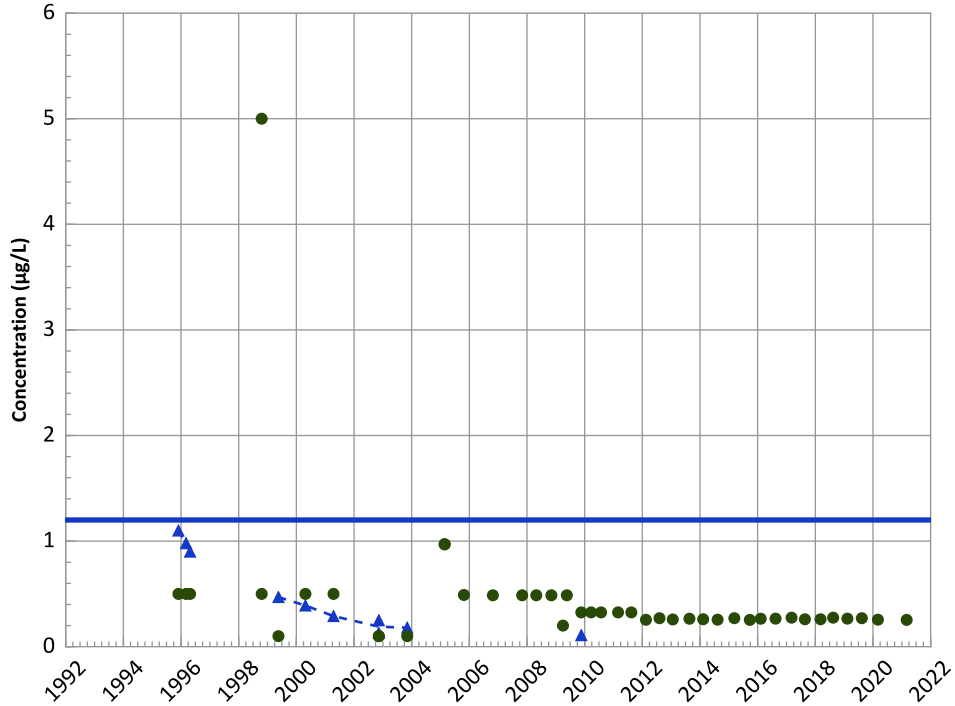


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

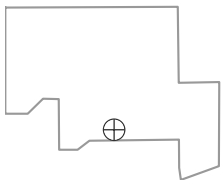
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

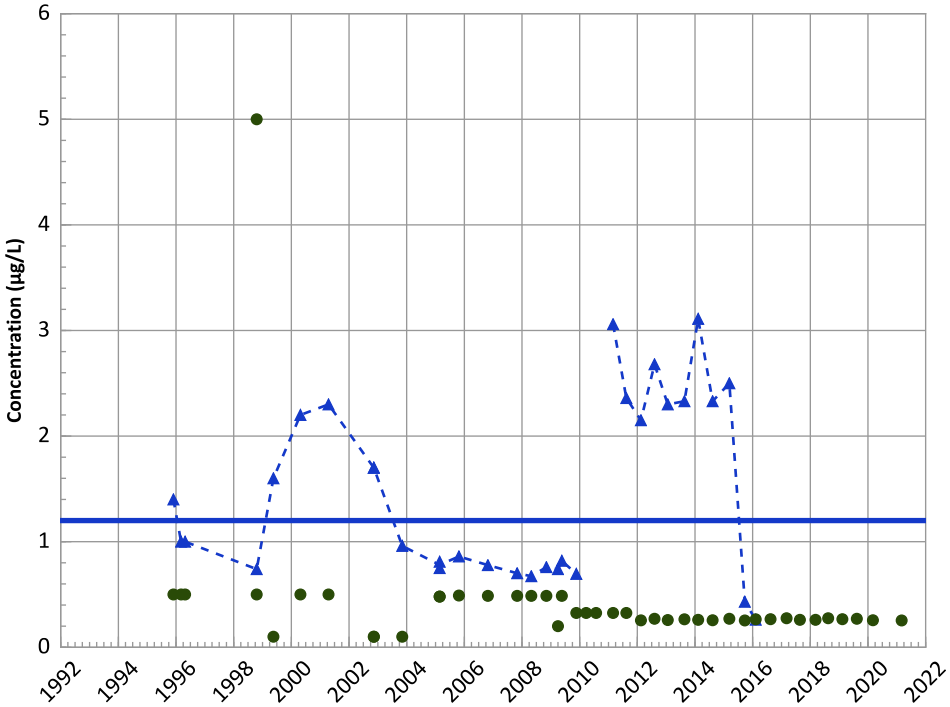
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

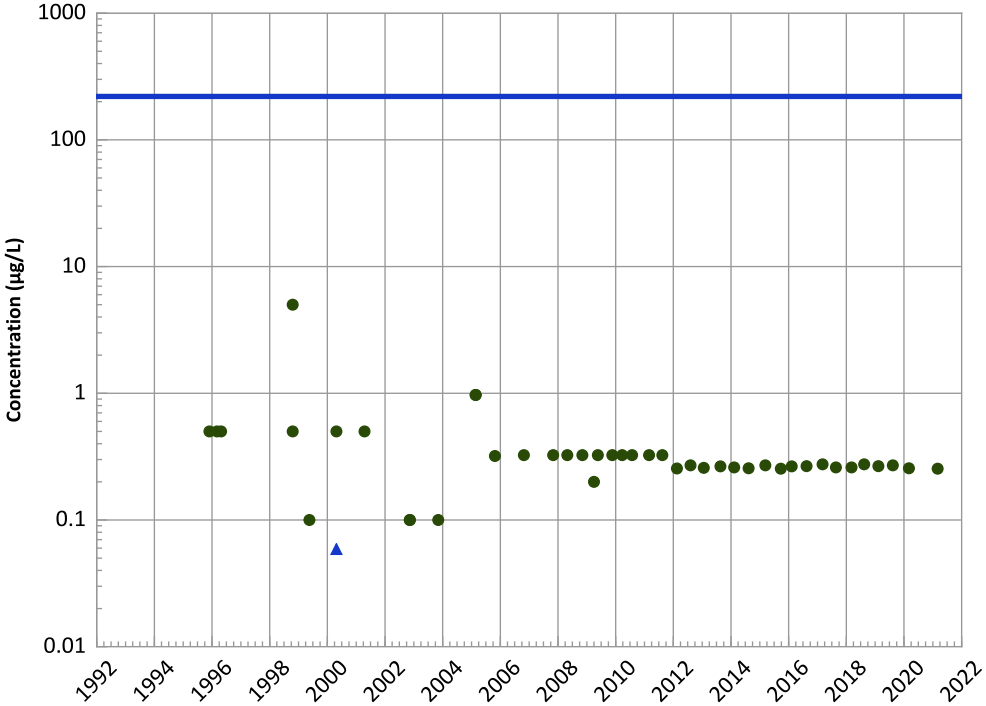


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

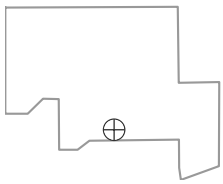
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

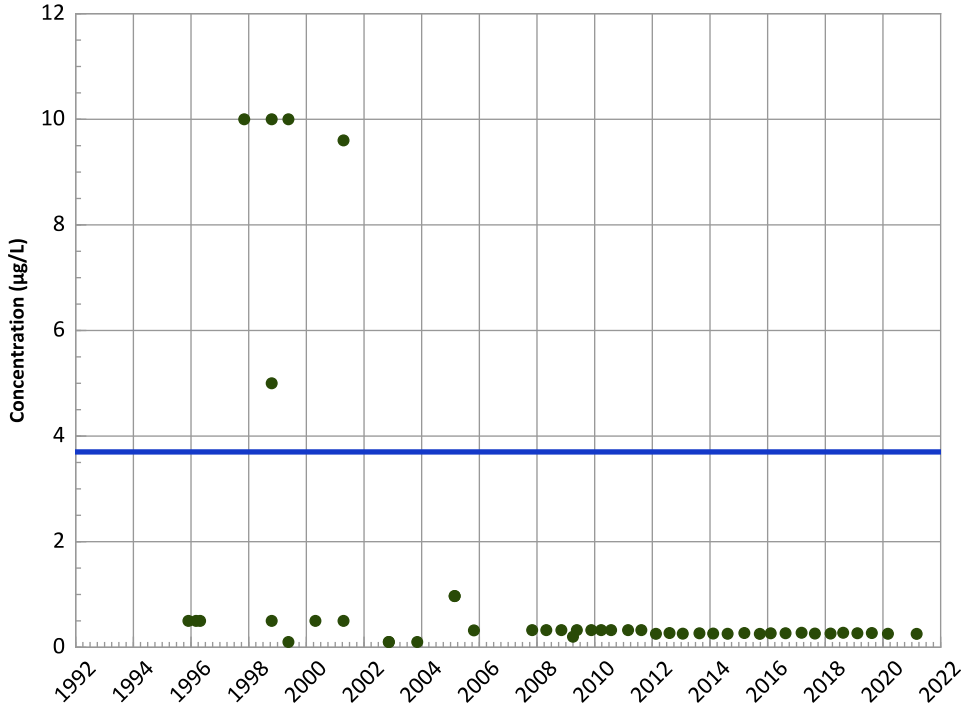
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

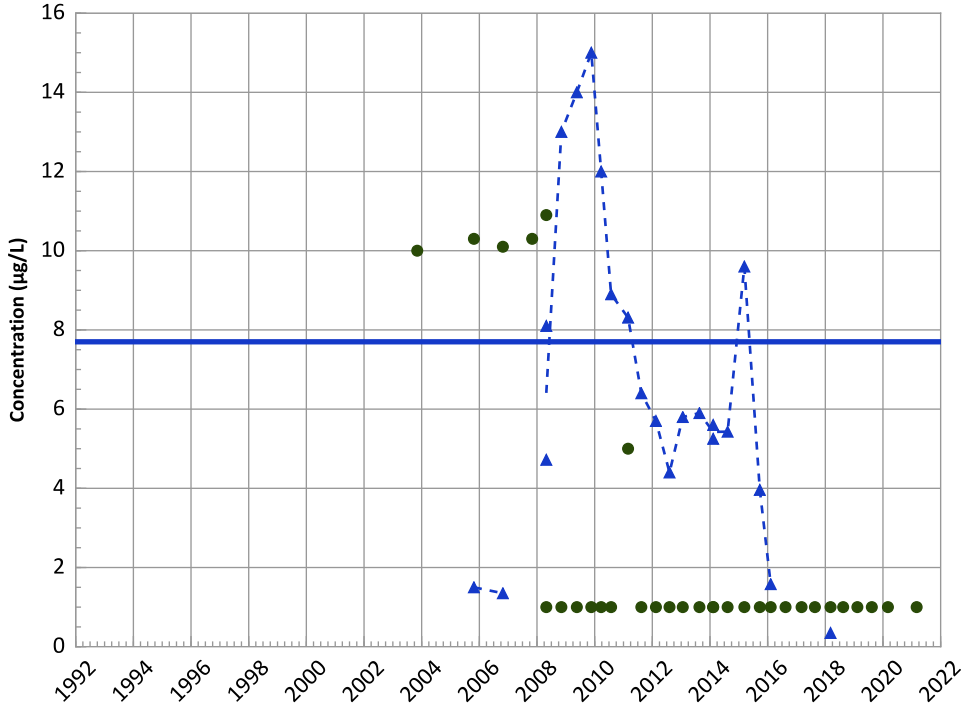


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

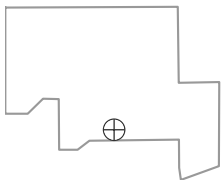
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

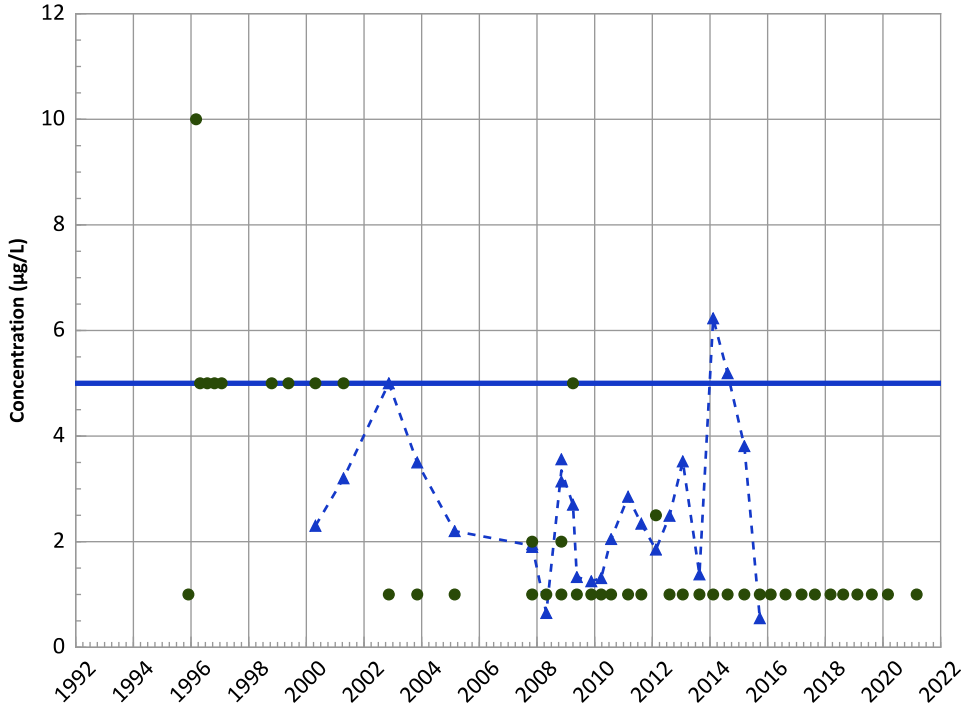
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

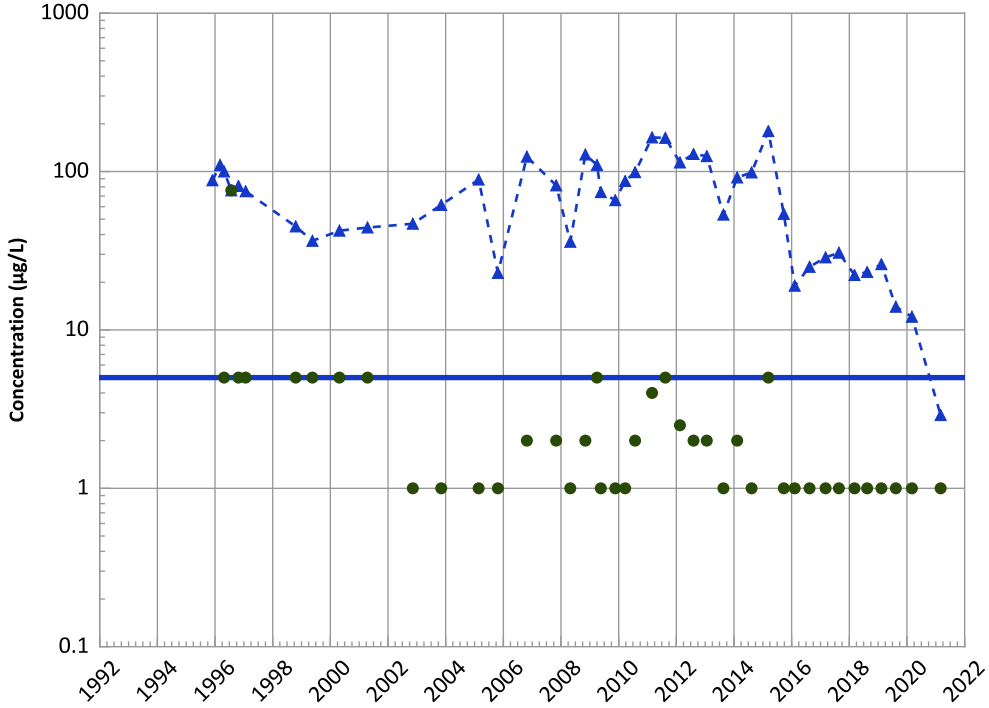


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Trichloroethene Trend



Concentration Trend

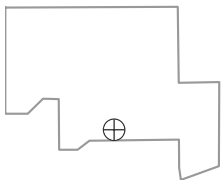
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

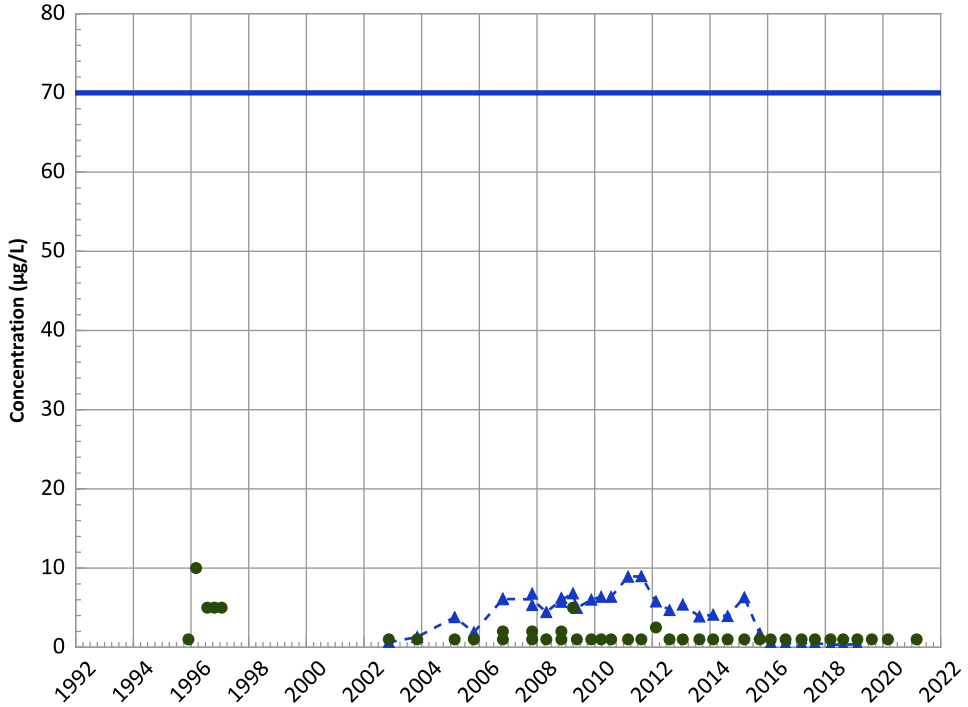
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

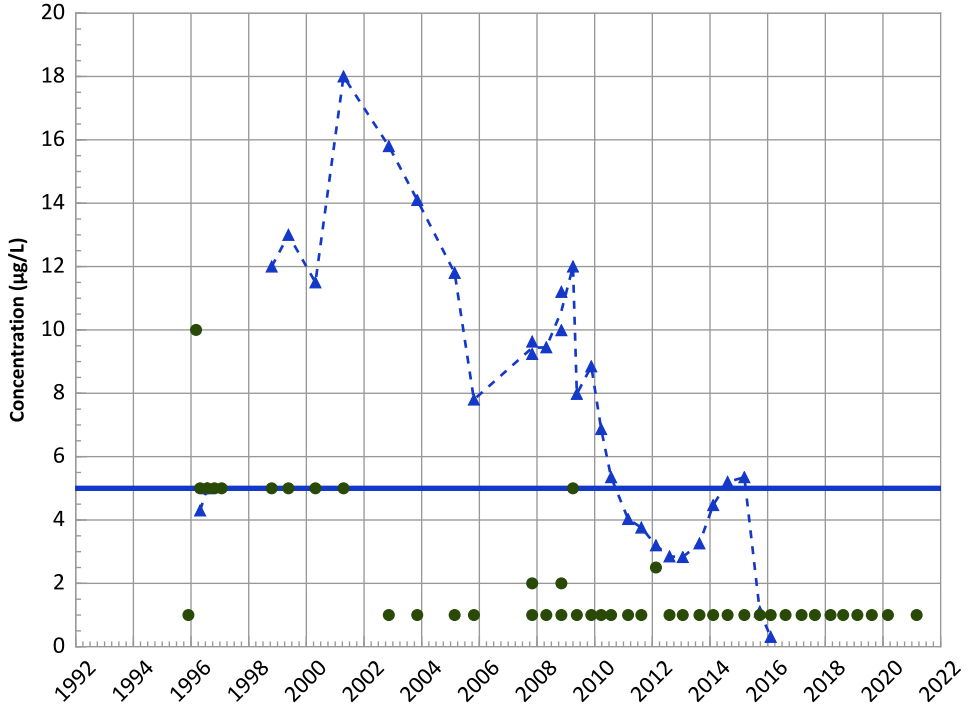


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

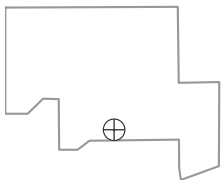
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

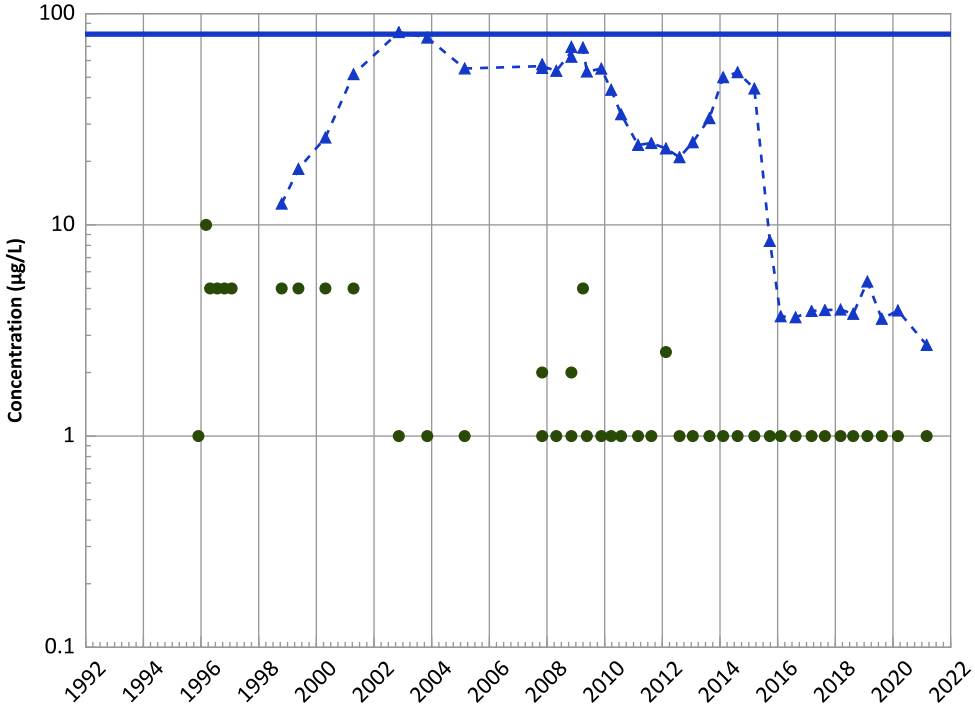
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

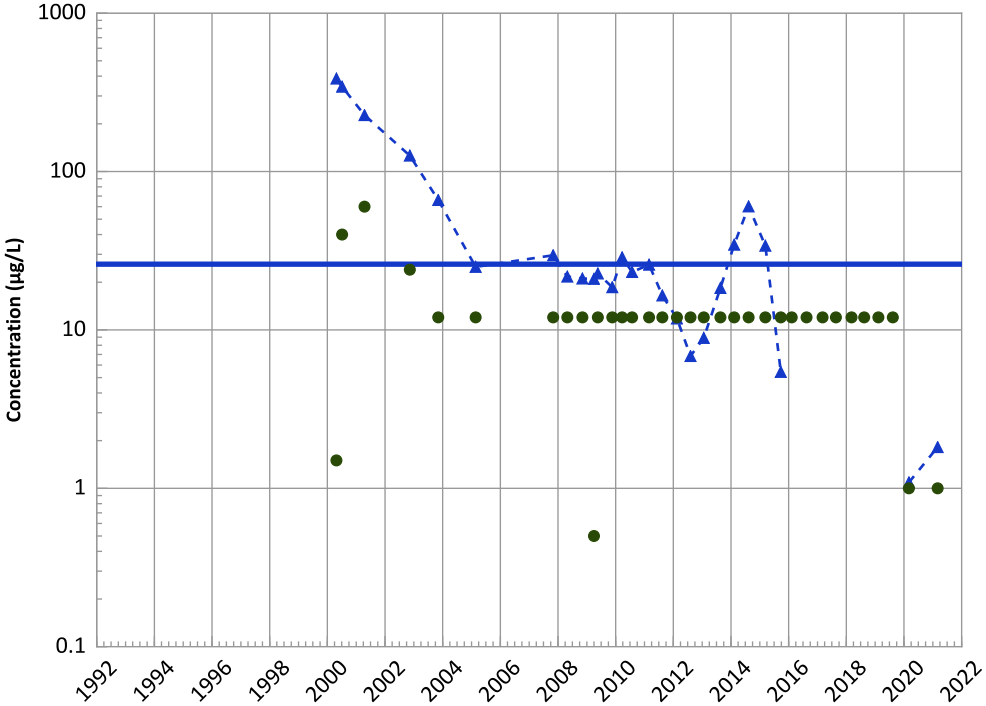


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

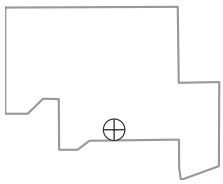
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

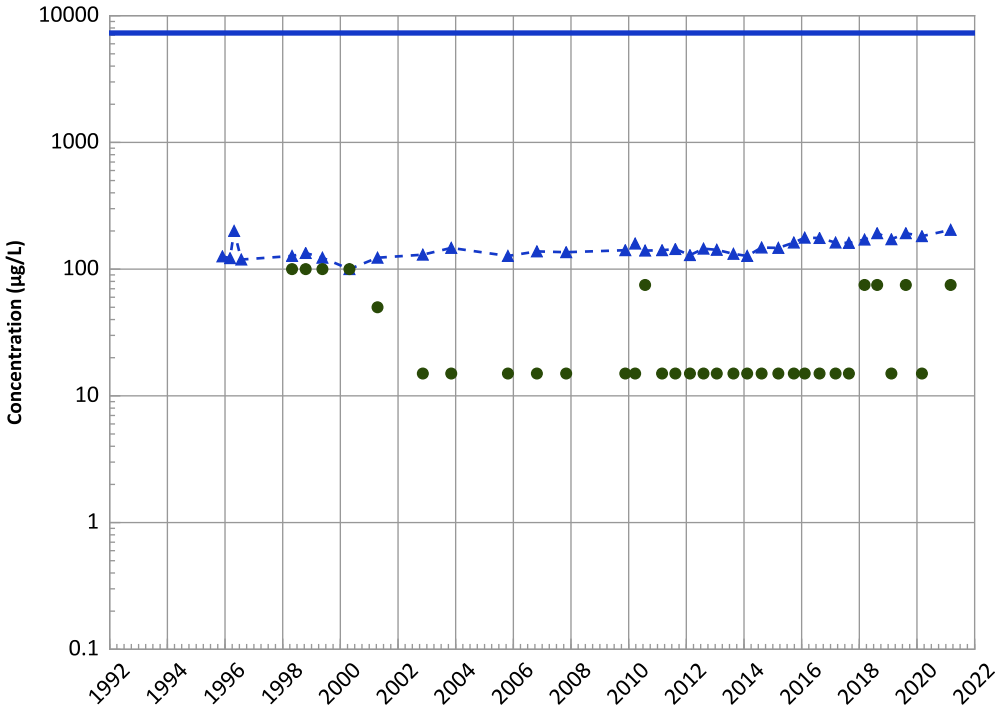
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

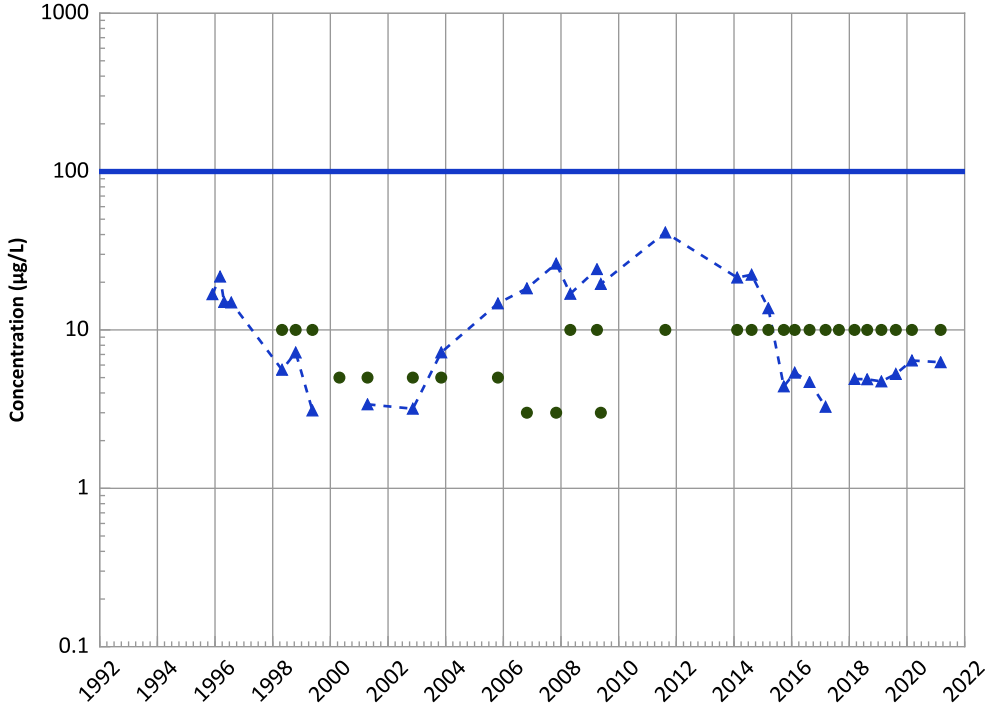


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

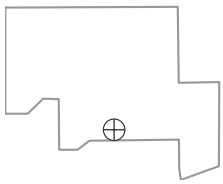
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

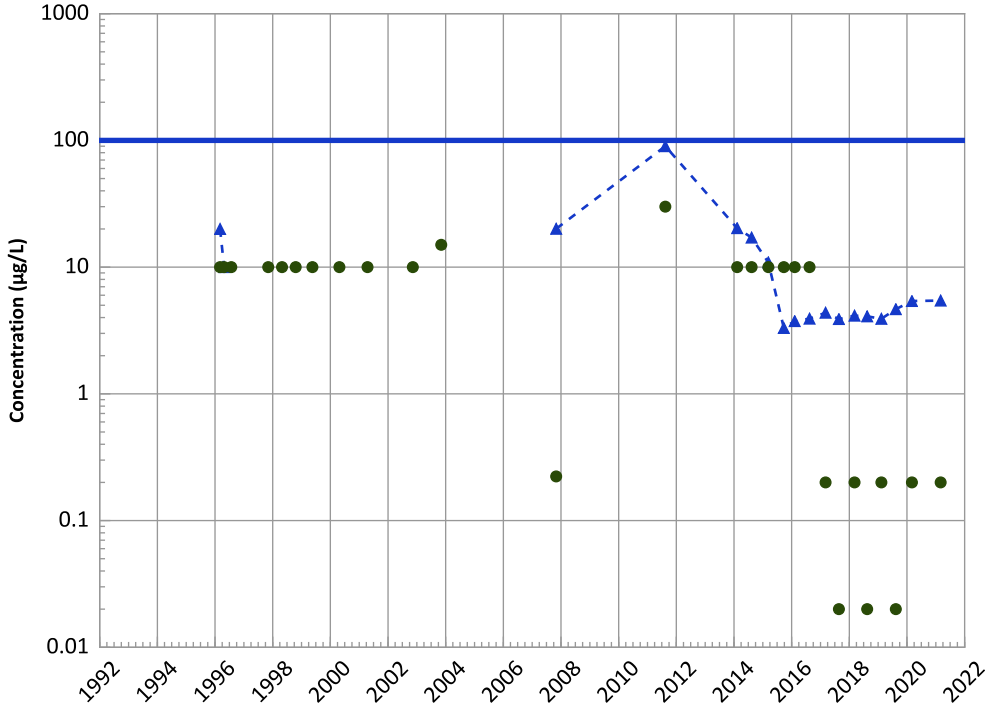
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

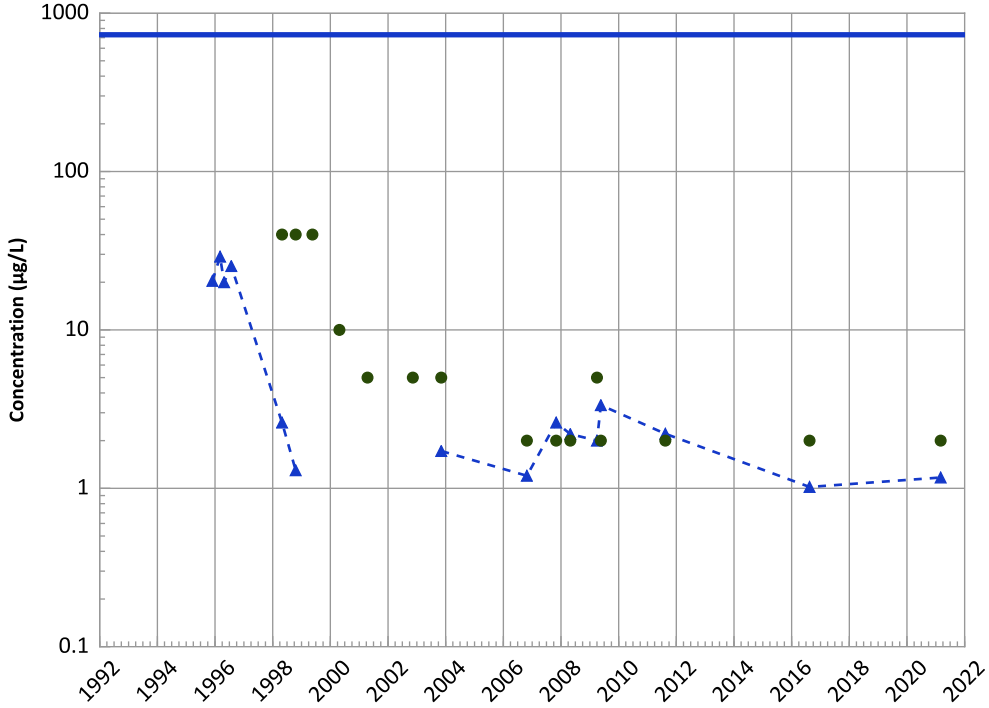


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Nickel Trend



Concentration Trend

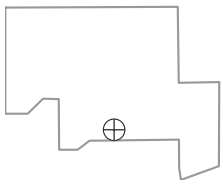
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

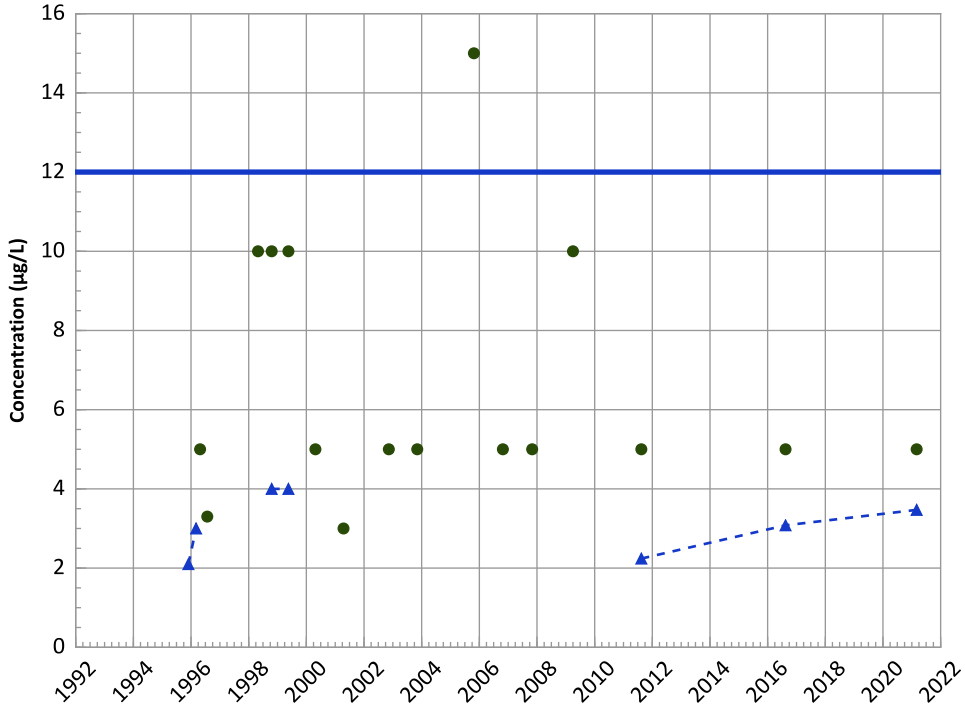
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

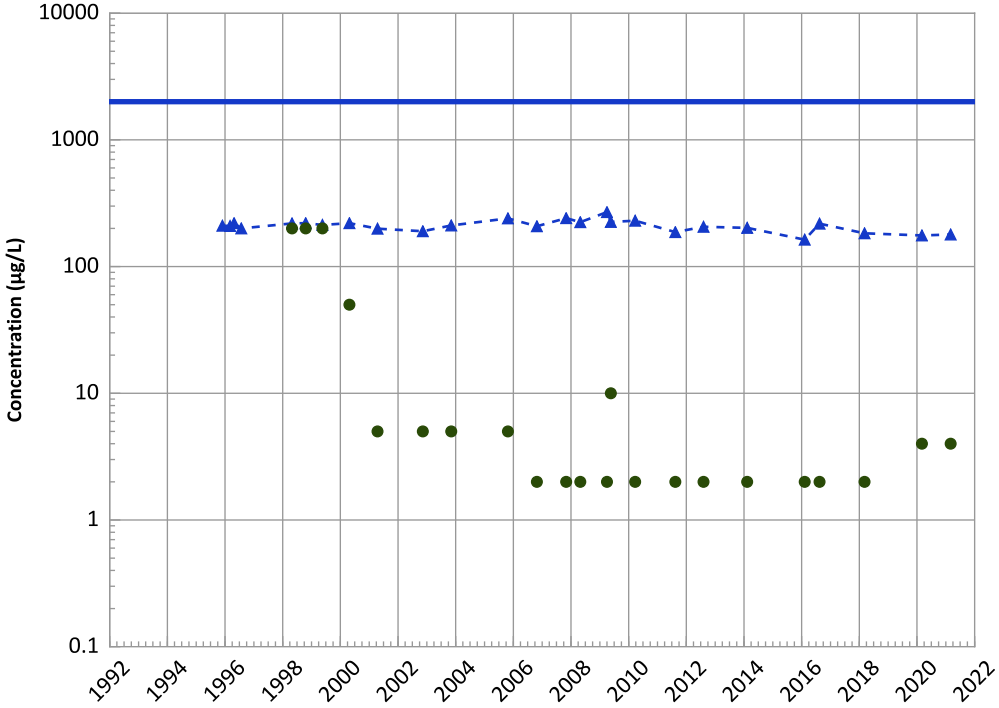


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Barium Trend



Concentration Trend

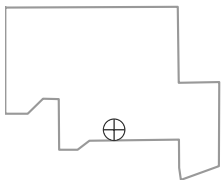
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

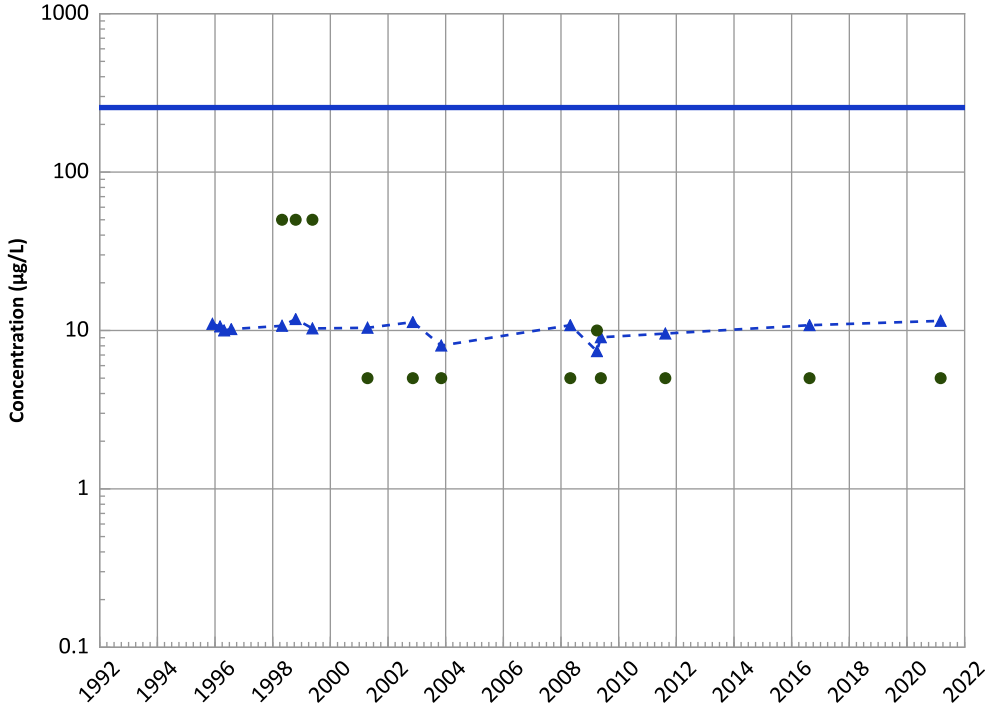
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX08-1005 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

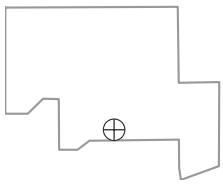
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

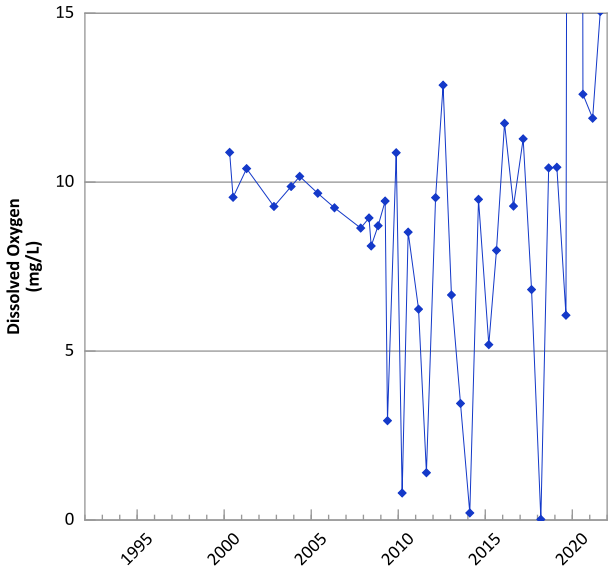
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/29/1995 to 03/03/2021
Analysis Date: 04/05/2022

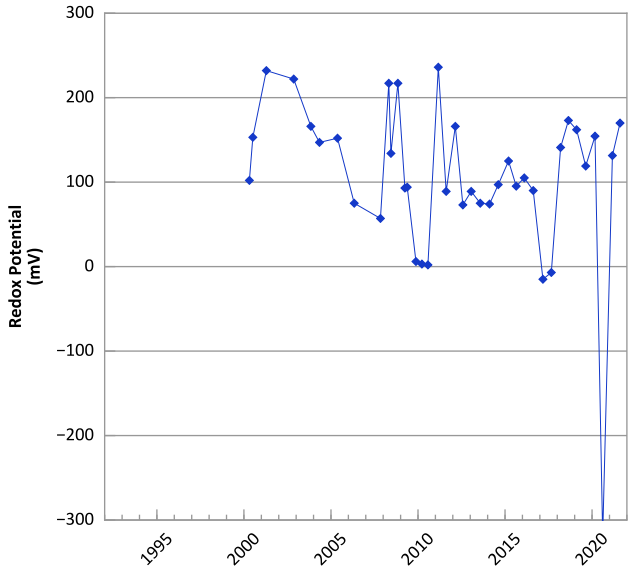
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

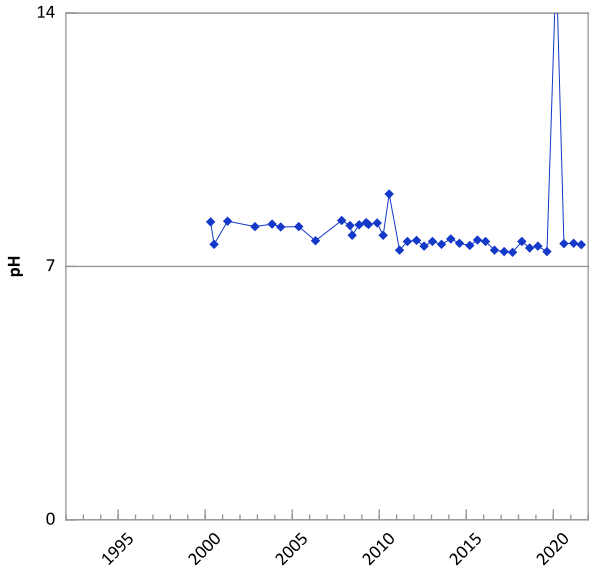
Well Location

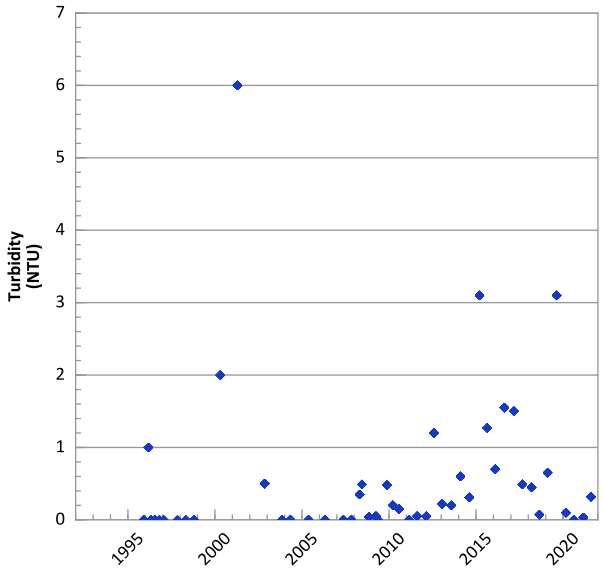


PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



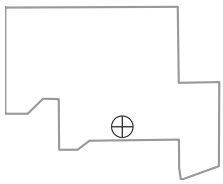






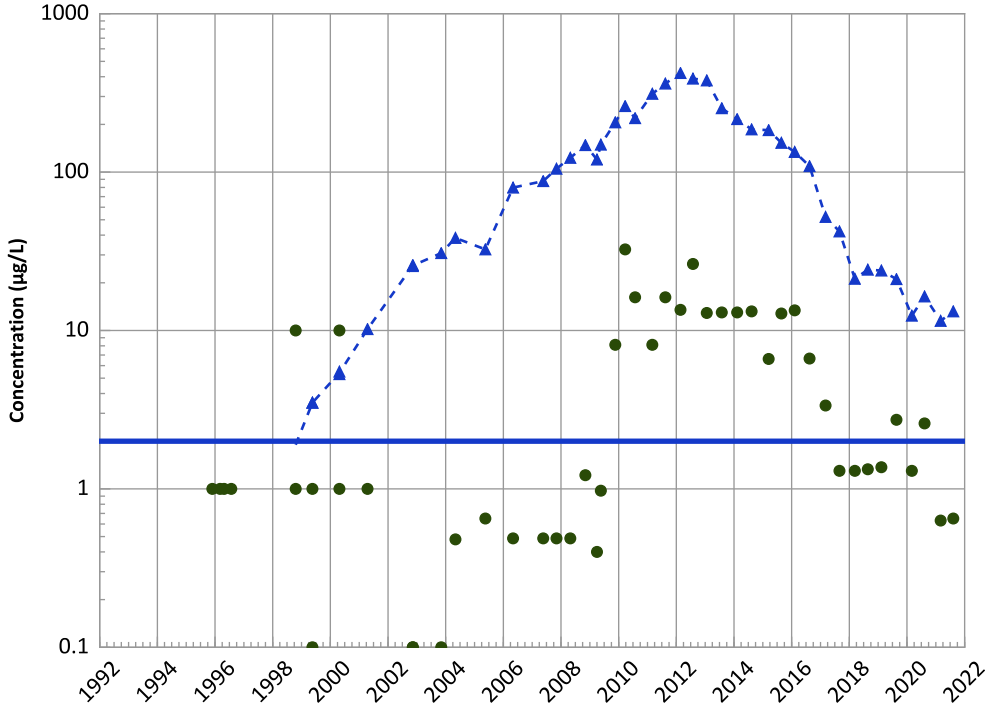
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

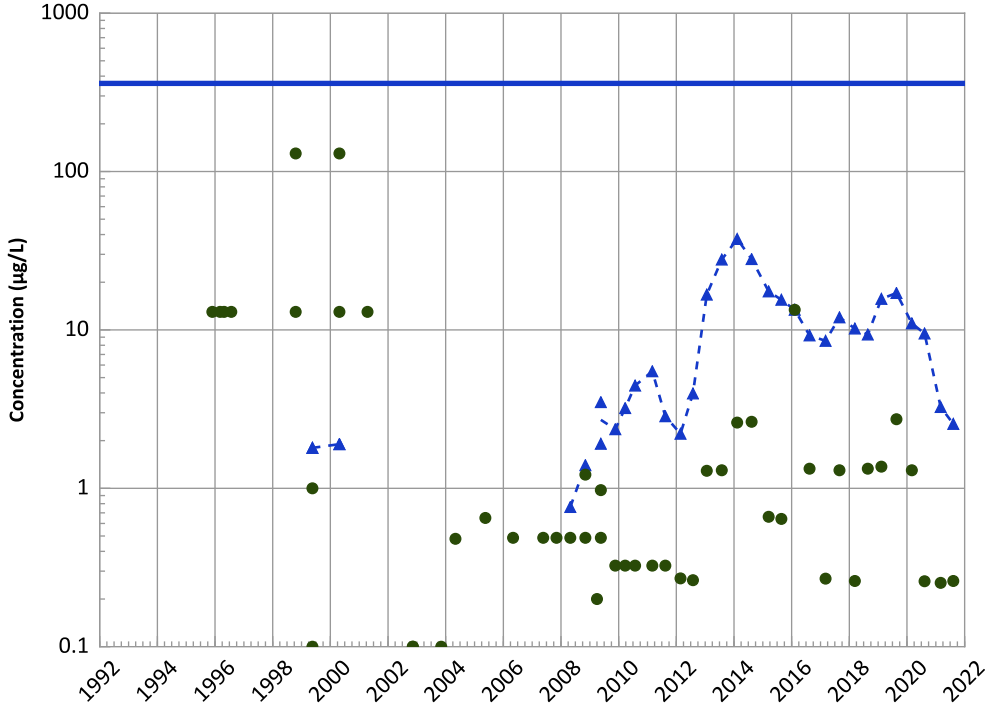


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

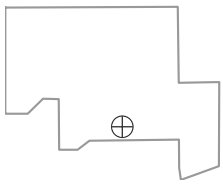
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

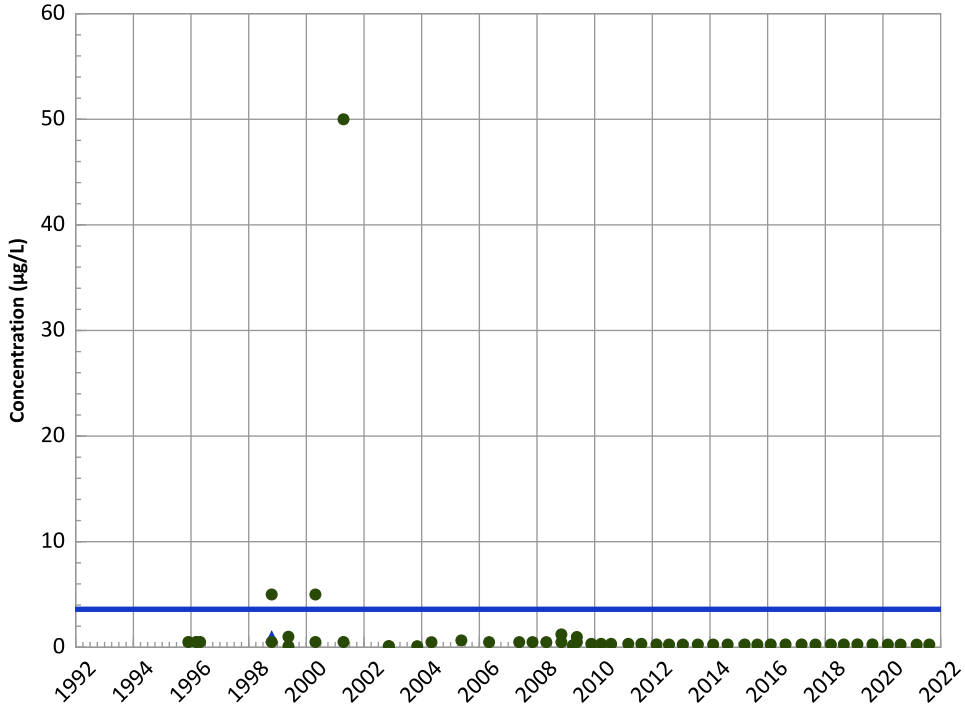
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

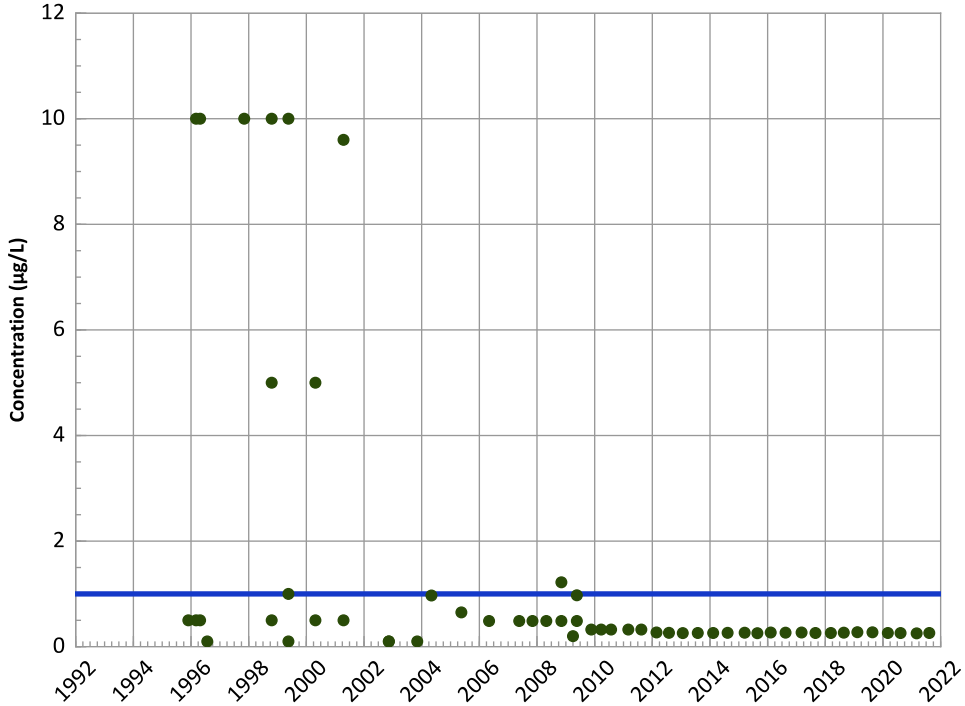


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

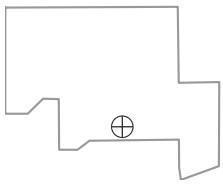
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

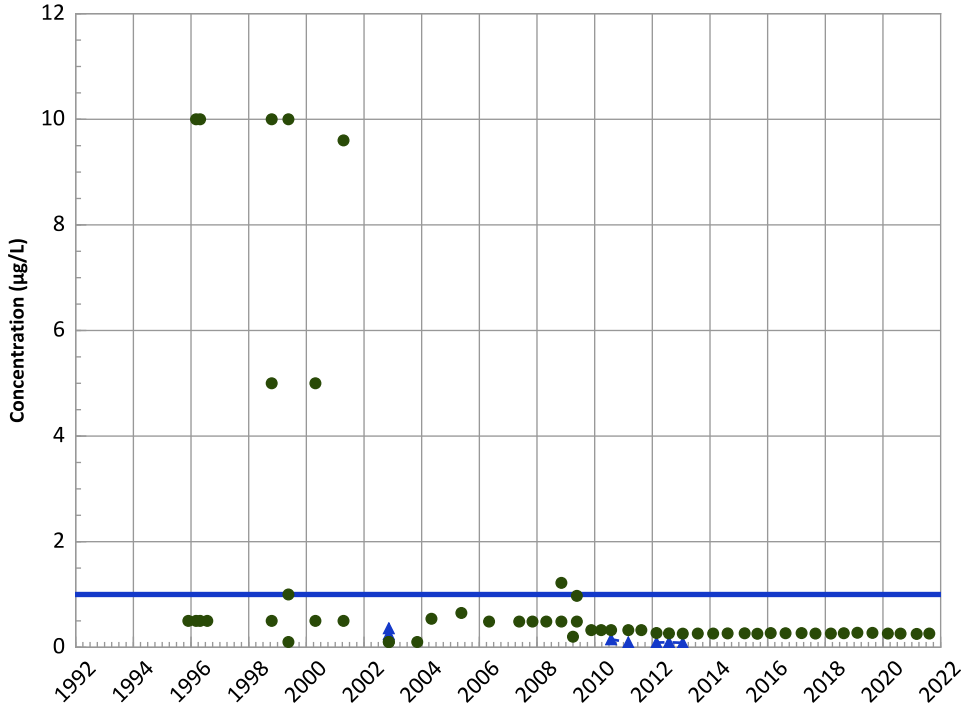
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

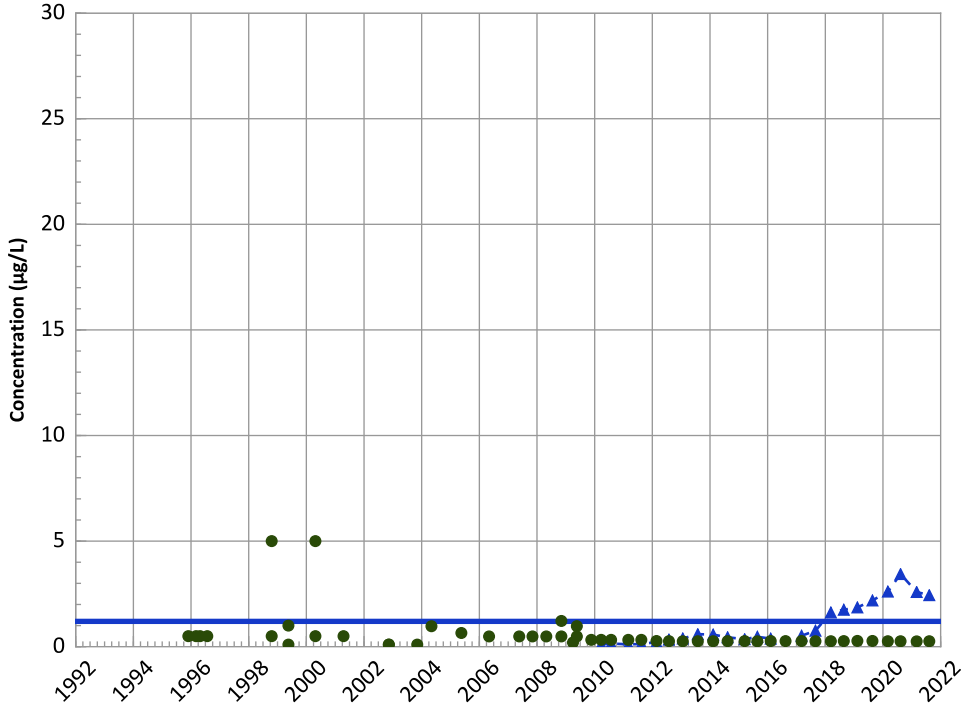


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

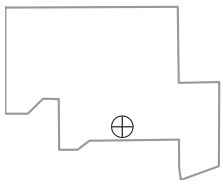
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

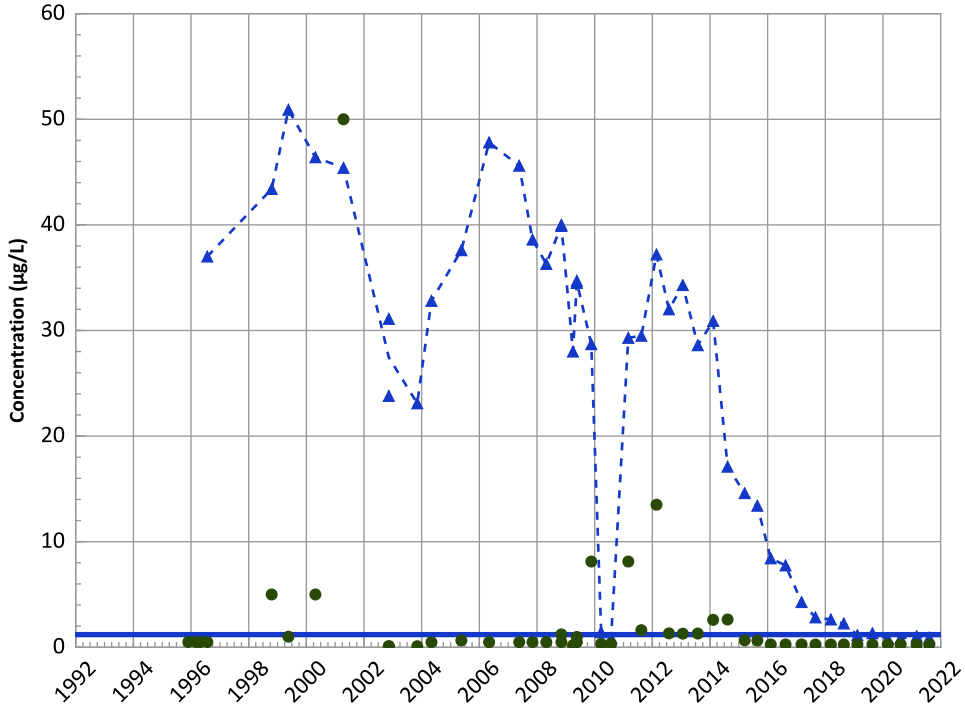
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

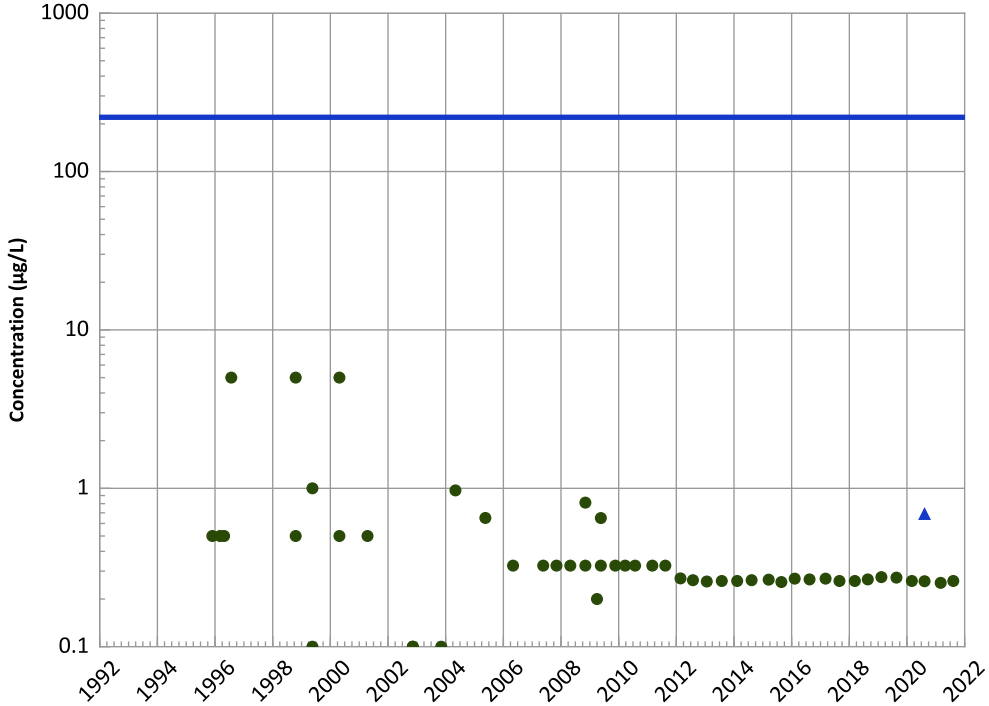


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

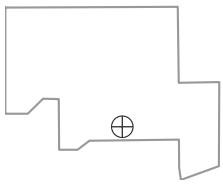
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

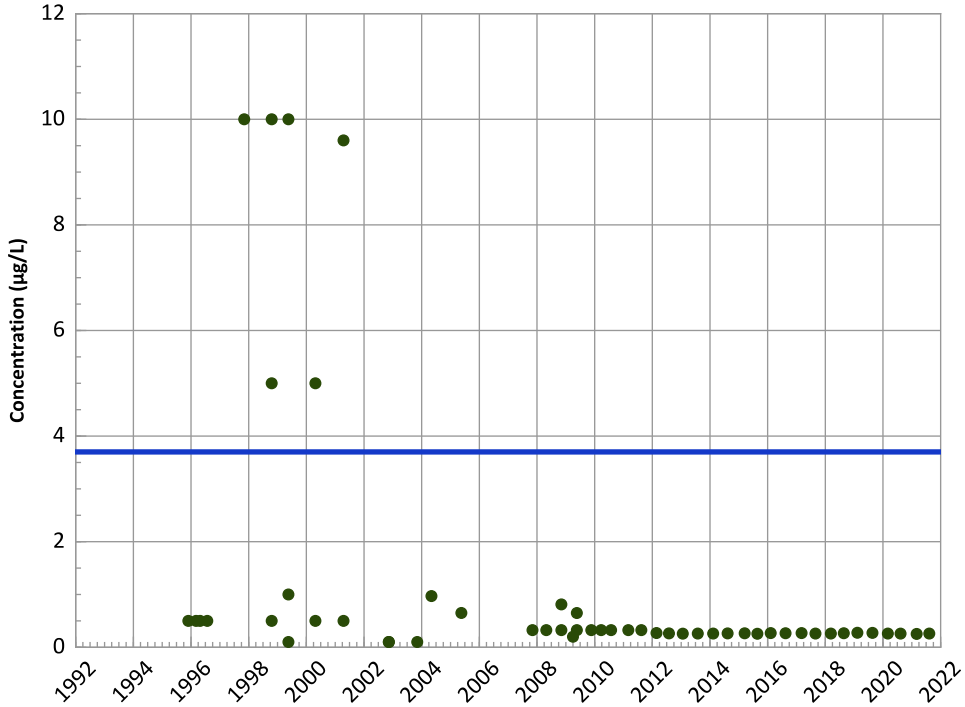
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

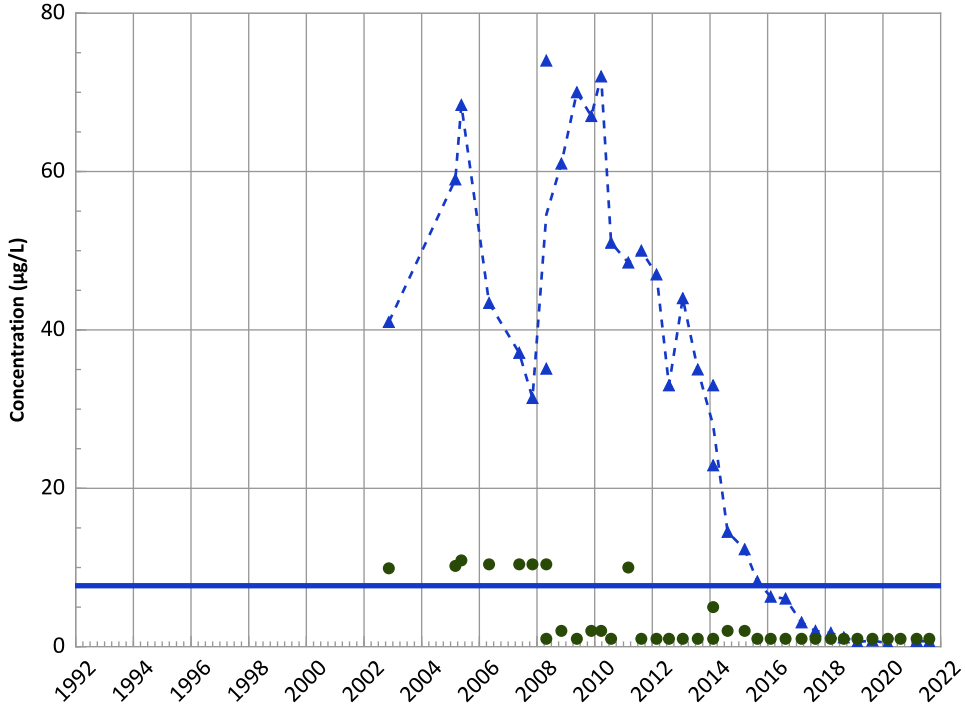


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

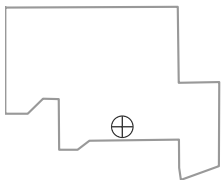
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

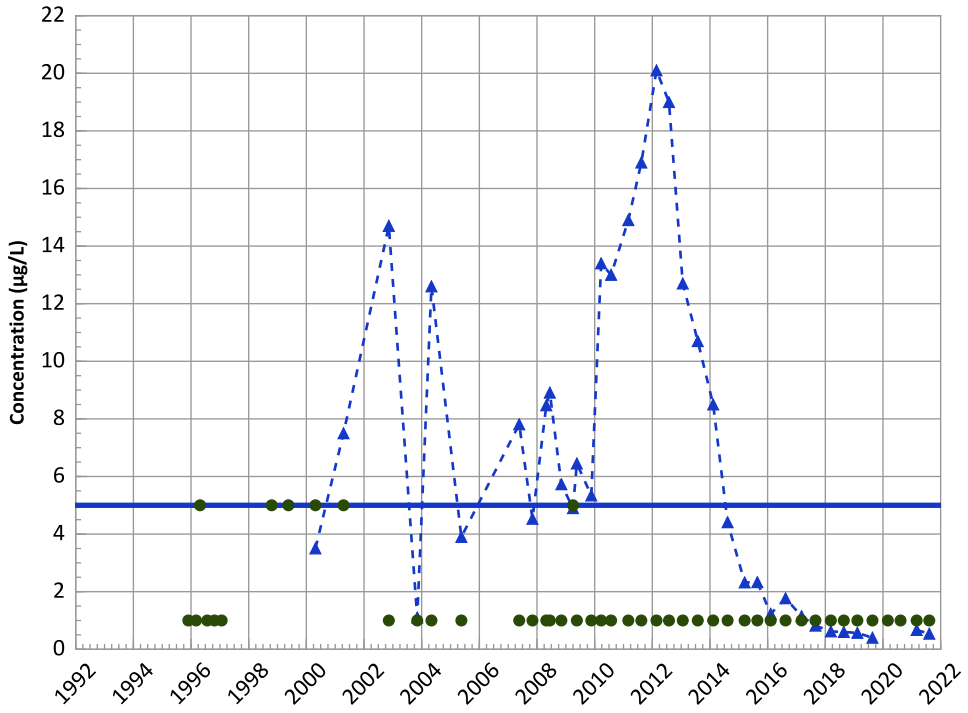
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

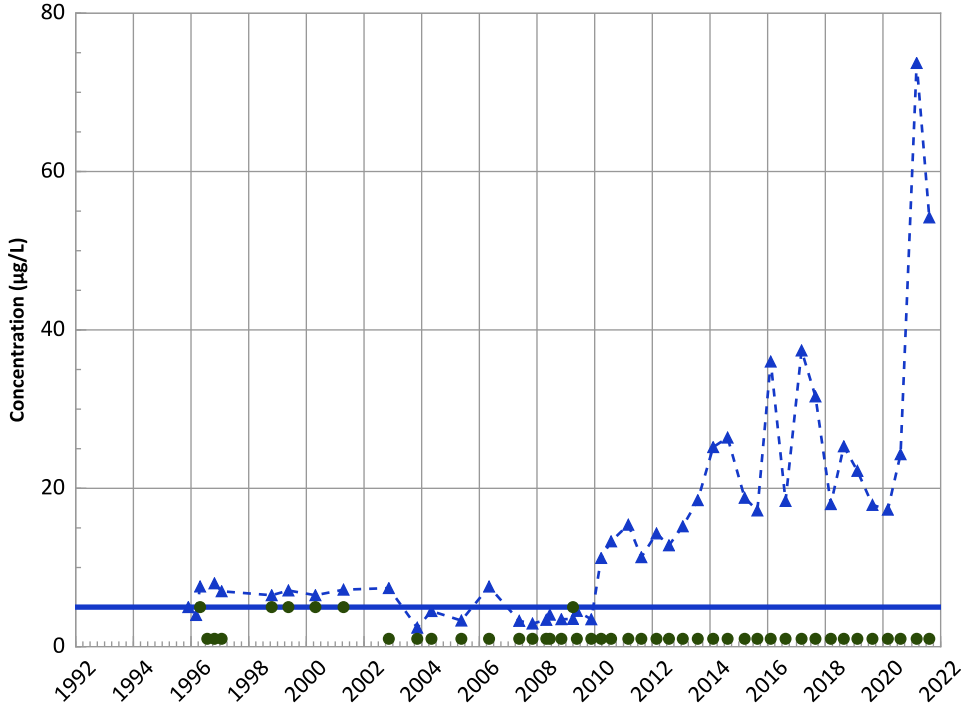


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

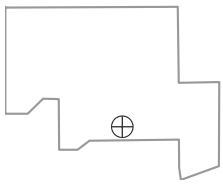
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

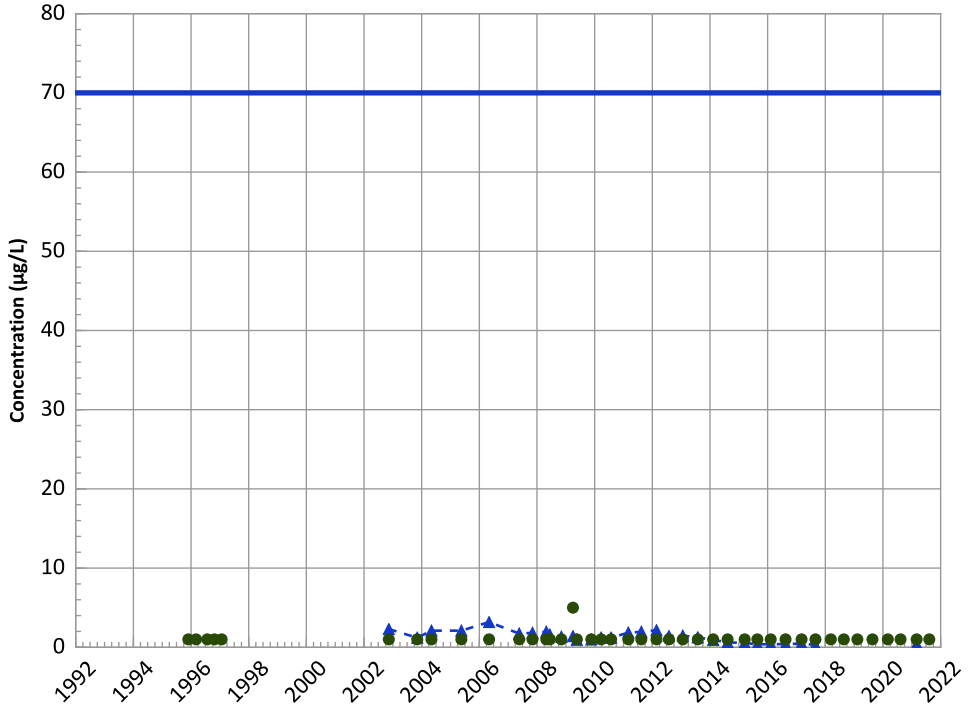
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

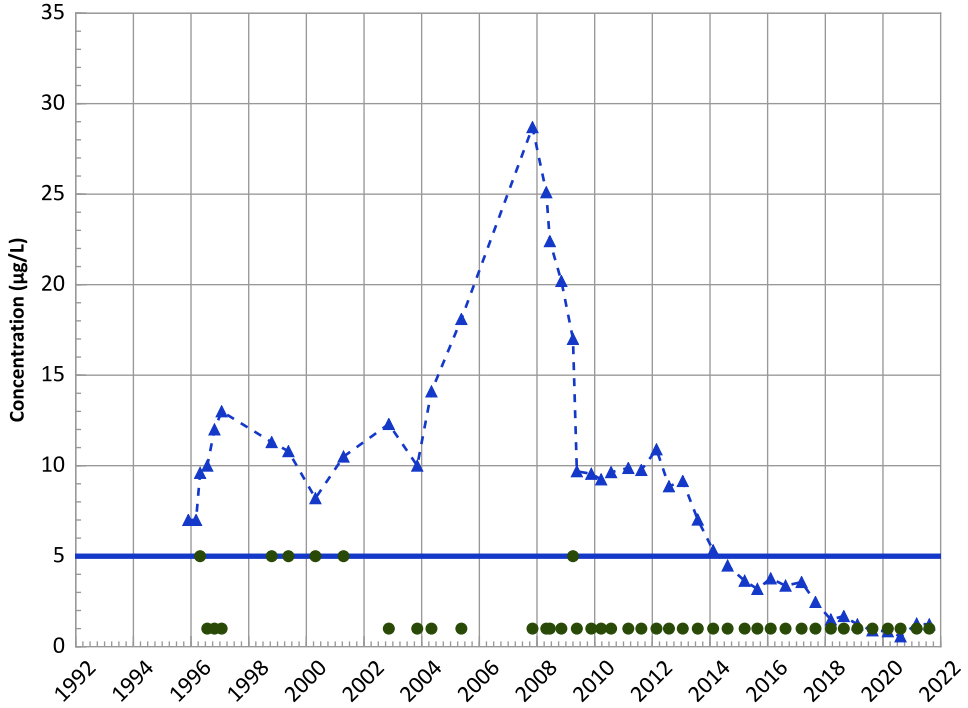


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

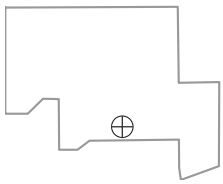
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

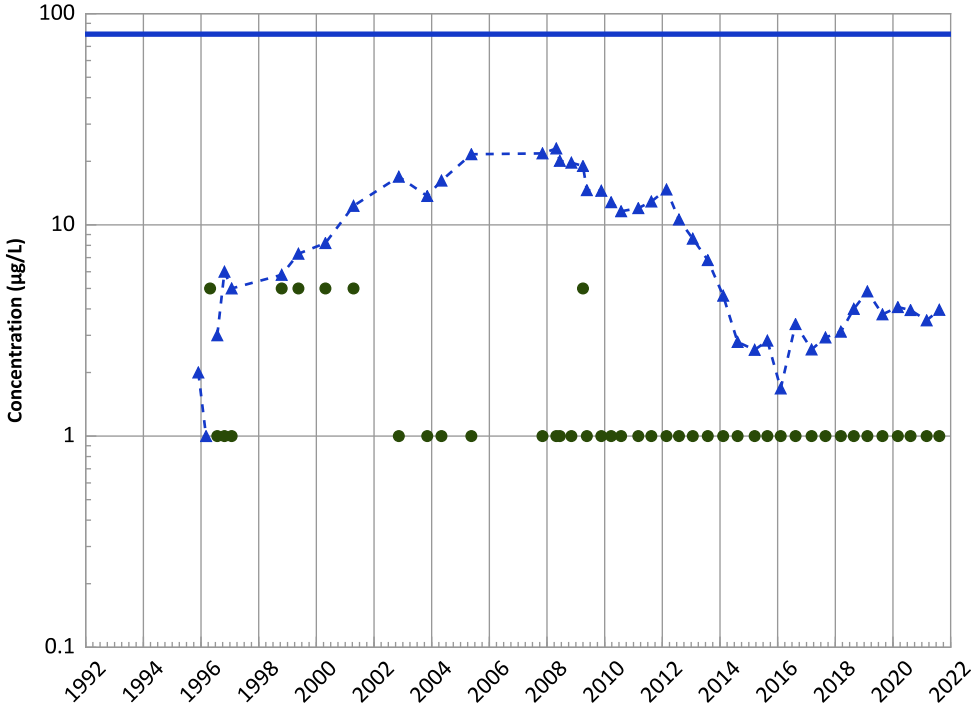
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

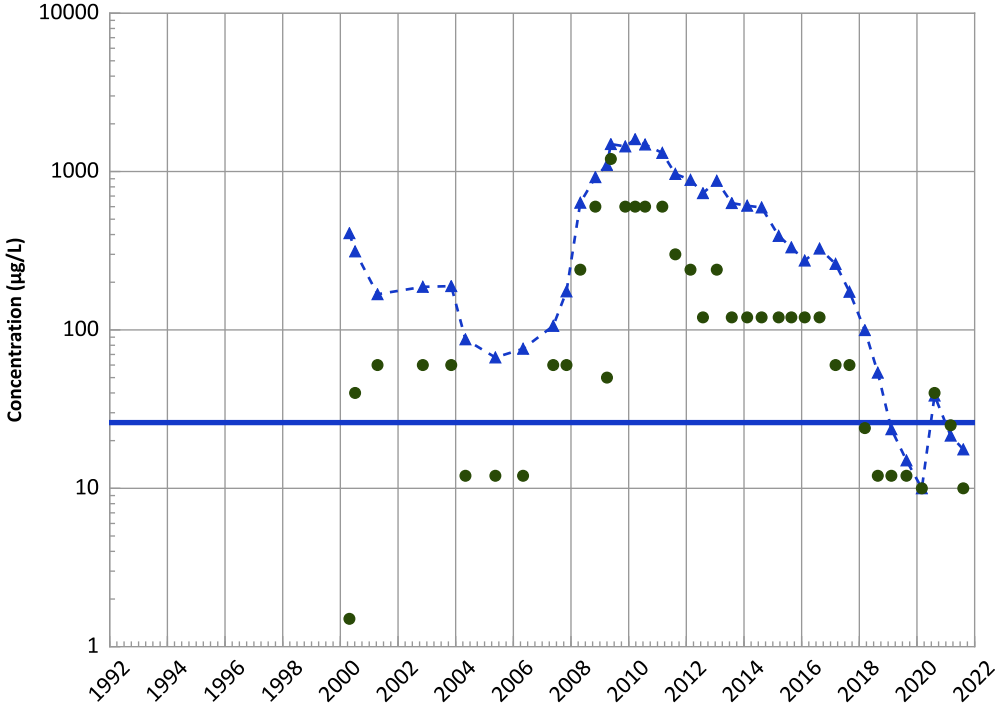


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Decreasing

Perchlorate Trend



Concentration Trend

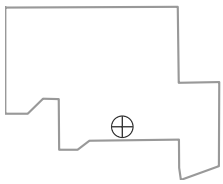
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

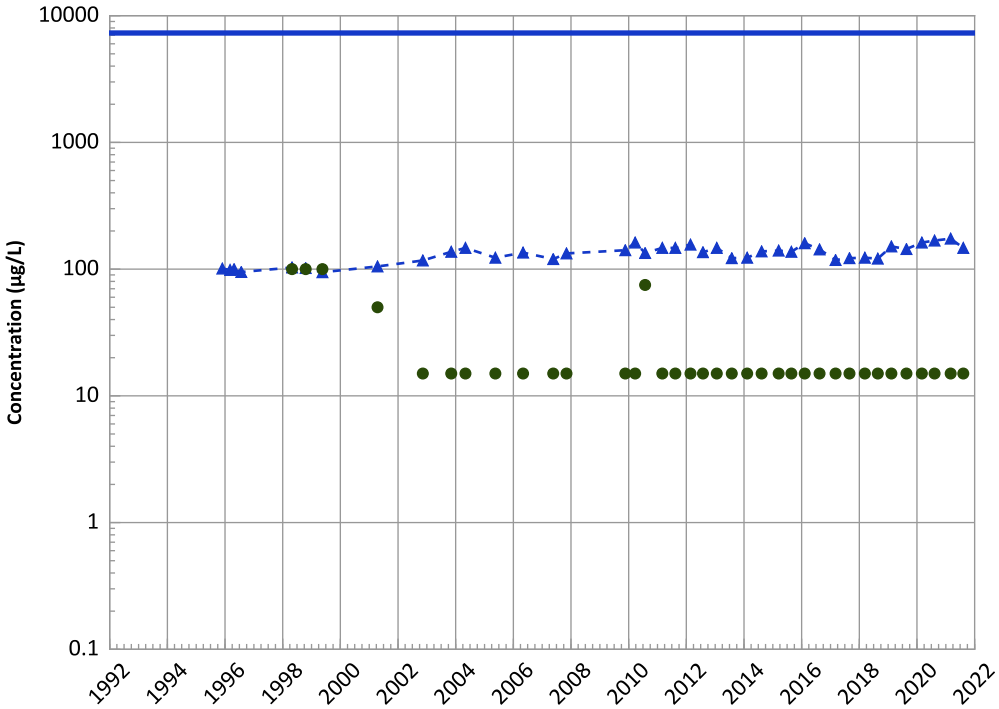
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

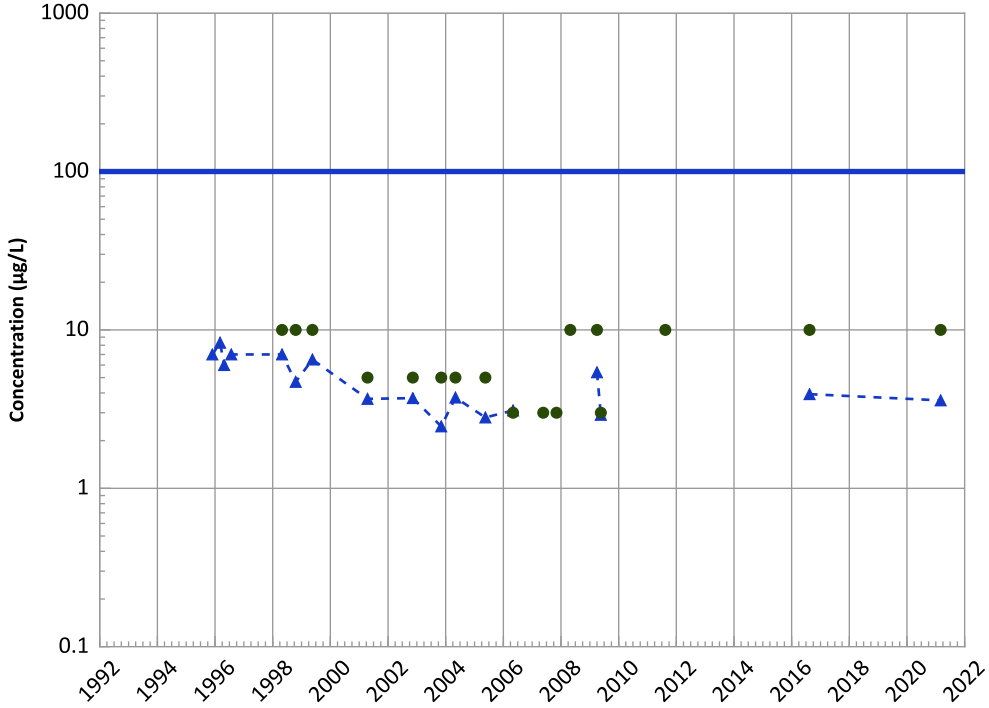


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

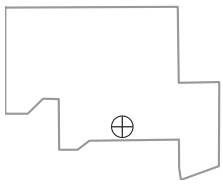
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

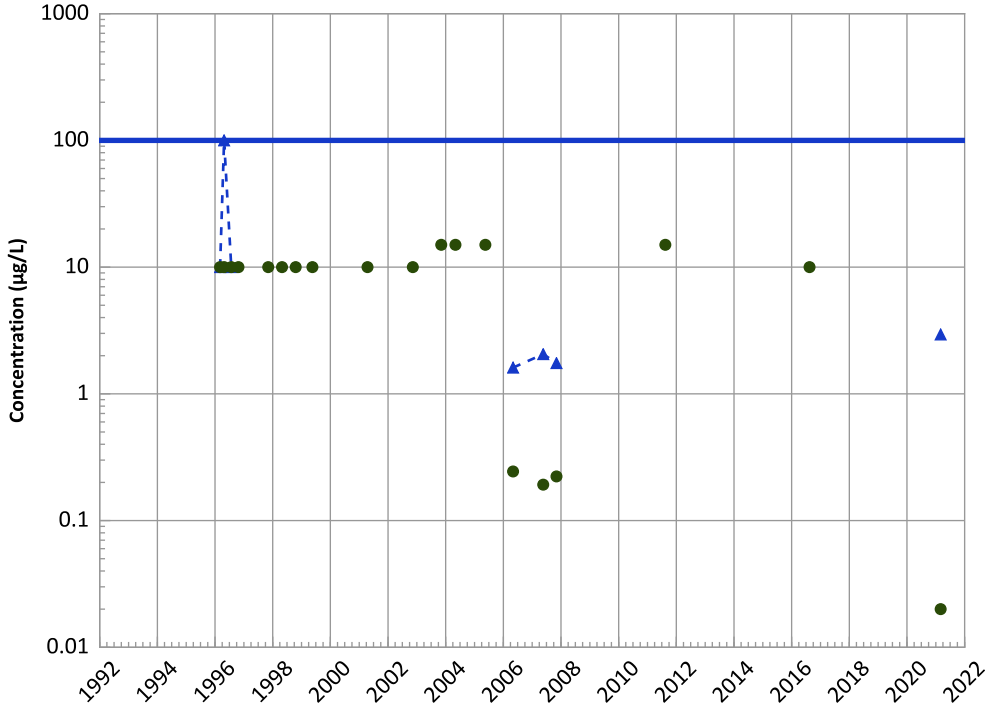
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

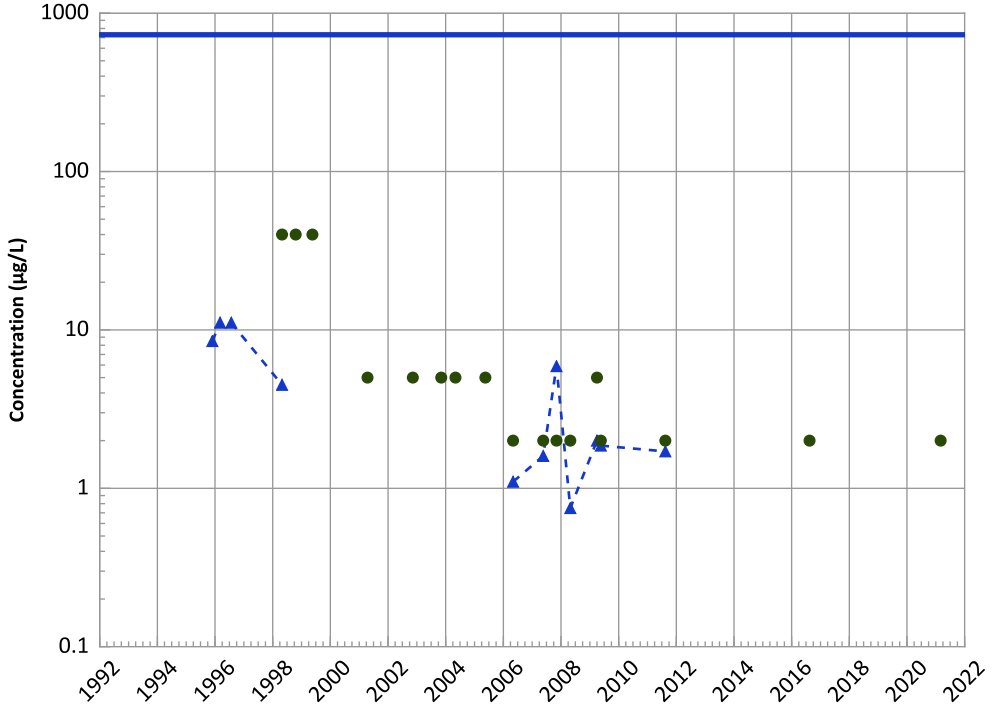


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Nickel Trend



Concentration Trend

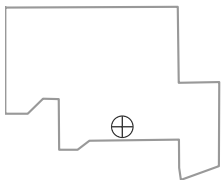
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

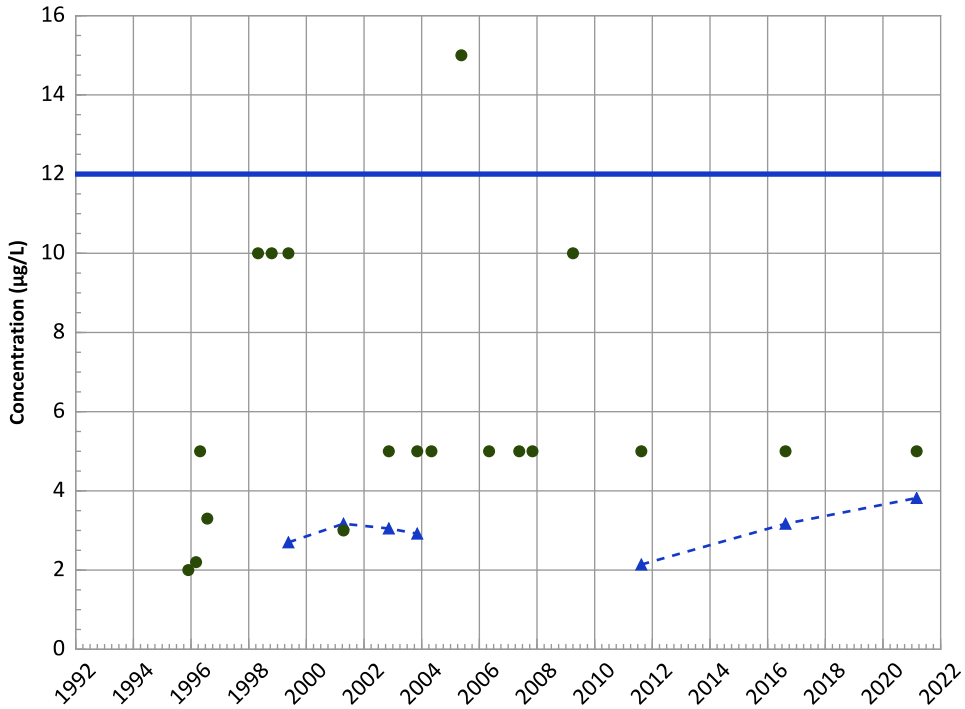
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

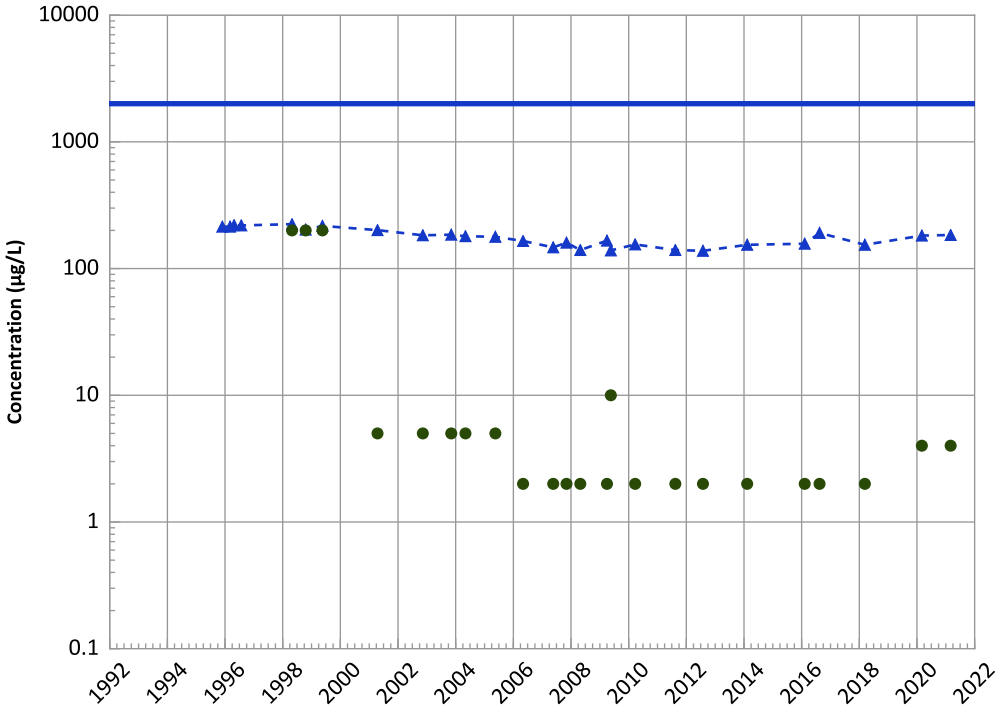


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Barium Trend



Concentration Trend

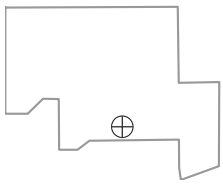
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

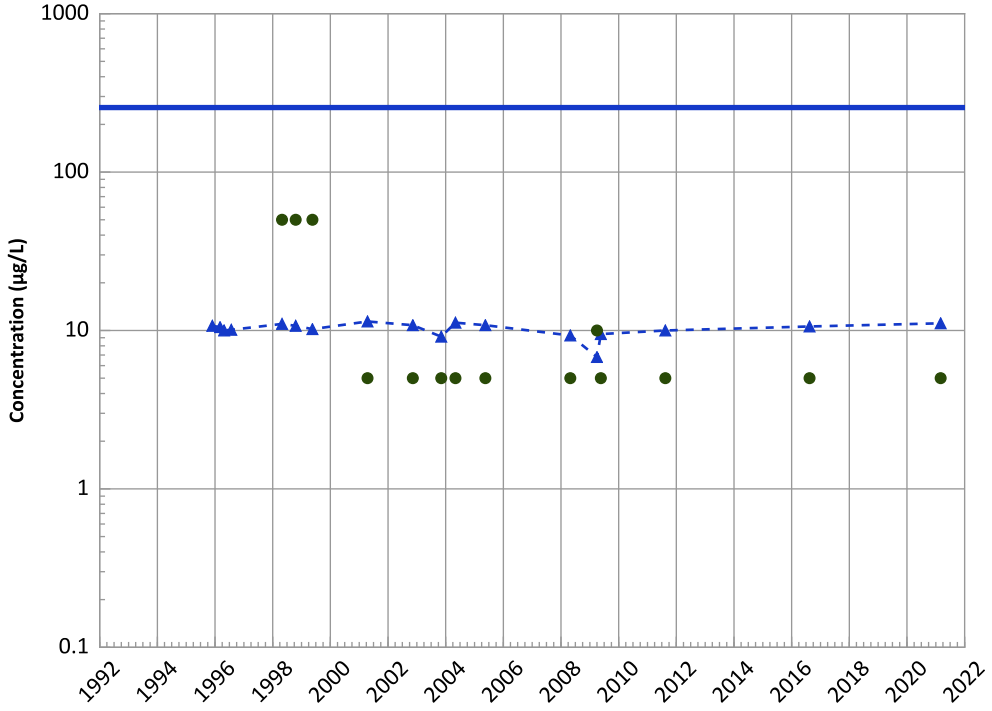
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1006 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

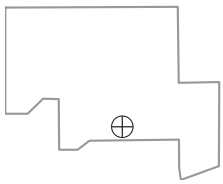
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

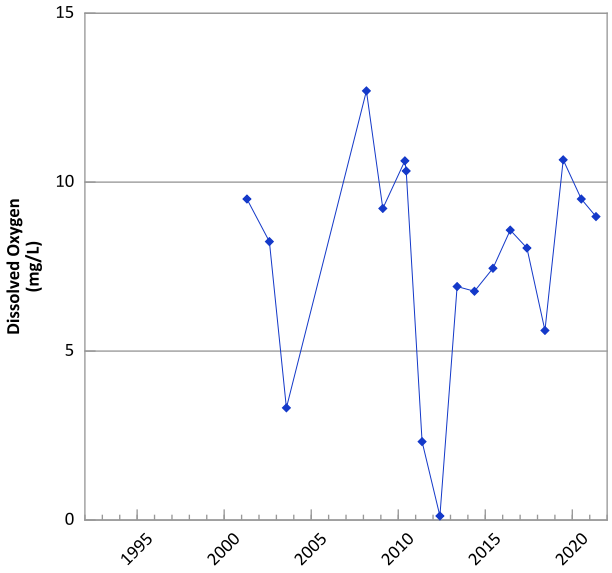
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/28/1995 to 08/10/2021
Analysis Date: 04/05/2022

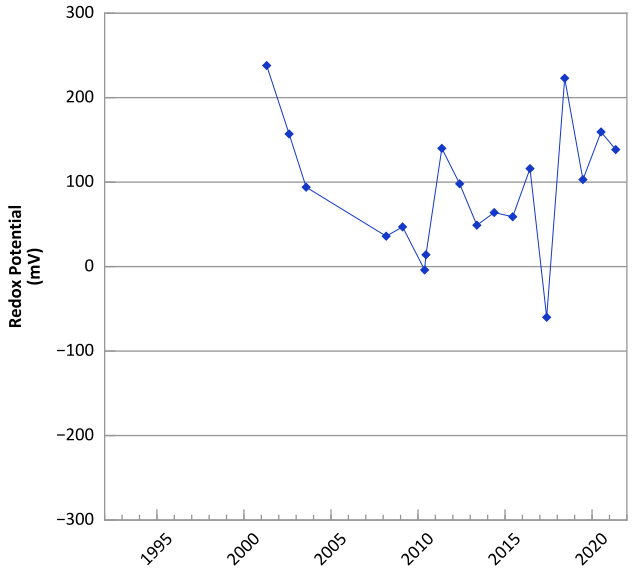
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

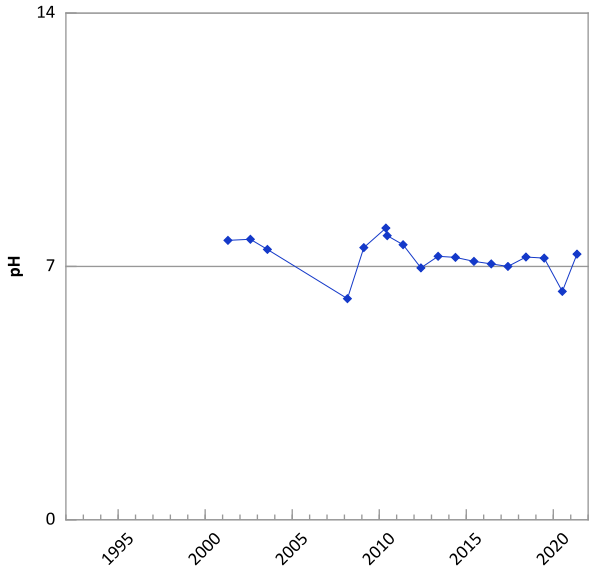
Well Location

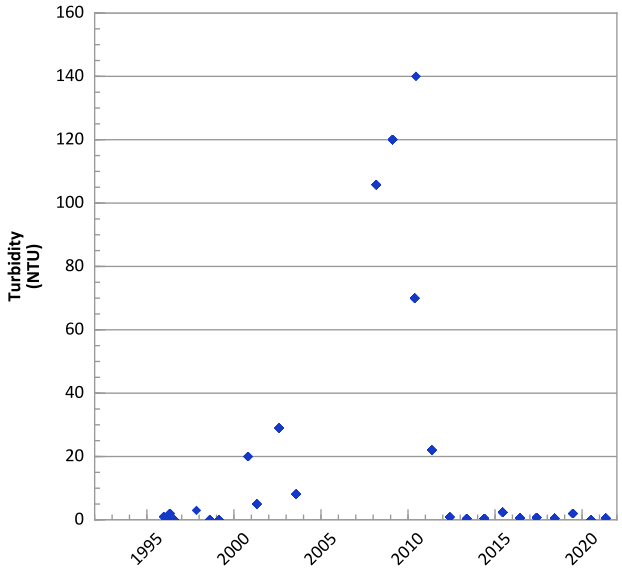


PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



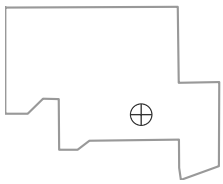






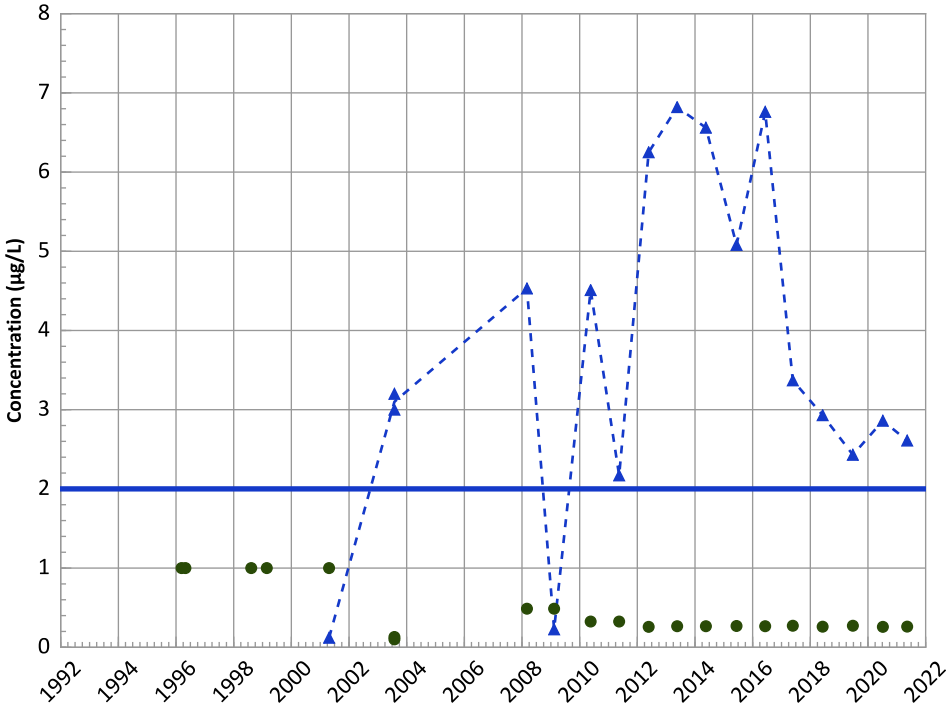
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

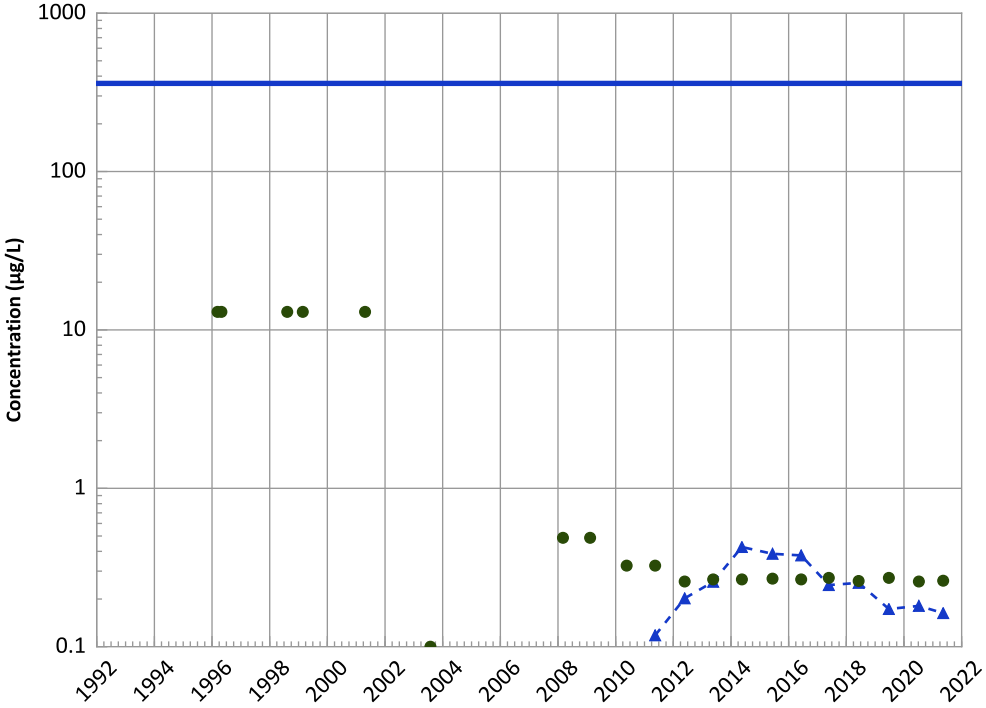


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

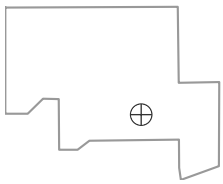
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

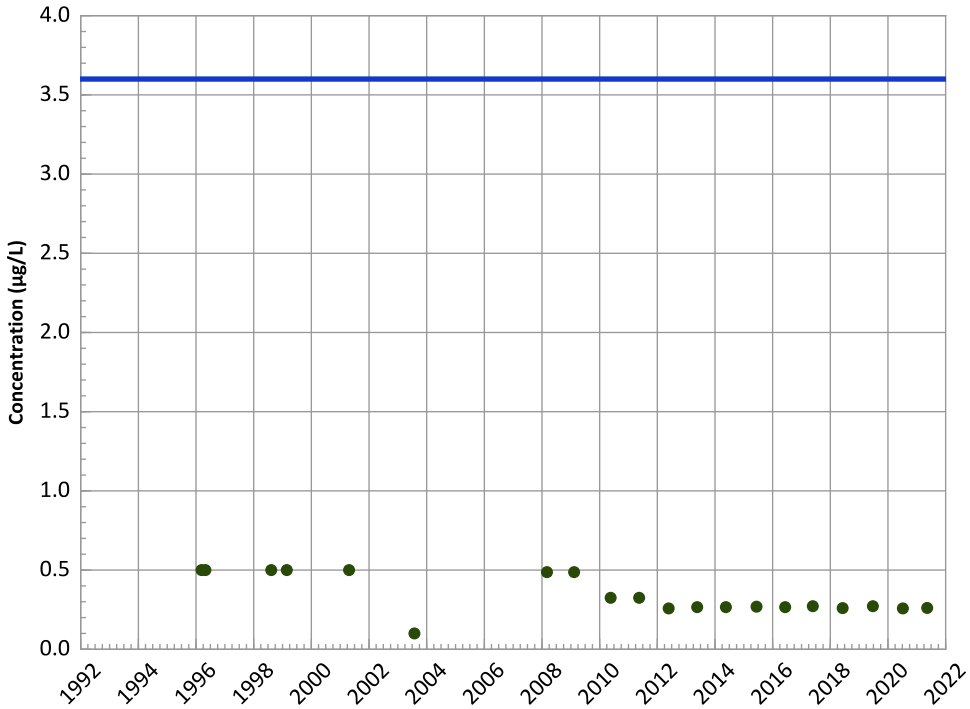
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

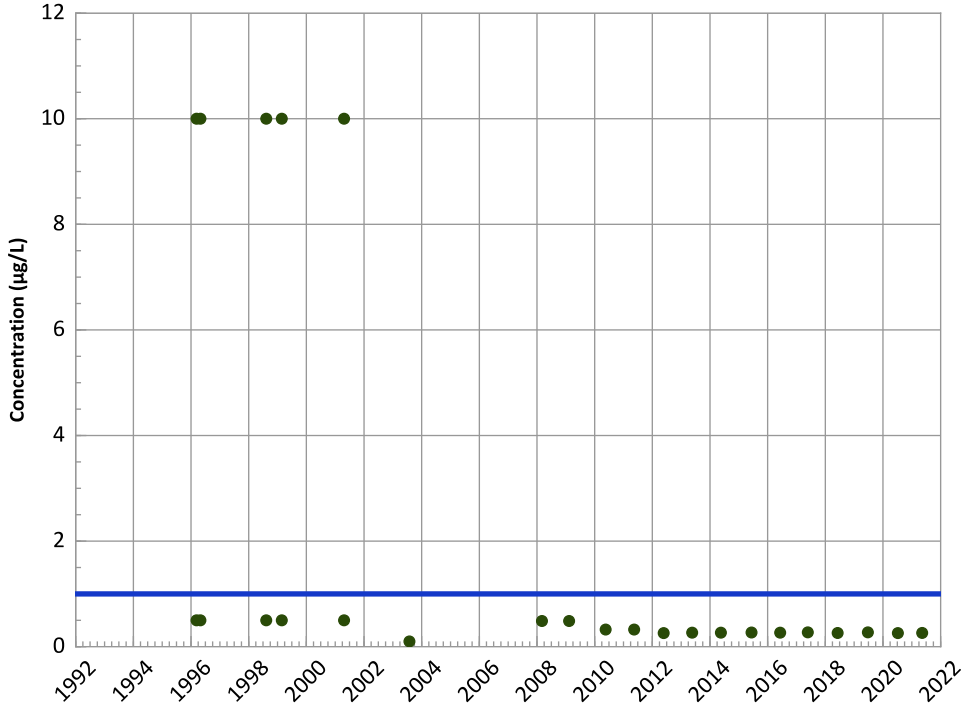


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

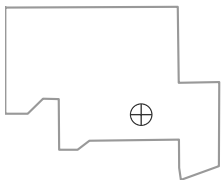
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

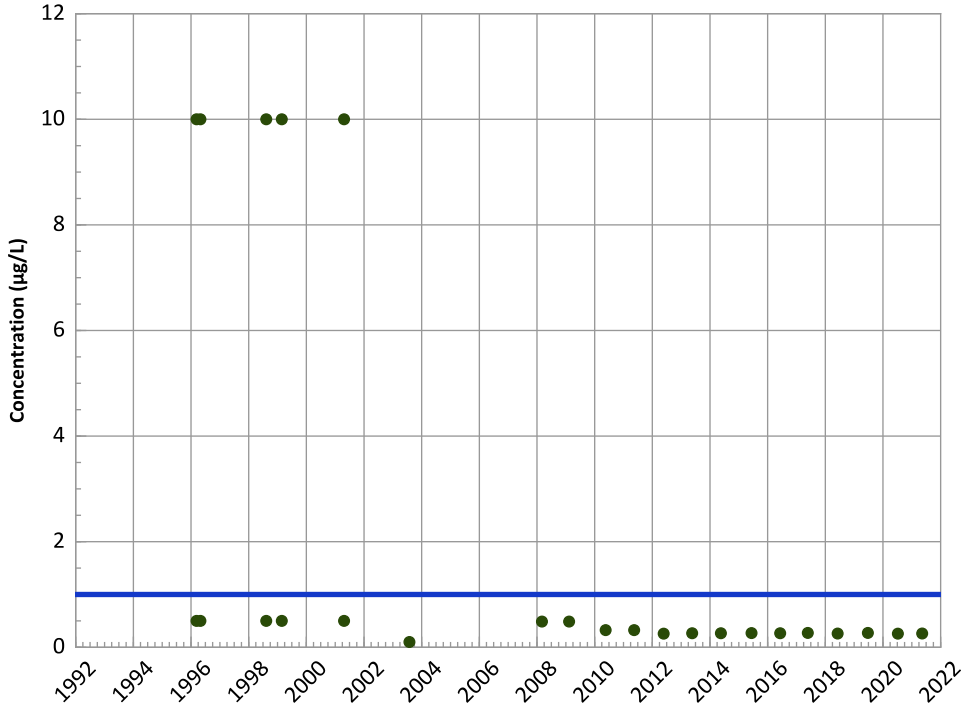
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

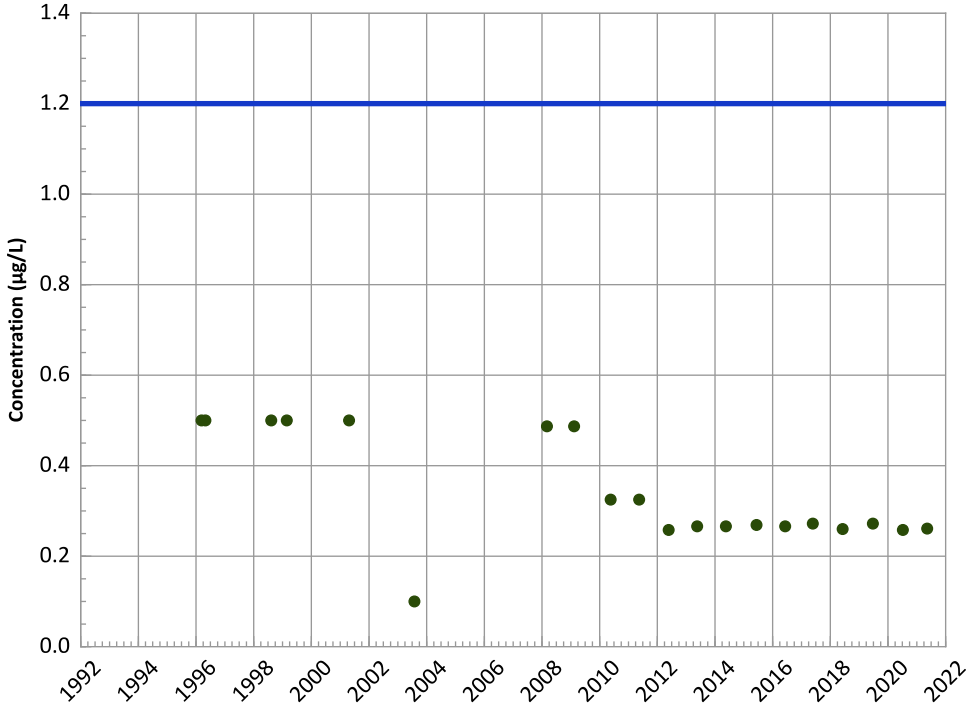


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

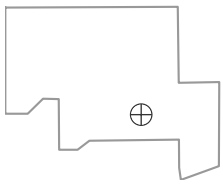
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

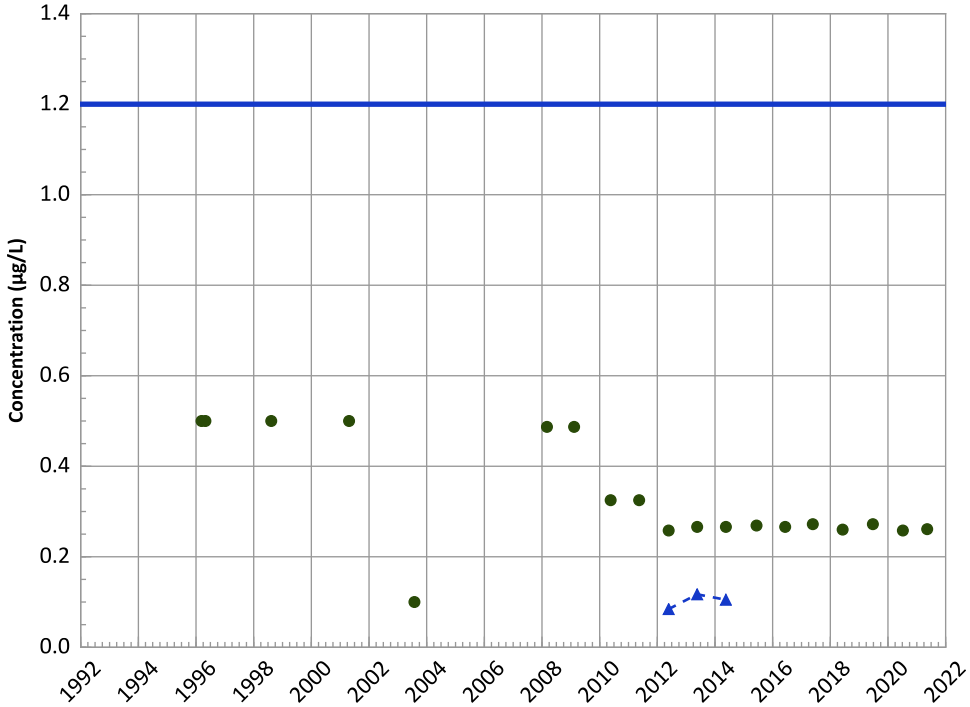
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

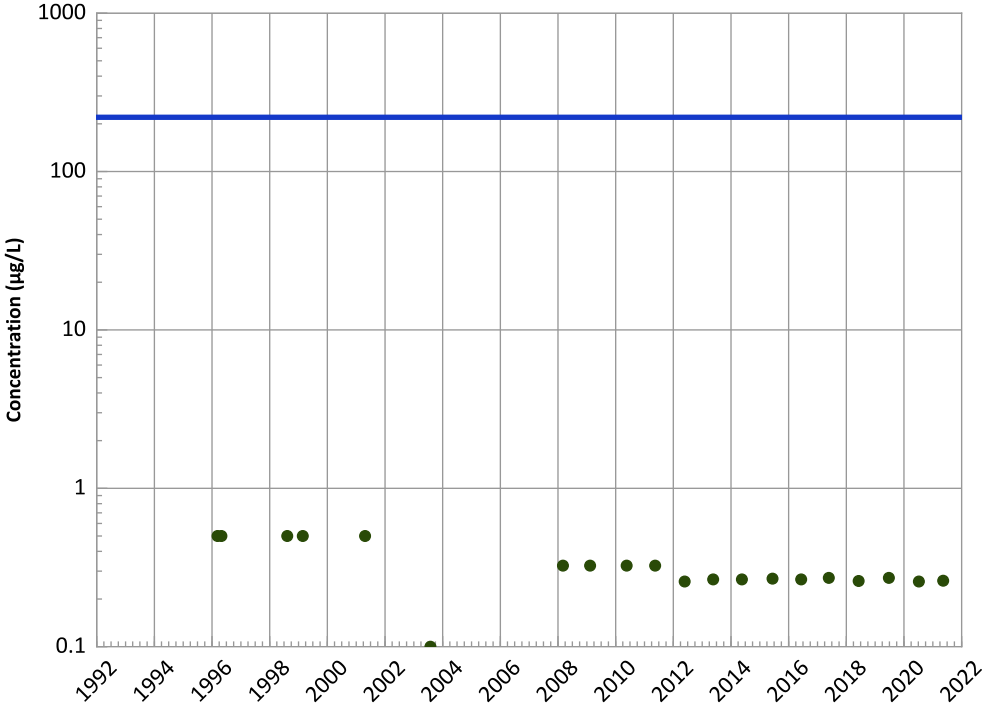


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

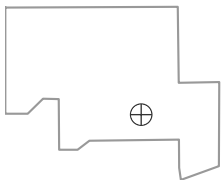
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

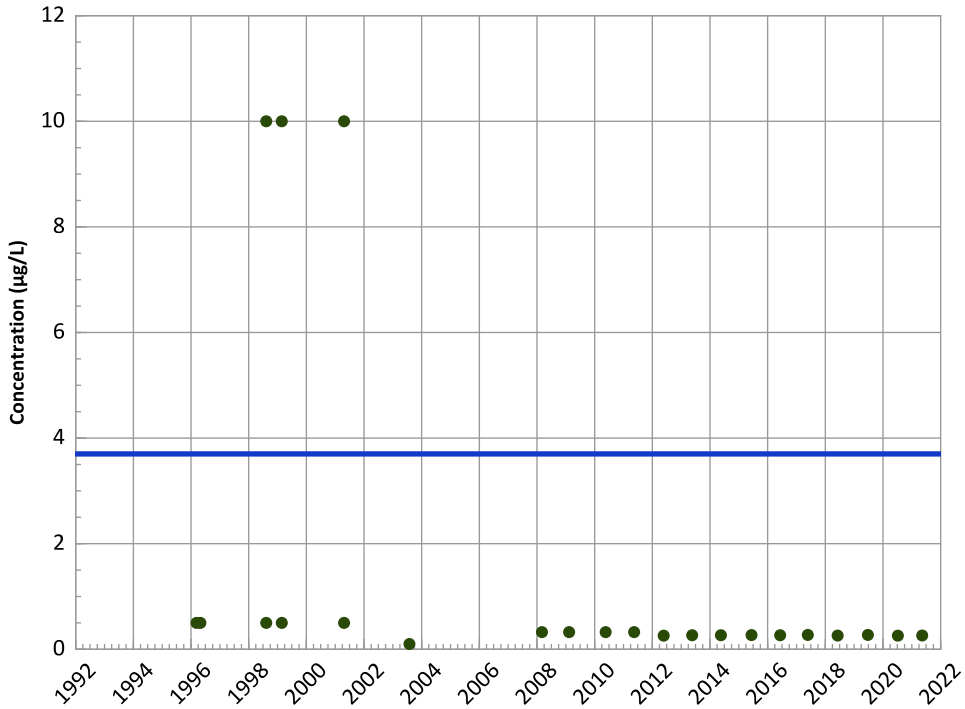
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

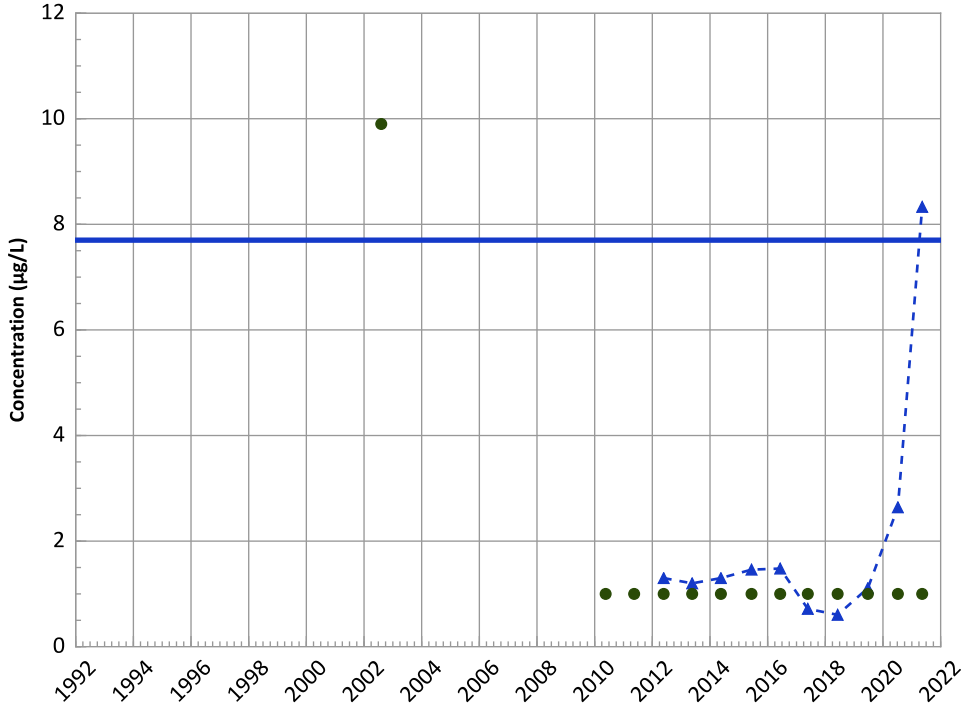


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

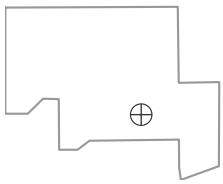
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

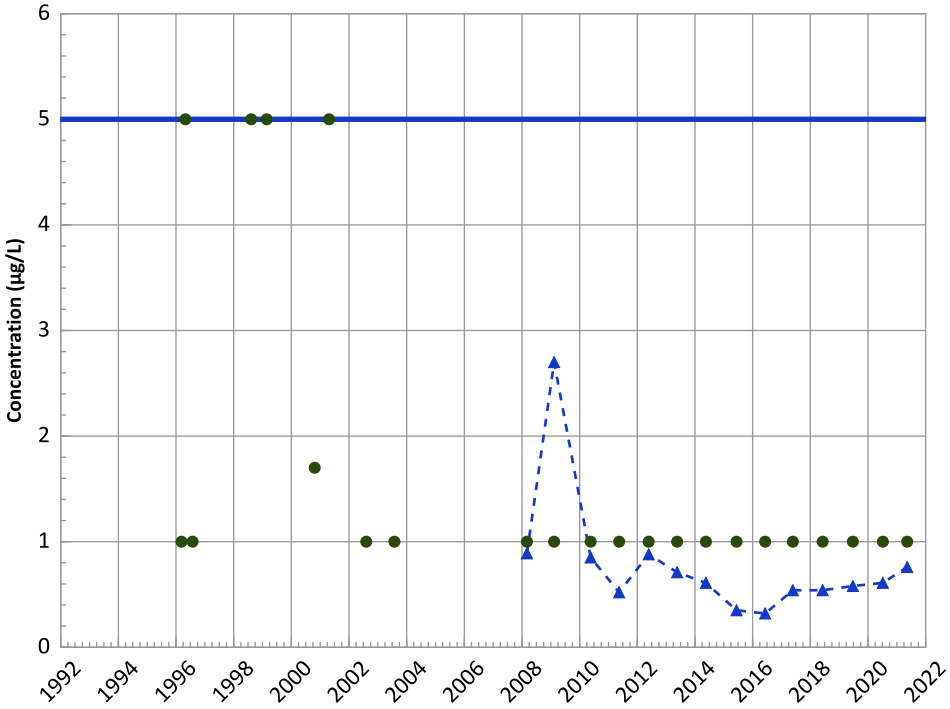
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

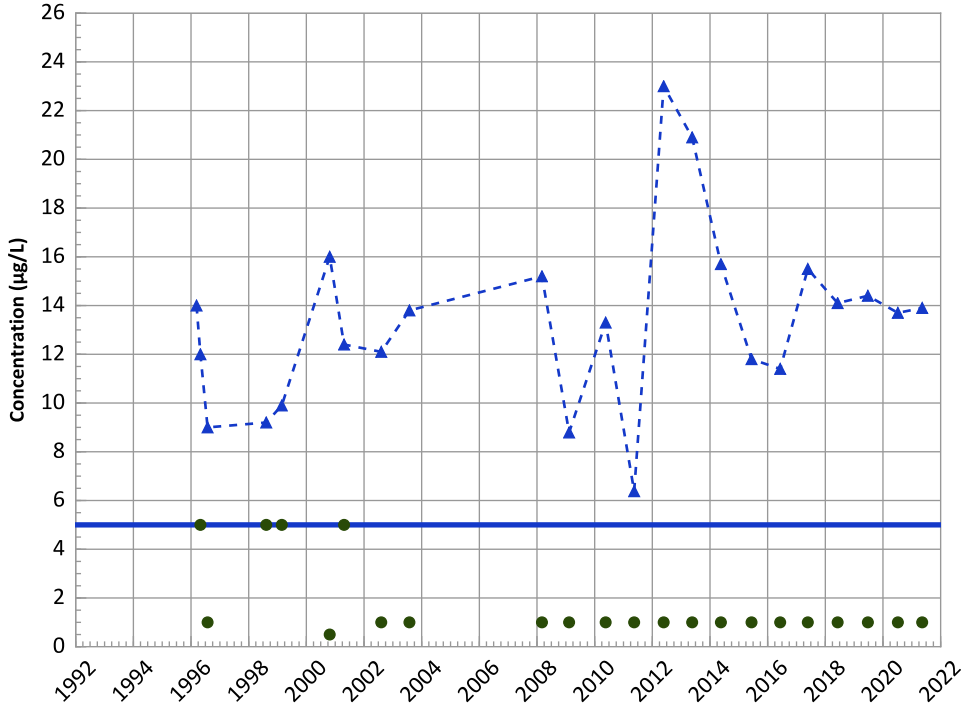


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Trichloroethene Trend



Concentration Trend

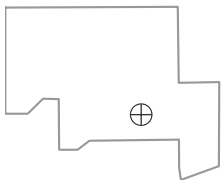
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

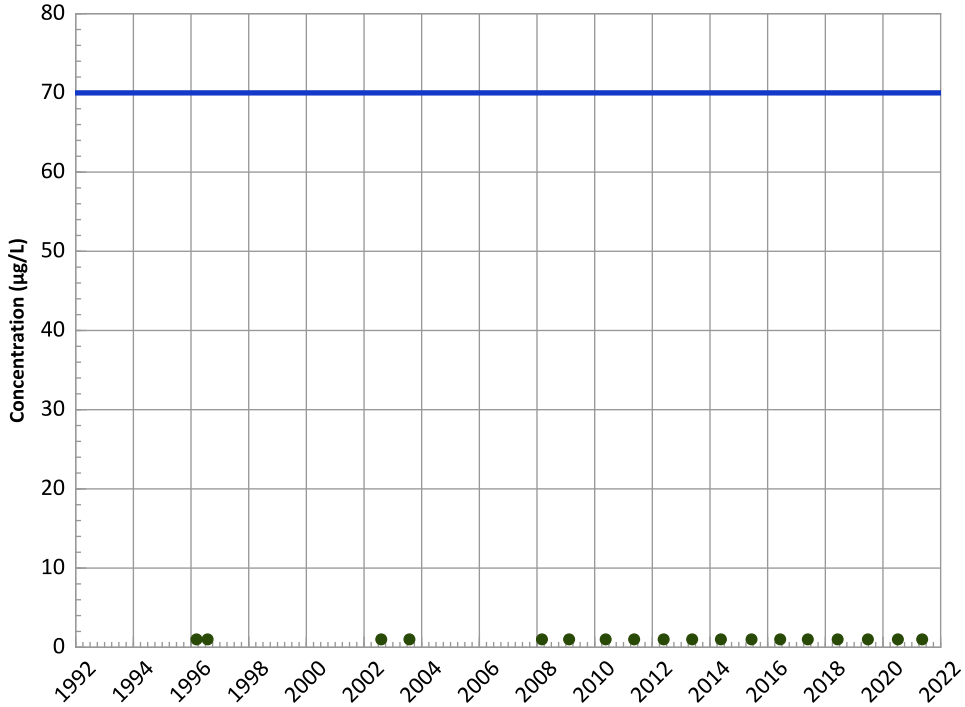
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

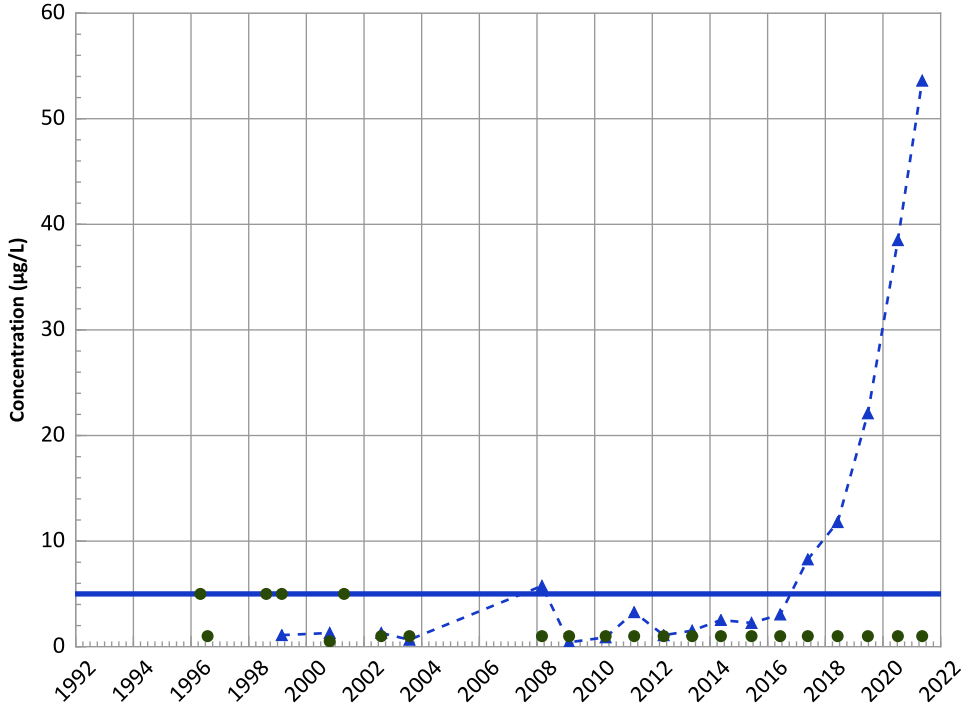


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

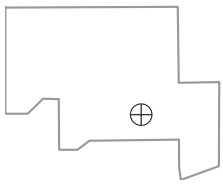
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

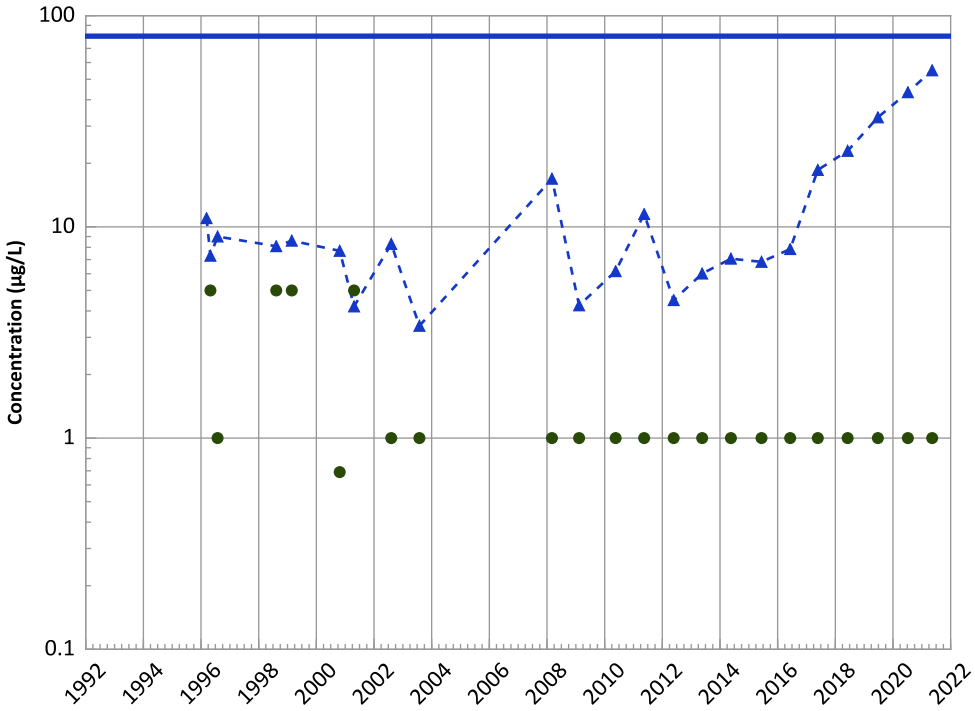
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

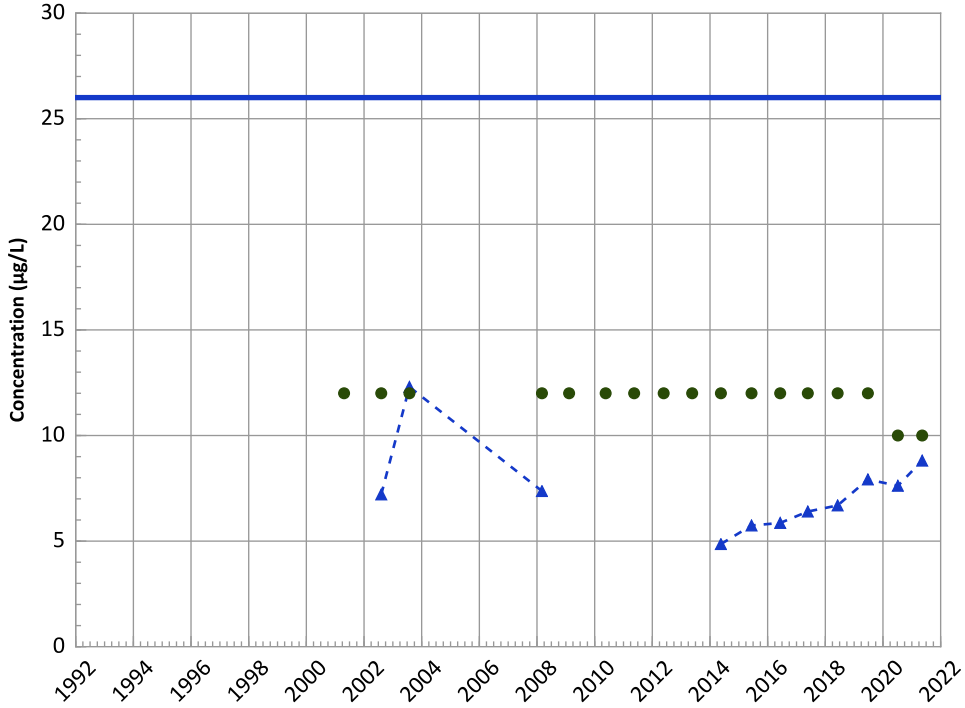


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

Perchlorate Trend



Concentration Trend

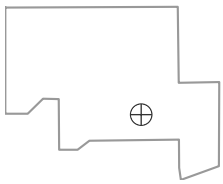
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

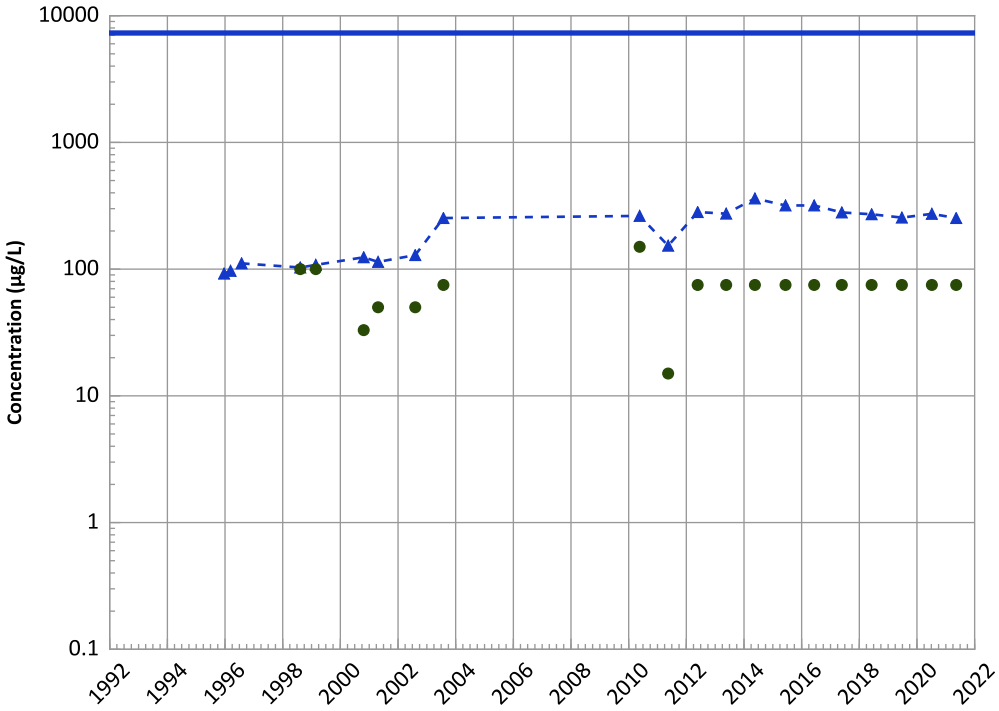
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

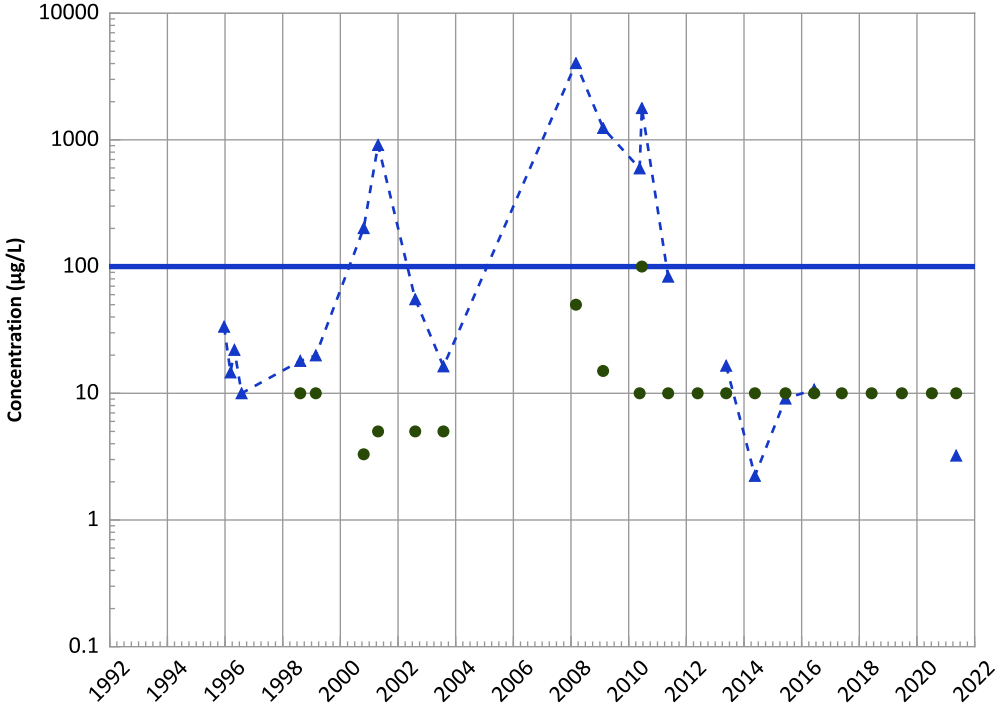


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

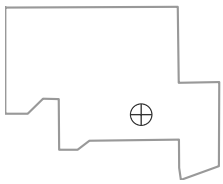
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

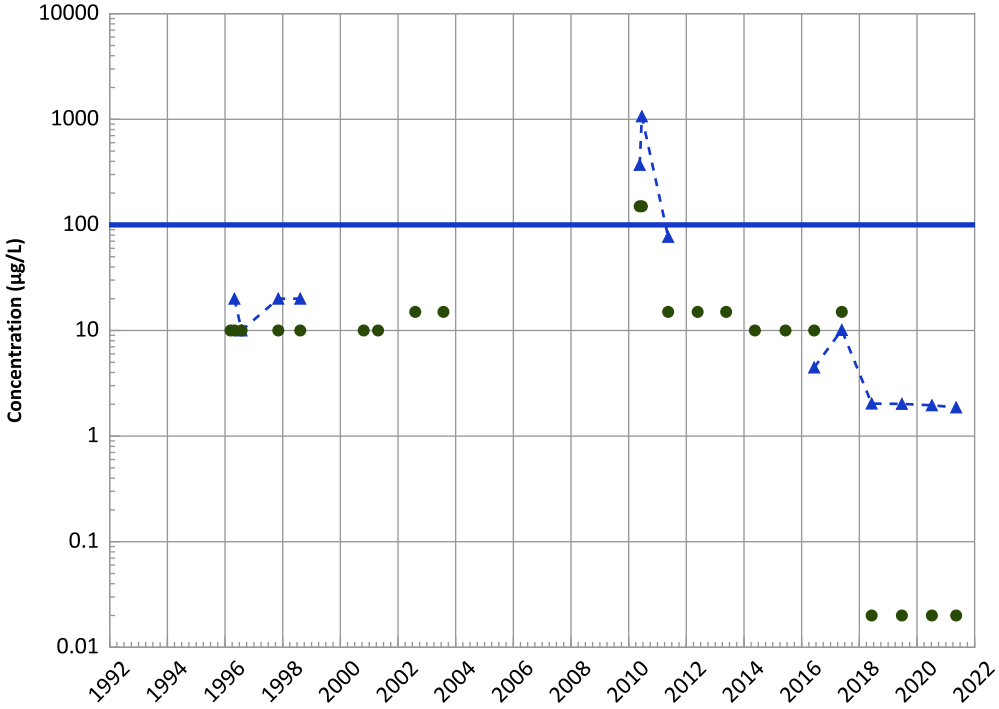
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

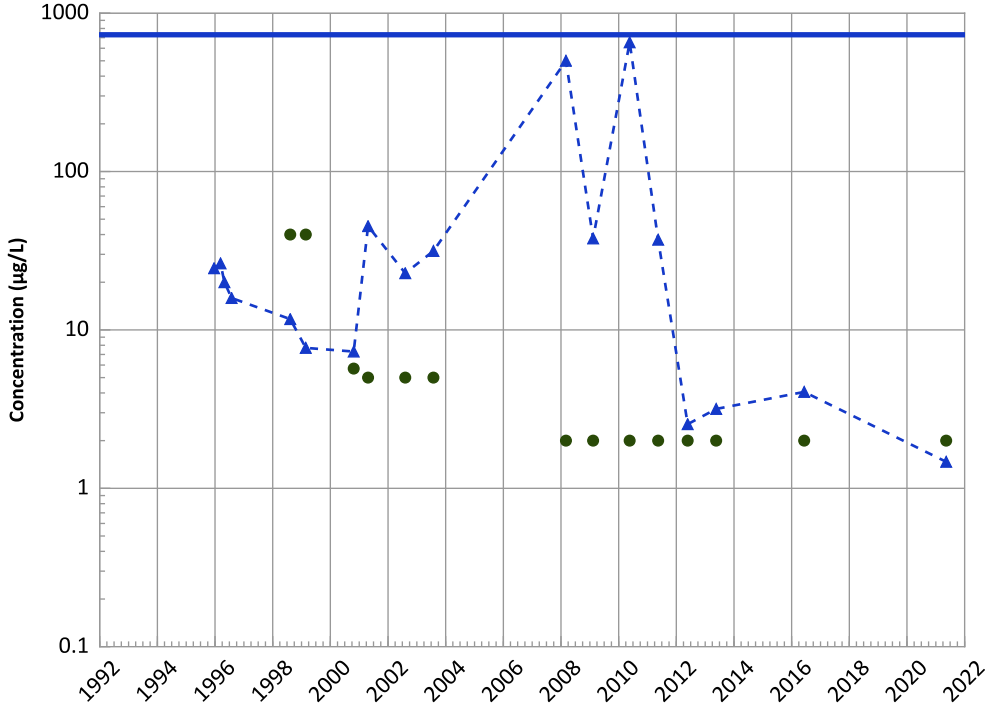


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

Nickel Trend



Concentration Trend

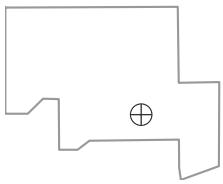
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

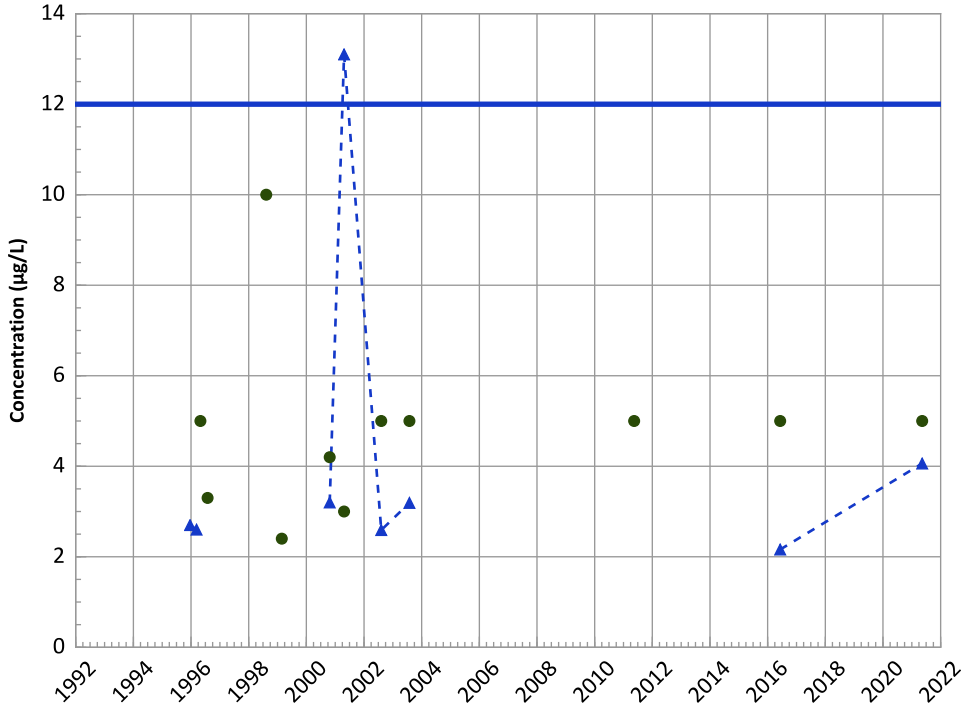
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

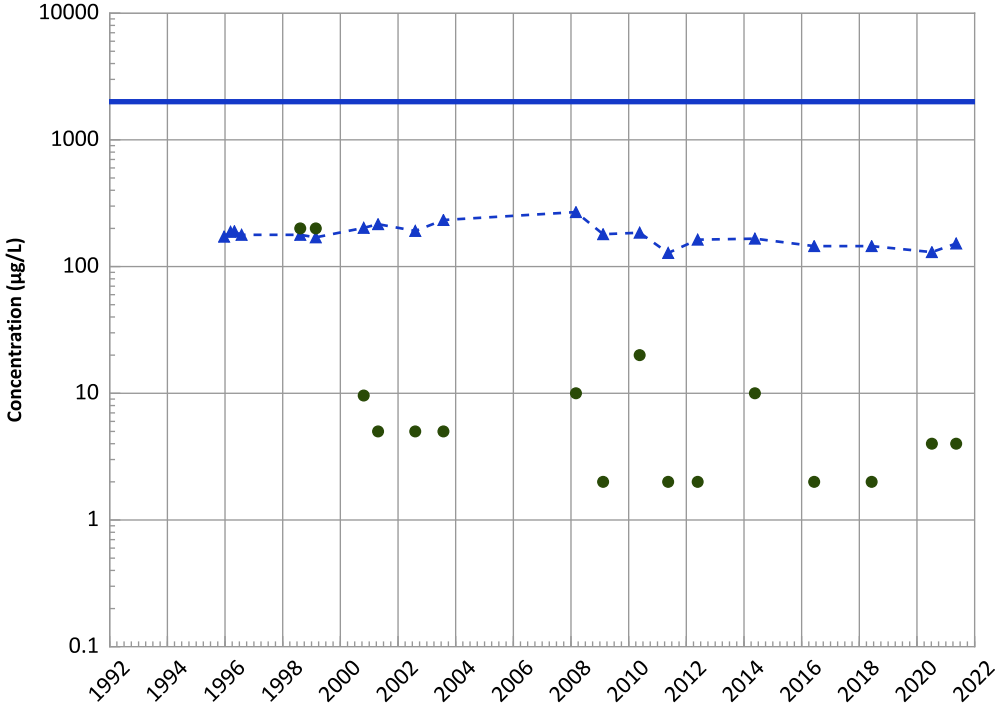


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Barium Trend



Concentration Trend

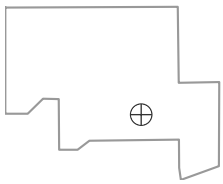
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

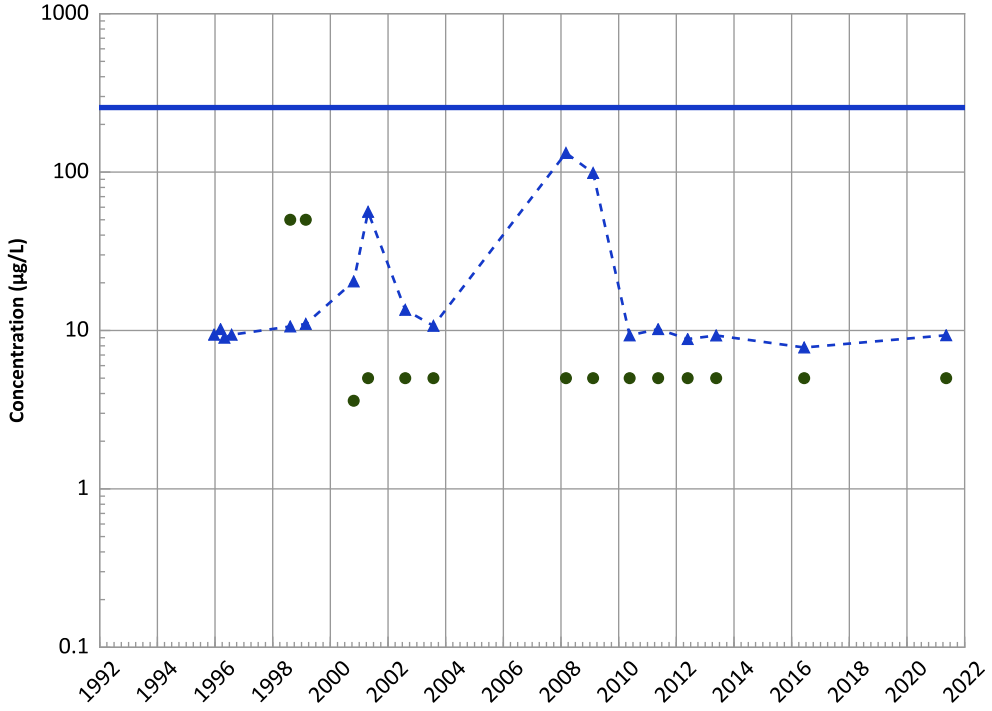
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1007 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

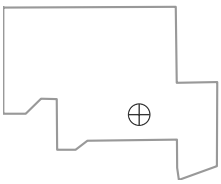
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

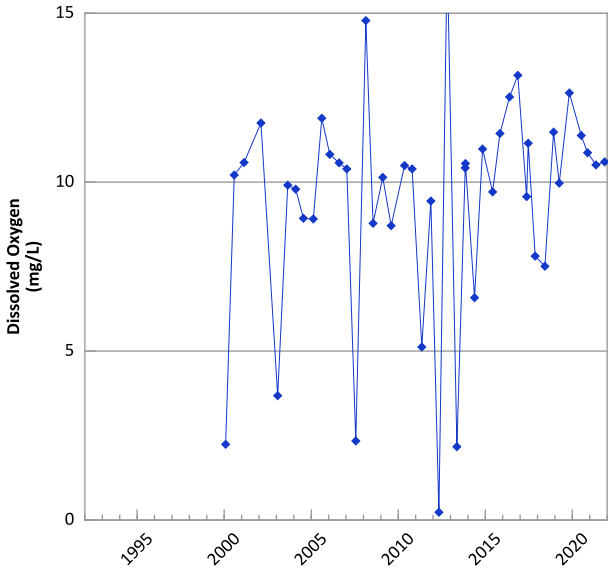
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 12/20/1995 to 05/12/2021
Analysis Date: 04/05/2022

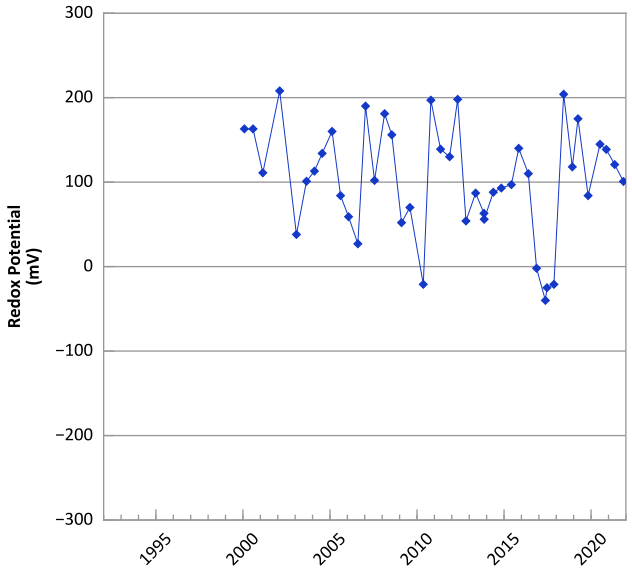
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

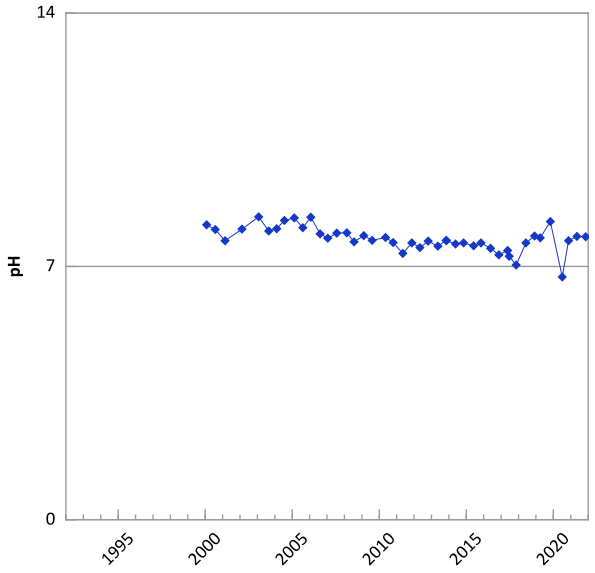
Well Location

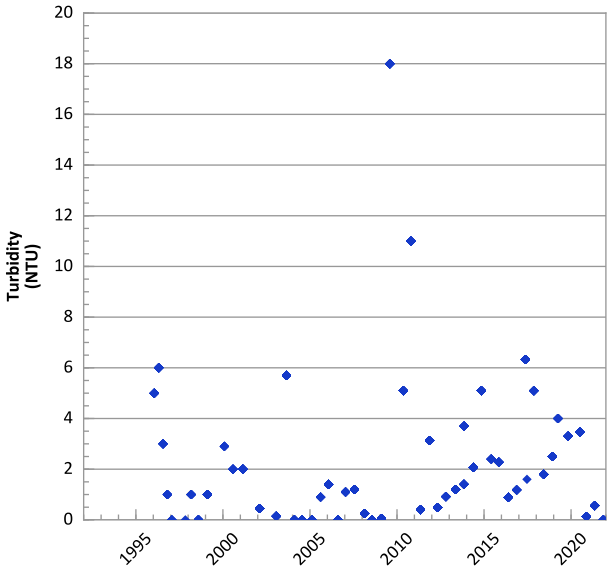


PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



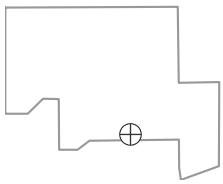






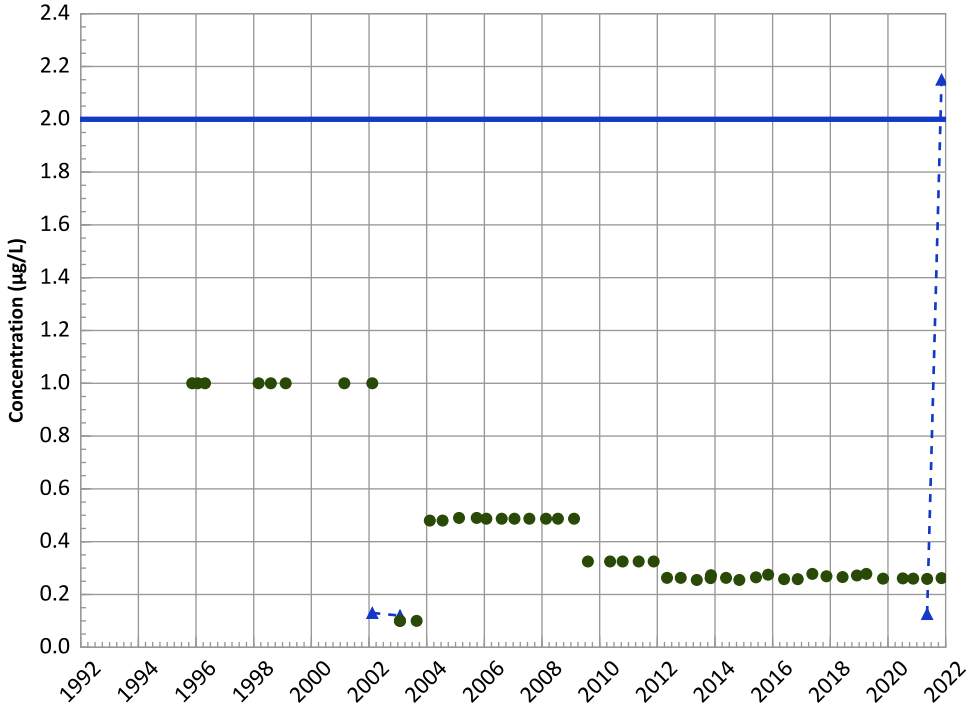
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

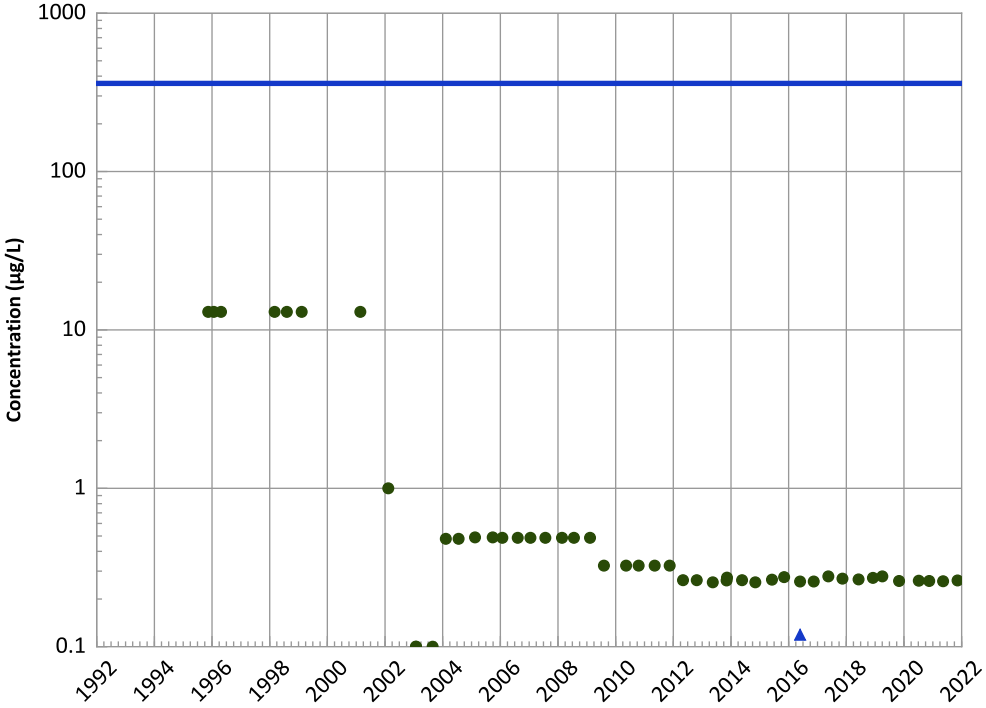


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

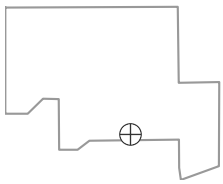
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

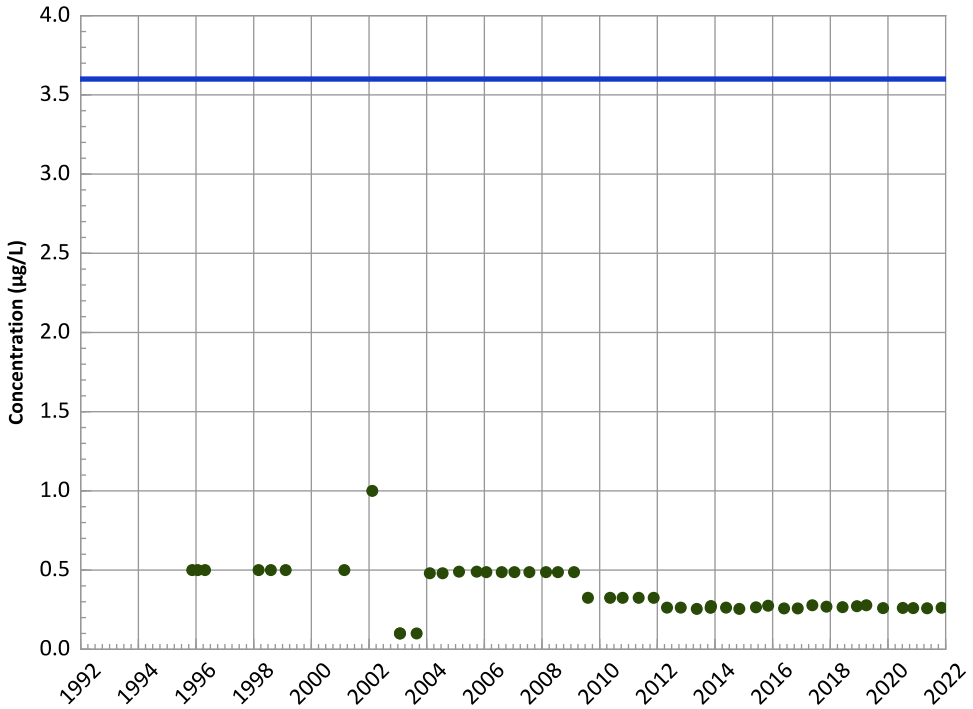
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

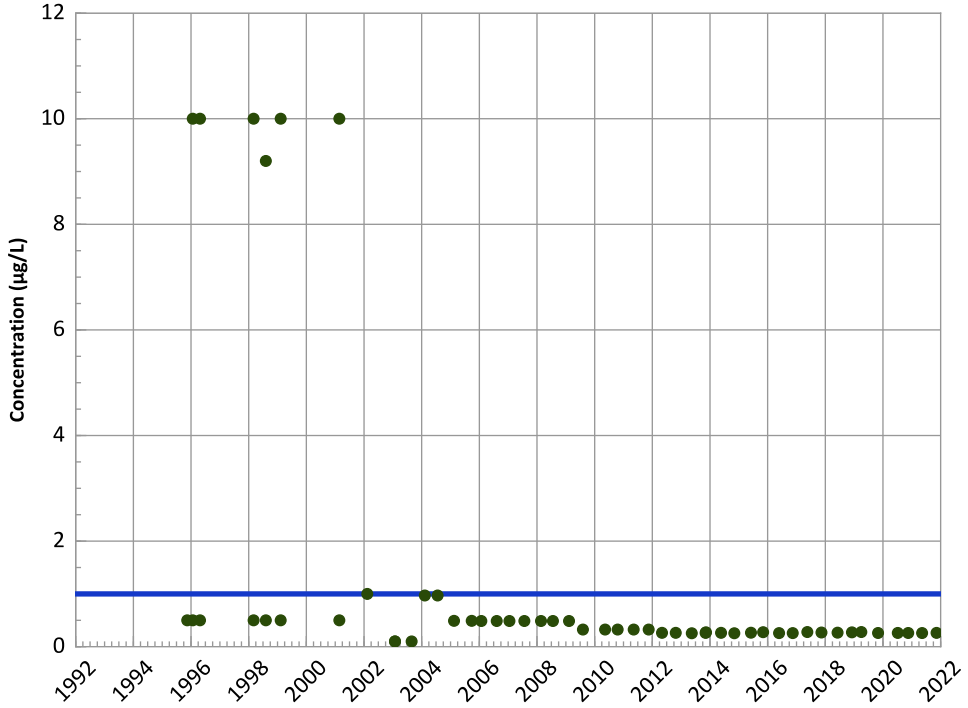


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

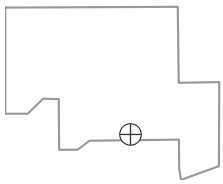
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

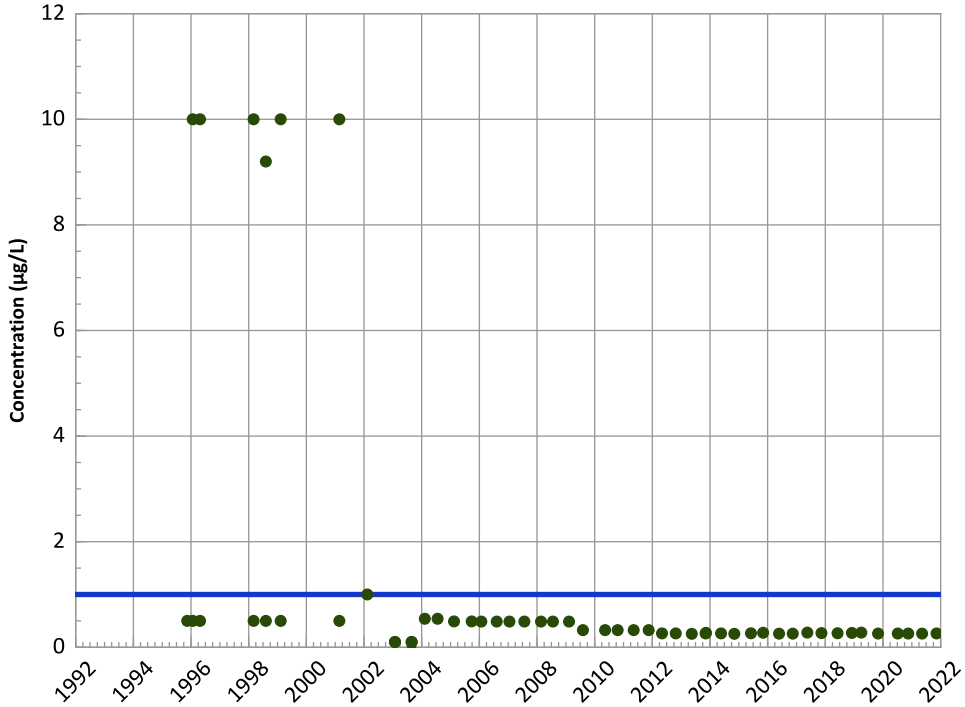
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

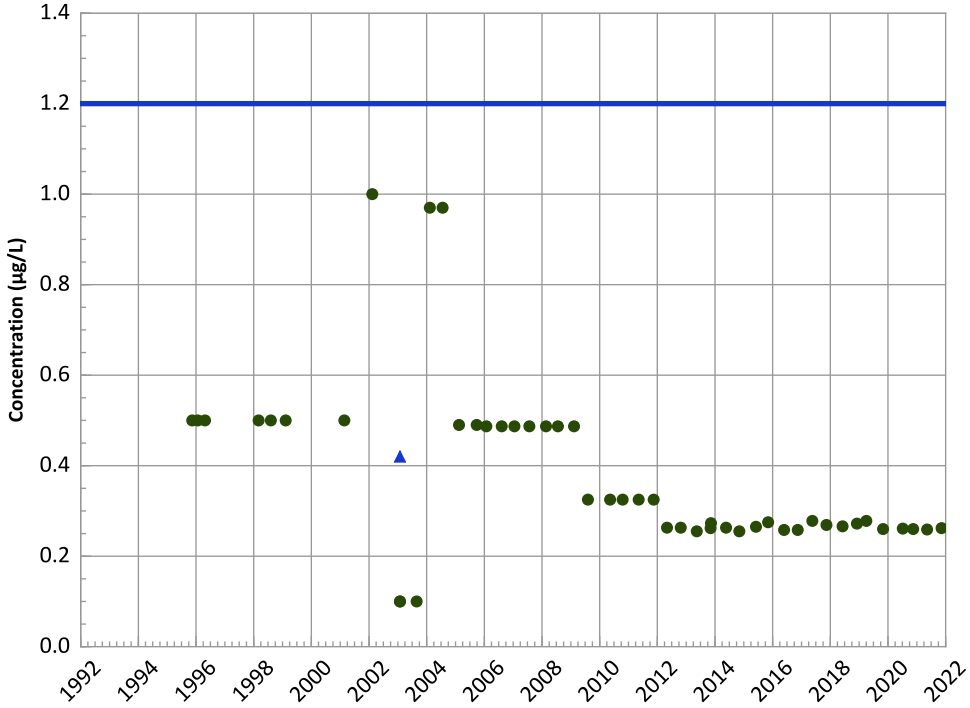


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

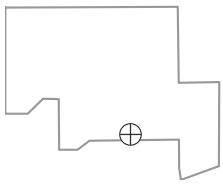
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

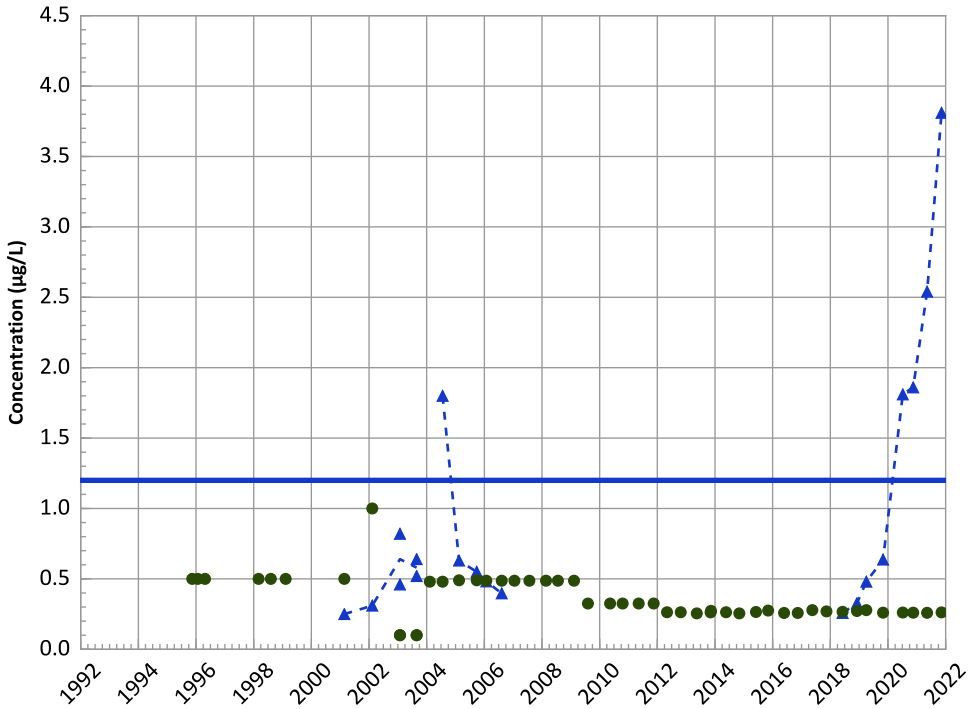
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

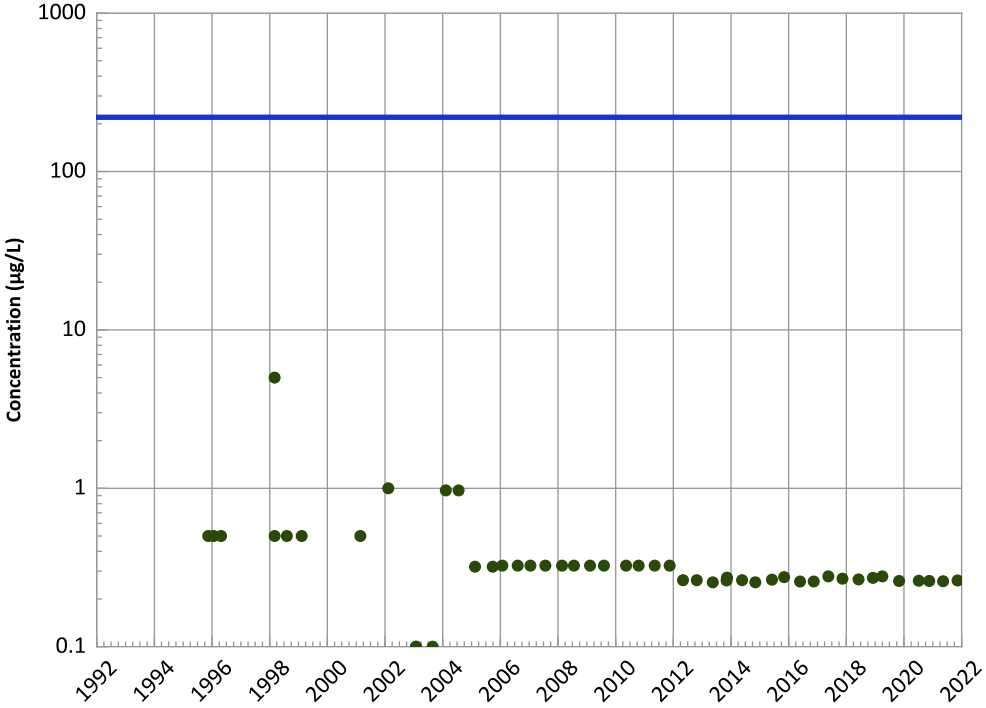


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

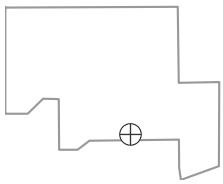
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

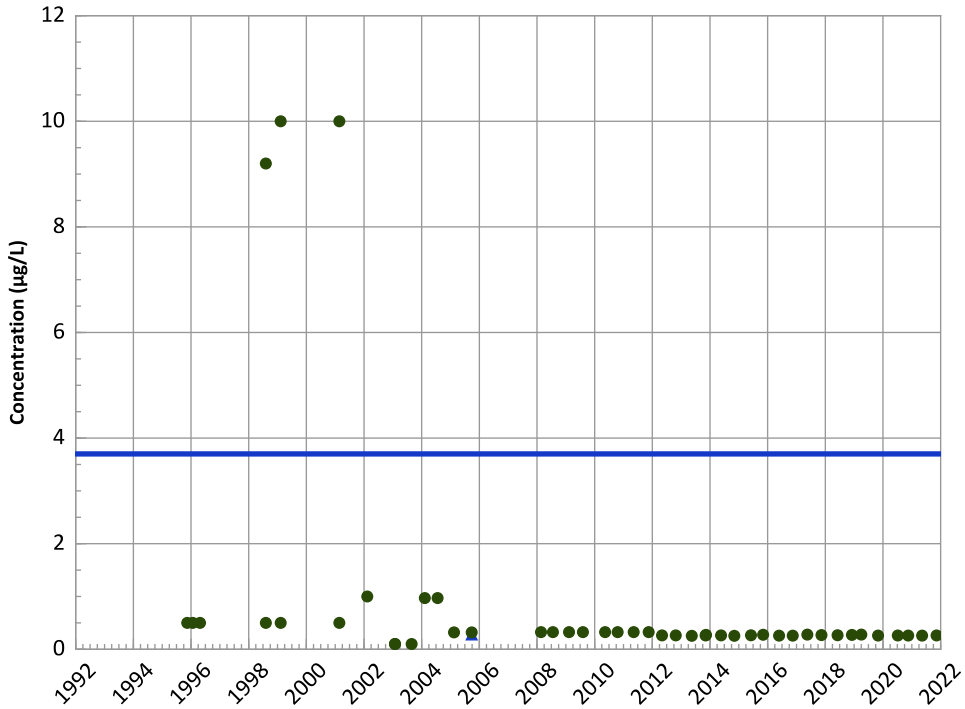
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

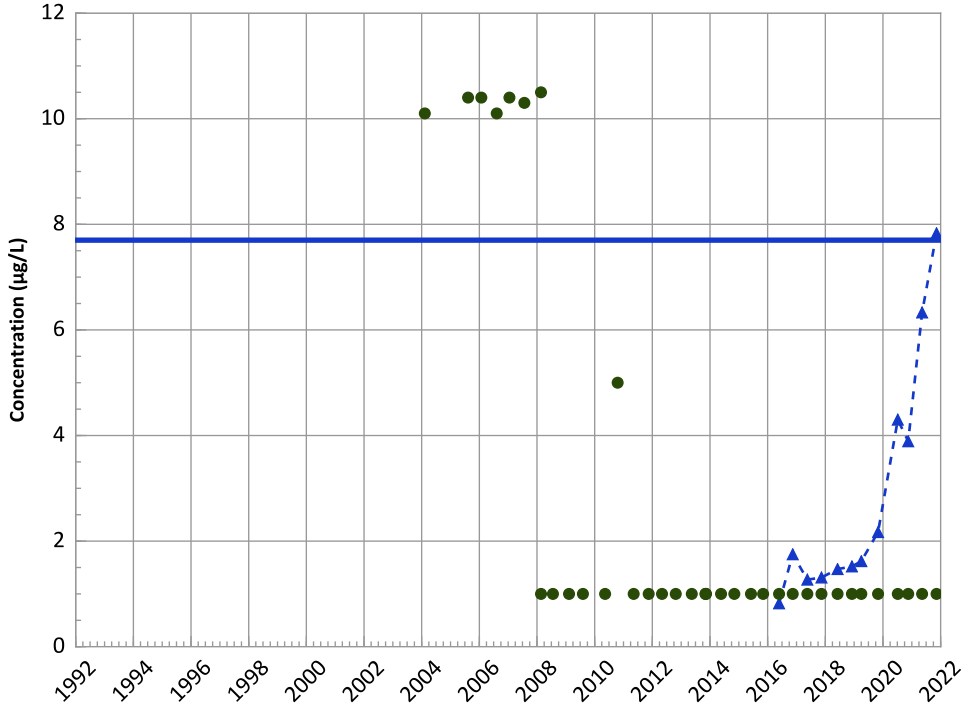


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

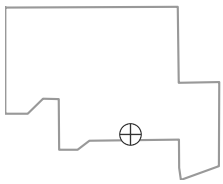
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

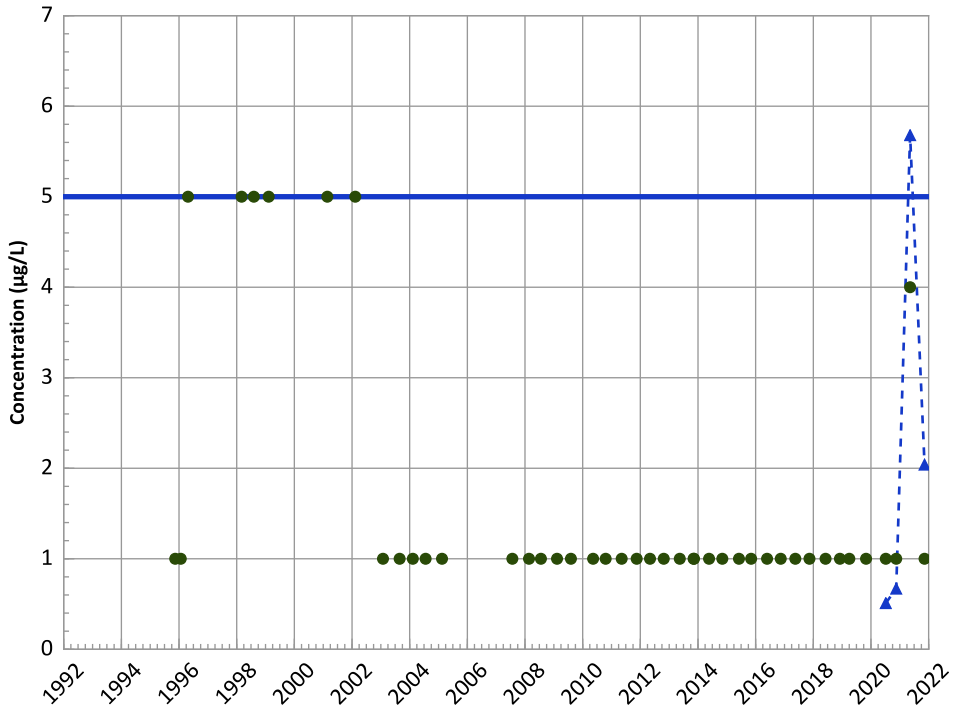
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

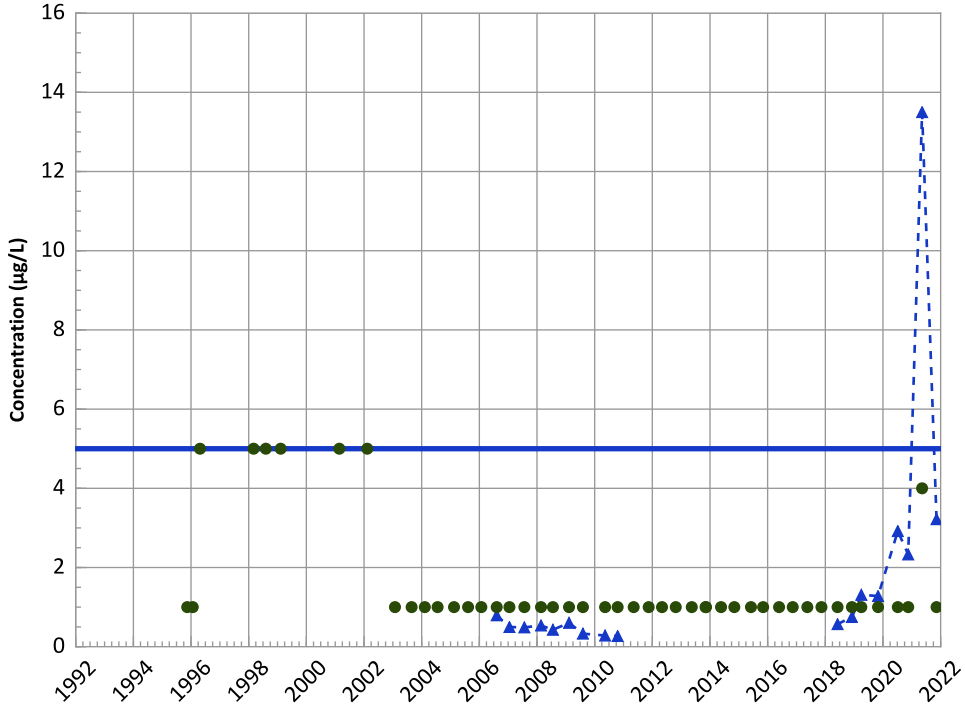


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Trichloroethene Trend



Concentration Trend

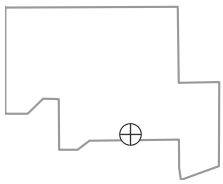
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

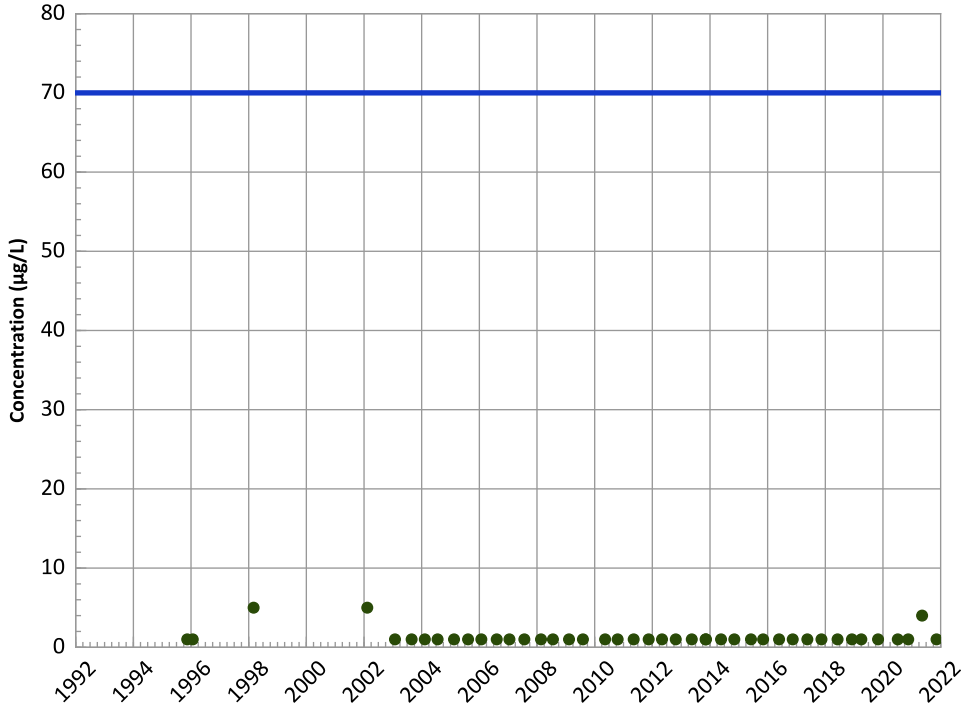
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

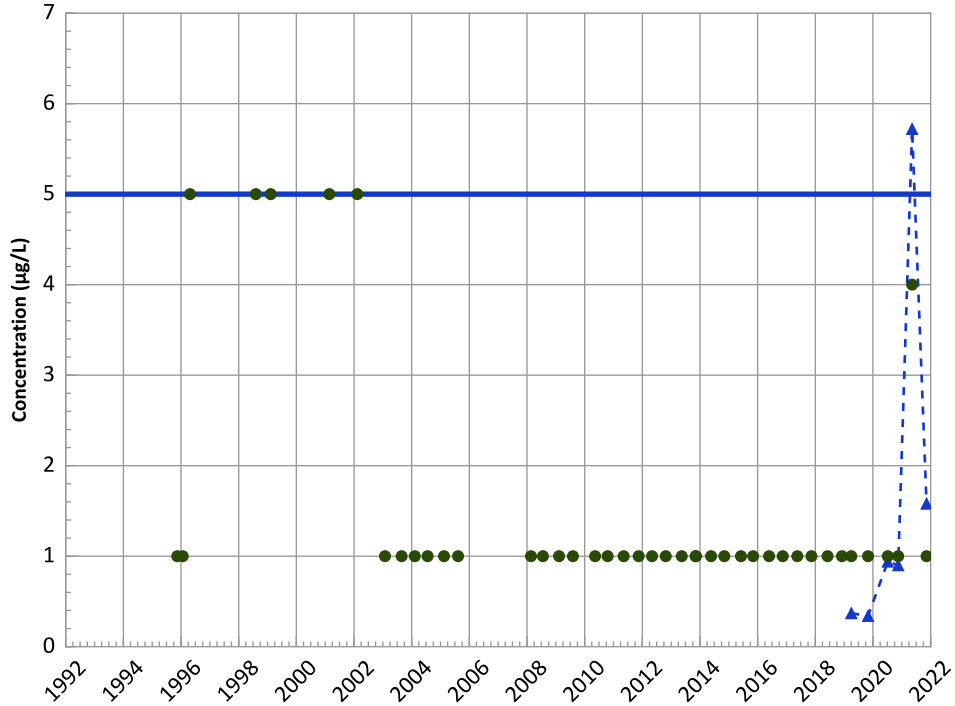


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

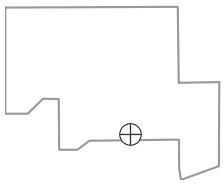
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

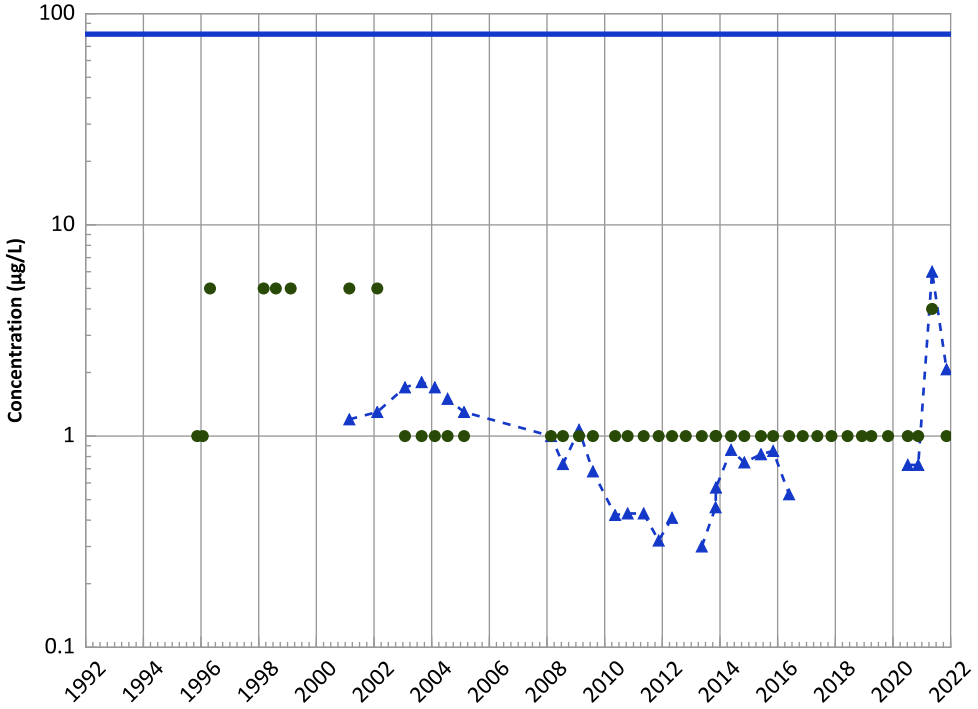
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

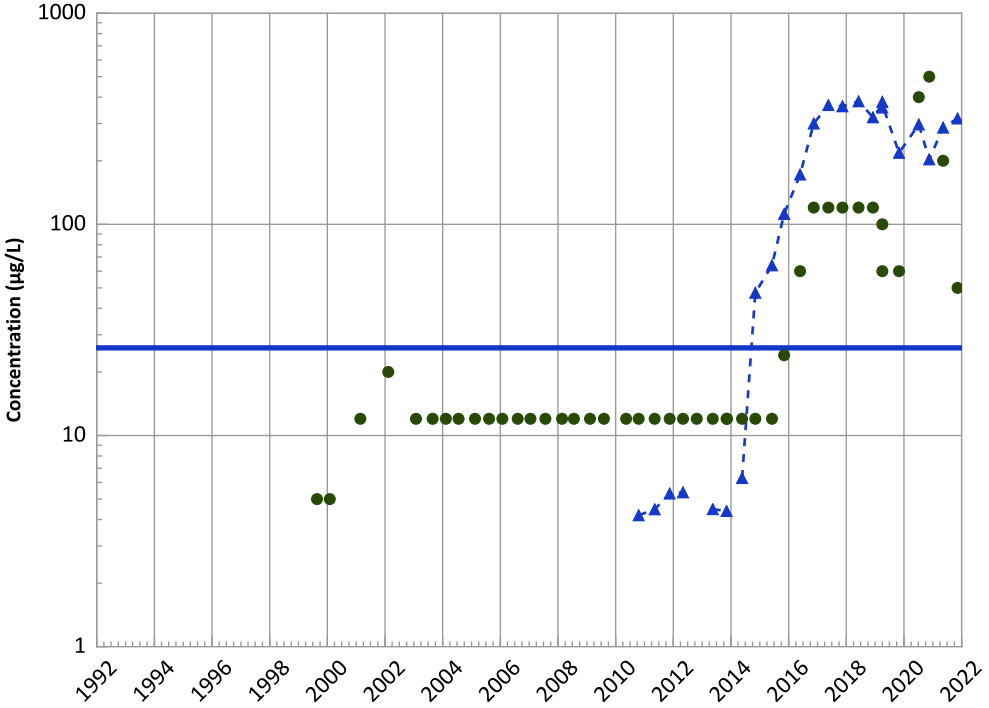


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Perchlorate Trend



Concentration Trend

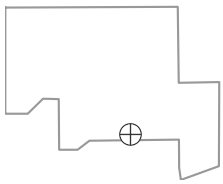
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

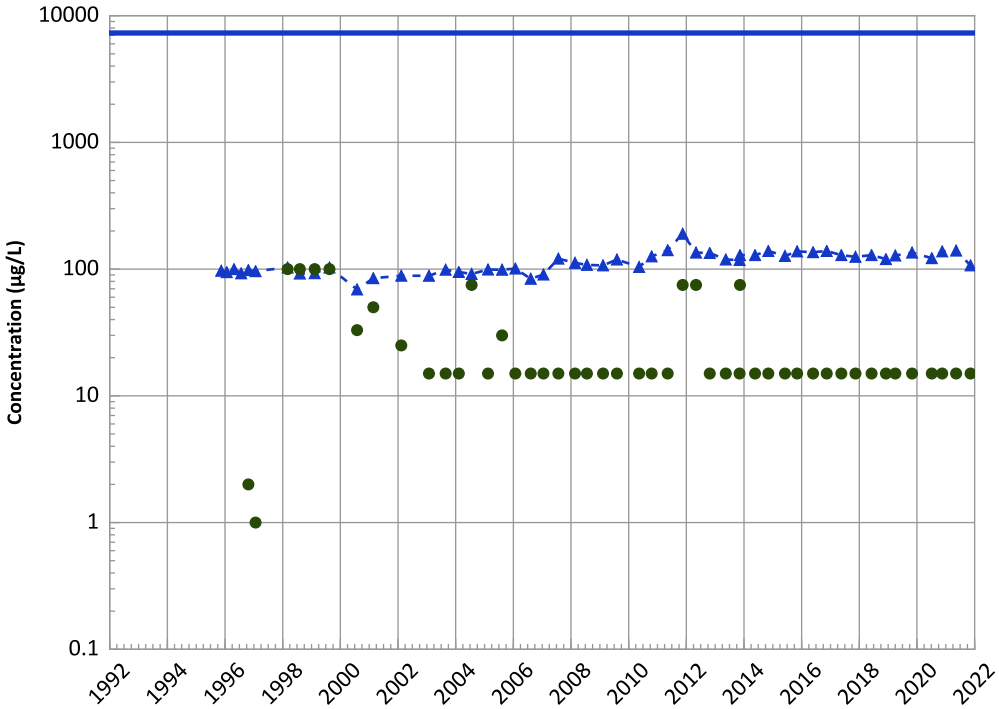
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

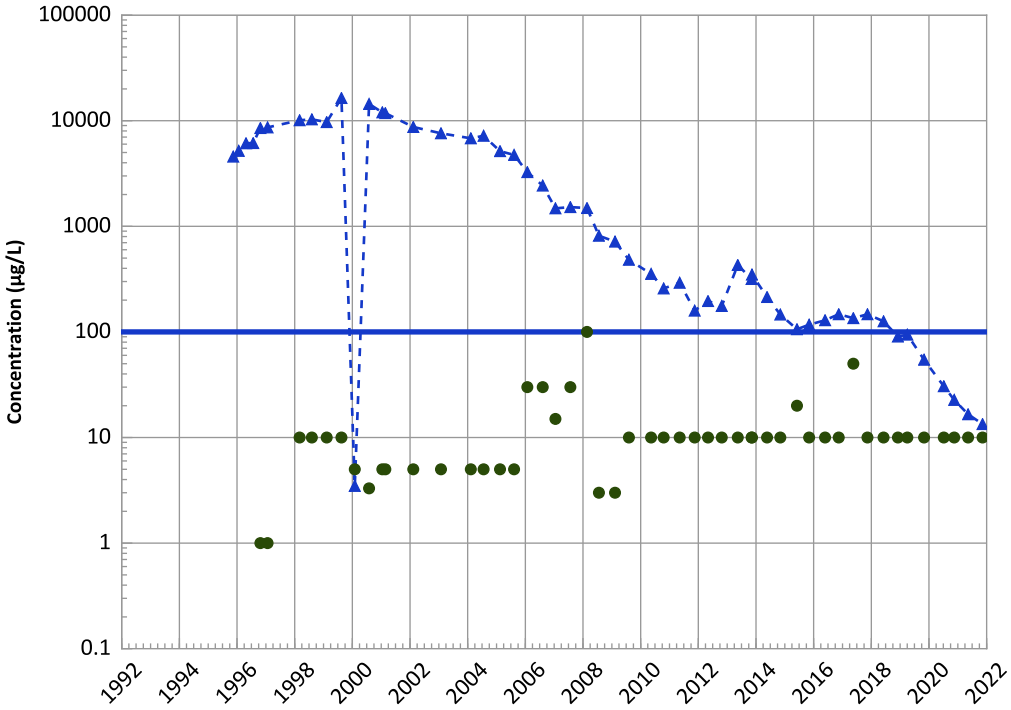


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

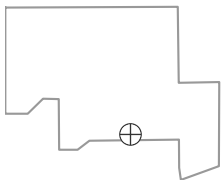
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

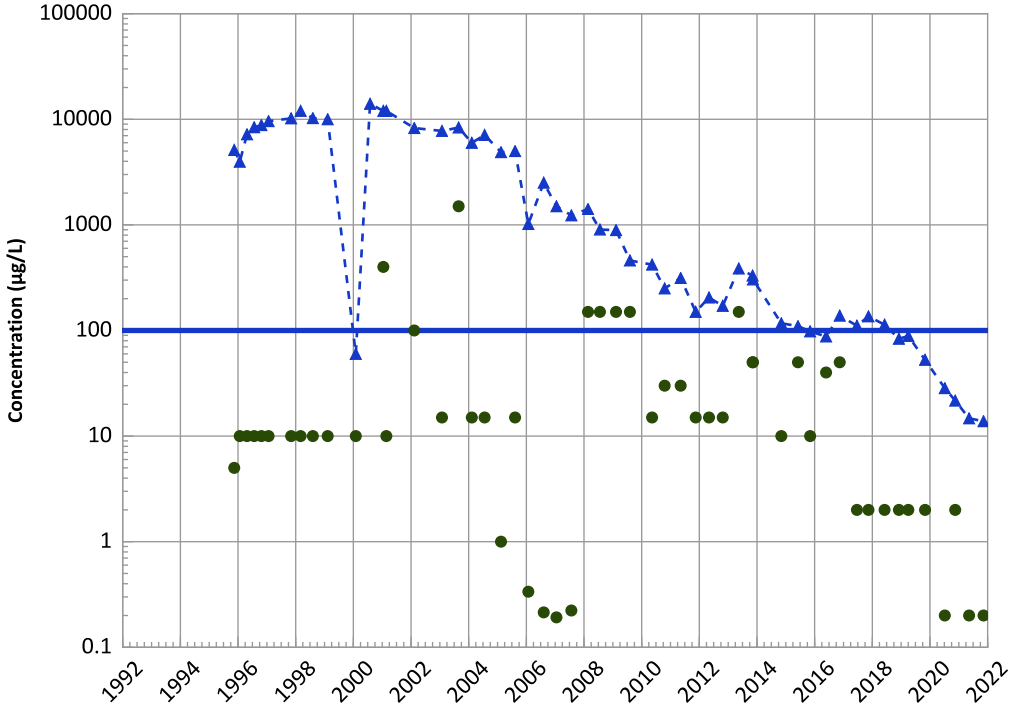
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

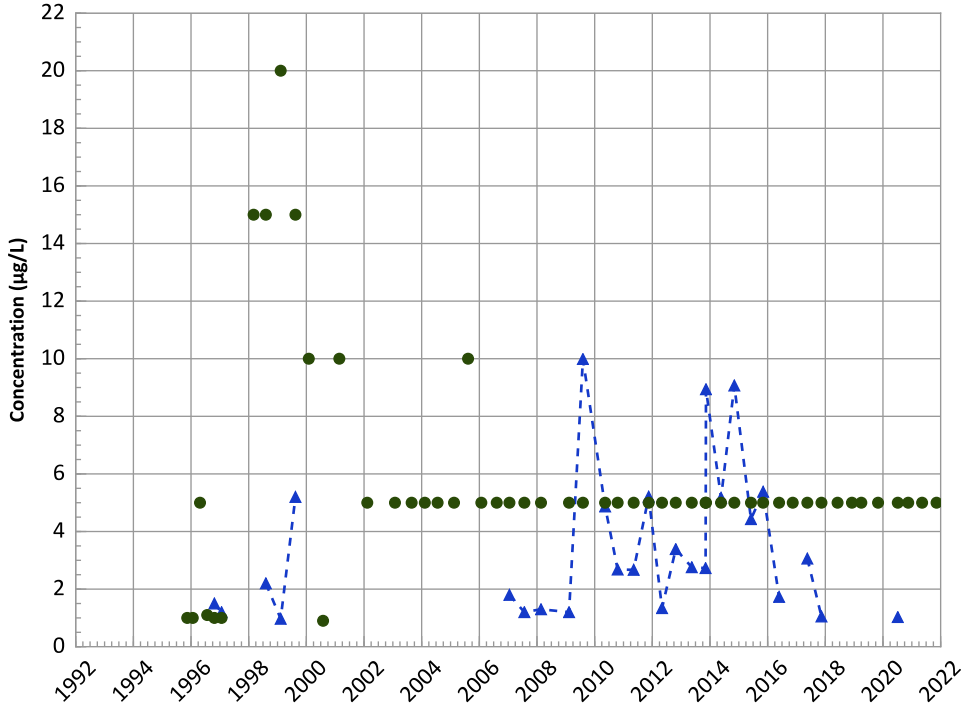


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

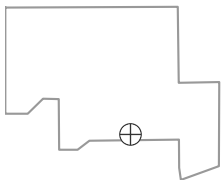
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

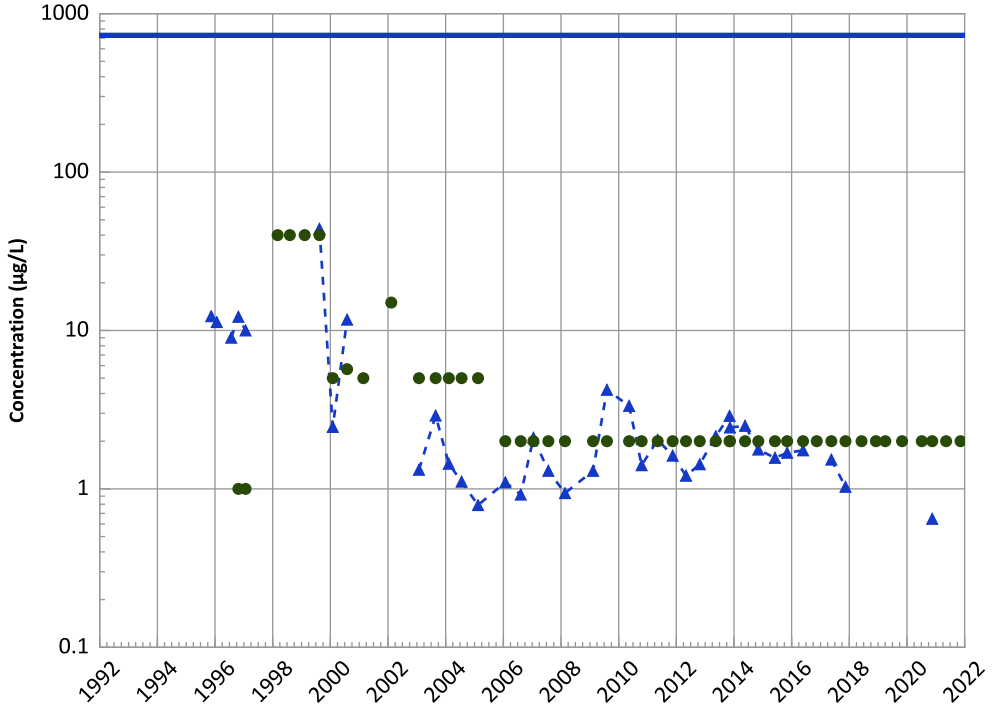
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

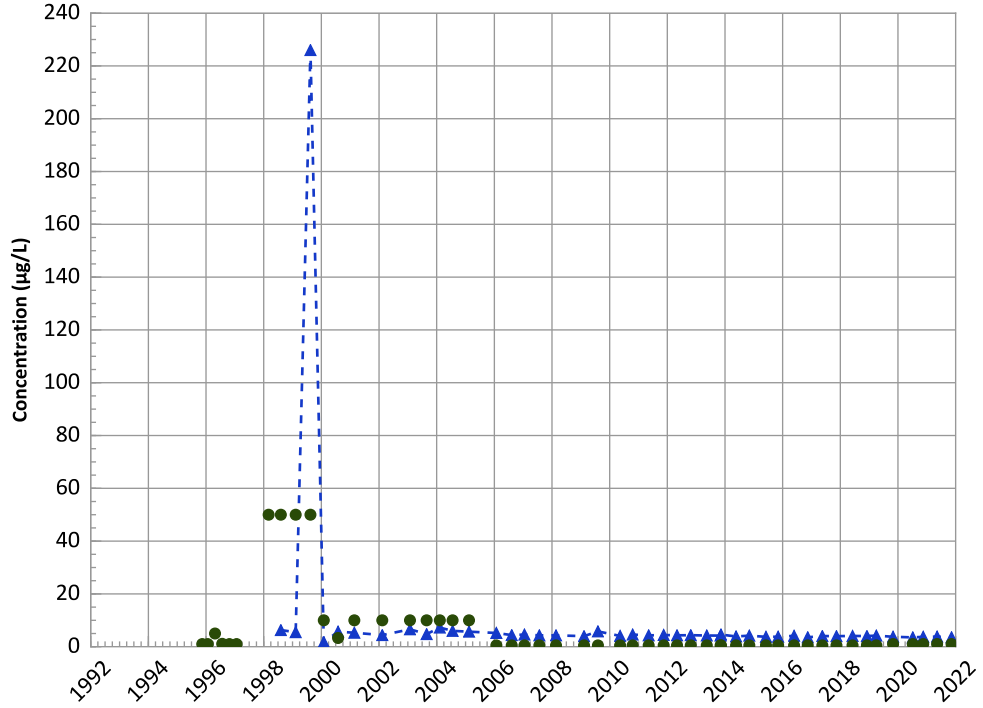


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

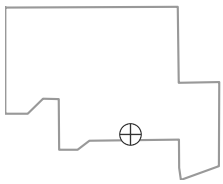
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

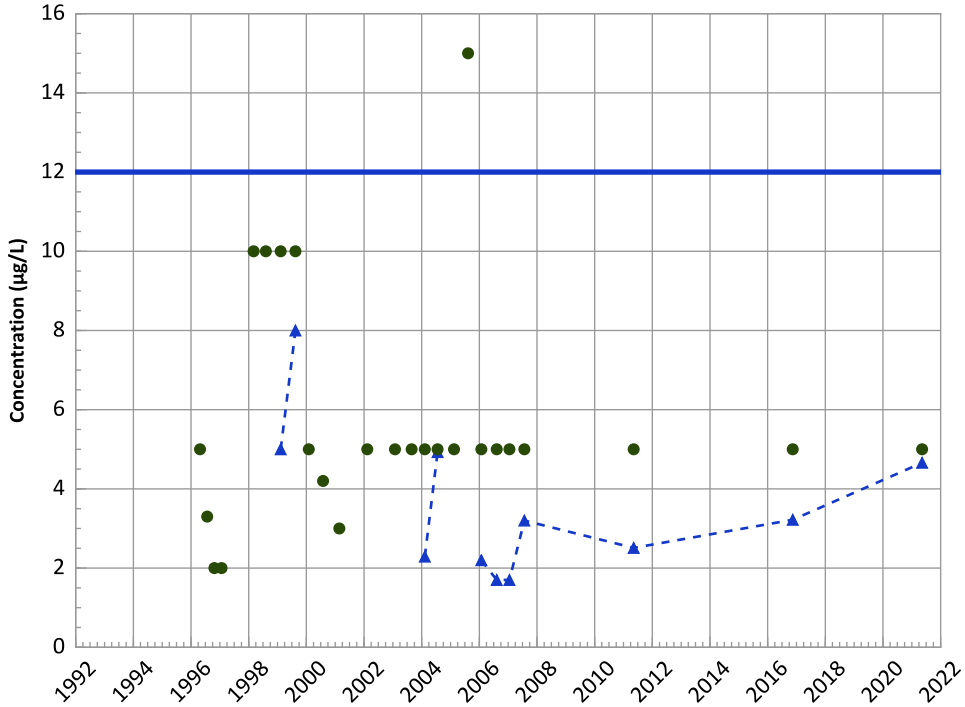
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

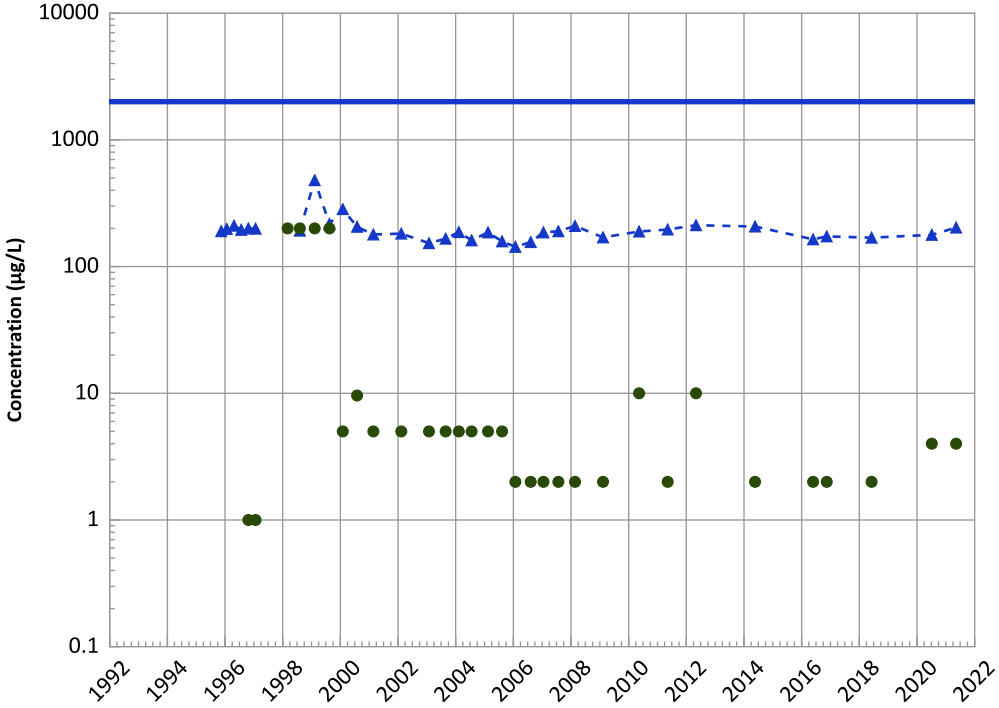


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Barium Trend



Concentration Trend

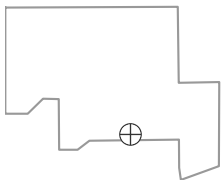
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

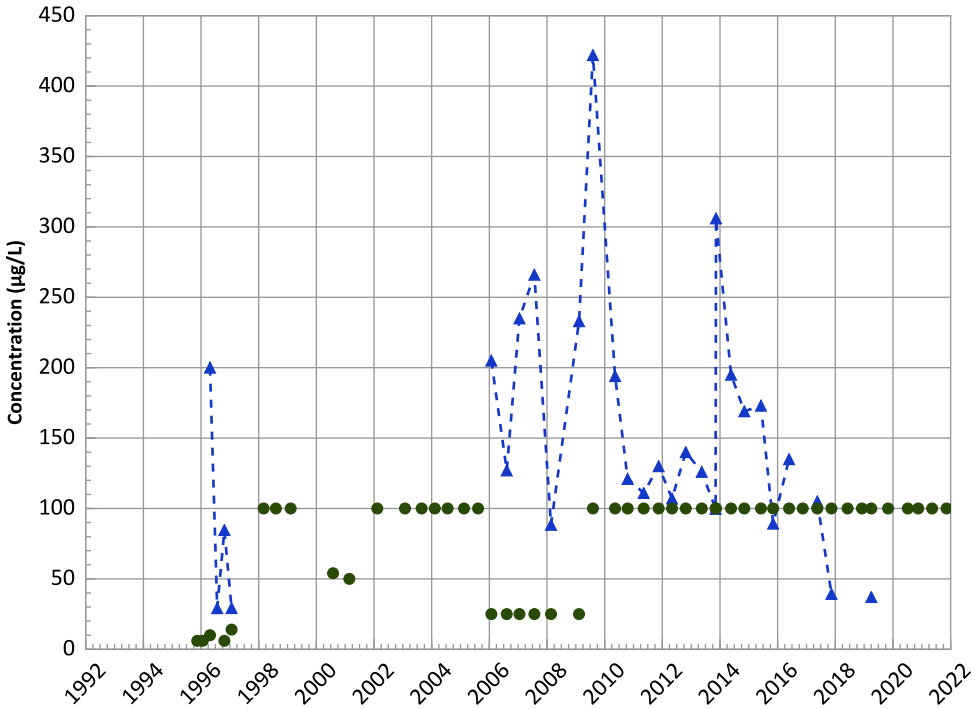
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1008 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

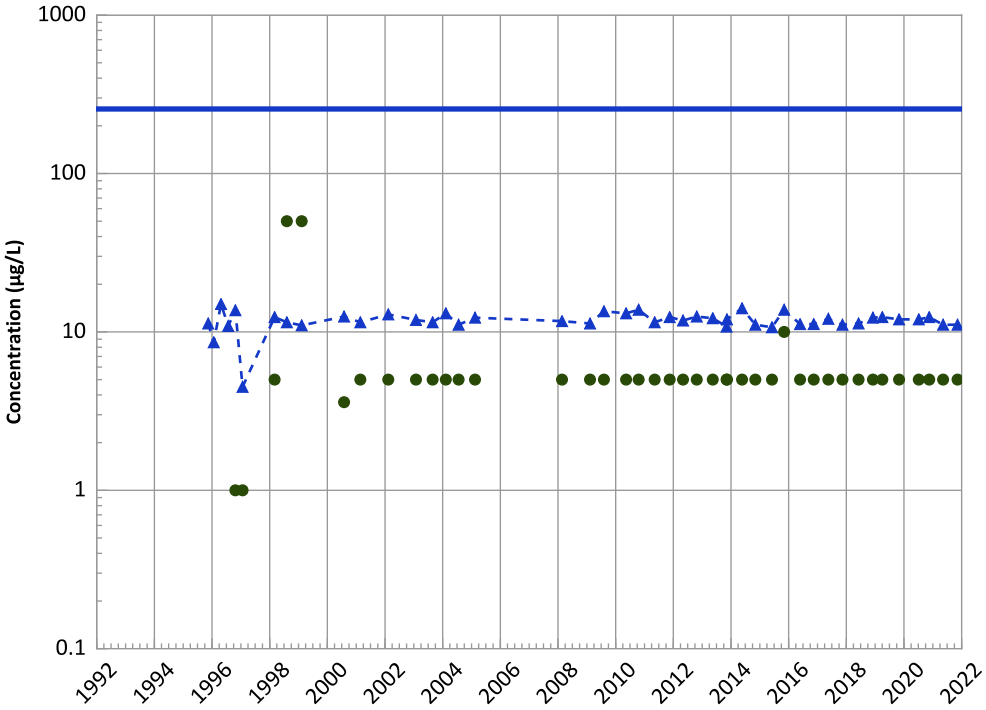


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Vanadium Trend



Concentration Trend

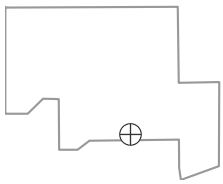
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

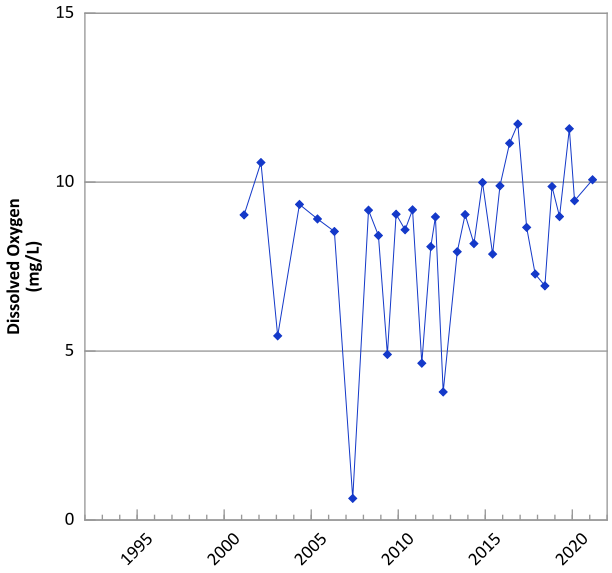
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 04/05/2022

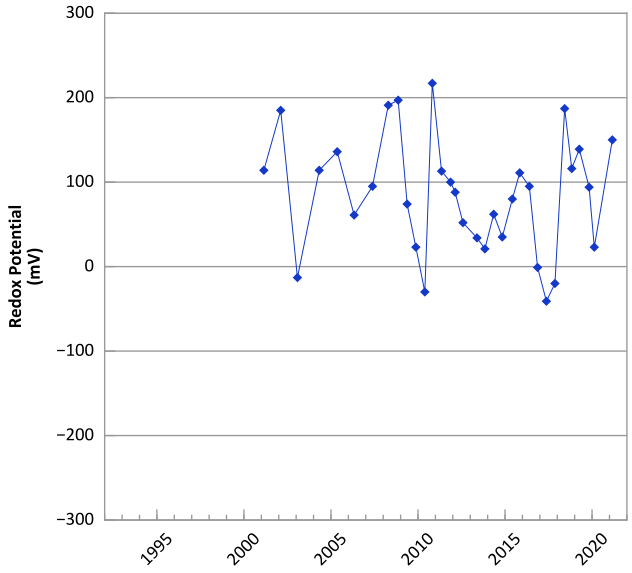
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

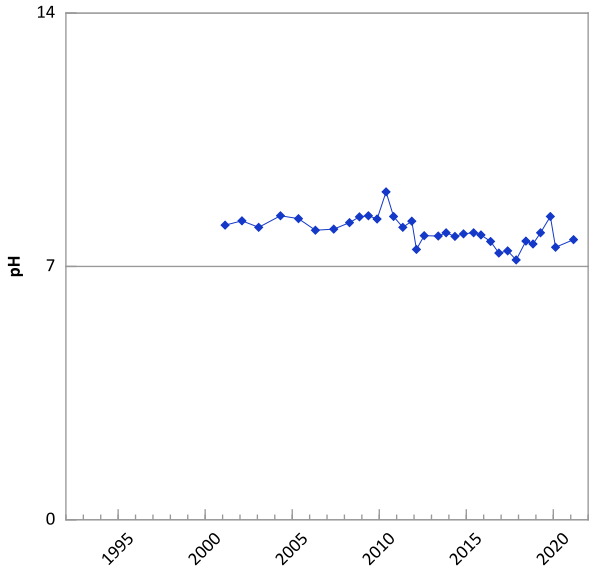
Well Location

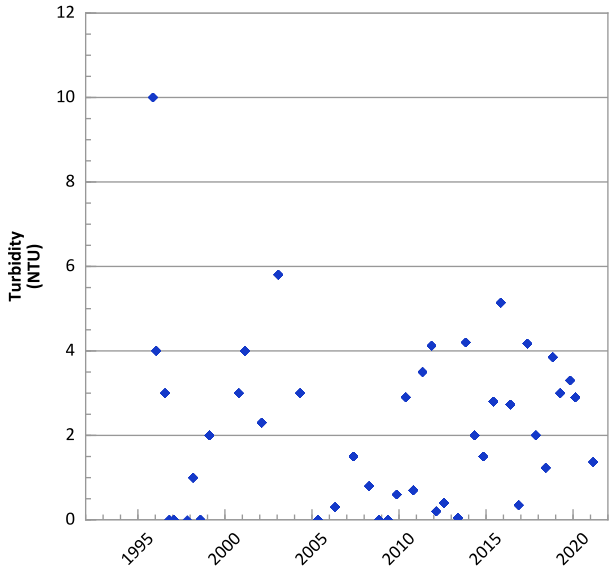


PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



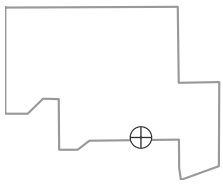






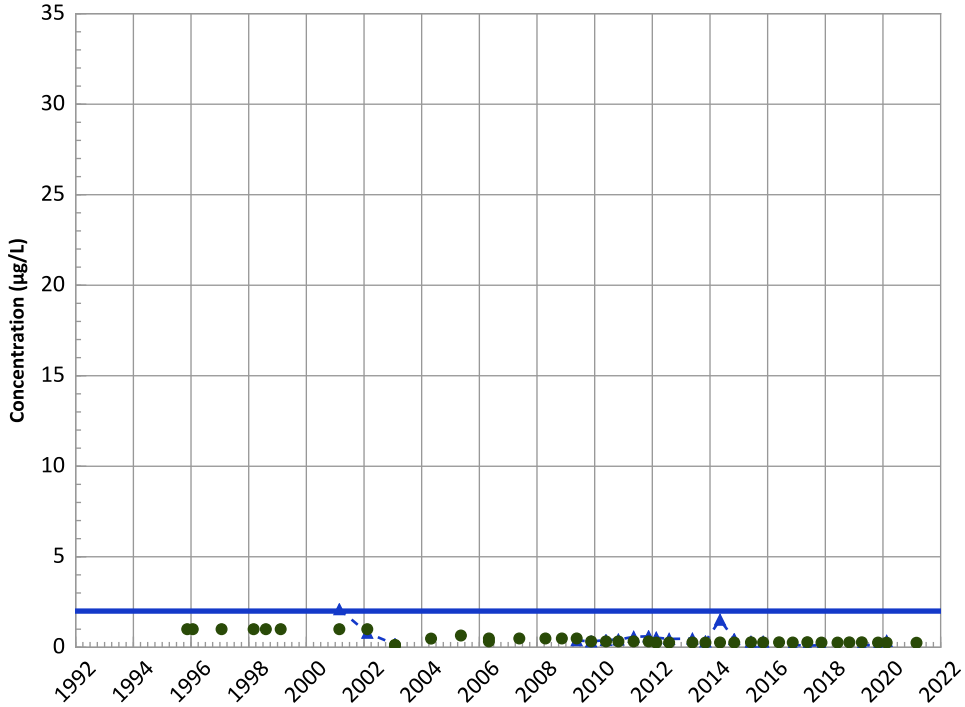
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

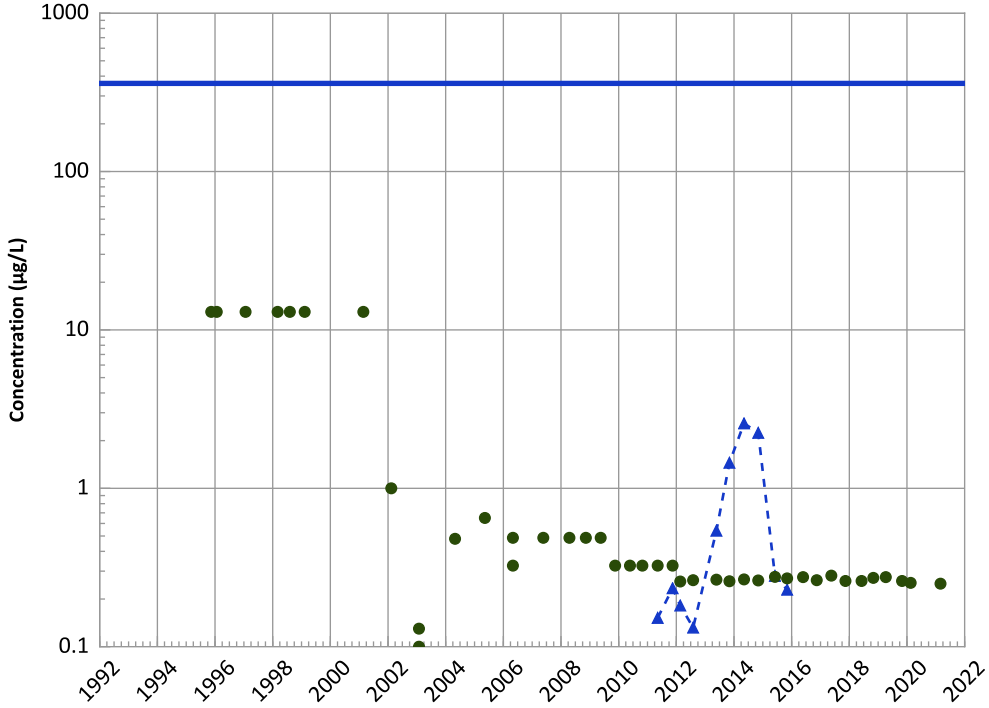


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

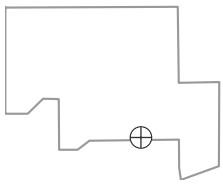
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

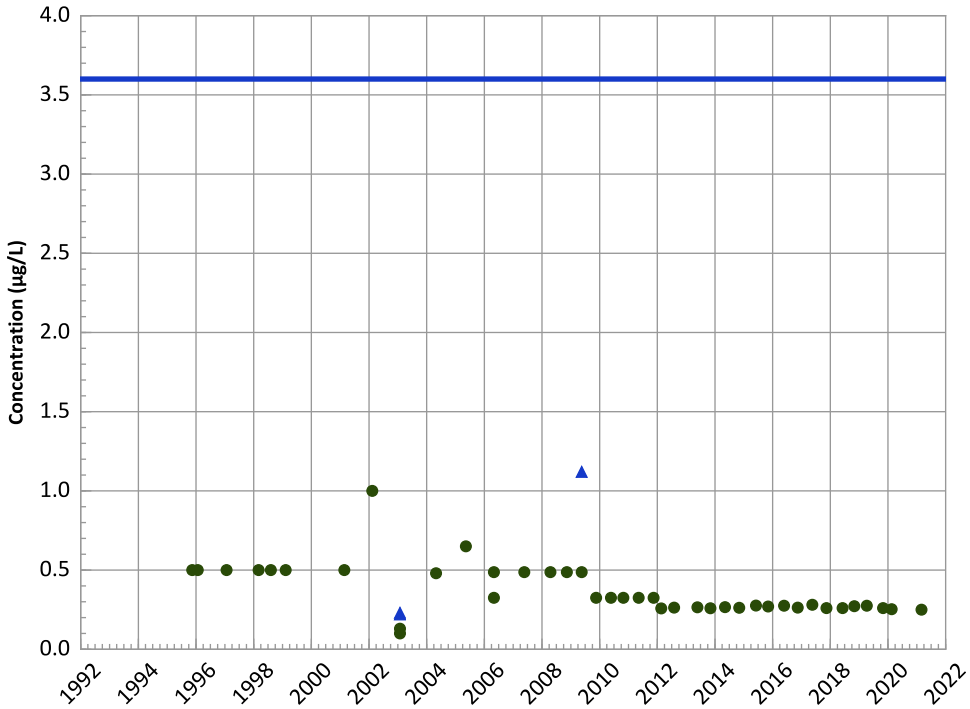
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

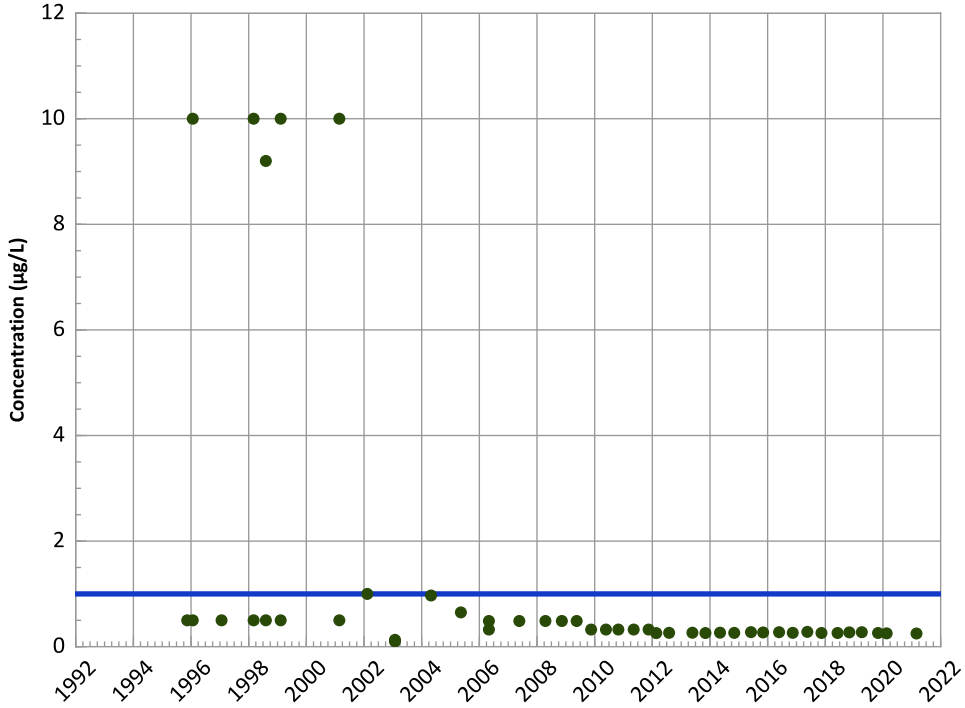


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

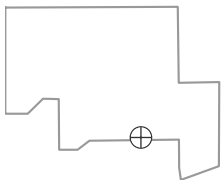
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

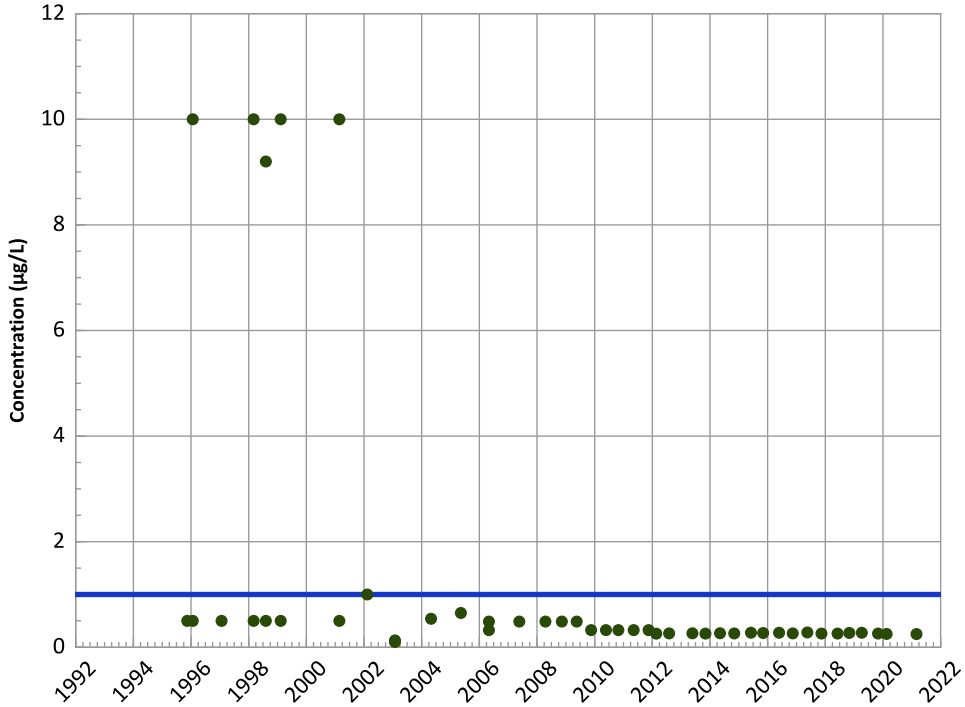
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

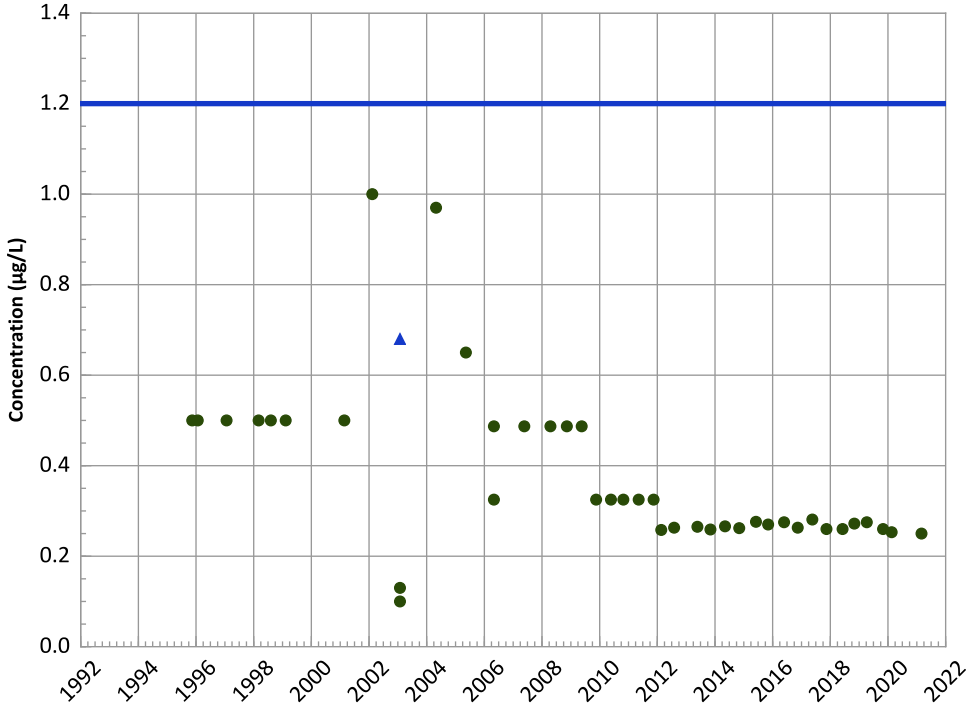


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

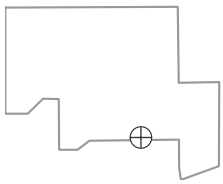
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

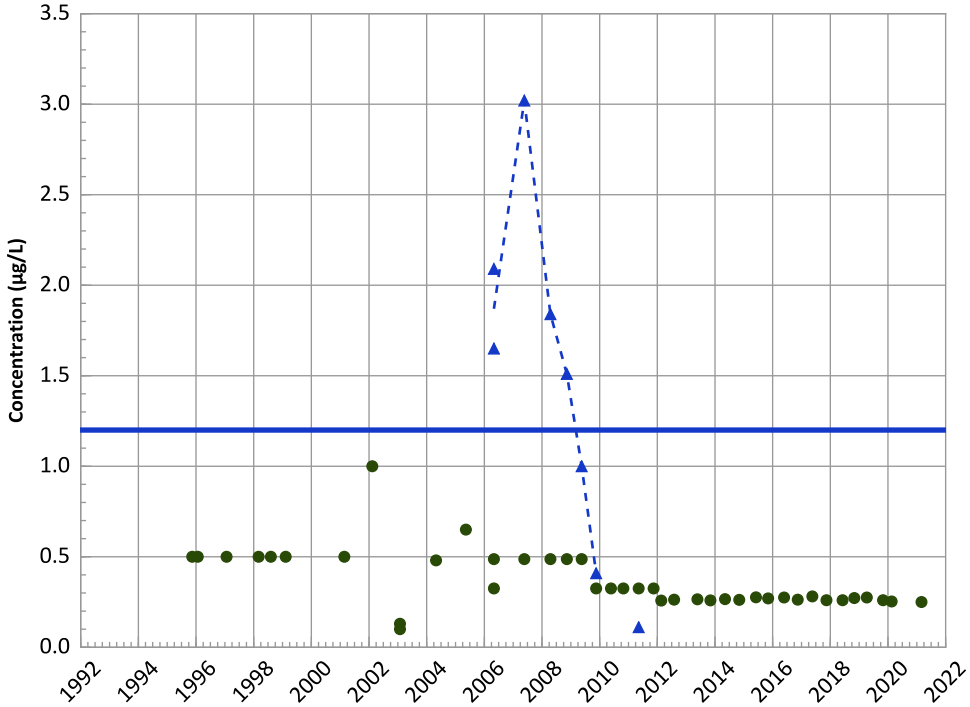
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

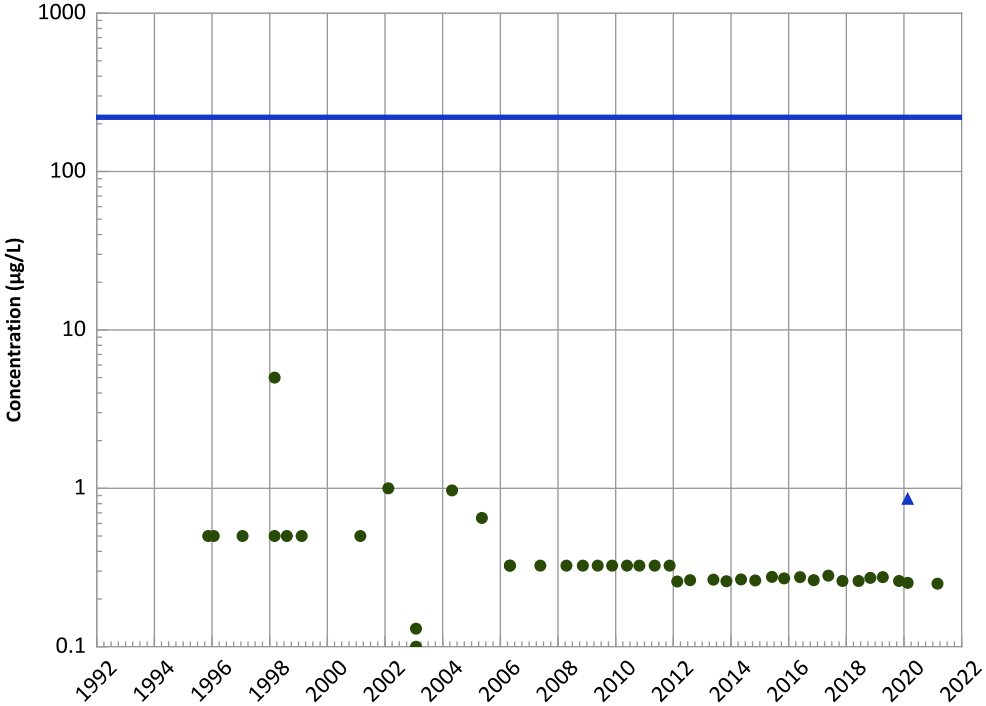


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

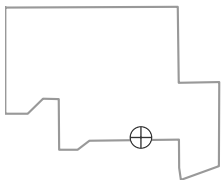
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

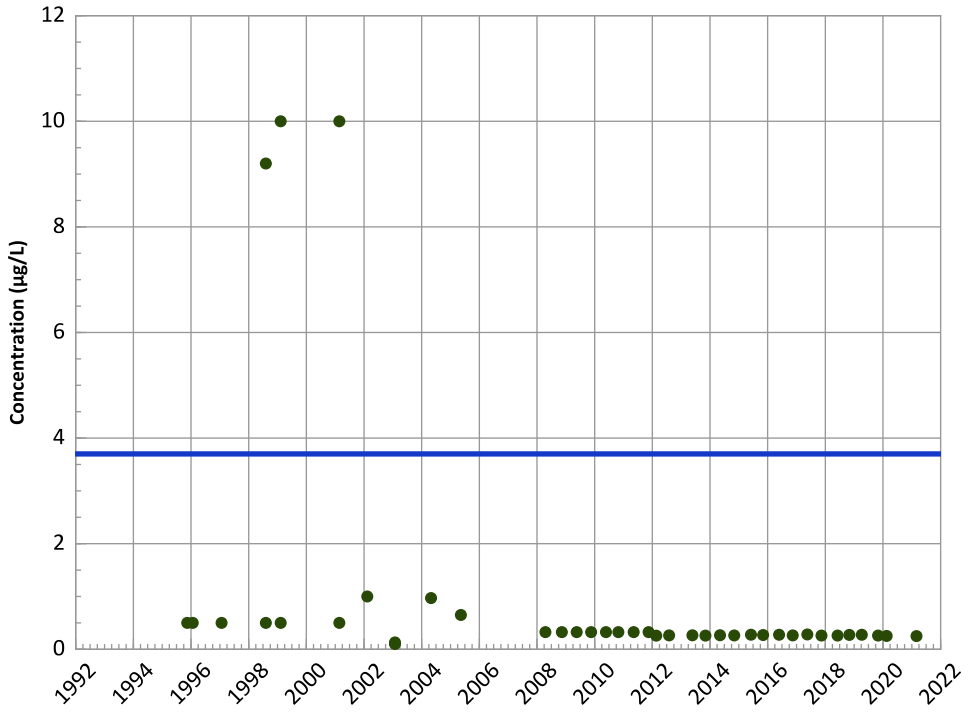
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

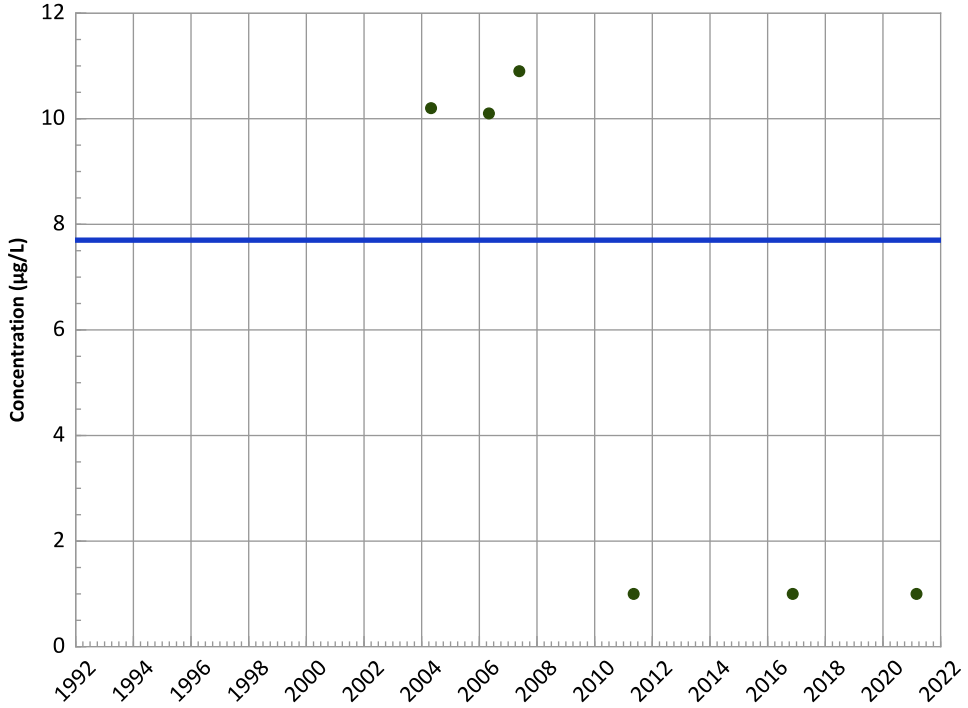


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

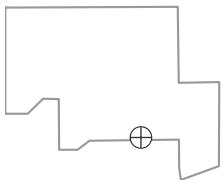
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

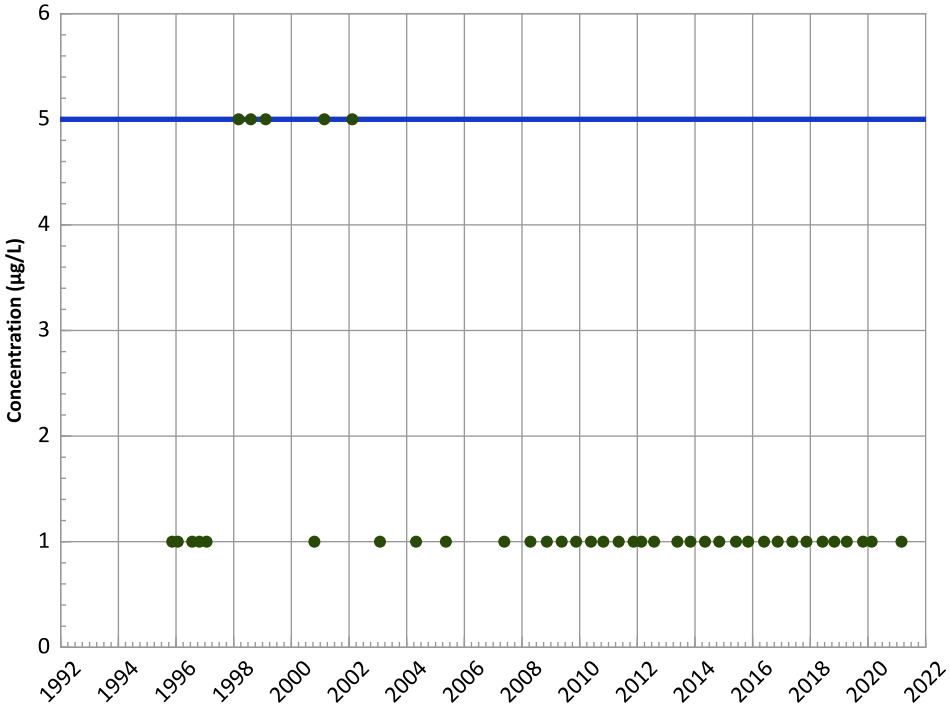
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

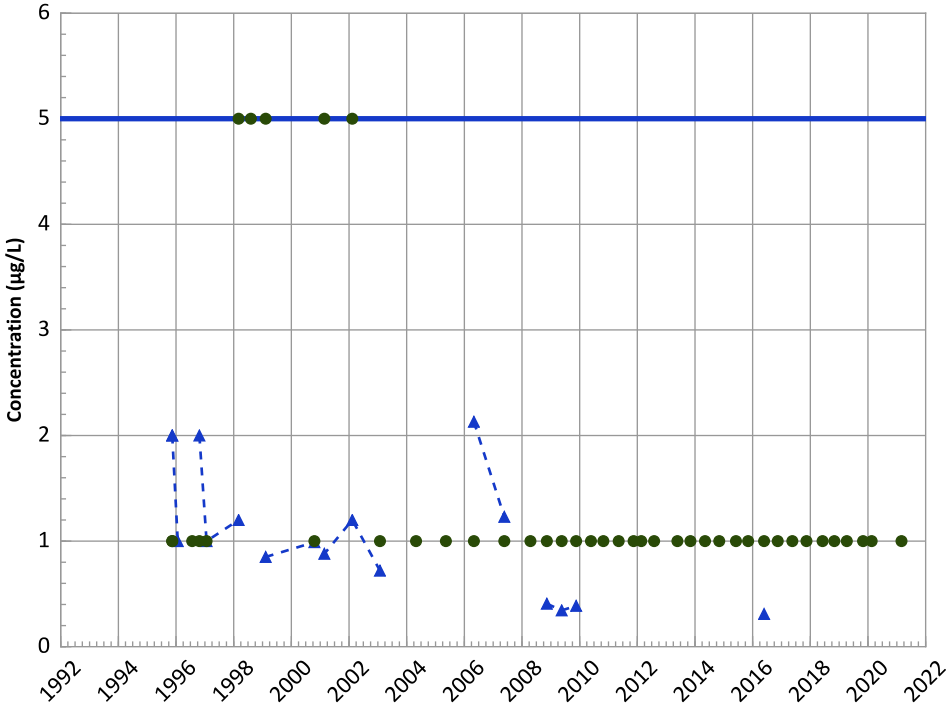


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

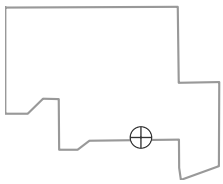
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

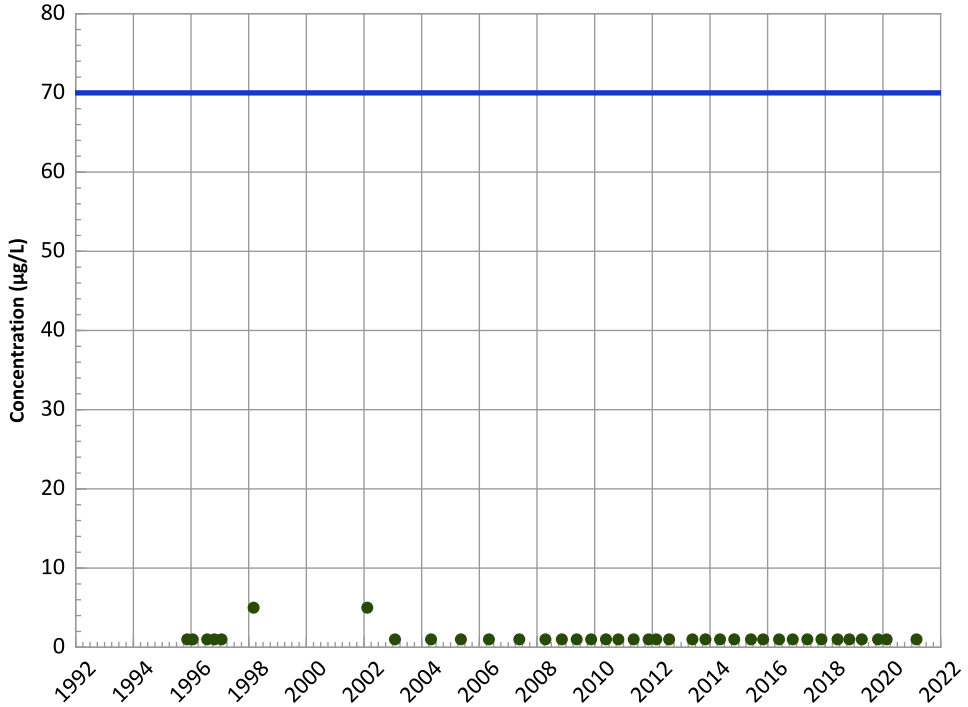
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

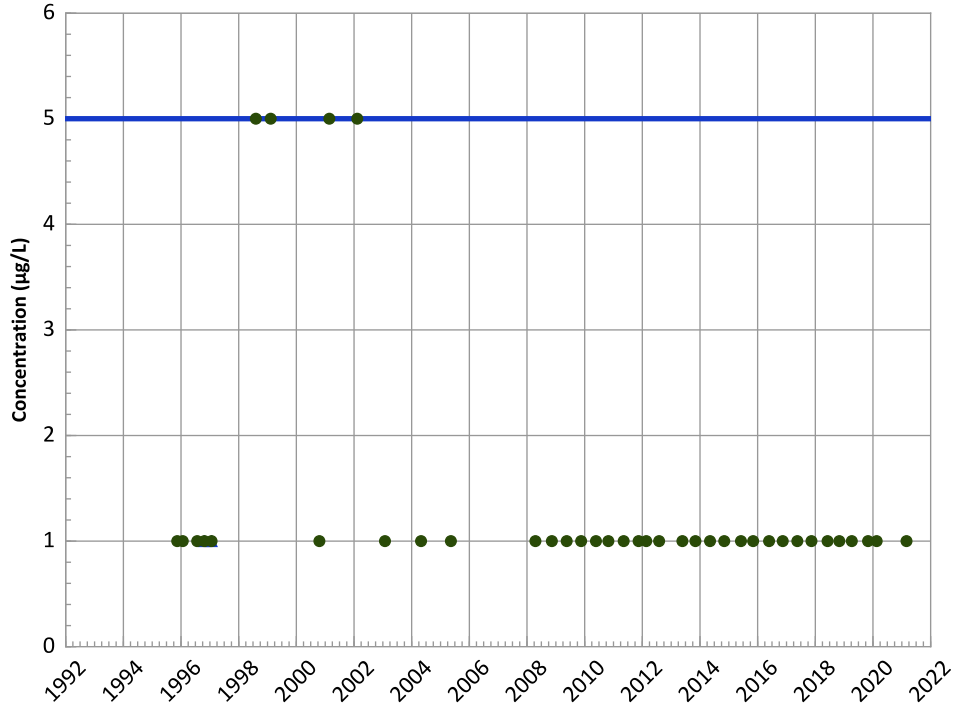


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

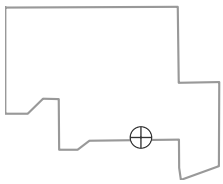
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

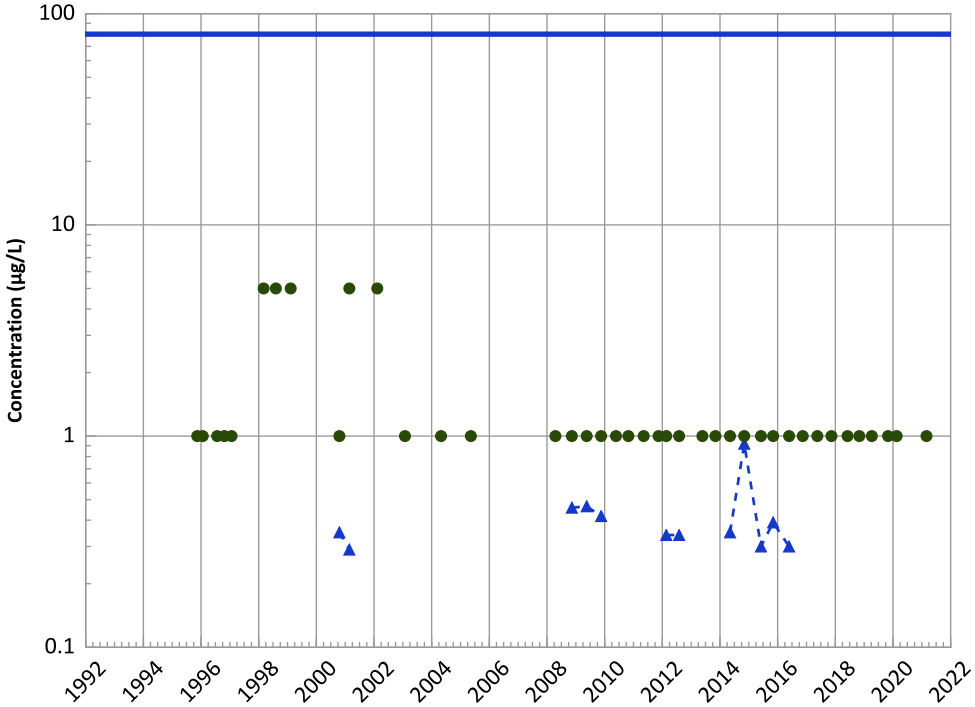
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

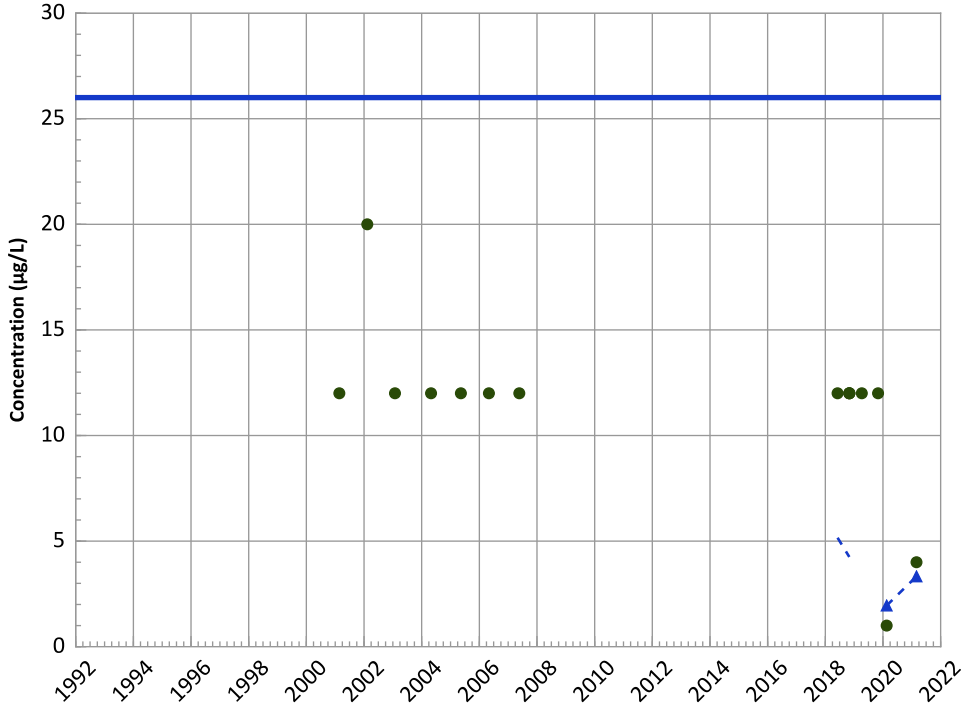


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Perchlorate Trend



Concentration Trend

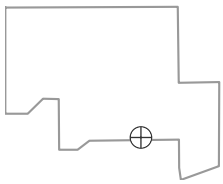
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

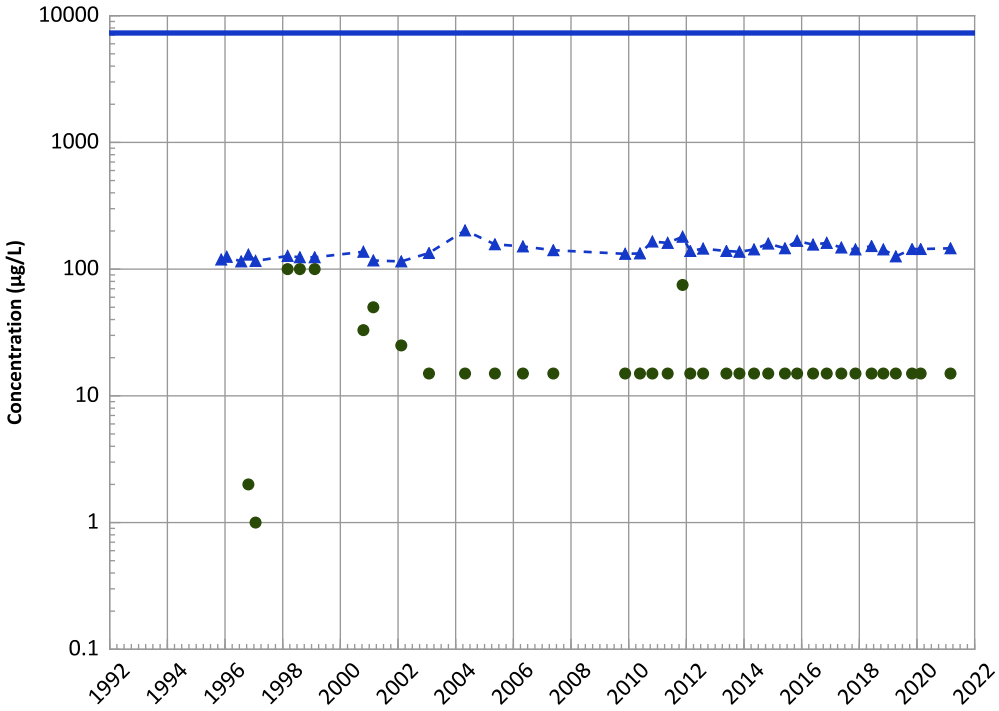
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

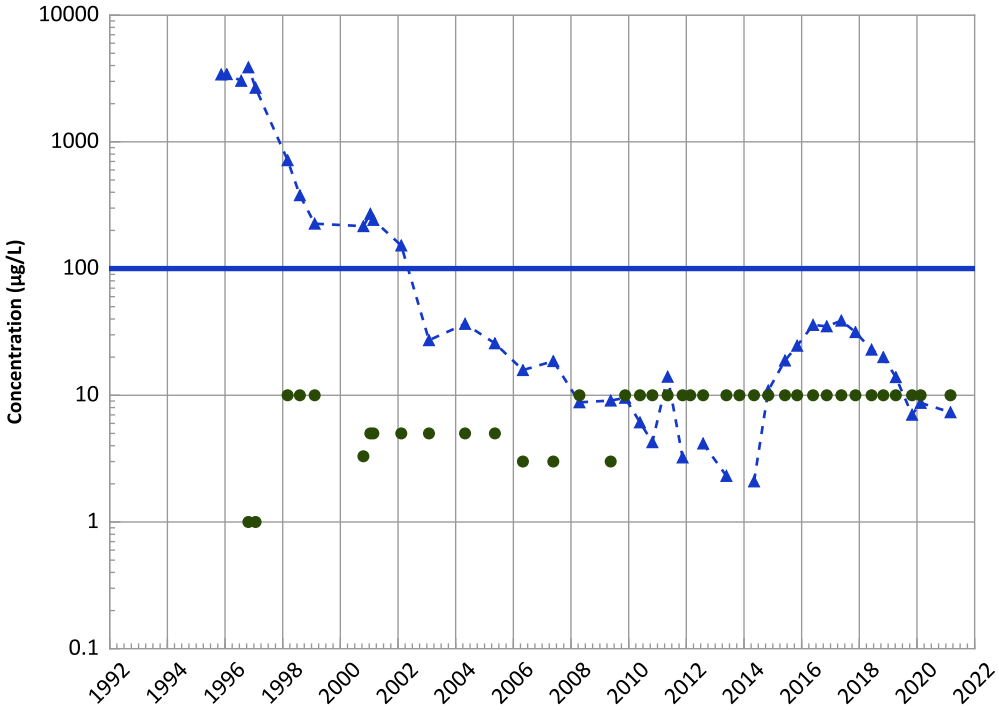


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Chromium, Total Trend



Concentration Trend

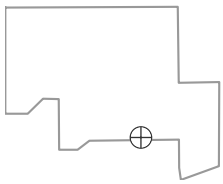
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

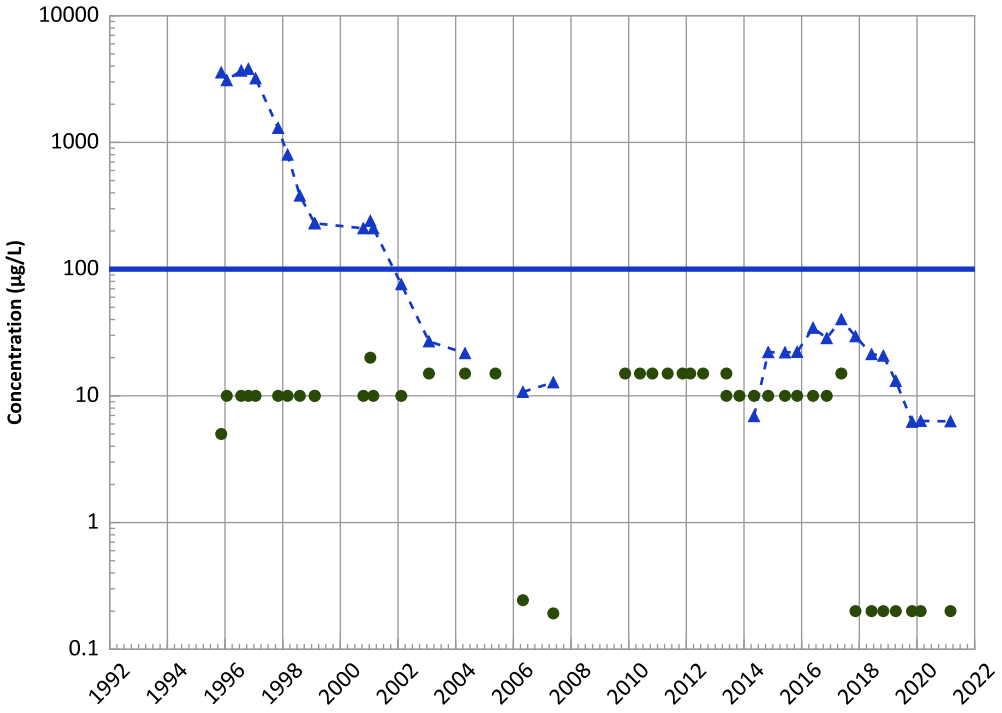
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

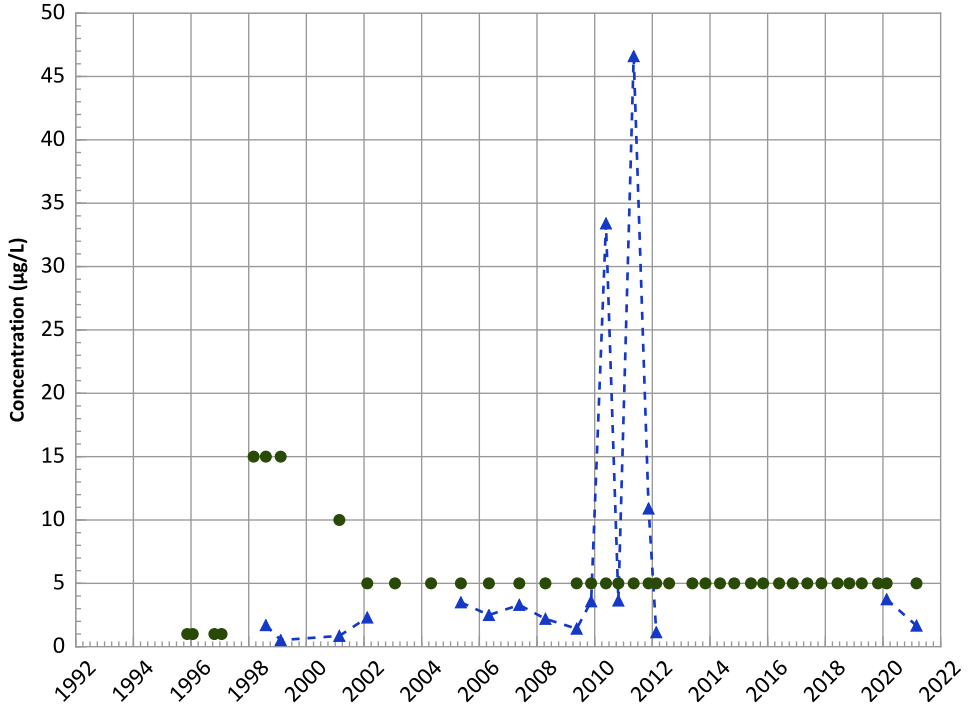


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Manganese Trend



Concentration Trend

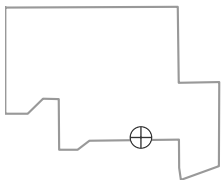
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

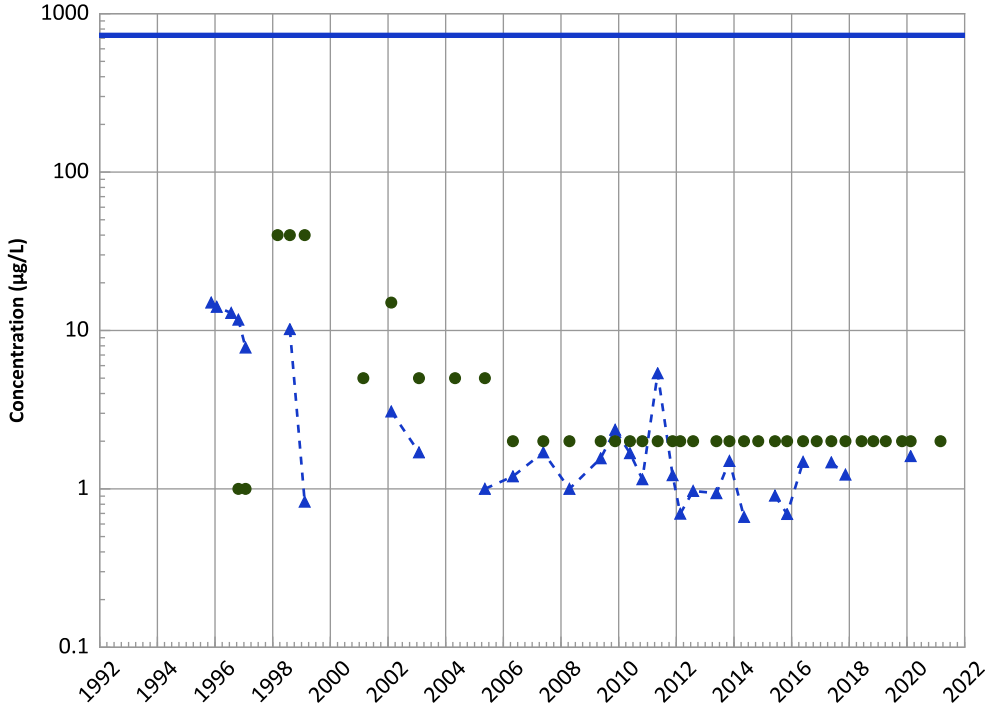
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

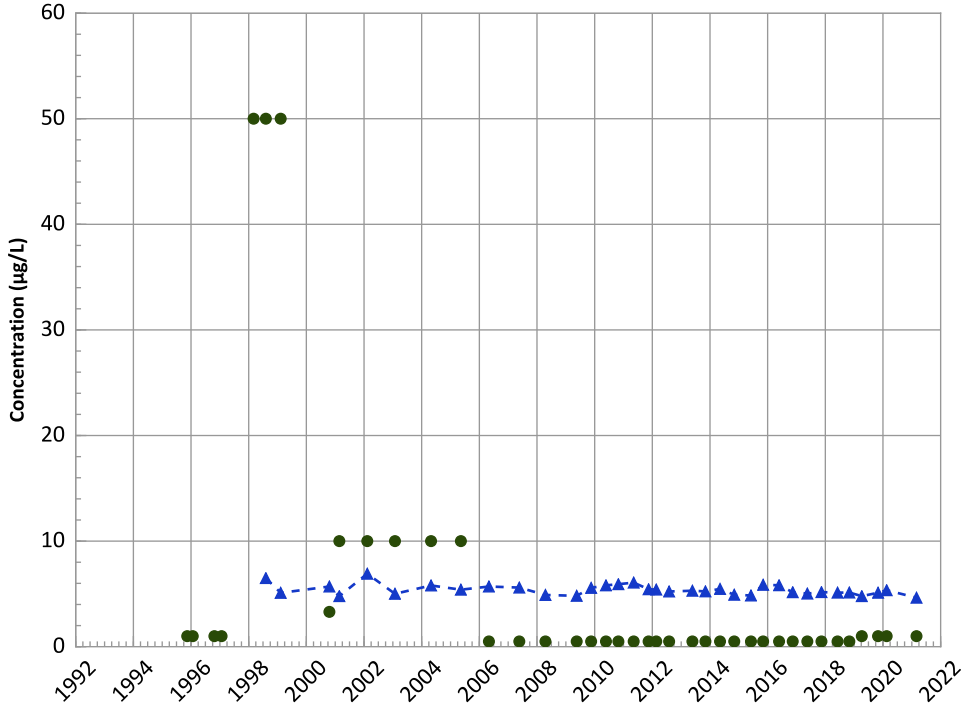


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

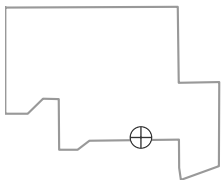
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

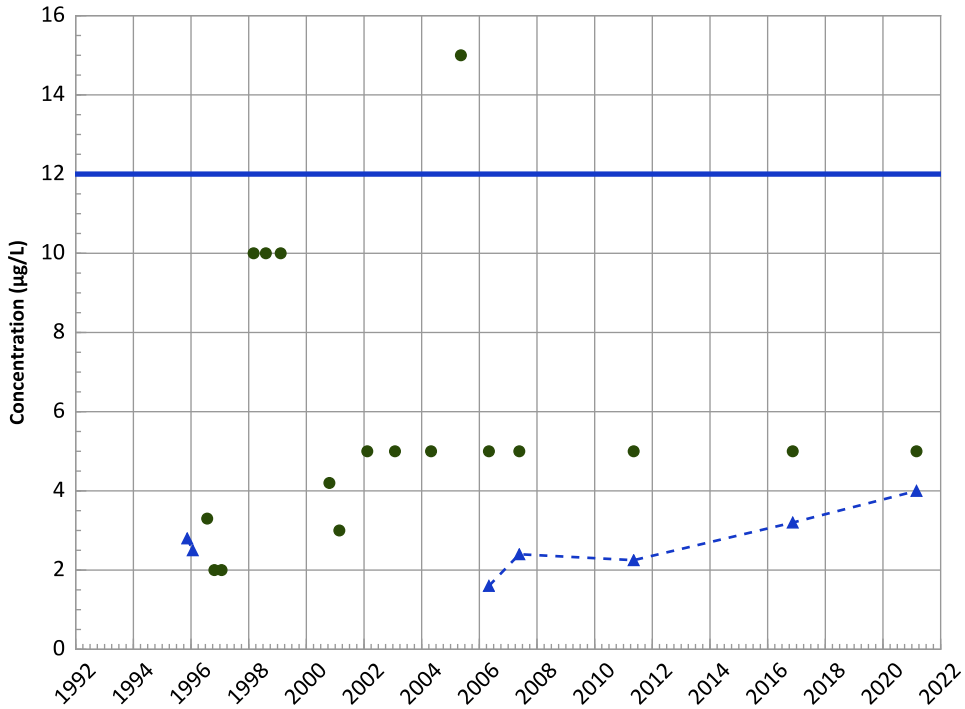
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

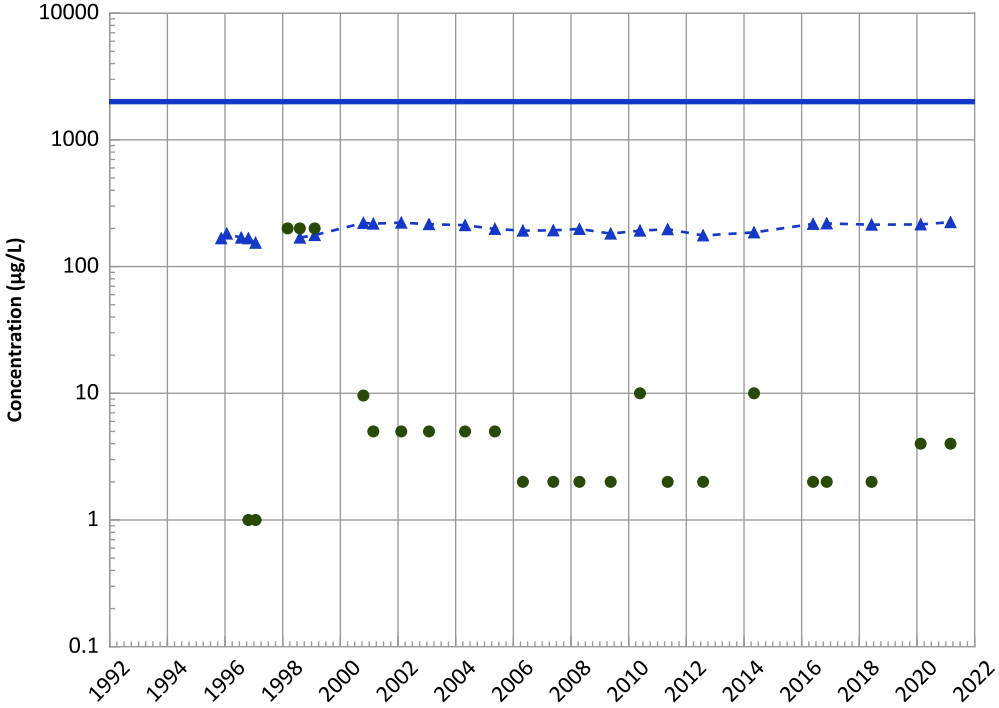


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
No Trend

Barium Trend



Concentration Trend

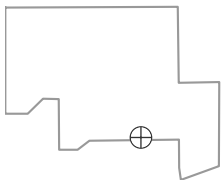
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

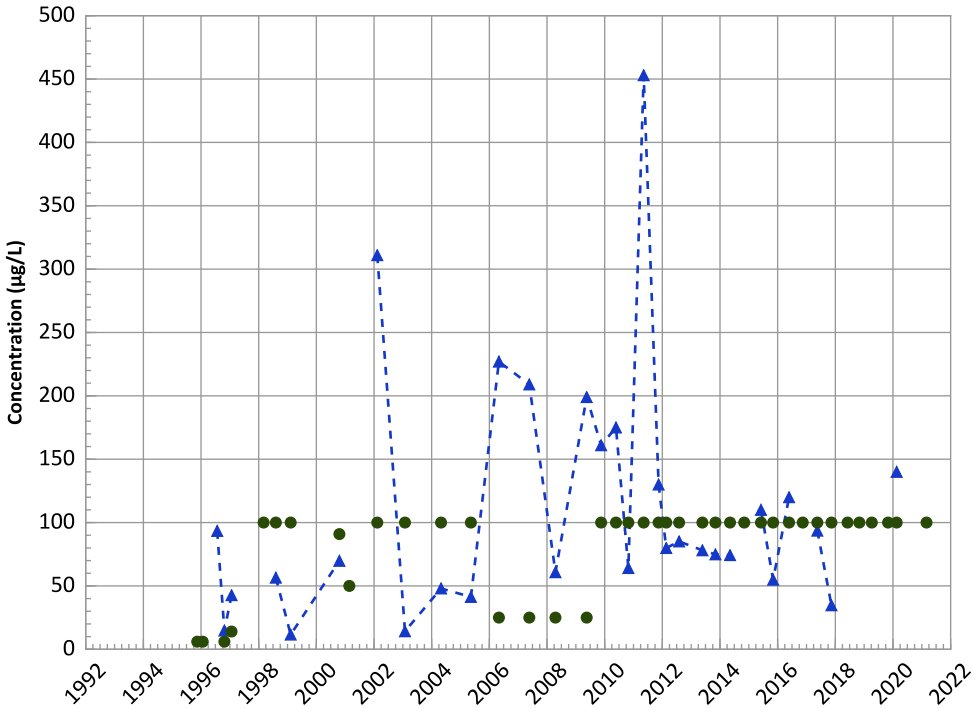
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1009 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

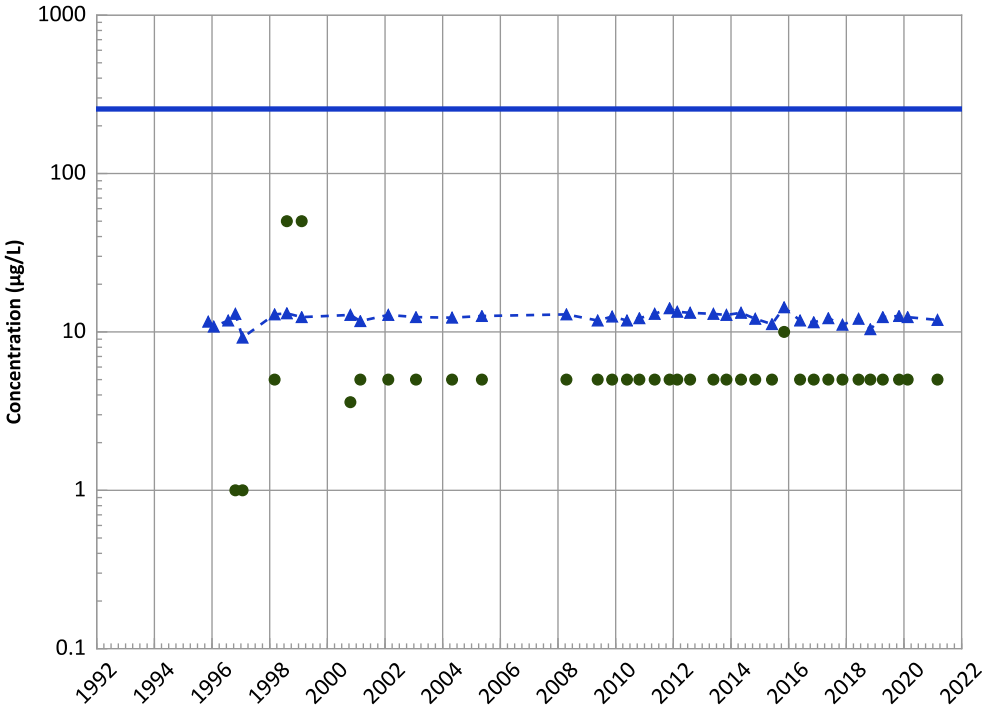


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Vanadium Trend



Concentration Trend

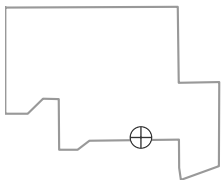
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

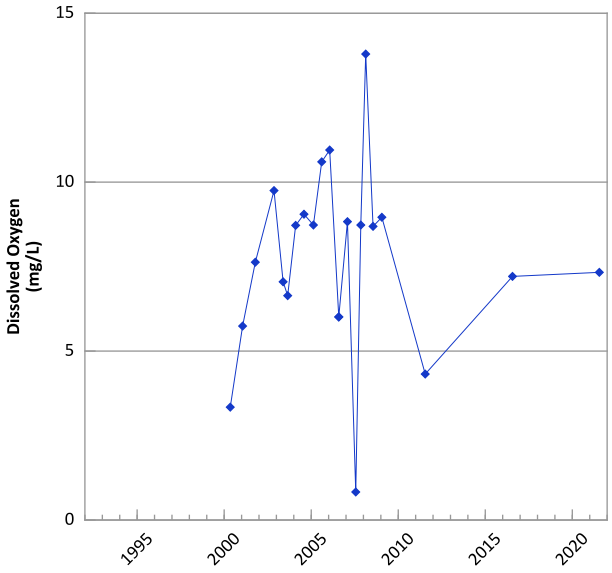
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 03/01/2021
Analysis Date: 04/05/2022

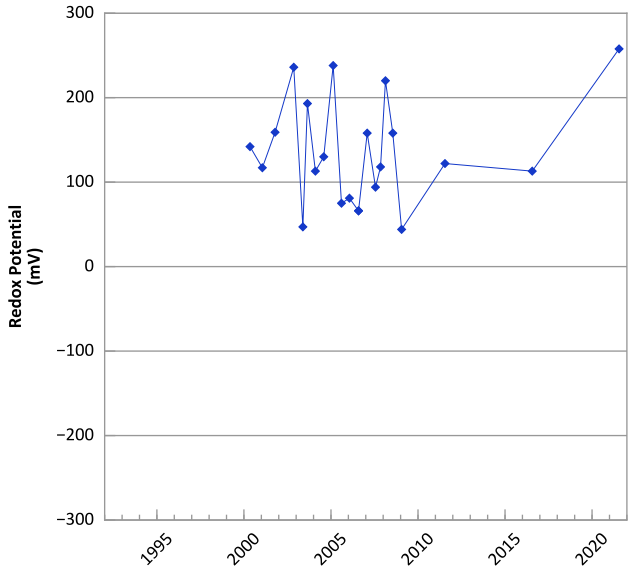
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

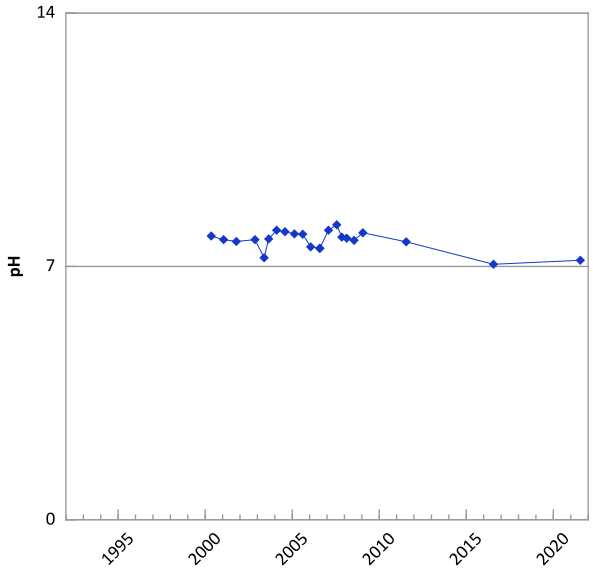
Well Location

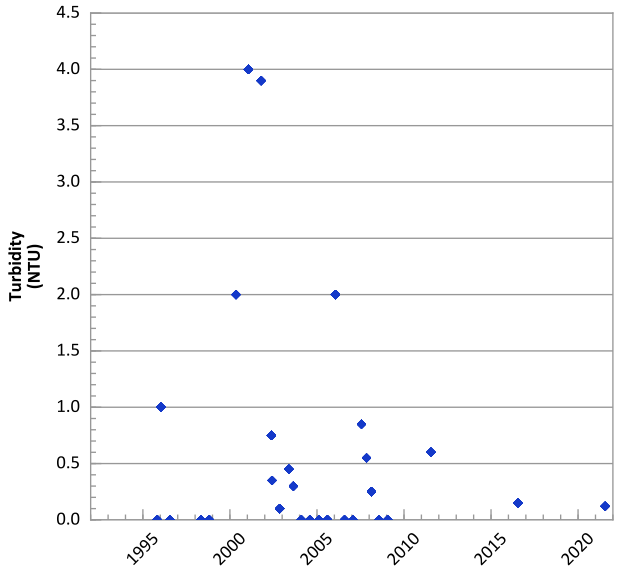


PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



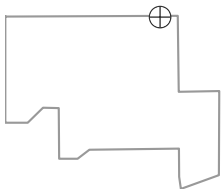






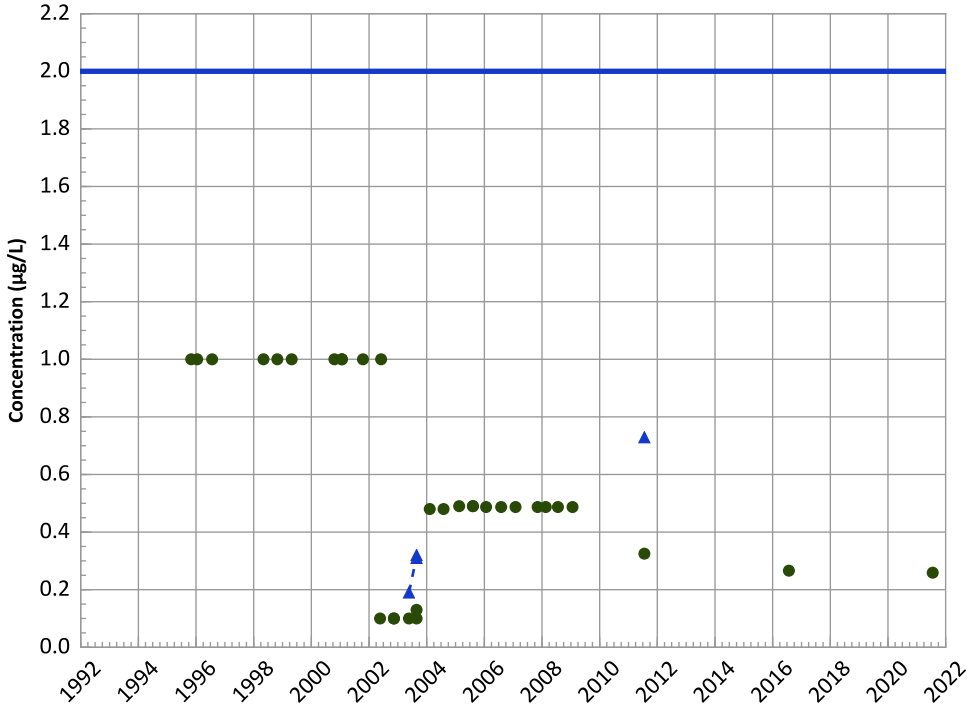
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

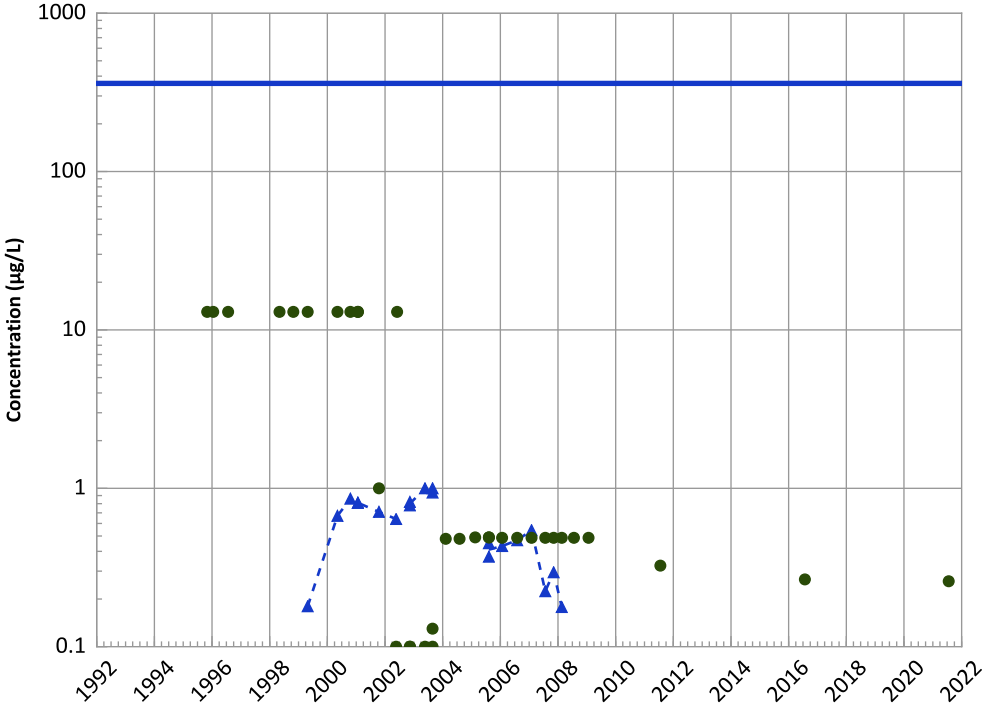


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

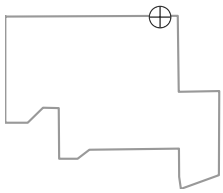
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

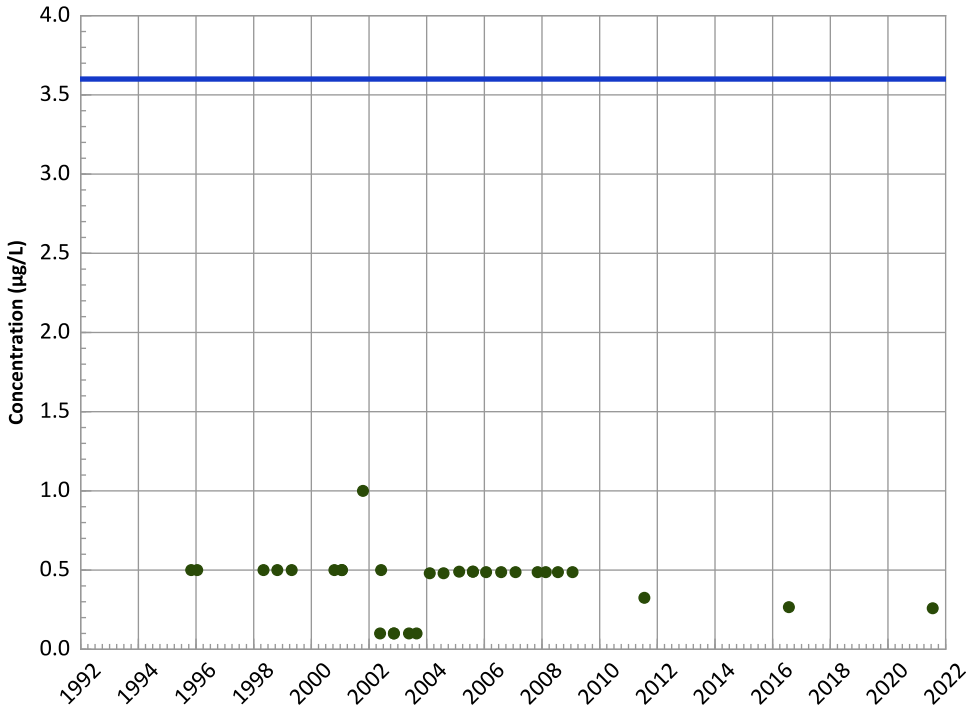
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

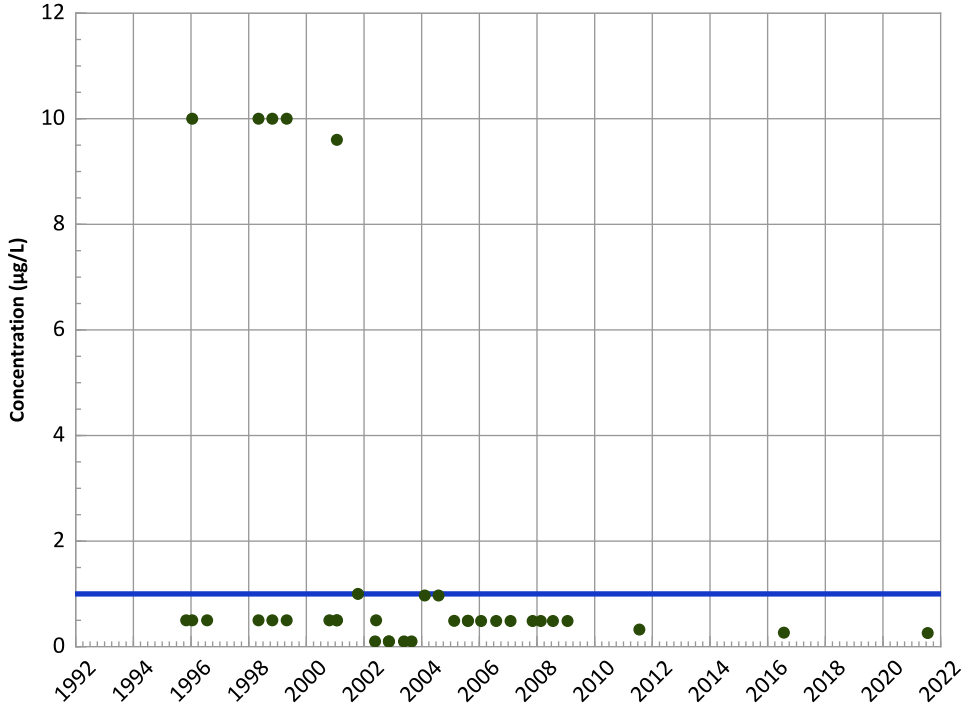


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

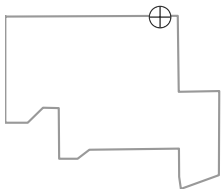
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

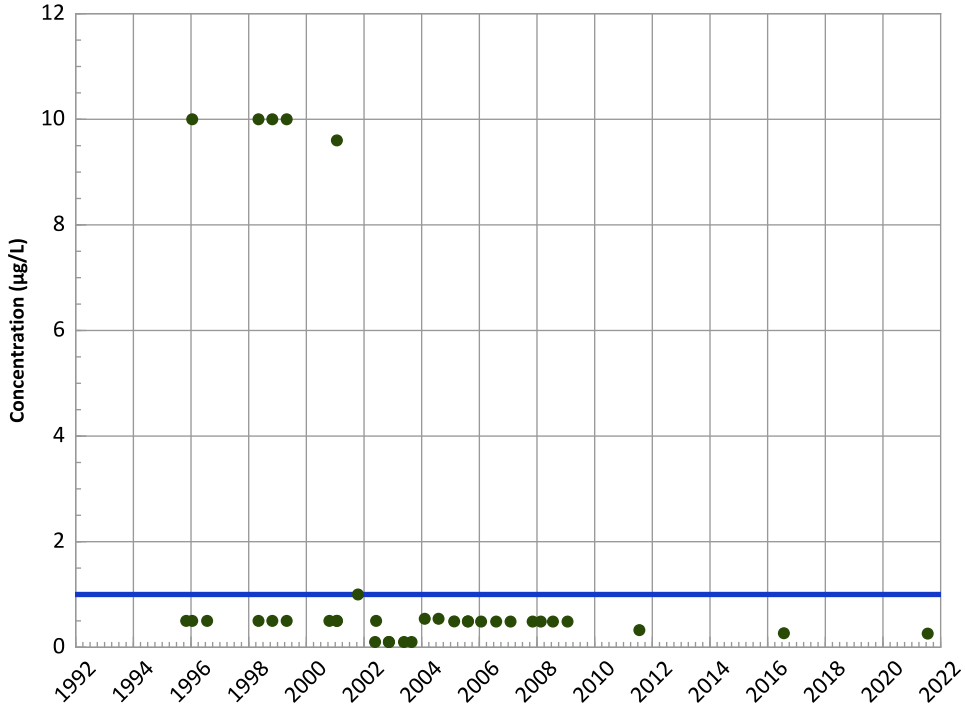
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

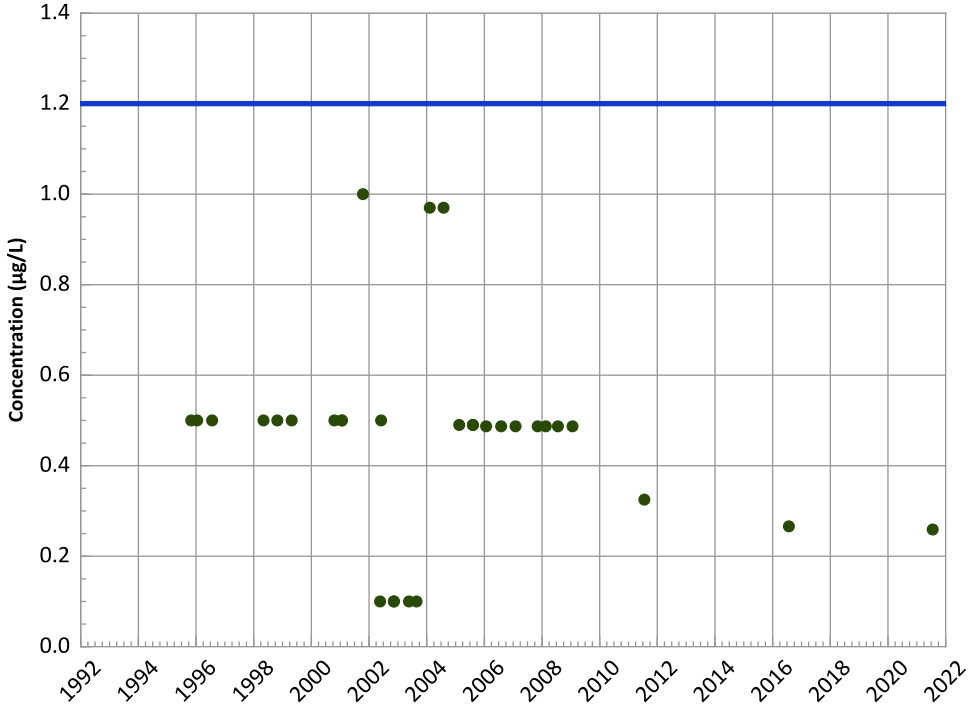


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

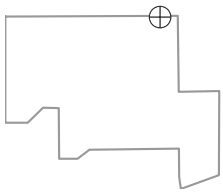
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

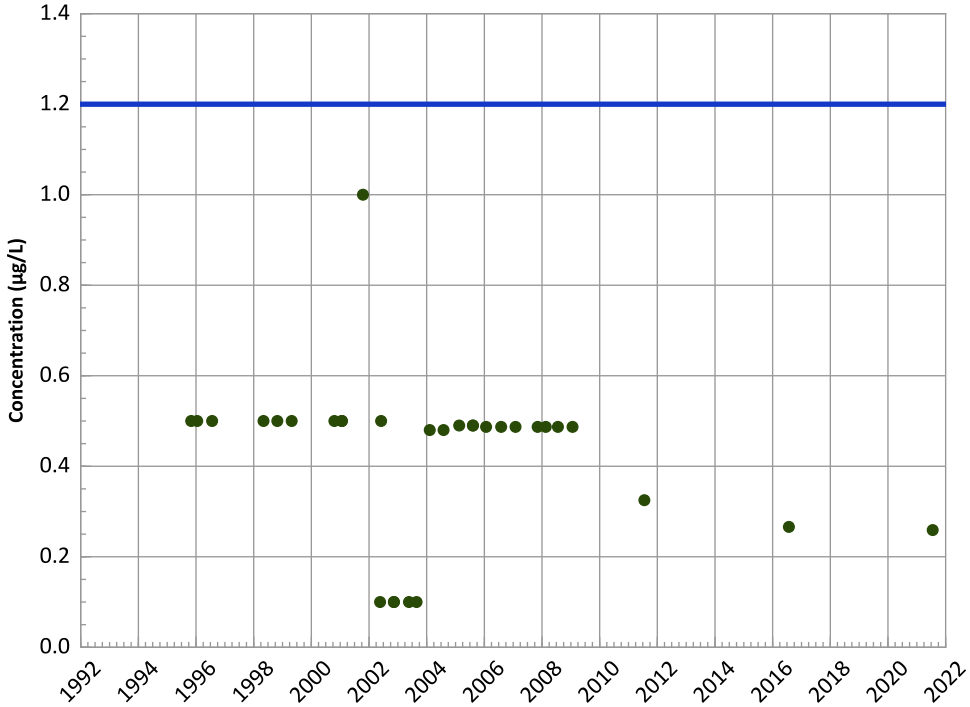
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

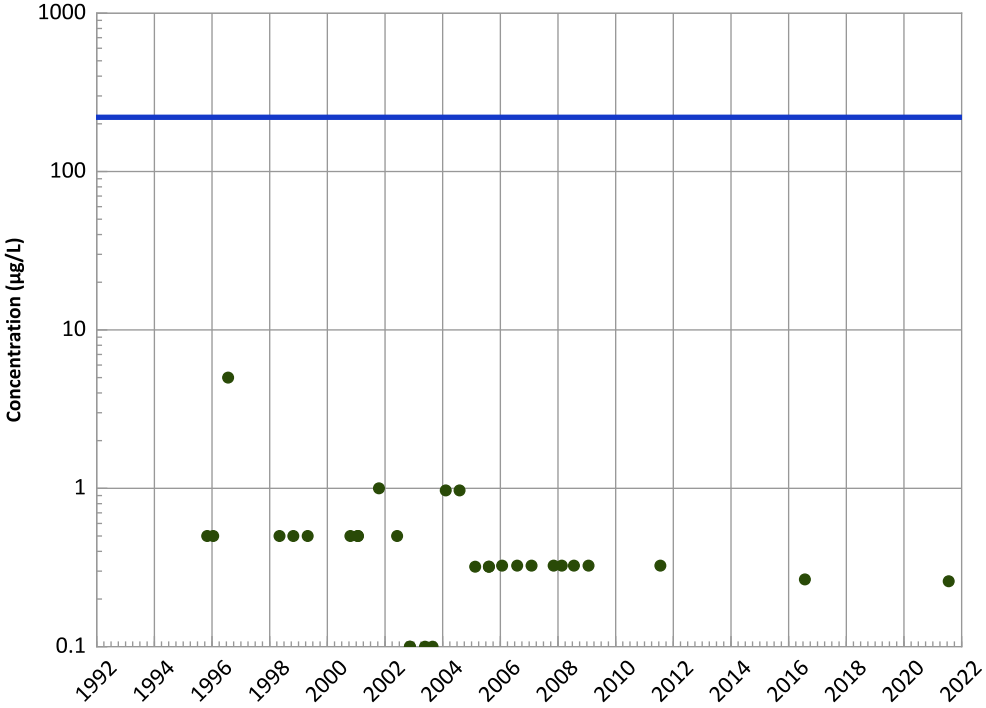


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

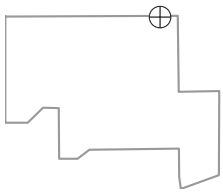
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

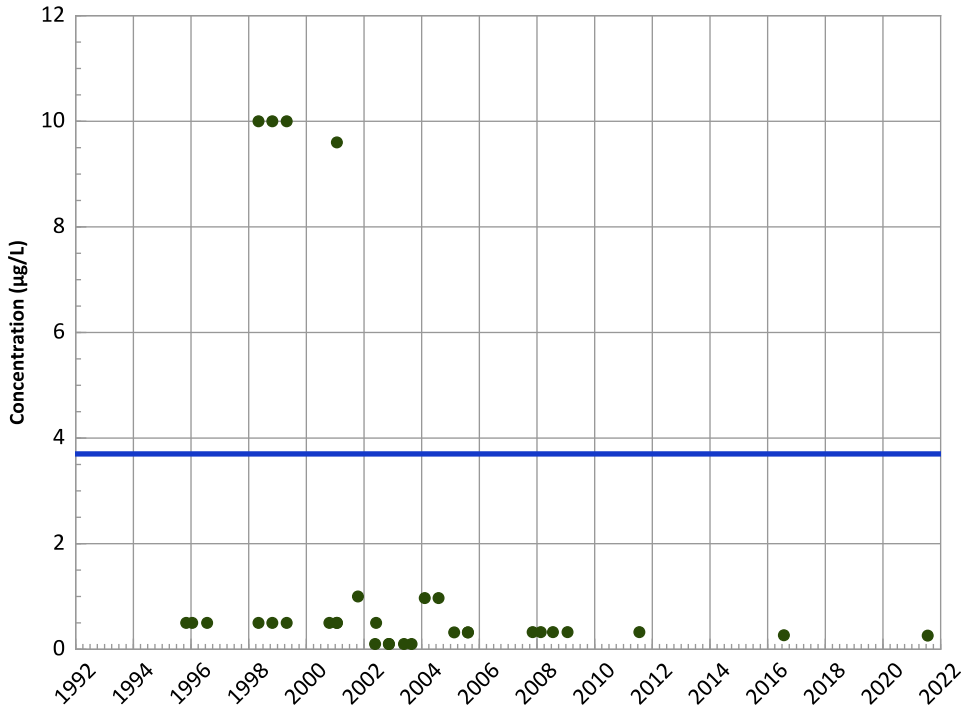
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

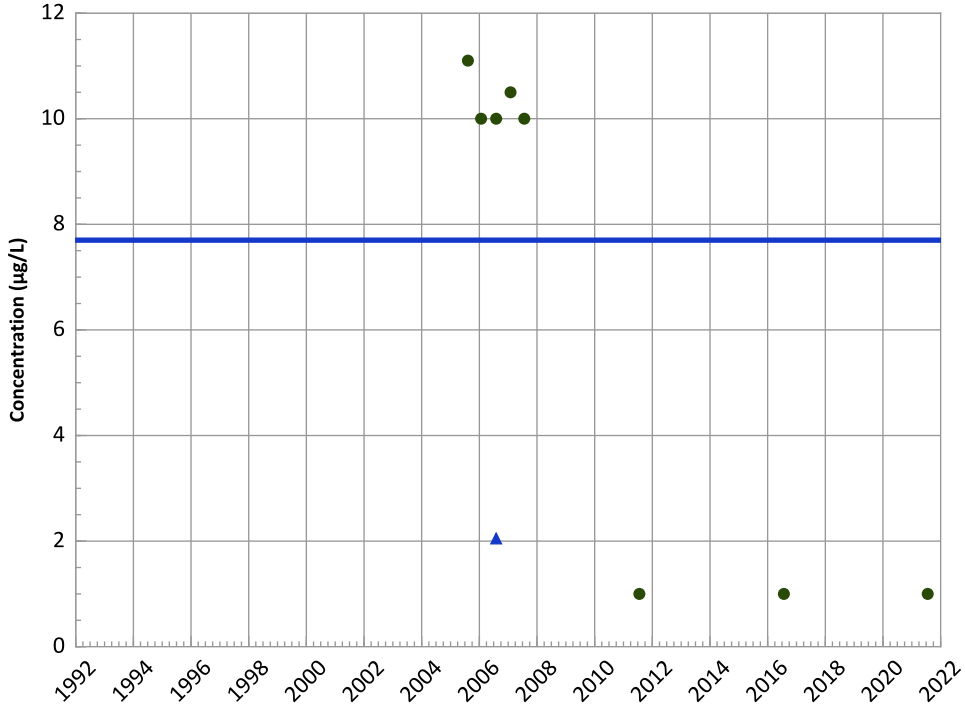


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

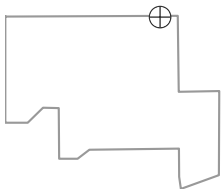
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

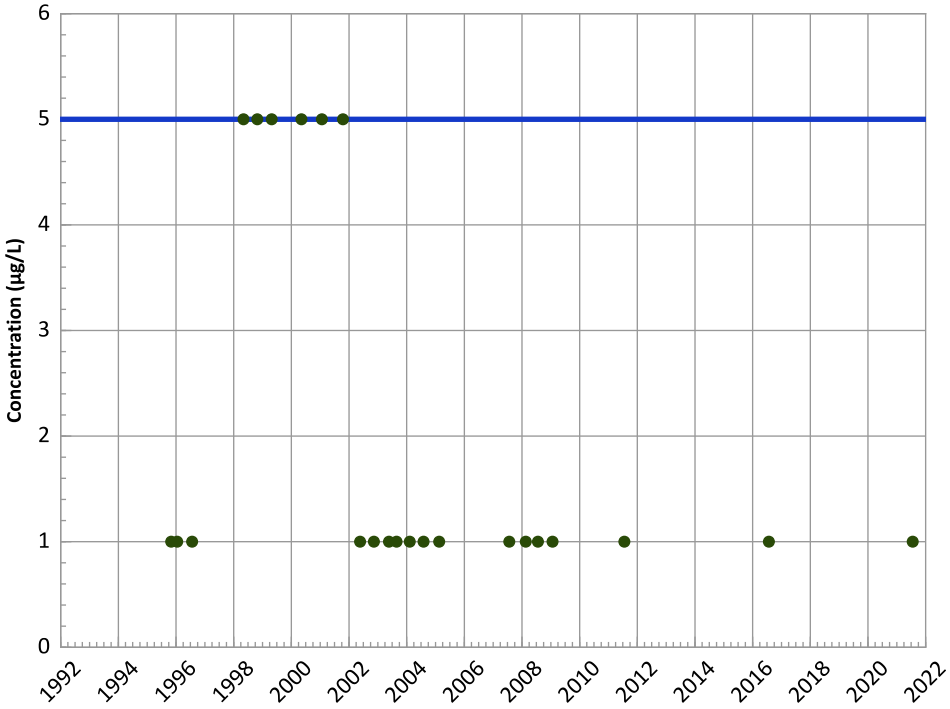
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

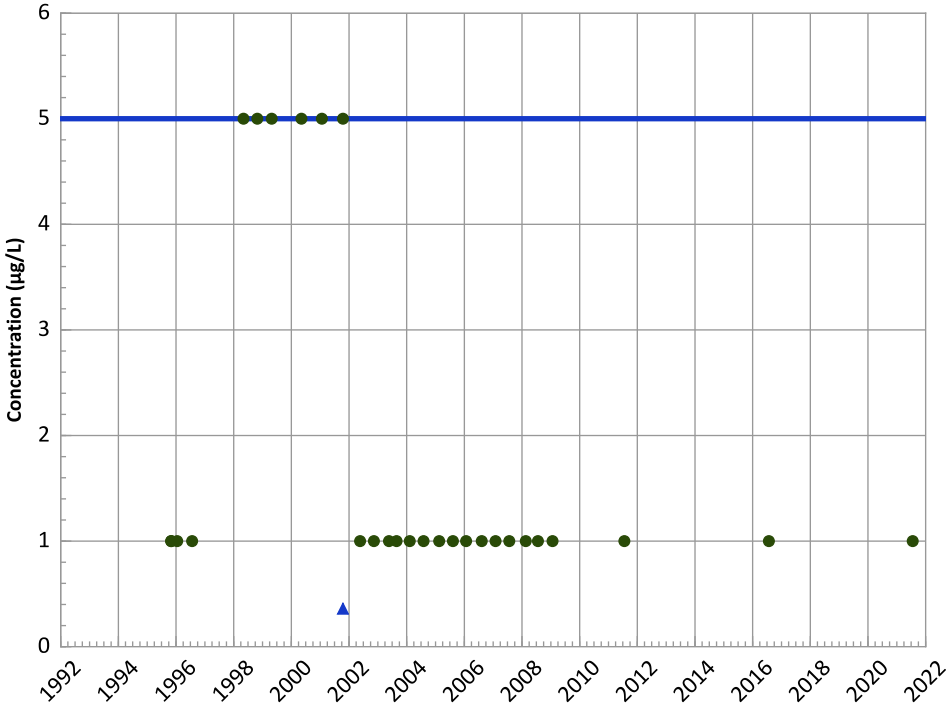


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

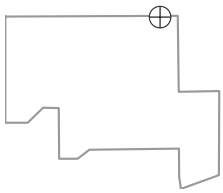
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

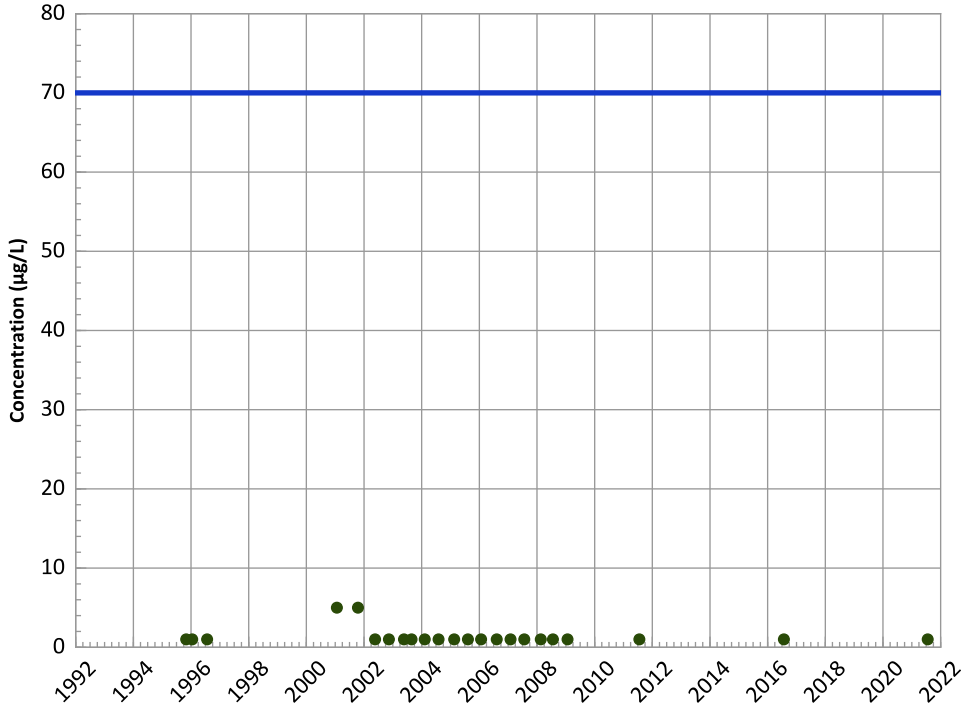
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

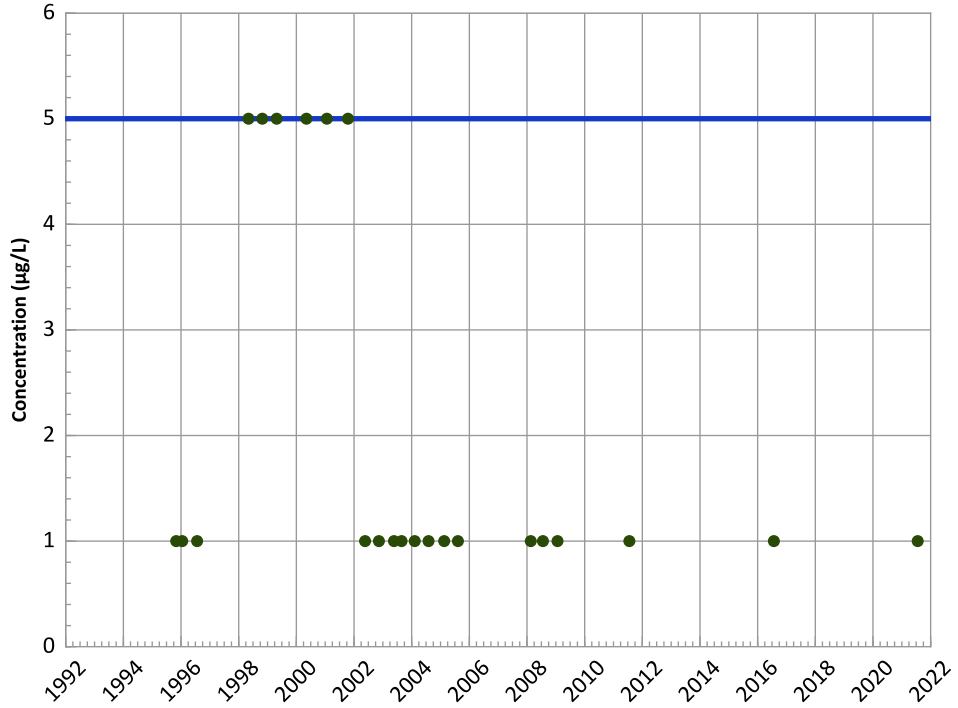


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

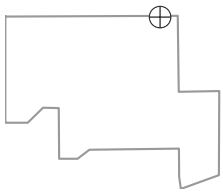
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

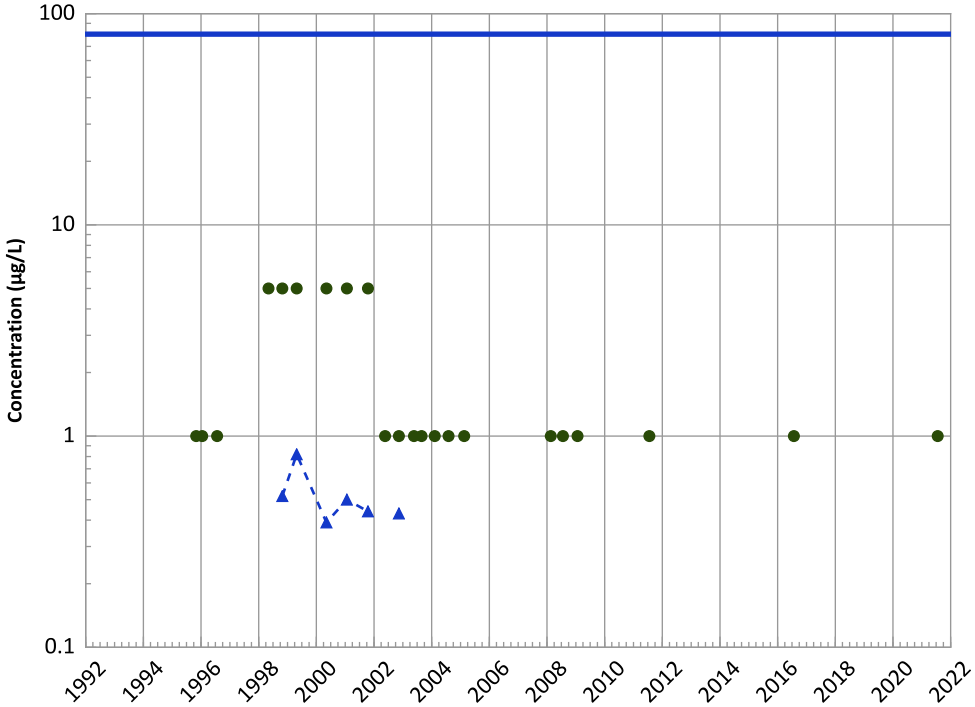
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

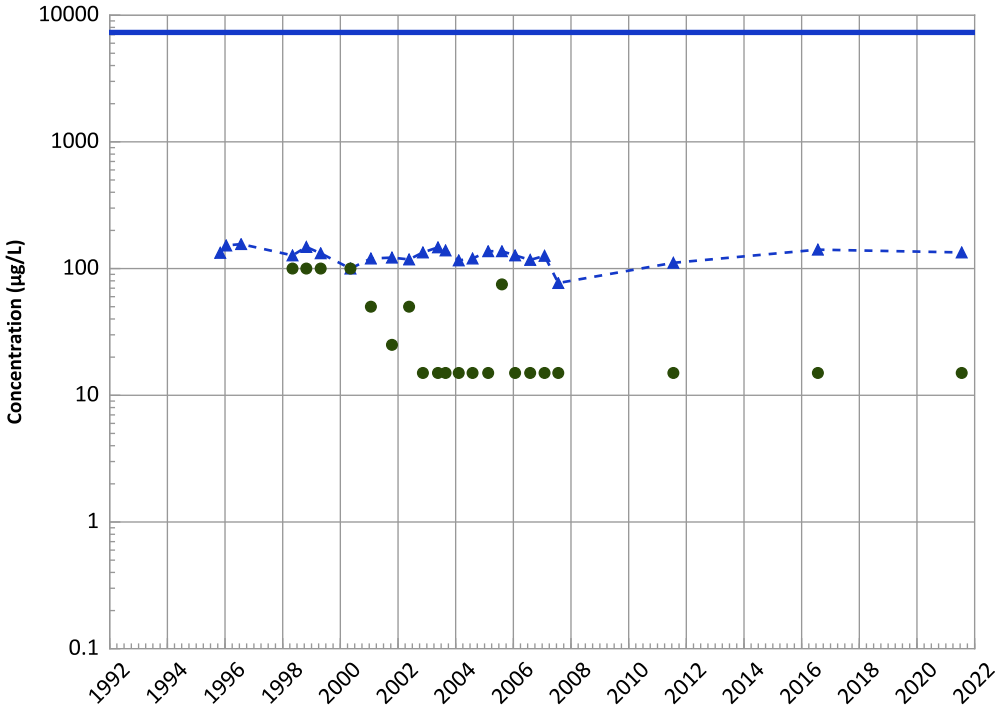


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Boron Trend



Concentration Trend

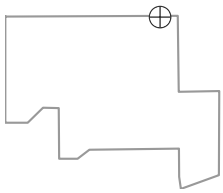
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

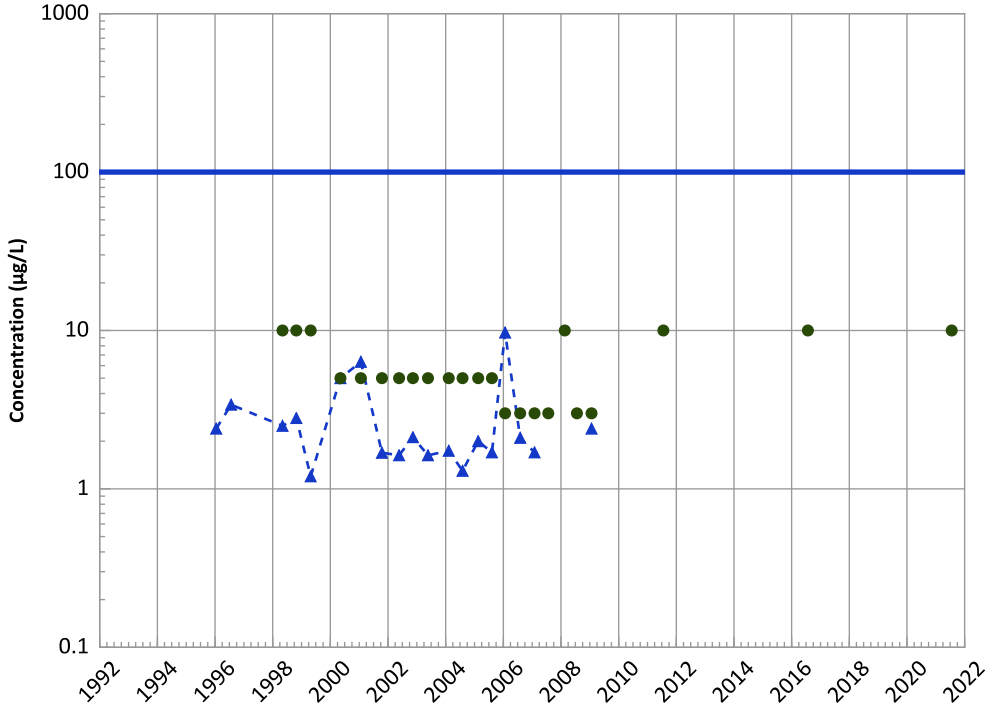
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

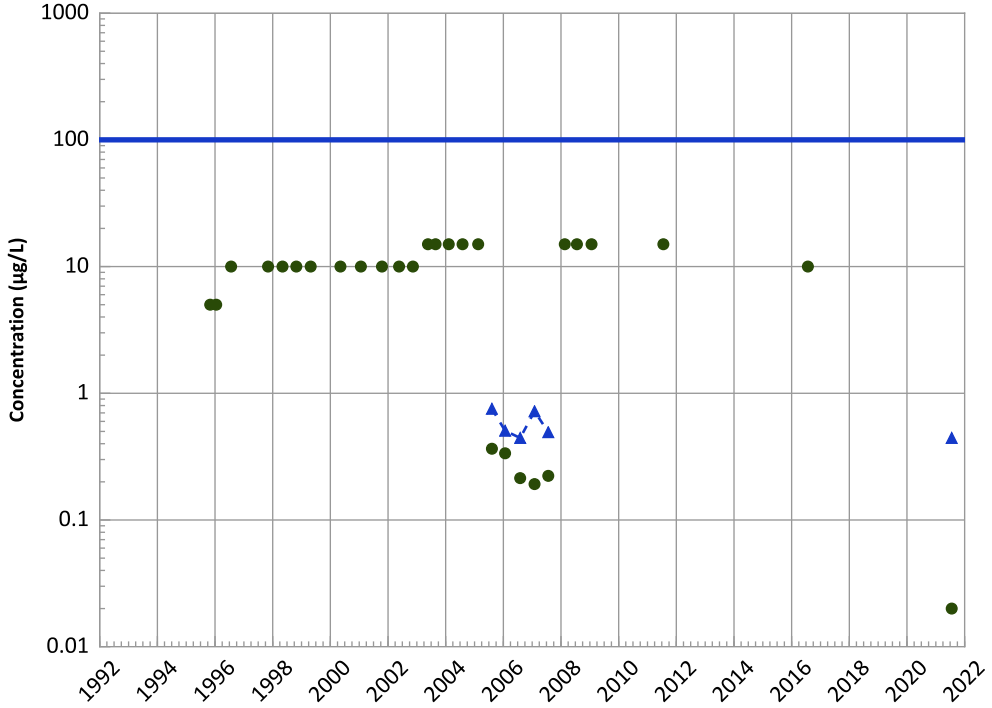


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

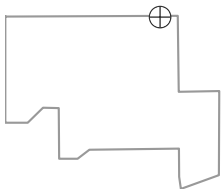
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

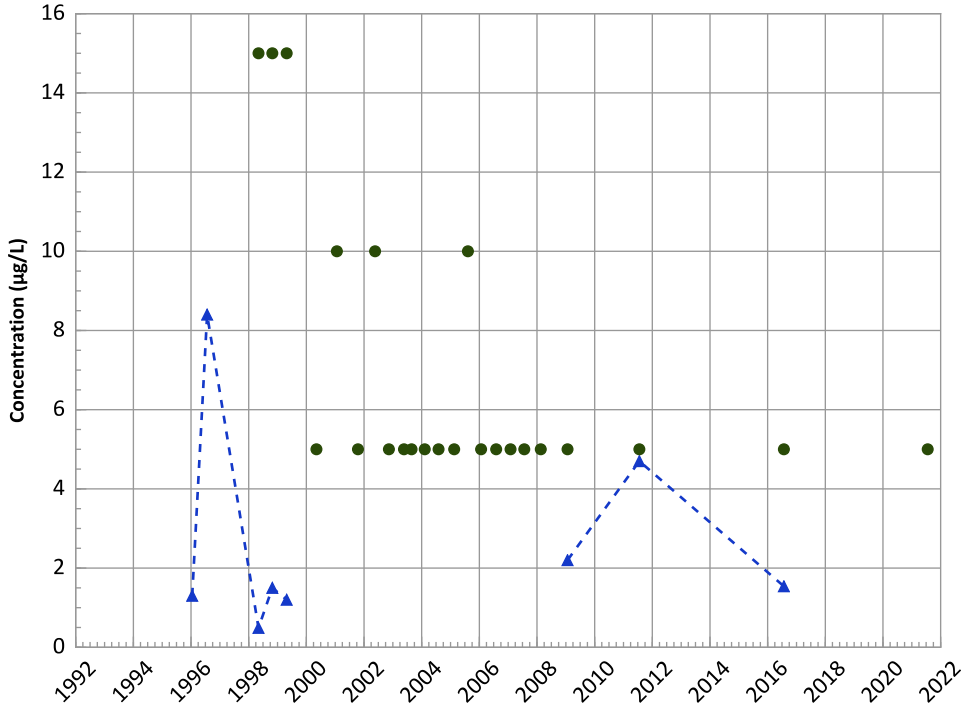
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

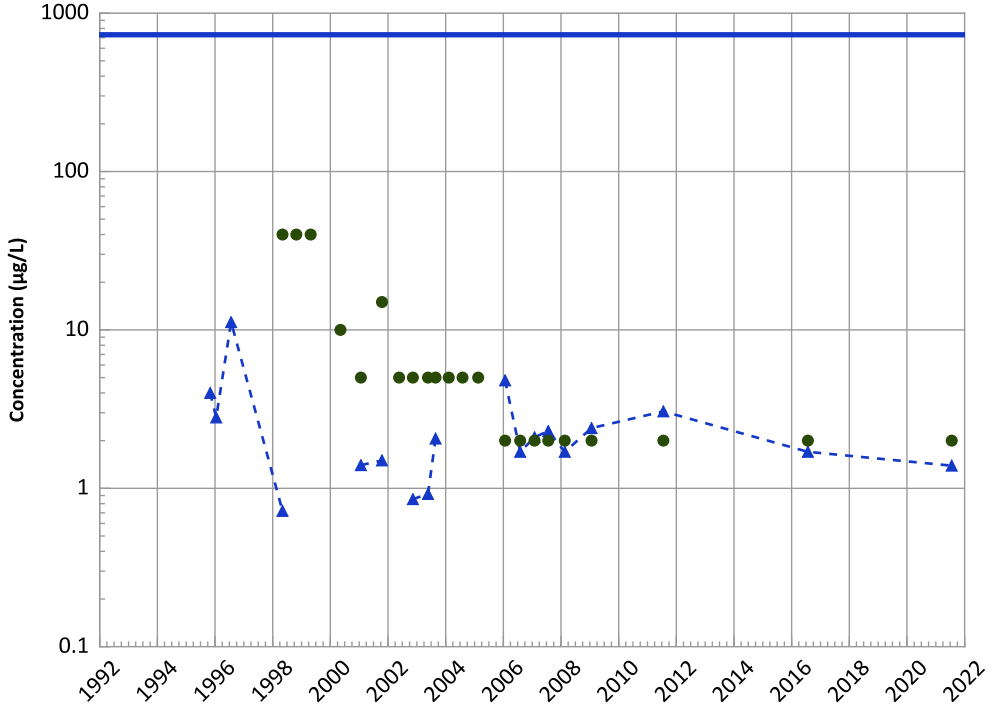


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Nickel Trend



Concentration Trend

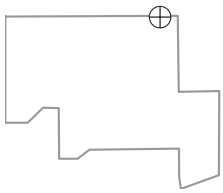
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

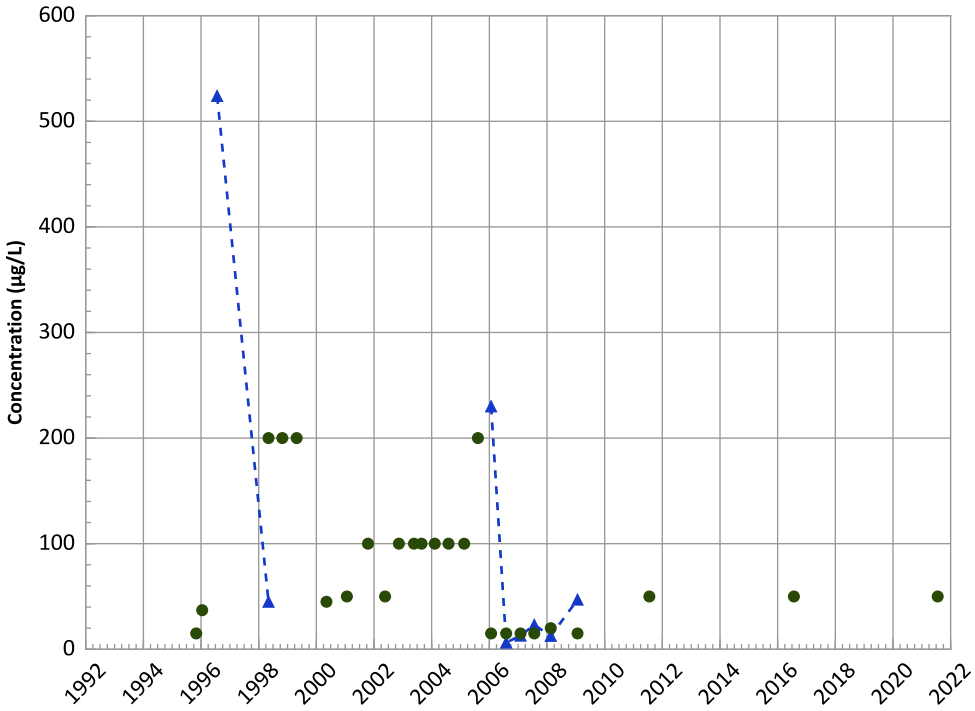
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Aluminum Trend

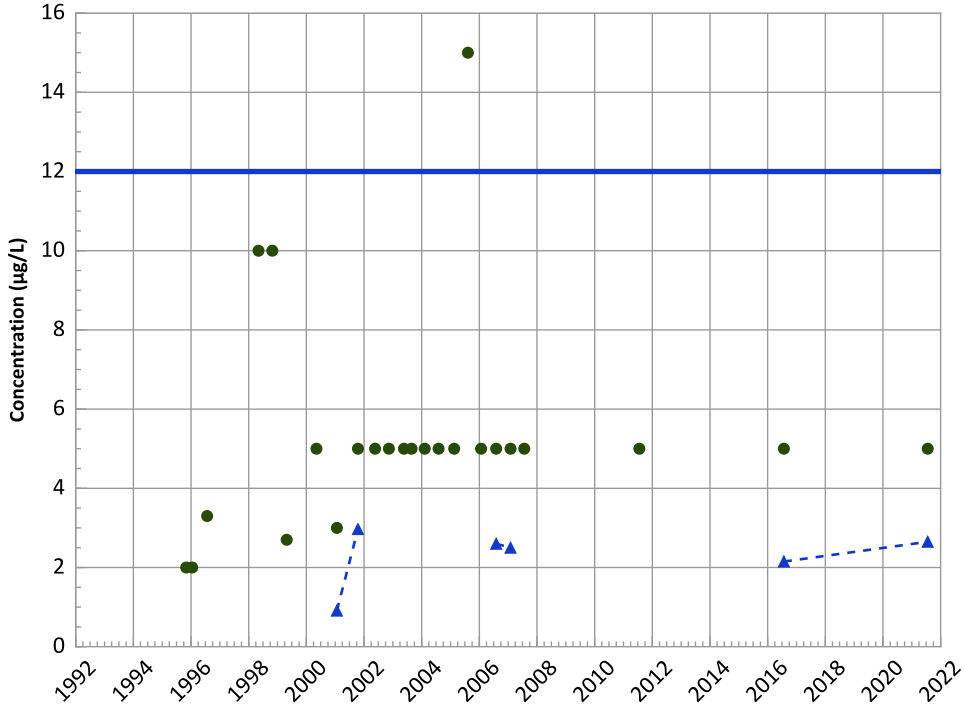


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Arsenic Trend



Concentration Trend

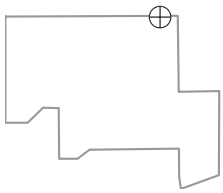
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

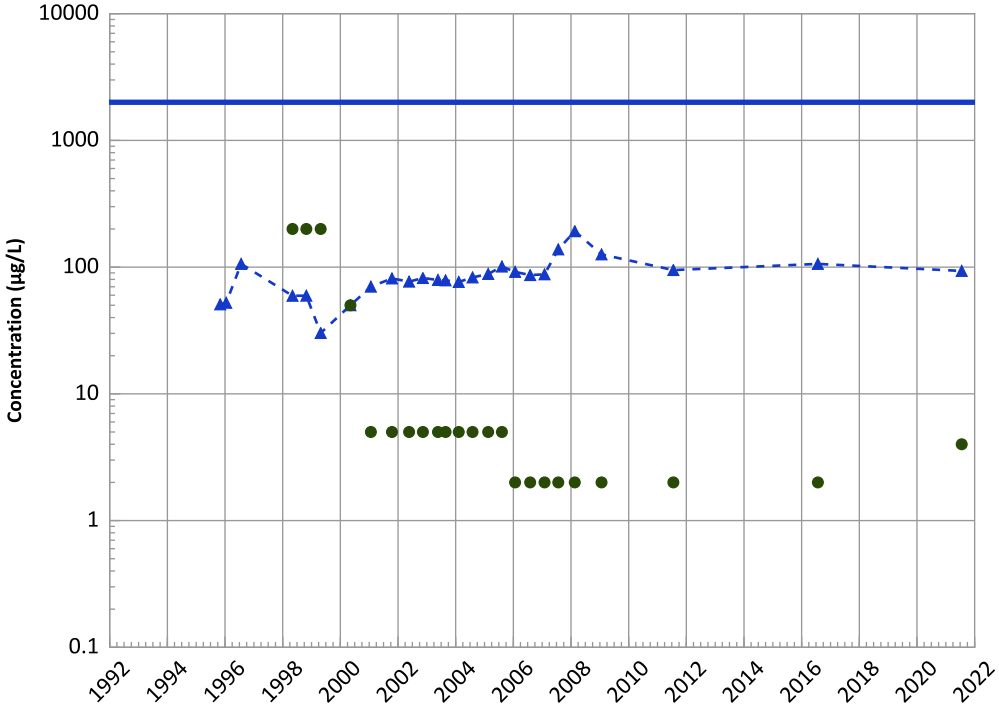
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

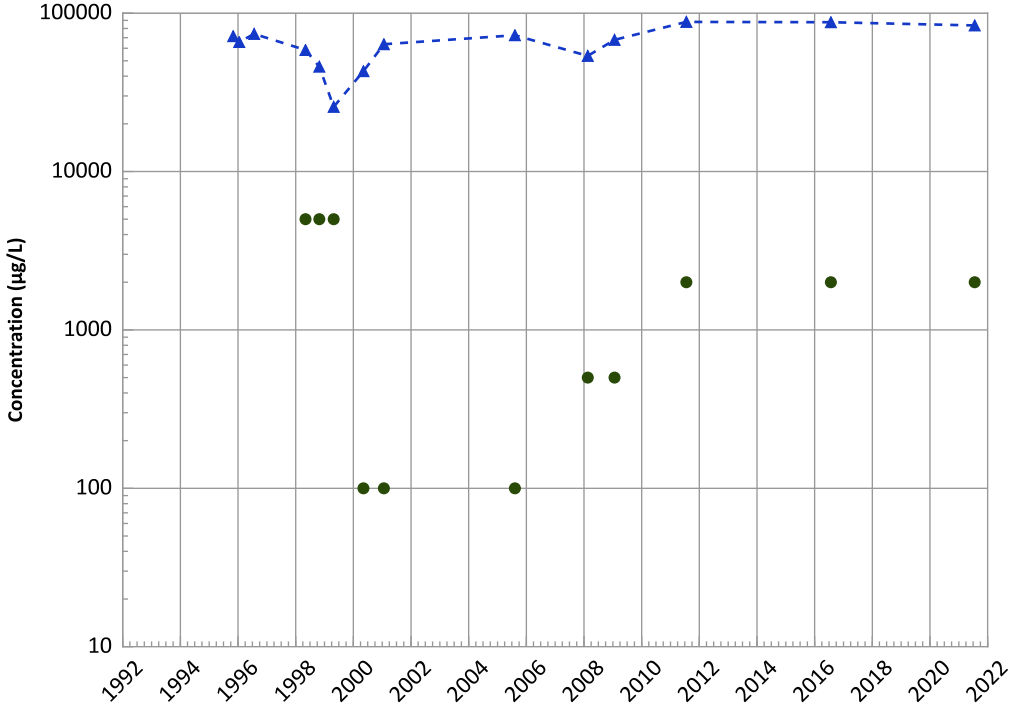


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Calcium Trend



Concentration Trend

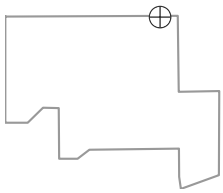
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

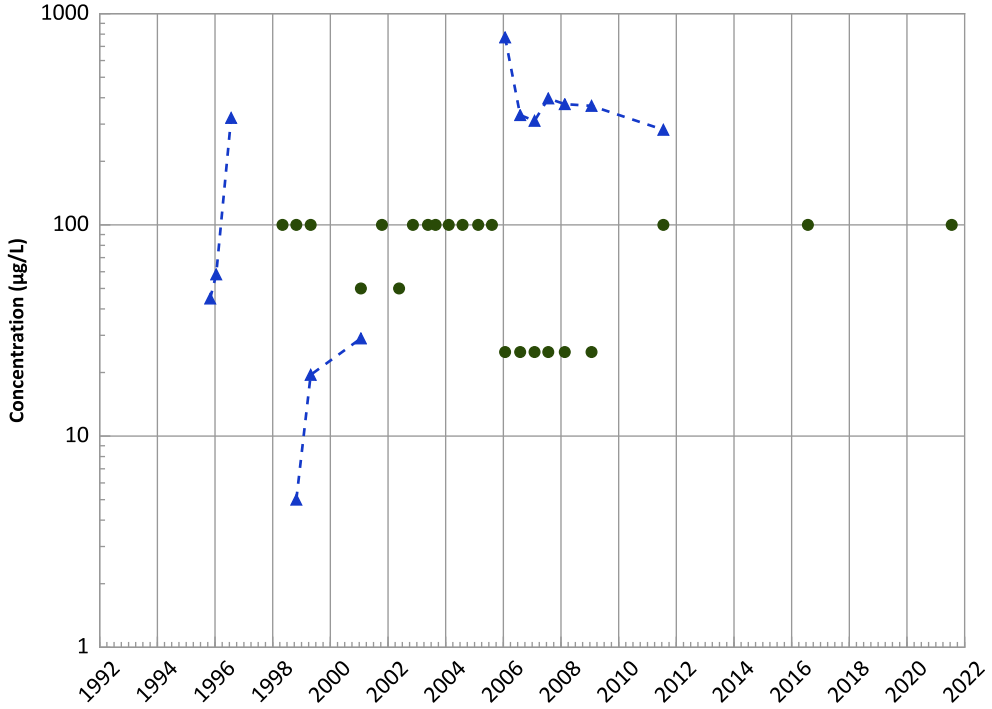
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

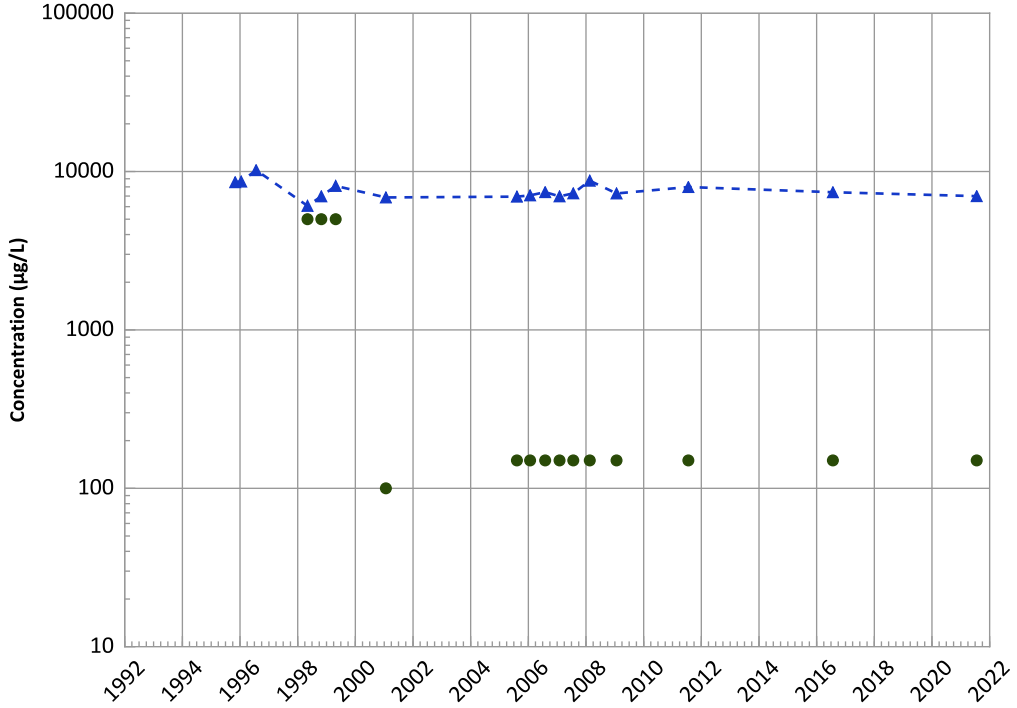


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

Potassium Trend



Concentration Trend

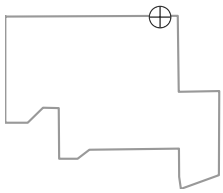
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

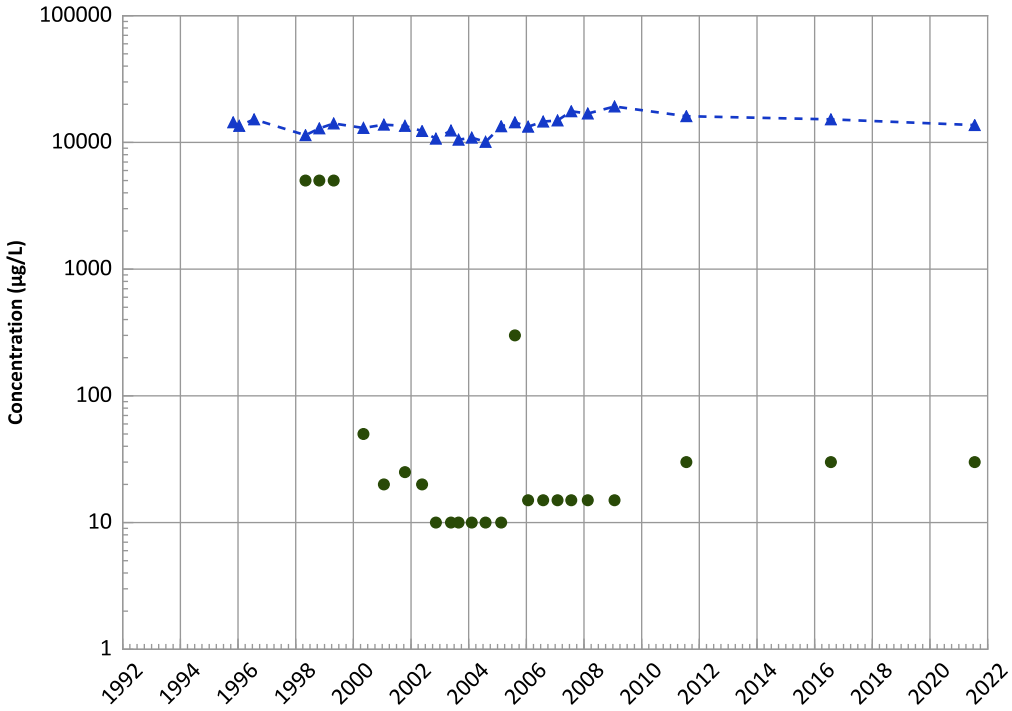
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Magnesium Trend

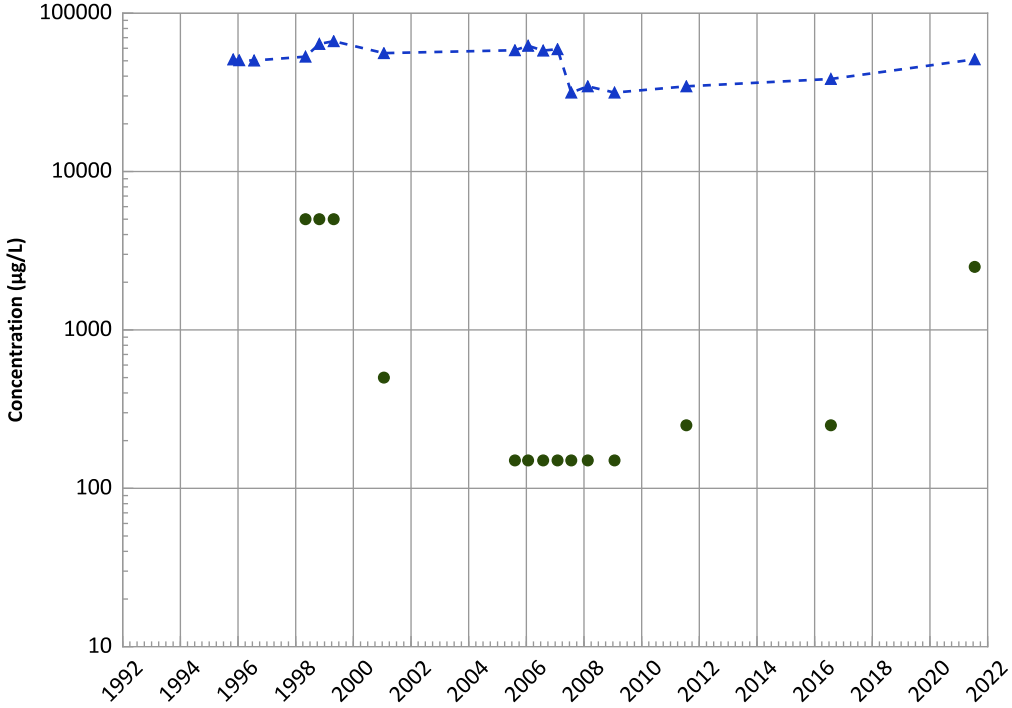


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Probably Increasing

Sodium Trend



Concentration Trend

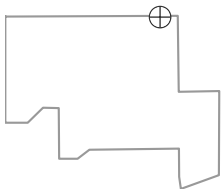
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

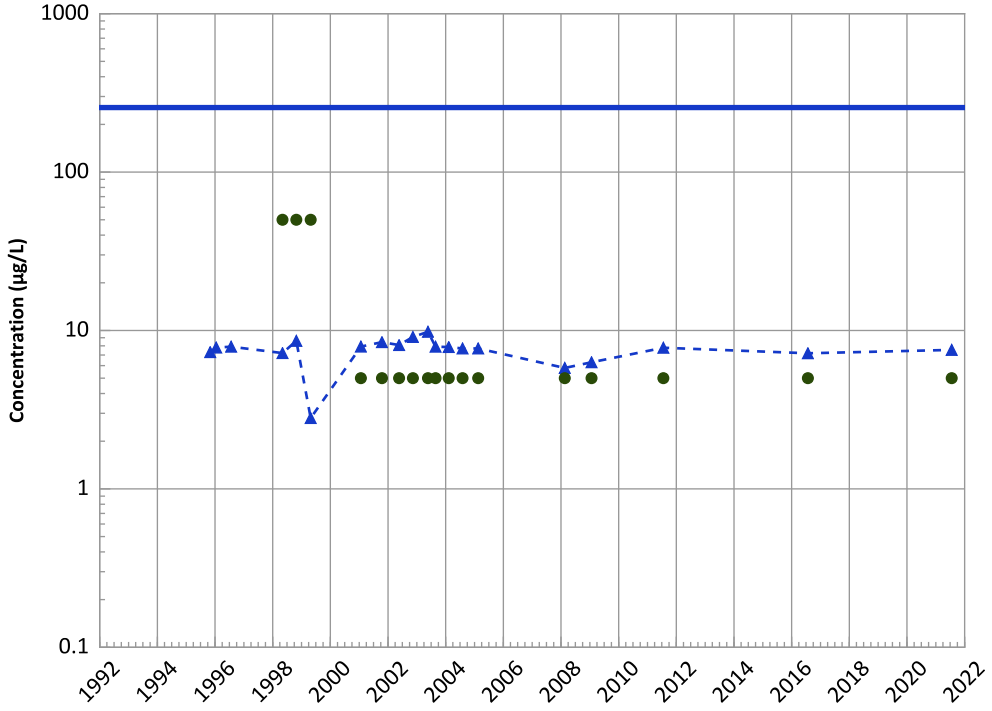
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX08-1010 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

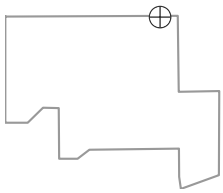
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

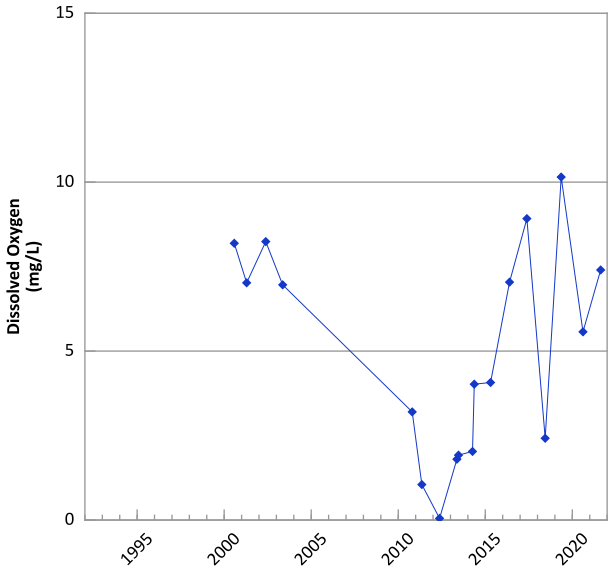
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/01/1995 to 07/21/2021
Analysis Date: 04/05/2022

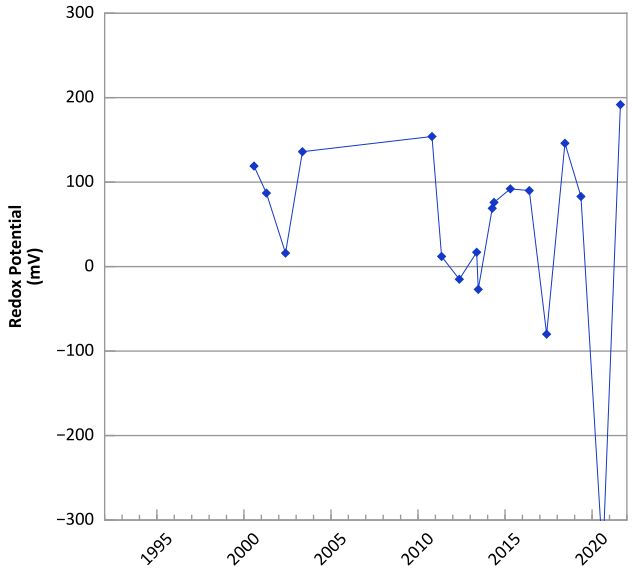
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

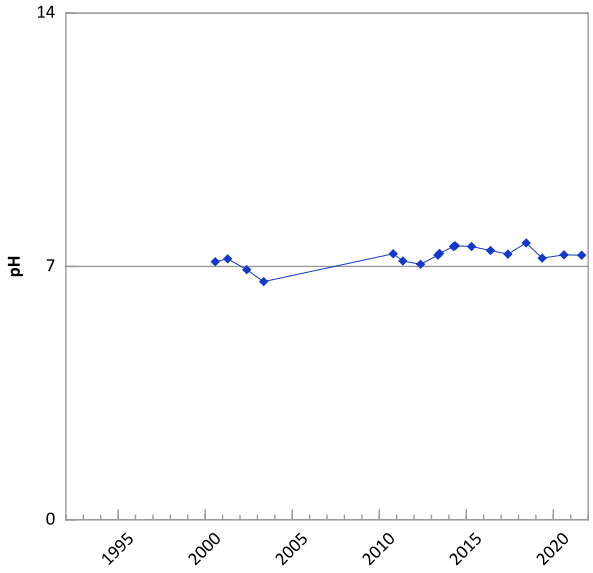
Well Location

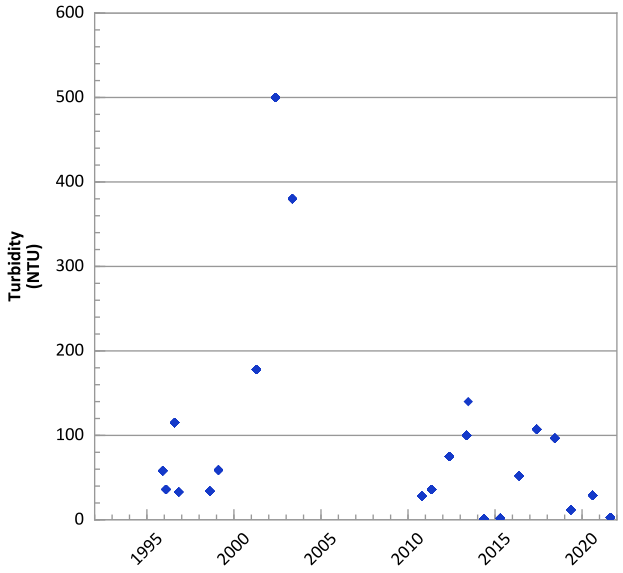


PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



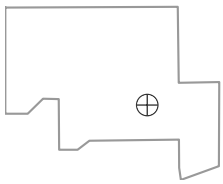






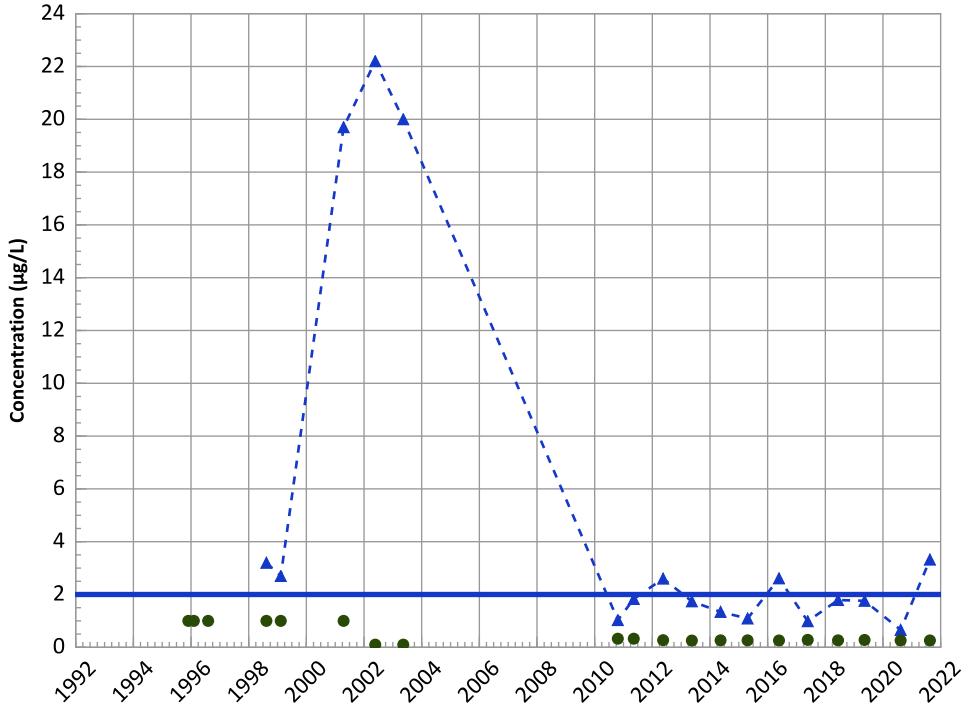
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

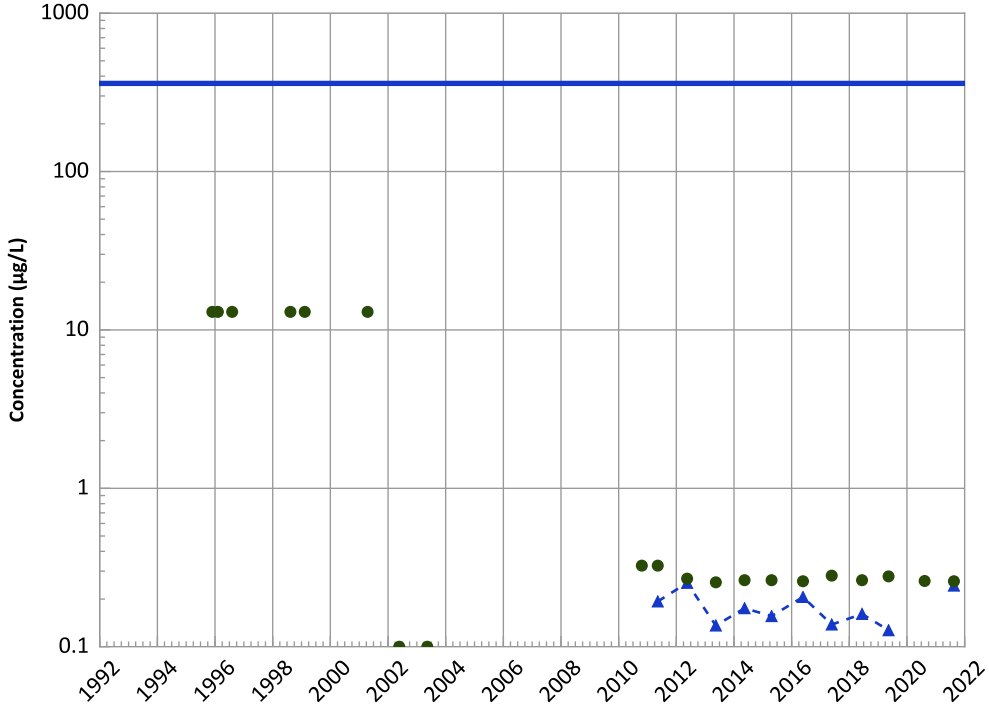


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

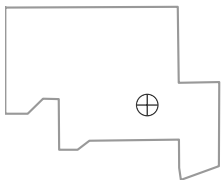
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

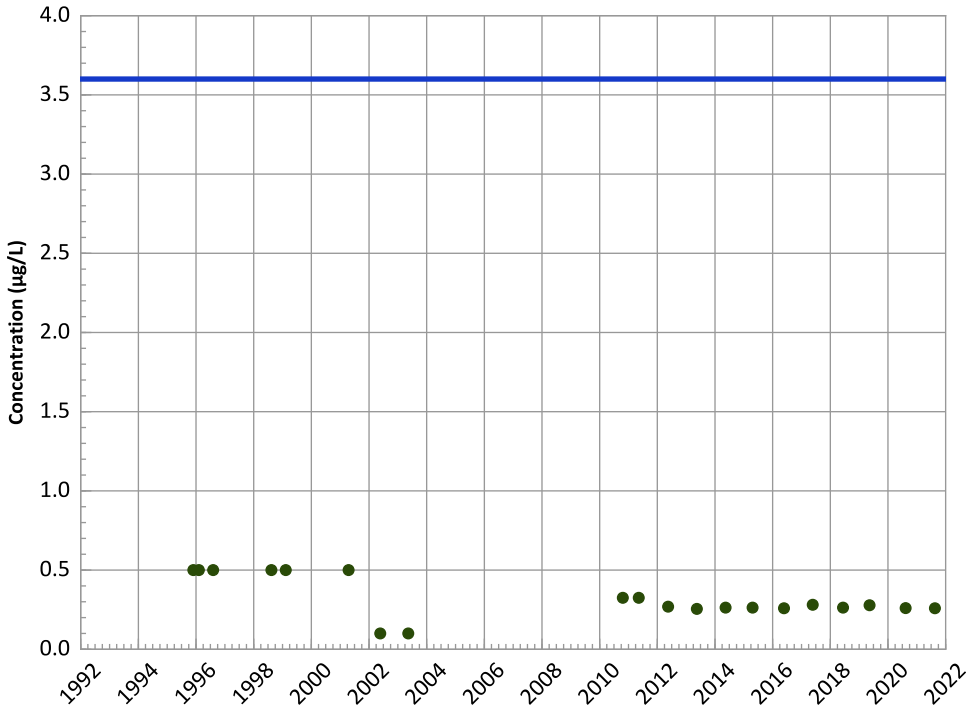
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

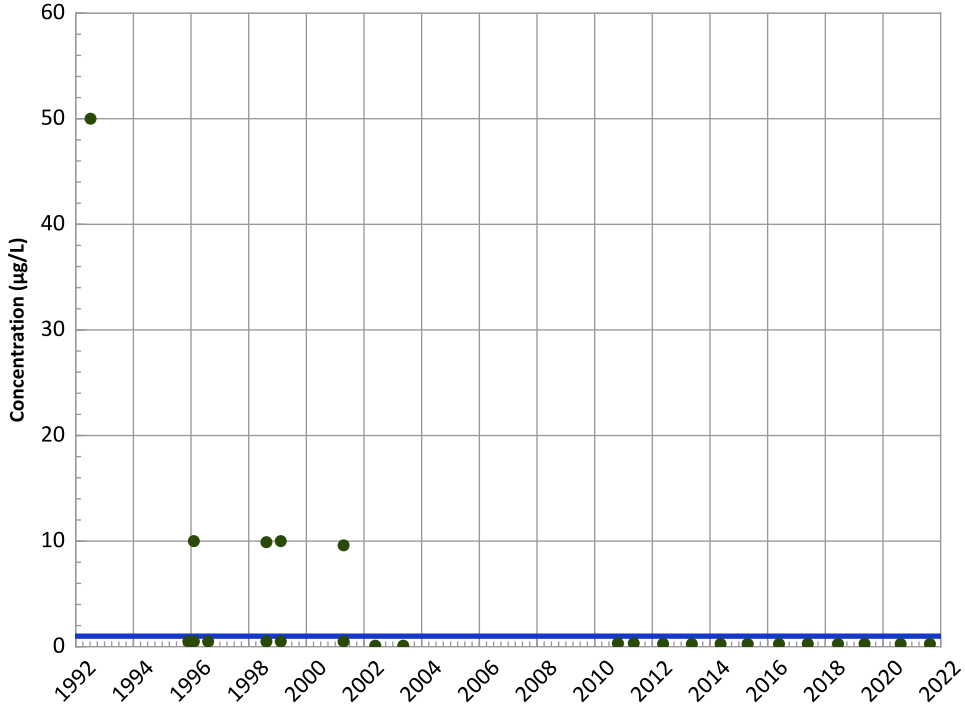


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

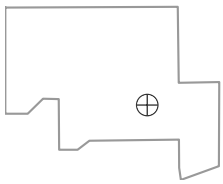
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

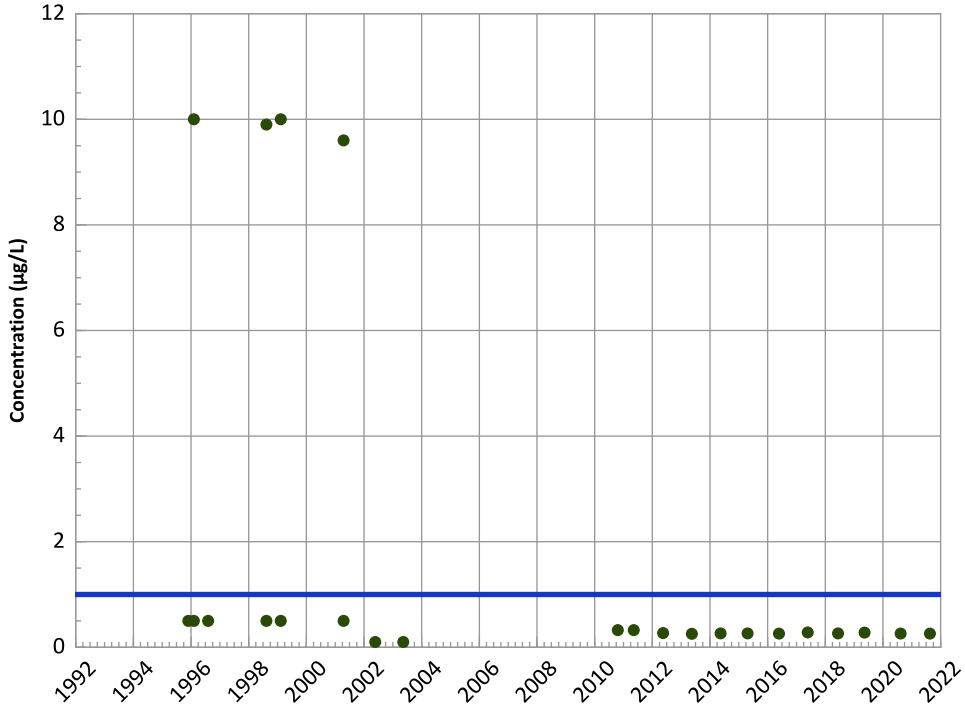
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

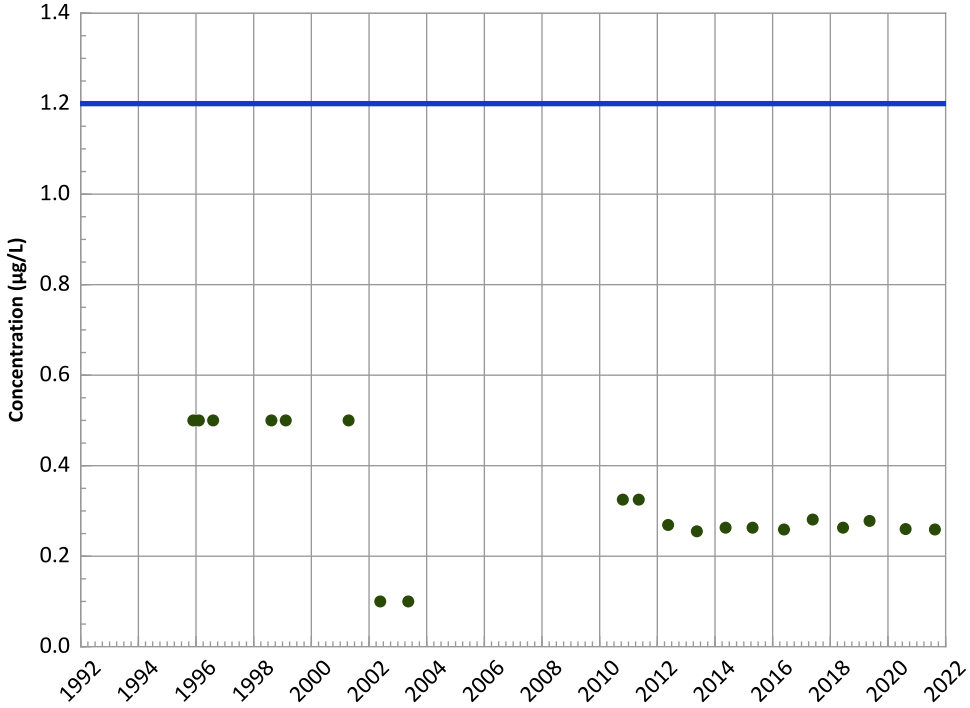


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

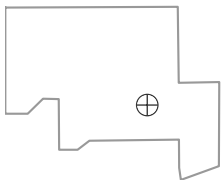
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

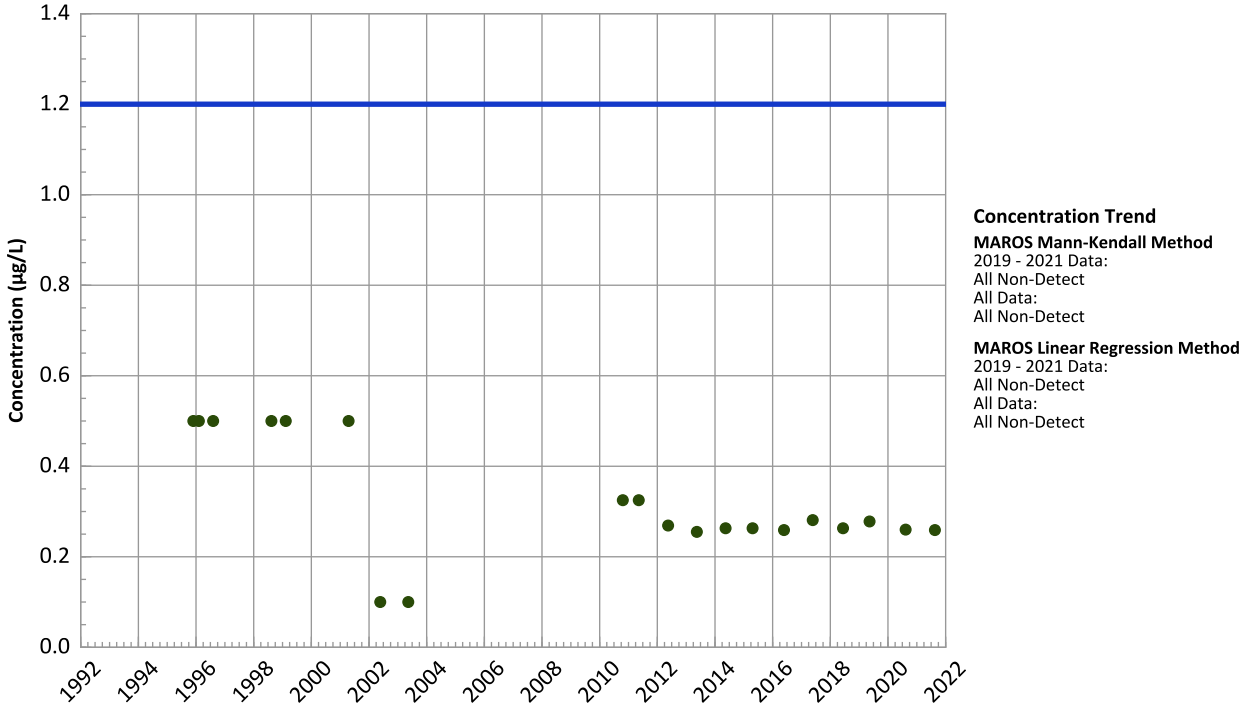
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

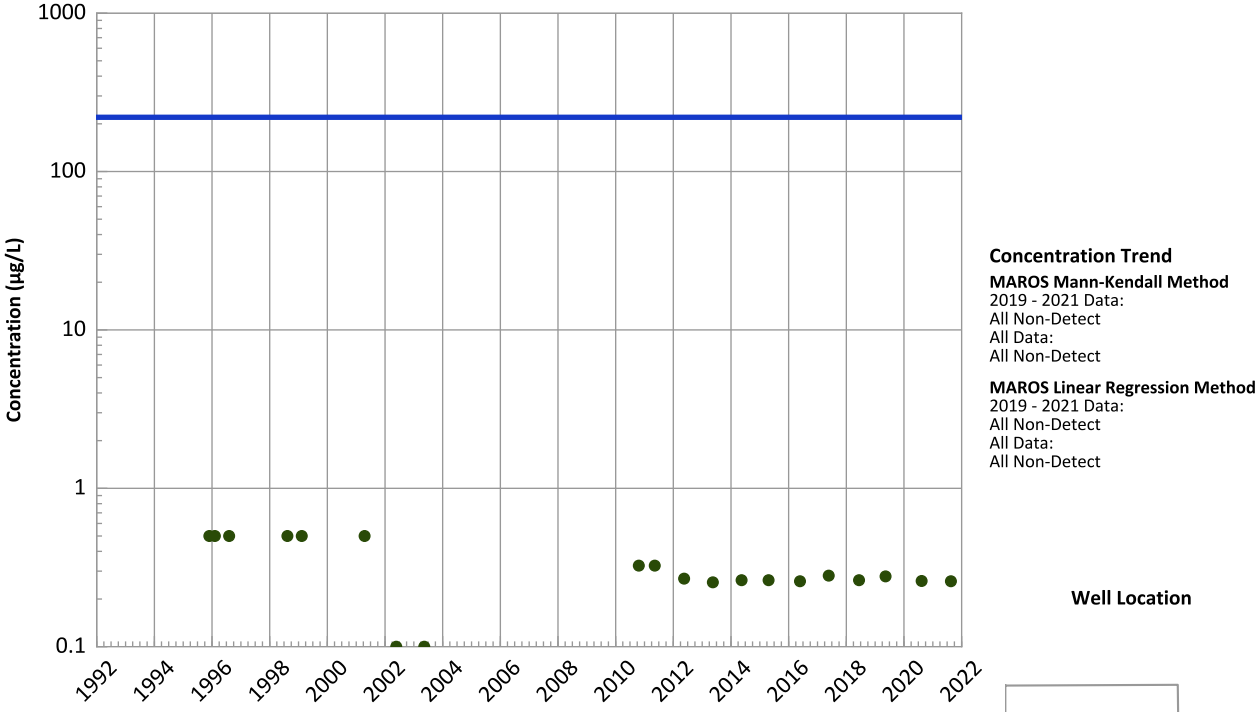


PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



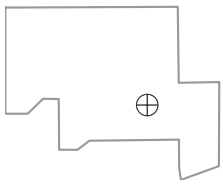
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

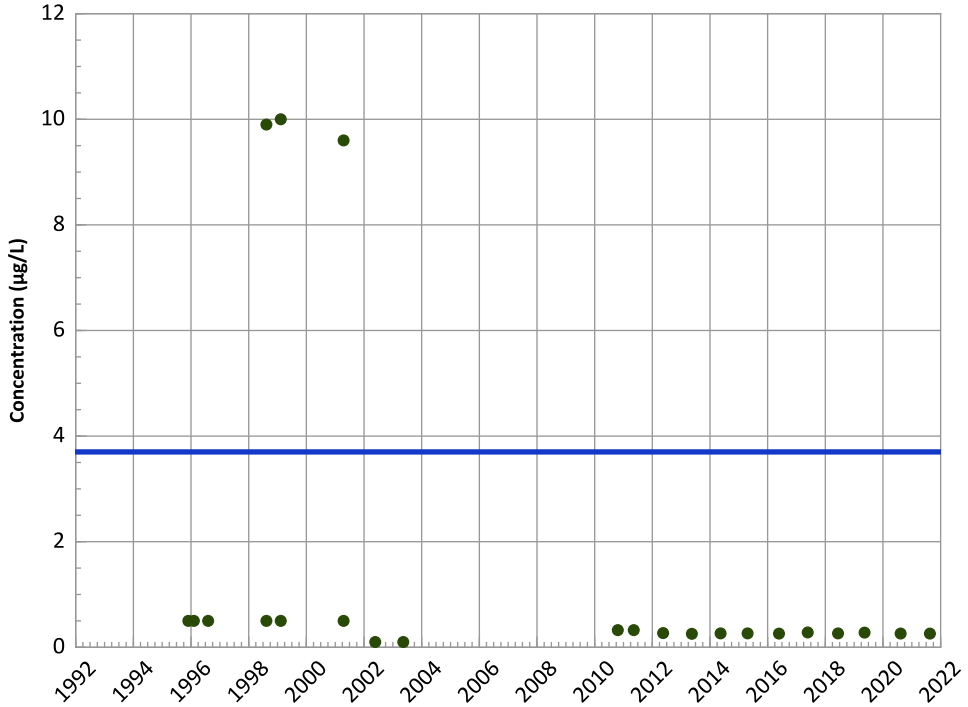
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

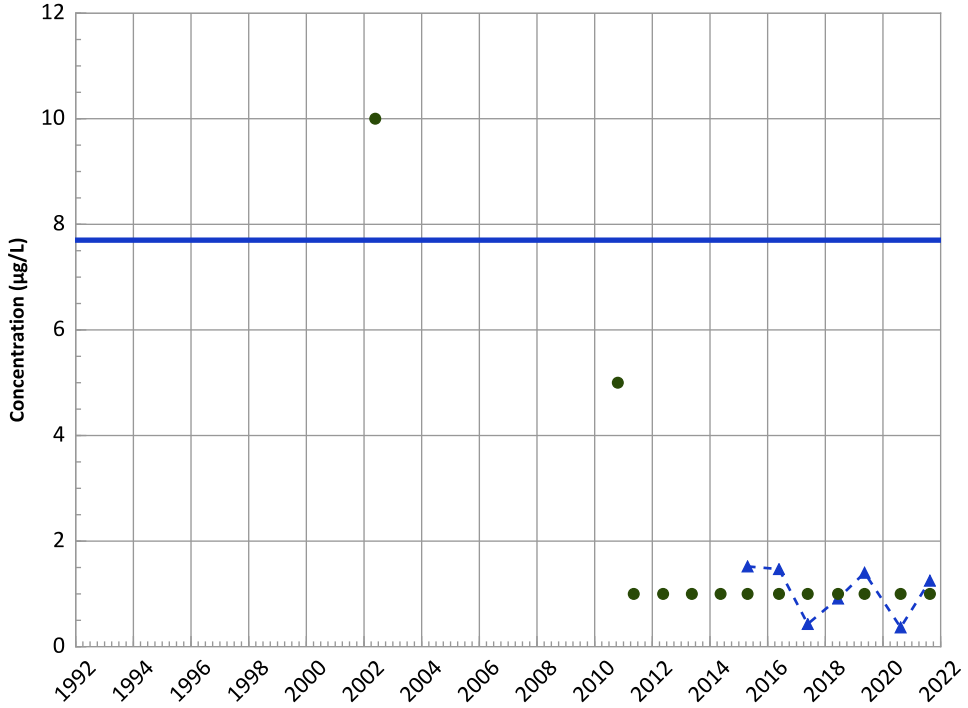


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

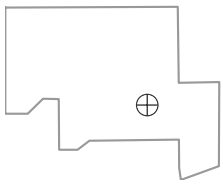
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

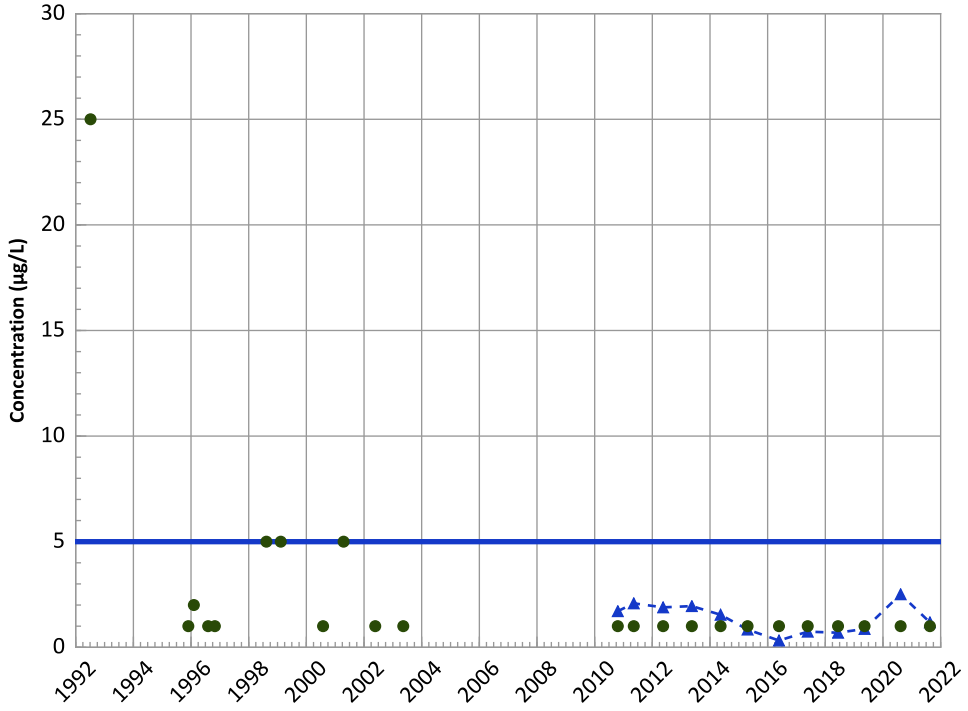
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

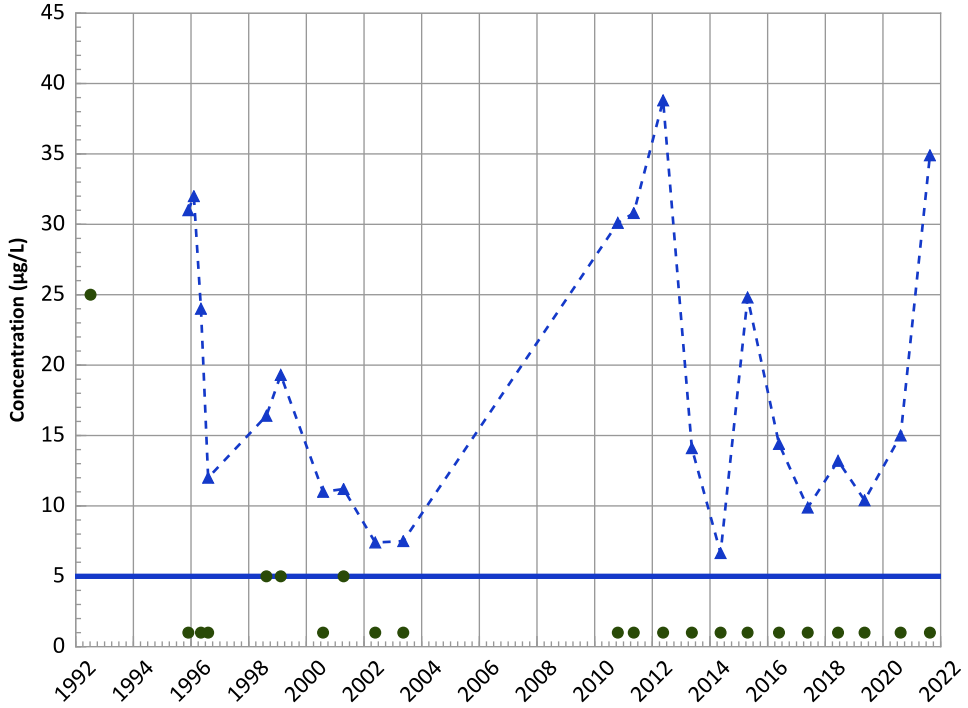


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Stable

Trichloroethene Trend



Concentration Trend

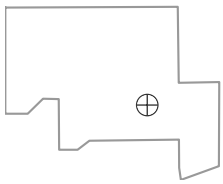
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

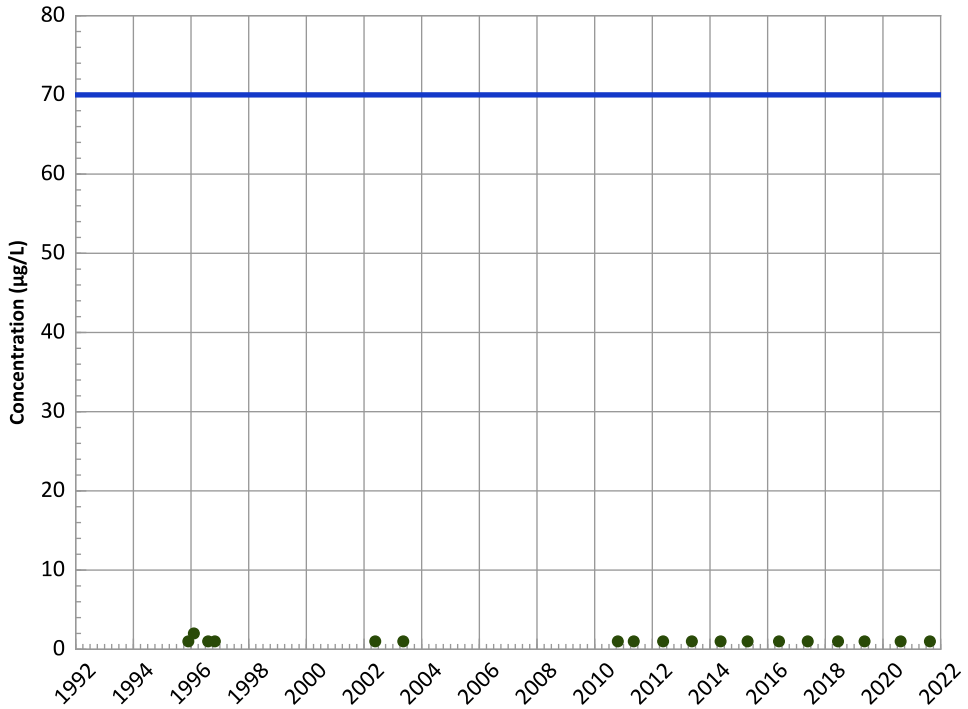
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

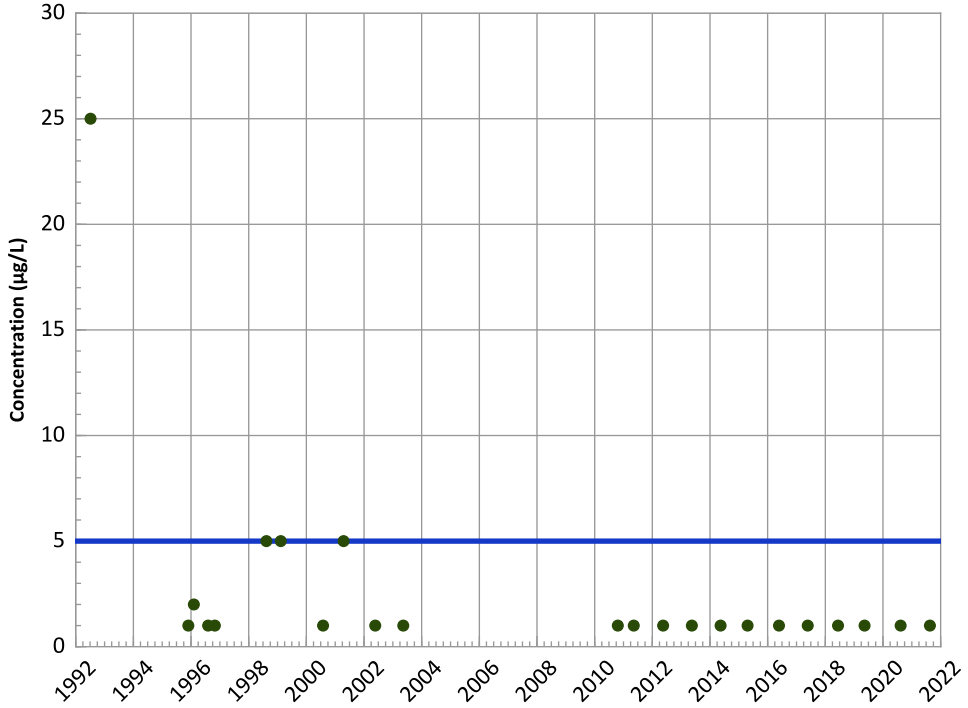


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

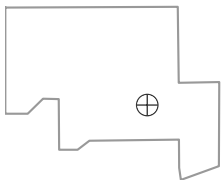
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

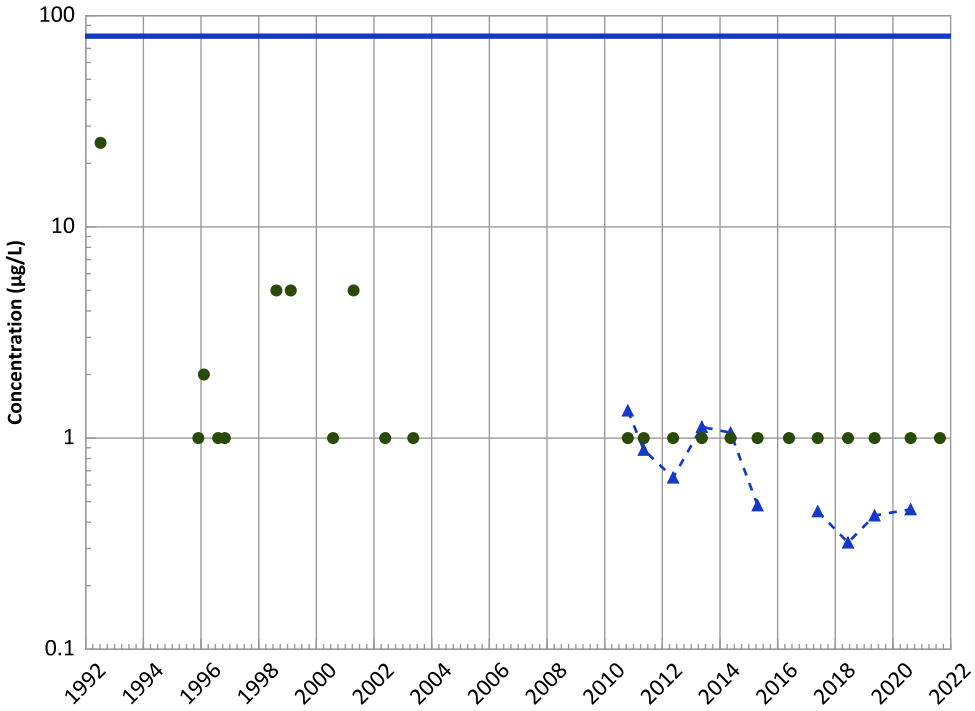
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

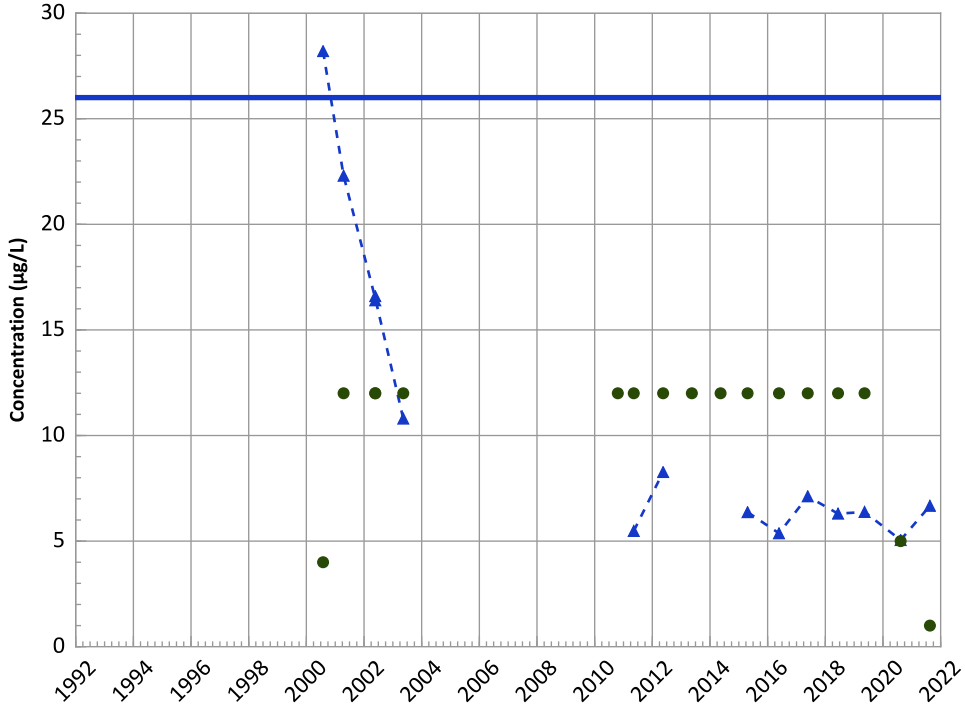


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Perchlorate Trend



Concentration Trend

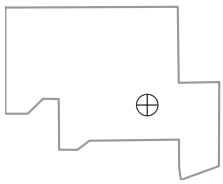
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

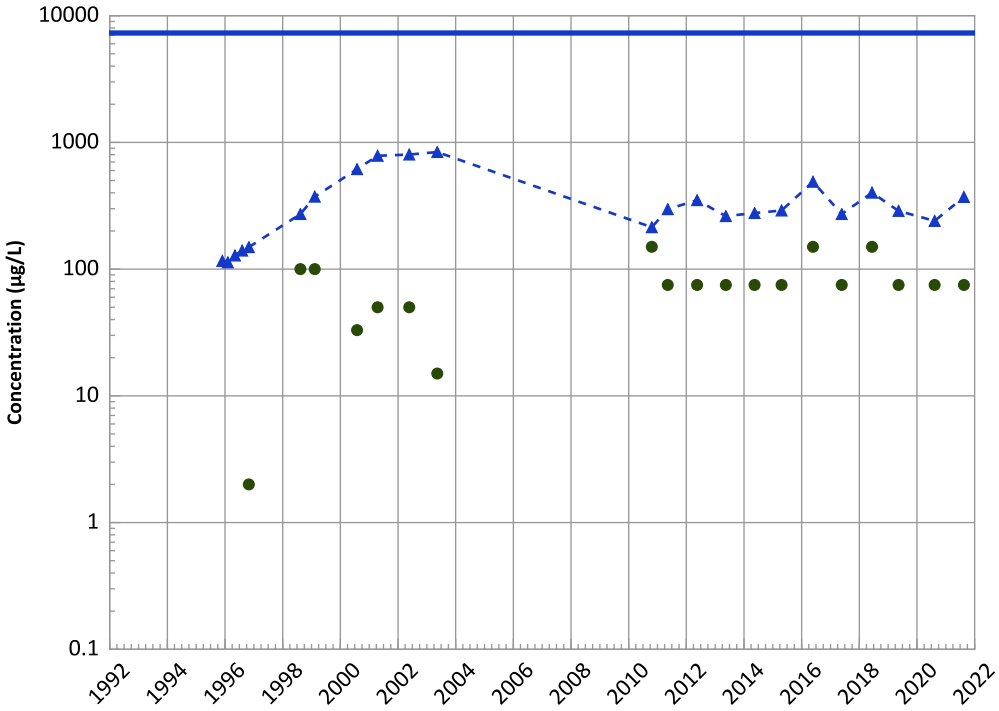
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

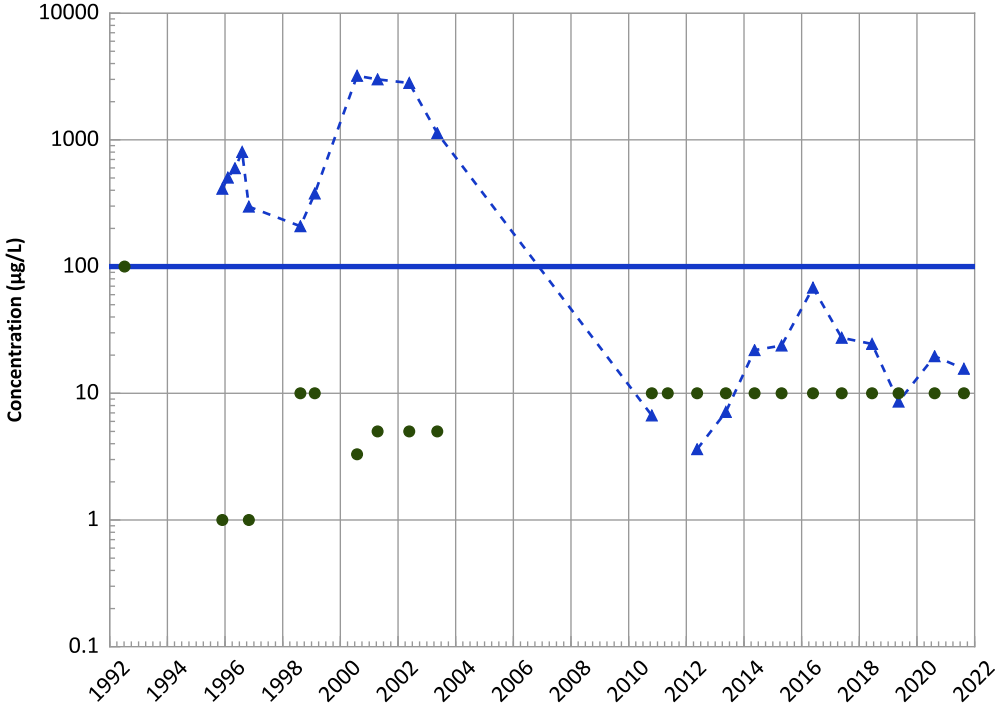


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

Chromium, Total Trend



Concentration Trend

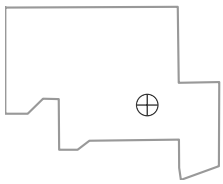
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

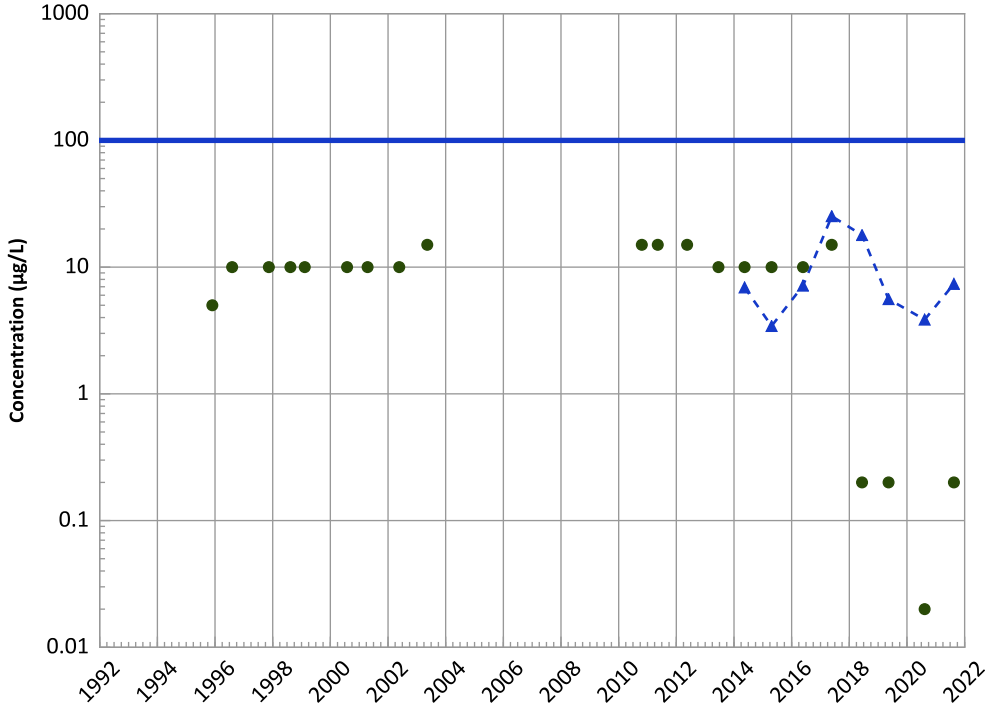
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

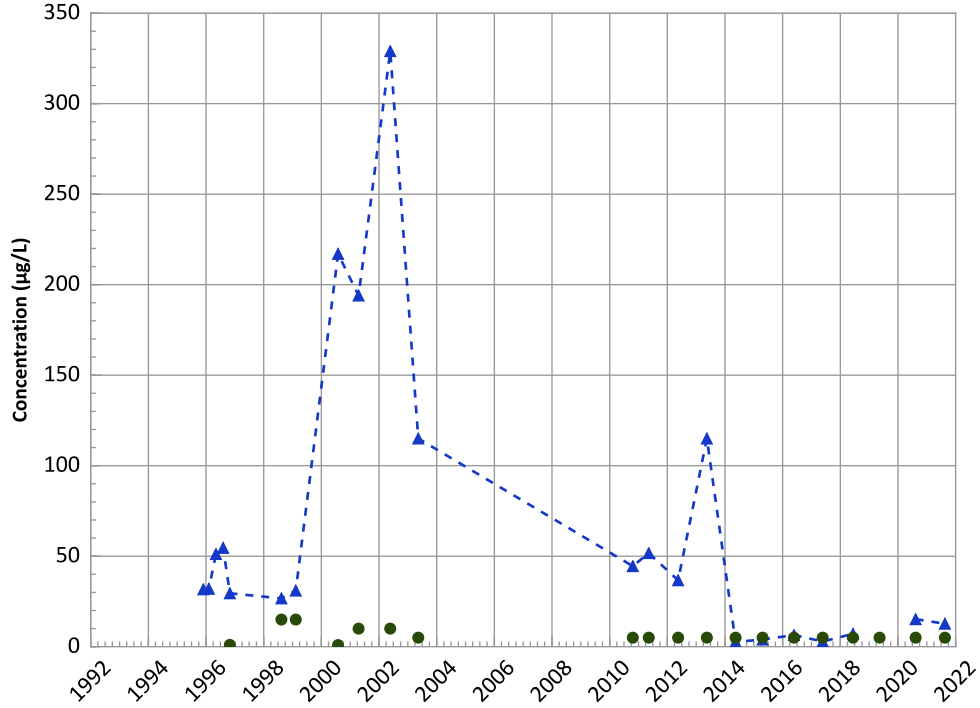


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
Decreasing

Manganese Trend



Concentration Trend

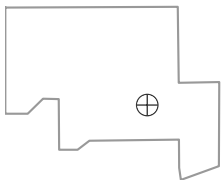
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Increasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

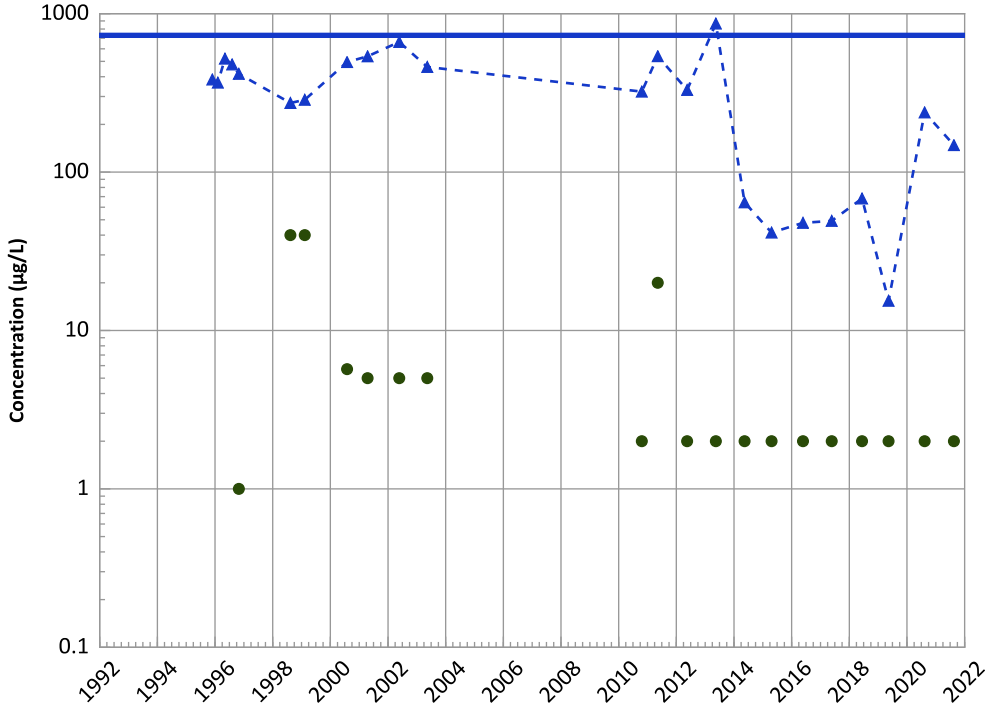
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

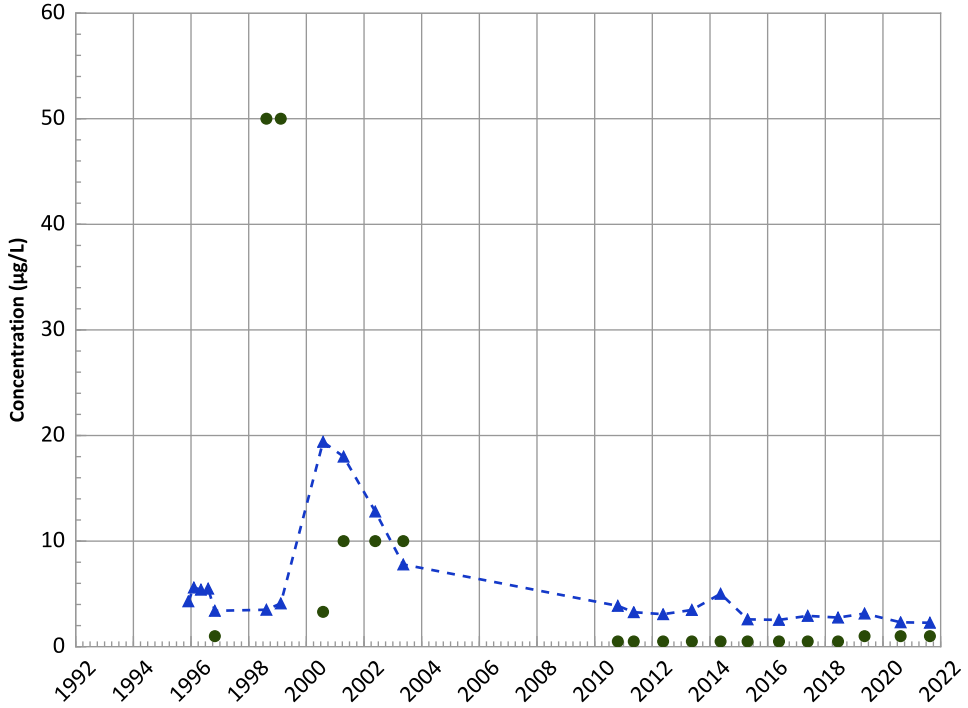


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Molybdenum Trend



Concentration Trend

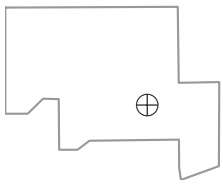
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

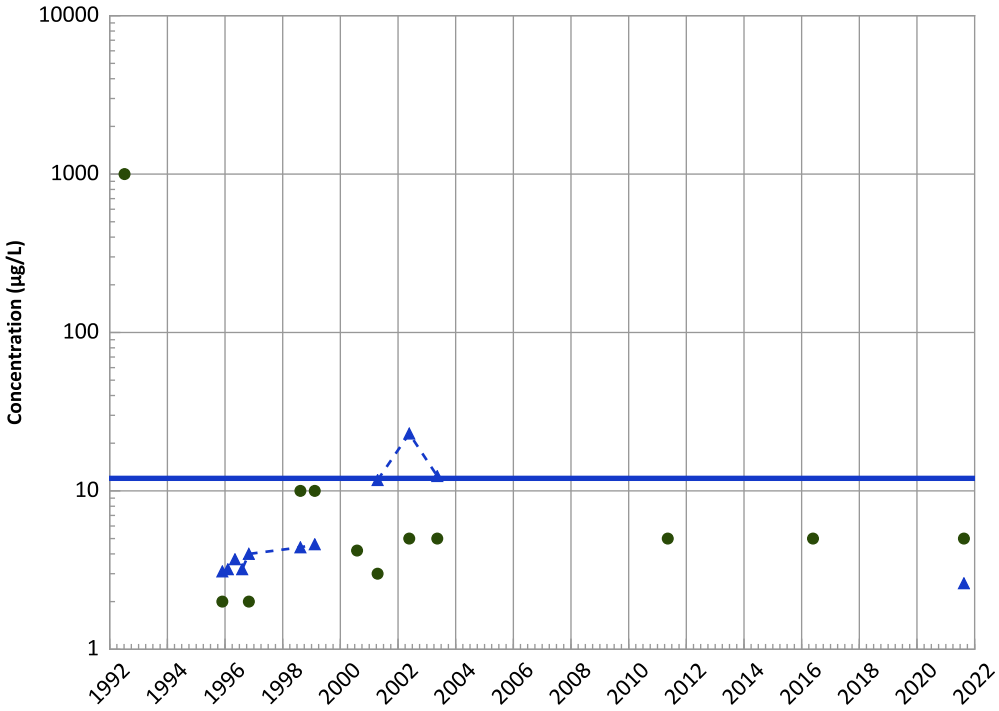
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

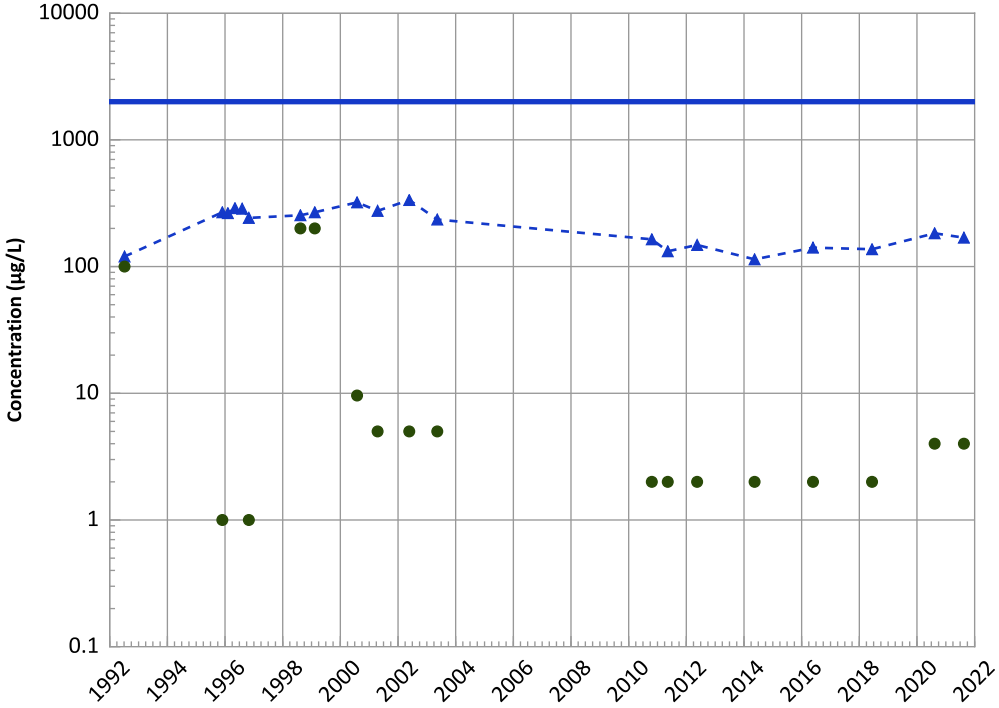


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Barium Trend



Concentration Trend

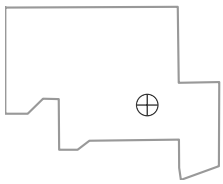
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

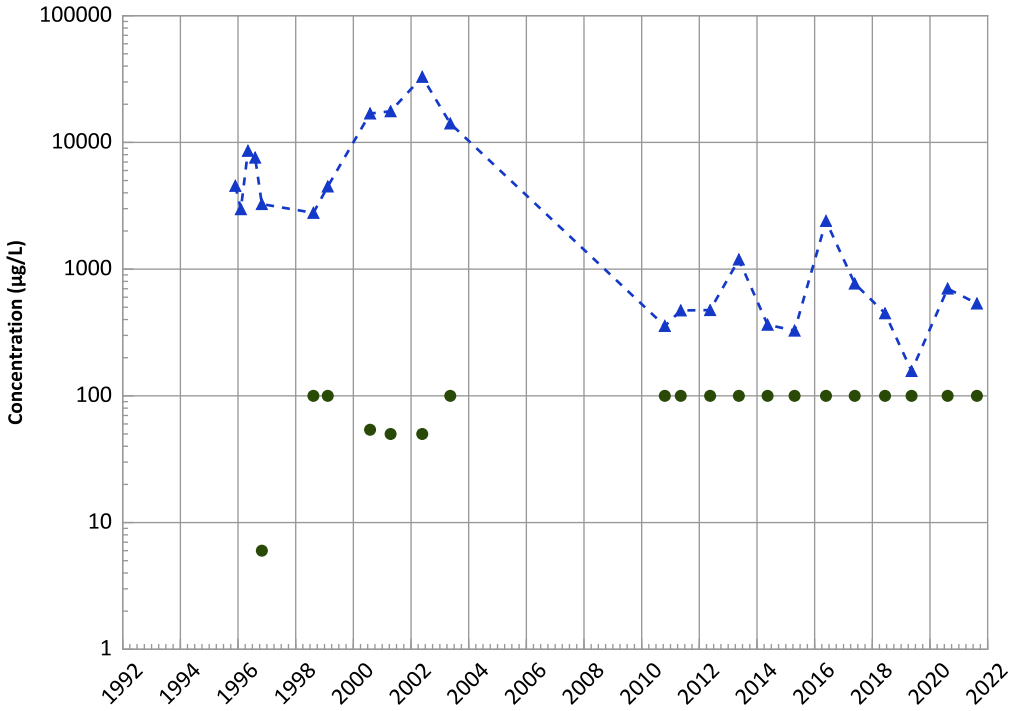
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX10-1014 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

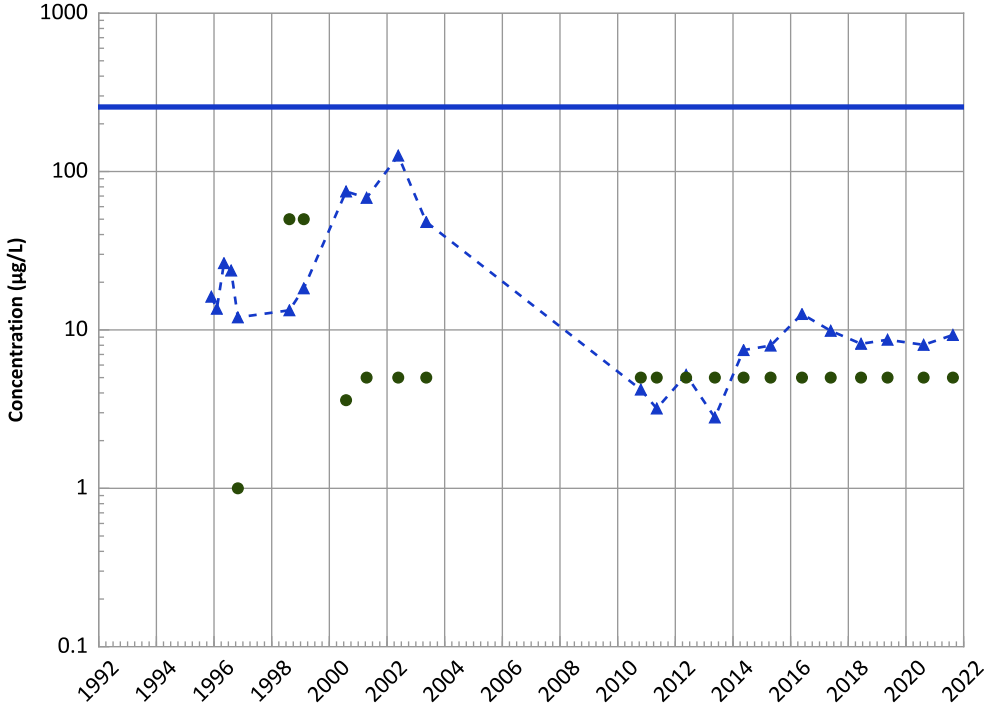


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Vanadium Trend



Concentration Trend

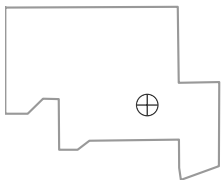
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 07/07/1992 to 08/18/2021
Analysis Date: 04/05/2022

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



ISB Performance Monitoring Well Analyte Concentration Trends

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Well	Easting	Northing	COC	First_Date	Last_Date	NumD_AD	NumND_AD	AllND_AD	CV_AD	LnS_AD	Conf_AD	Trend_AD	NumD_L4S	NumND_L4S	AllND_L4S	CV_L4S	LnS_L4S	Conf_L4S	Trend_L4S	NumD_SSRA	NumND_SSRA	AllND_SSRA	CV_SSRA	LnS_SSRA	Conf_SSRA	Trend_SSRA	NumD_5YRP	NumND_5YRP	AllND_5YRP	CV_5YRP	LnS_5YRP	Conf_5YRP	Trend_5YRP
PTX06-1012	634640.91	3755068.80	RDX	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	HMX	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNT	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT24	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT26	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT2A	11/14/1995	11/10/2021	1	72	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNT4A	11/14/1995	11/10/2021	4	68	No	0.557913143	0.00	0.696381403	Stable	4	0	No	0.557913143	0.00	0.696381403	Stable	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNB135	11/14/1995	11/10/2021	0	73	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNB13	11/14/1995	11/10/2021	0	68	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	MNX	4/1/2009	11/10/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DNX	4/1/2009	11/10/2021	0	43	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	42	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TNX	4/1/2009	11/10/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	43	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	DIOXANE14	8/1/2005	11/10/2021	48	7	No	0.660914797	0.00	1	Increasing	4	0	No	0.078894065	0.00	0.885394287	No Trend	41	2	No	0.562969873	0.00	1	Increasing	16	0	No	0.281831316	0.00	0.999077431	Increasing
PTX06-1012	634640.91	3755068.80	PCE	11/14/1995	11/10/2021	15	54	No	0.372313286	0.00	0.967183394	Decreasing	4	0	No	0.107968583	0.00	0.83199847	Stable	15	28	No	0.372313286	0.00	0.967183394	Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TCE	11/14/1995	11/10/2021	55	17	No	1.642186075	0.00	0.999458511	Decreasing	4	0	No	0.51009142	0.00	0.833887143	Stable	42	0	No	1.434129659	0.00	1	Decreasing	16	0	No	0.449691696	0.00	0.999998806	Decreasing
PTX06-1012	634640.91	3755068.80	DCE12C	11/14/1995	11/10/2021	49	20	No	0.77978434	0.00	0.999922557	Increasing	4	0	No	1.569767155	-0.02	0.999770194	Decreasing	43	0	No	0.648782381	0.00	0.79095155	No Trend	16	0	No	0.526940067	0.00	0.999767957	Decreasing
PTX06-1012	634640.91	3755068.80	DCE12T	10/21/1996	11/10/2021	35	29	No	1.072091752	0.00	0.99999989	Decreasing	4	0	No	0.522038804	0.00	0.697658334	No Trend	35	8	No	1.072091752	0.00	0.99999989	Decreasing	13	3	No	0.407332971	0.00	0.982992923	Decreasing
PTX06-1012	634640.91	3755068.80	DCA12	11/14/1995	11/10/2021	45	23	No	1.103664443	0.00	0.999854635	Decreasing	4	0	No	0.254954862	0.00	0.89086358	Stable	42	1	No	1.046387228	0.00	1	Decreasing	15	1	No	0.408348632	0.00	0.999997969	Decreasing
PTX06-1012	634640.91	3755068.80	TCLME	11/14/1995	11/10/2021	7	61	No	0.513069687	0.00	0.604320086	Stable	4	0	No	0.550481883	0.00	0.695454516	Stable	6	37	No	0.562178856	0.00	0.588187368	Stable	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	VC	11/14/1995	11/10/2021	21	52	No	2.446779296	0.00	0.999710219	Increasing	4	0	No	0.860487417	0.01	0.803417303	No Trend	21	22	No	2.446779296	0.00	0.999710219	Increasing	5	11	No	1.078873676	0.01	0.970611345	Increasing
PTX06-1012	634640.91	3755068.80	PERC	10/23/2000	11/10/2021	19	45	No	0.829472707	0.00	0.983767102	Increasing	4	0	No	0.718744667	-0.01	0.92689418	Probably Decreasing	6	37	No	0.547320561	0.00	0.901866034	Probably Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	B	11/14/1995	3/30/2021	64	0	No	0.559837565	0.00	1	Increasing	4	0	No	0.058385051	0.00	0.82475428	Stable	41	0	No	0.416629559	0.00	1	Increasing	14	0	No	0.114742223	0.00	0.93878365	Probably Increasing
PTX06-1012	634640.91	3755068.80	CR	11/14/1995	3/30/2021	27	43	No	1.65837837	0.00	0.995515333	Decreasing	4	0	No	0.240229192	0.00	0.941305222	Probably Increasing	2	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	14	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	AS	11/14/1995	11/10/2021	40	27	No	0.646366456	0.00	0.99999364	Increasing	4	0	No	0.095629218	0.00	0.587682364	Stable	35	8	No	0.60720745	0.00	1	Increasing	15	1	No	0.355913192	0.00	0.999974167	Increasing
PTX06-1012	634640.91	3755068.80	BA	11/14/1995	11/10/2021	68	1	No	0.554565331	0.00	1	Increasing	4	0	No	0.156739812	0.00	0.662267374	Stable	43	0	No	0.372886238	0.00	0.999994548	Increasing	16	0	No	0.324368688	0.00	0.996294365	Increasing
PTX06-1012	634640.91	3755068.80	FE	11/14/1995	11/10/2021	57	12	No	1.524113109	0.00	0.815794306	No Trend	4	0	No	0.583211844	0.00	0.789613009	Stable	33	10	No	0.814961397	0.00	0.999329996	Increasing	15	1	No	0.738239322	0.00	0.997530697	Increasing
PTX06-1012	634640.91	3755068.80	MN	11/14/1995	11/10/2021	57	11	No	2.930381603	0.00	0.996125444	Decreasing	4	0	No	0.610944986	0.00	0.566855959	Stable	43	0	No	0.587227611	0.00	0.996833885	Increasing	16	0	No	0.471645459	0.00	0.559770296	No Trend
PTX06-1012	634640.91	3755068.80	MO	11/14/1995	3/30/2021	64	2	No	0.526821707	0.00	0.977041462	Decreasing	4	0	No	0.17221094	0.00	0.518300593	Stable	40	1	No	0.496870325	0.00	0.922785494	Probably Increasing	14	0	No	0.211109144	0.00	0.989468094	Increasing
PTX06-1012	634640.91	3755068.80	NI	11/14/1995	3/30/2021	32	33	No	2.136792346	0.00	0.999984482	Decreasing	4	0	No	0.440580309	0.00	0.587921492	No Trend	17	24	No	0.655033888	0.00	0.998258977	Increasing	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1012	634640.91	3755068.80	V	11/14/1995	3/30/2021	13	48	No	0.502707841	0.00	0.967738223	Decreasing	4	0	No	0.833641921	0.01	0.9494628	Probably Increasing	1	40	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	14	No	0	0.00	0	All Non-Detect
PTX06-1012	634640.91	3755068.80	TOC	11/14/1995	11/10/2021	53	8	No	1.446731052	0.00	0.999999199	Increasing	4	0	No	0.297013066	0.00	0.948353117	Probably Decreasing	41	2	No	1.213635752	0.00	0.644243748	No Trend	16	0	No	0.354311327	0.00	0.904712303	Probably Increasing
PTX06-1012	634640.91	3755068.80	TVFA	9/8/2009	11/12/2019	38	1	No	1.992400617	0.00	0.99941505	Decreasing	4	0	No	0.576338713	0.00	0.871758316	Stable	38	1	No	1.992400617	0.00	0.99941505	Decreasing	11	1	No	1.310645895	0.00	0.621732166	No Trend
PTX06-1037	641549.25	3752194.06	RDX	8/25/1998	8/3/2021	26	24	No	1.49821734	0.00	0.999999999	Decreasing	4	0	No	0.413854237	0.00	0.57015655	Stable	17	24	No	2.188136539	0.00	0.999942571	Decreasing	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	HMX	8/25/1998	8/3/2021	19	32	No	1.442527153	0.00	0.999999335	Decreasing	4	0	No	0.177664363	0.00	0.934602675	Probably Decreasing	13	28	No	1.962092749	0.00	0.999981627	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNT	8/25/1998	8/3/2021	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT24	8/25/1998	8/3/2021	0	52	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT26	8/25/1998	8/3/2021	1	51	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT2A	8/25/1998	8/3/2021	8	43	No	1.136003315	0.00	0.930211792	Probably Decreasing	4	0	No	1.036520399	0.00	0.993045579	Decreasing	4	37	No	1.036520399	0.00	0.980914322	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNT4A	8/25/1998	8/3/2021	10	41	No	0.432371986	0.00	0.979256682	Increasing	4	0	No	0.129911146	0.00	0.579636593	Stable	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNB135	8/25/1998	8/3/2021	2	50	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNB13	8/25/1998	8/3/2021	0	51	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	41	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	MNX	8/4/2009	8/3/2021	9	32	No	1.355309314	0.00	0.999999335	Decreasing	4	0	No	0.612338166	0.00	0.964857869	Decreasing	9	32	No	1.355309314	0.00	0.999999335	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DNX	8/4/2009	8/3/2021	11	29	No	1.552213522	0.00	0.999910925	Decreasing	4	0	No	0.556511825	0.00	0.986336185	Decreasing	11	29	No	1.552213522	0.00	0.999910925	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TNX	8/4/2009	8/3/2021	27	14	No	2.456030438	0.00	0.999999996	Decreasing	4	0	No	0.401335231	0.00	0.634791973	Stable	27	14	No	2.456030438	0.00	0.999999996	Decreasing	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	PCE	8/25/1998	8/3/2021	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCE	8/25/1998	8/3/2021	17	33	No	0.540730089	0.00	1	Decreasing	4	0	No	0.157088244	0.00	0.850043231	Stable	9	30	No	0.56424889	0.00	0.999914423	Decreasing	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCE12C	2/20/2002	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCE12T	2/20/2002	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	DCA12	8/25/1998	8/3/2021	5	44	No	0.312050891	0.00	0.954345891	Decreasing	4	0	No	0.362206935	0.00	0.820633814	Stable	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	TCLME	8/25/1998	8/3/2021	0	49	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	VC	8/25/1998	8/3/2021	0	50	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	39	No	0	0.00	0	All Non-Detect	0	12	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	B	3/20/2001	5/26/2021	43	0	No	0.143554899	0.00	0.992709032	Decreasing	4	0	No	0.279588503	0.00	0.955342967	Decreasing	36	0	No	0.146216873	0.00	0.739418703	Stable	9	0	No	0.220030702	0.00	0.526910474	No Trend
PTX06-1037	641549.25	3752194.06	CR	3/20/2001	8/3/2021	10	36	No	0.809326339	0.00	0.997664365	Decreasing	4	0	No	1.133741251	0.00	0.962292271	Decreasing	2	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	11	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	CR-6	3/20/2001	8/3/2021	12	32	No	0.892712426	0.00	0.998987099	Decreasing	4	0	No	0.234866703	0.00	0.593593146	No Trend	4	32	No	0.234866703	0.00	0.636598683	No Trend	0	10	No	0	0.00	0	All Non-Detect
PTX06-1037	641549.25	3752194.06	AS	3/20/2001	8/3/2021	45	0	No	1.303034308	0.00	0.999999999	Increasing	4	0	No	0.516562403	0.00	0.861743069	Stable	38	0	No	1.177617559	0.00	0.999964895	Increasing	11	0	No	0.955539475	0.00	0.998009179	Decreasing
PTX06-1037	641549.25	3752194.06	BA	3/20/2001	8/3/2021	46	0	No	0.63359416	0.00	1	Increasing	4	0	No	0.06185567	0.00	0.628275781	Stable	38	0	No	0.471452809	0.00	1	Increasing	11	0	No	0.077215543	0.00	0.7598425	No Trend
PTX06-1037	641549.25	3752194.06	FE	3/20/2001	8/3/2021	46	0	No	1.098311991	0.00	0.999999723	Increasing	4	0	No	0.754266795	0.00	0.876028707	Stable	38	0	No	0.958868122	0.00	0.999942586	Increasing	11	0	No	0.634091015	0.00	0.999537982	Decreasing
PTX06-1037	641549.25	3752194.06	MN	3/20/2001	8/3/2021	46	0	No	0.759415454	0.00	1	Increasing	4	0	No	0.194221249	0.00	0.587782392	Stable	38	0	No	0.552236111	0.00	0.987984023	Increasing	11	0	No	0.271614879	0.00	0.999411873	Decreasing
PTX06-1037	641549.25	3752194.06	MO	3/20/2001	5/26/2021	42	2	No	1.041974592	0.00	0.999826491	Increasing	4	0	No	0.404739449	0.00	0.560134923	No Trend	34	2	No	1.045331535	0.00	0.999938499	Increasing	9	0	No	1.043706189	0.00	0.518171151	No Trend
PTX06-1037	641549.25	3752194.06	NI	3/20/2001	5/26/2021	40	4	No	1.018617343	0.00	0.851475742	No Trend	4	0	No	0.686171419	0.00	0.531491095	Stable	35	1	No	1.022394053	0.00	0.810926332	No Trend	8	1	No	0.983956306	0.00	0.506851552	No Trend
PTX06-1037	641549.25	3752194.06	V	3/20/2001	5/26/2021	21	21	No	0.49054522	0.00	0.997257891	Decreasing	4	0	No	0.682672645	0.00	0.925341084	Probably Increasing	14	21	No	0.493427842	0.00	0.998370104	Increasing	1	8	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1037	641549.25	3752194.06	TOC	5/10/2004	8/3/2021	39	0	No	0.716991712	0.00	0.999324544	Increasing	4	0	No	0.274410945	0.00	0.613901667	No Trend	37	0	No	0.680313946	0.00	0.980735029	Increasing	10	0	No	0.486026011	0.00	0.99915899	Decreasing
PTX06-1037	641549.25	3752194.06	TVFA	8/4/2009	10/23/2019	34	1	No	2.367884112	0.00	0.999947327	Decreasing	4	0	No	1.447533162	0.00	0.640452369	No Trend	34	1	No	2.367884112	0.00	0.999947327	Decreasing	8	0	No	1.334090218	0.00	0.637893878	No Trend
PTX06-1045	642697.65	3752300.00	RDX	9/12/2000	5/26/2021	20	0	No	0.590377498	0.00	0.999998162	Decreasing	4	0	No	1.061391082	-0.01	0.995111291	Decreasing	6	0	No	1.500826856	0.00	0.999169324	Decreasing	4	0	No	1.061391082	0.00	0.962313031	Decreasing
PTX06-1045	642697.65	3752300.00	HMX	9/12/2000	5/26/2021	14	5	No	0.93055031	0.00	0.999809914	Decreasing	4	0	No	0.830528508	0.00	0.99443682	Decreasing	6	0	No	1.519207553	0.00	0.999669684	Decreasing	4	0	No	0.830528508	0.00	0.972499822	Decreasing
PTX06-1045	642697.65	3752300.00	TNT	9/12/2000	5/26/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT24	9/12/2000	5/26/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT26	9/12/2000	5/26/2021	3	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT2A	9/12/2000	5/26/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNT4A	9/12/2000	5/26/2021	12	7	No	0.703584576	0.00	0.941997892	Probably Decreasing	4	0	No	1.135768701	-0.01	0.934110394	Probably Decreasing	3	3	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	TNB135	9/12/2000	5/26/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNB13	9/12/2000	5/26/2021	2	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	MNX	8/3/2009	5/26/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DNX	8/3/2009	5/26/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	TNX	8/3/2009	5/26/2021	6	0	No	1.518302647	0.00	0.999519859	Decreasing	4	0	No	0.948910145	0.00	0.947371233	Probably Decreasing	6	0	No	1.518302647	0.00	0.999519859	Decreasing	4	0	No	0.948910145	0.00	0.979237323	Decreasing
PTX06-1045	642697.65	3752300.00	PCE	9/12/2000	5/26/2021	1	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	TCE	9/12/2000	5/26/2021	6	14	No	1.152082278	0.00	0.606592745	No Trend	4	0	No	1.182710401	0.00	0.604469261	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	DCE12C	10/24/2001	5/26/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DCE12T	10/24/2001	5/26/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	DCA12	9/12/2000	5/26/2021	9	10	No	0.586505679	0.00	0.995572731	Decreasing	4	0	No	0.99560224	-0.01	0.885109136	Stable	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	TCLME	9/12/2000	5/26/2021	2	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	VC	9/12/2000	5/26/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	B	9/12/2000	5/26/2021	19	0	No	0.509483546	0.00	0.998302995	Decreasing	4	0	No	0.443854484	0.00	0.951572437	Decreasing	6	0	No	0.965895566	0.00	0.999322394	Decreasing	4	0	No	0.443854484	0.00	0.852495694	Stable
PTX06-1045	642697.65	3752300.00	CR	9/12/2000	5/26/2021	16	4	No	1.514077522	0.00	0.963907845	Increasing	4	0	No	0.781271056	0.00	0.796059029	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	CR-6	9/12/2000	5/26/2021	8	11	No	0.821728482	0.00	0.995725149	Decreasing	4	0	No	0.432861261	0.00	0.834592272	Stable	4	2	No	0.432861261	0.00	0.988404277	Decreasing	4	0	No	0.432861261	0.00	0.988404277	Decreasing
PTX06-1045	642697.65	3752300.00	AS	9/12/2000	5/26/2021	14	5	No	0.633394882	0.00	0.676946252	No Trend	4	0	No	0.860646092	0.01	0.864268511	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	BA	9/12/2000	5/26/2021	20	0	No	0.398095465	0.00	0.999929322	Increasing	4	0	No	0.302839083	0.00	0.977720161	Decreasing	6	0	No	0.392801148	0.00	0.953226727	Increasing	4	0	No	0.302839083	0.00	0.907582946	Probably Decreasing
PTX06-1045	642697.65	3752300.00	FE	9/12/2000	5/26/2021	19	1	No	1.820809277	0.00	0.819625286	No Trend	4	0	No	0.346139981	0.00	0.62341584	No Trend	6	0	No	0.425470956	0.00	0.613790385	Stable	4	0	No	0.346139981	0.00	0.763169446	No Trend
PTX06-1045	642697.65	3752300.00	MN	9/12/2000	5/26/2021	19	1	No	1.779867049	0.00	0.642681166	No Trend	4	0	No	0.163007797	0.00	0.57738235	Stable	5	1	No	0.370636685	0.00	0.843265517	Stable	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	MO	9/12/2000	5/26/2021	18	1	No	0.953110802	0.00	0.585894736	Stable	4	0	No	0.468606843	0.00	0.519245639	No Trend	5	1	No	1.1706861	0.00	0.902914781	Probably Decreasing	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1045	642697.65	3752300.00	NI	9/12/2000	5/26/2021	8	11	No	0.66262624	0.00	0.776531566	No Trend	4	0	No	0.630627923	0.00	0.670220717	No Trend	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect
PTX06-1045	642697.65	3752300.00	V	9/12/2000	5/26/2021	17	0	No	0.430352159	0.00	0.675240478	Stable	4	0	No	0.123538982	0.00	0.846147393	Stable	6	0	No	0.635584058	0.00	0.969397925	Decreasing	4	0	No	0.123538982	0.00	0.677140452	Stable
PTX06-1045	642697.65	3752300.00	TOC	9/12/2000	5/26/2021	16	0	No	0.250473034	0.00	0.673387136	Stable	4	0	No	0.243469454	0.00	0.985601491	Increasing	6	0	No	0.337208002	0.00	0.619847108	Stable	4	0	No	0.243469454	0.00	0.86996119	No Trend
PTX06-1045	642697.65	3752300.00	TVFA	8/3/2009	10/22/2019	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	RDX	3/8/2007	6/23/2021	2	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	19	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	HMX	3/8/2007	6/23/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNT	3/8/2007	6/23/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT24	3/8/2007	6/23/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT26	3/8/2007	6/23/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT2A	5/17/2007	6/23/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNT4A	3/8/2007	6/23/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNB135	3/8/2007	6/23/2021	0	27	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNB13	5/6/2008	6/23/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	MNX	3/8/2007	6/23/2021	2	24	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	21	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DNX	3/8/2007	6/23/2021	0	25	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TNX	3/8/2007	6/23/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	21	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	PCE	5/6/2008	6/23/2021	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	TCE	3/8/2007	6/23/2021	16	11	No	0.360212687	0.00	1	Decreasing	4	0	No	0.184744799	0.00	0.972221347	Increasing	12	10	No	0.351995328	0.00	0.997840874	Increasing	8	0	No	0.318971522	0.00	0.946527077	Probably Increasing
PTX06-1098	640266.14	3753628.43	DCE12C	3/8/2007	6/23/2021	27	0	No	0.63119757	0.00	0.680221345	Stable	4	0	No	0.288219711	0.00	0.912958647	Probably Decreasing	22	0	No	0.573841877	0.00	0.999845289	Decreasing	8	0	No	0.350484707	0.00	0.998505761	Decreasing
PTX06-1098	640266.14	3753628.43	DCE12T	3/8/2007	6/23/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	21	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	DCA12	5/6/2008	6/23/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	21	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TCLME	5/6/2008	6/23/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	21	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	VC	3/8/2007	6/23/2021	0	26	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	21	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	B	3/8/2007	6/23/2021	27	0	No	0.445298791	0.00	0.999999988	Decreasing	4	0	No	0.133814559	0.00	0.945935346	Probably Decreasing	22	0	No	0.340014957	0.00	0.999993558	Decreasing	8	0	No	0.164711958	0.00	0.658167868	Stable
PTX06-1098	640266.14	3753628.43	CR	3/8/2007	6/23/2021	2	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	20	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1098	640266.14	3753628.43	CR-6	3/8/2007	6/23/2021	10	15	No	1.110922059	0.00	0.979902232	Decreasing	4	0	No	0.851818903	0.00	0.954622868	Decreasing	9	12	No	0.635486232	0.00	0.890390825	Stable	0	7	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	AS	3/8/2007	6/23/2021	27	0	No	0.572337882	0.00	0.973401512	Decreasing	4	0	No	0.219746131	0.00	0.817000529	No Trend	22	0	No	0.508895942	0.00	0.674129242	No Trend	8	0	No	0.253610655	0.00	0.614660332	No Trend
PTX06-1098	640266.14	3753628.43	BA	3/8/2007	6/23/2021	27	0	No	0.499884876	0.00	1	Decreasing	4	0	No	0.530125831	-0.01	0.982076545	Decreasing	22	0	No	0.503730988	0.00	1	Decreasing	8	0	No	0.381974621	0.00	0.998791132	Decreasing
PTX06-1098	640266.14	3753628.43	FE	3/8/2007	6/23/2021	27	0	No	1.530373113	0.00	1	Decreasing	4	0	No	0.362523848	0.00	0.571955137	Stable	22	0	No	1.440854927	0.00	0.999999981	Decreasing	8	0	No	0.445834501	0.00	0.930850633	Probably Decreasing
PTX06-1098	640266.14	3753628.43	MN	3/8/2007	6/23/2021	27	0	No	2.543192596	0.00	0.999996551	Decreasing	4	0	No	0.141441608	0.00	0.80841094	Stable	22	0	No	0.373833218	0.00	0.997897316	Decreasing	8	0	No	0.127729409	0.00	0.608079411	No Trend
PTX06-1098	640266.14	3753628.43	MO	5/6/2008	6/23/2021	22	1	No	0.252251781	0.00	0.978245866	Increasing	4	0	No	0.333866889	0.00	0.986630724	Decreasing	21	1	No	0.235784415	0.00	0.916000811	Probably Increasing	8	0	No	0.223938106	0.00	0.913698358	Probably Decreasing
PTX06-1098	640266.14	3753628.43	NI	3/8/2007	6/23/2021	24	3	No	0.982884037	0.00	0.730525834	Stable	4	0	No	0.884920614	-0.01	0.778506064	Stable	19	3	No	1.173219129	0.00	0.772423617	No Trend	6	2	No	0.961489338	0.00	0.515649736	Stable
PTX06-1098	640266.14	3753628.43	V	5/6/2008	6/23/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1098	640266.14	3753628.43	TOC	3/8/2007	6/23/2021	27	0	No	2.723348695	0.00	0.99999993	Decreasing	4	0	No	0.184125227	0.00	0.872159672	No Trend	22	0	No	1.202595067	0.00	0.999708892	Decreasing	8	0	No	0.166516159	0.00	0.646827307	No Trend
PTX06-1098	640266.14	3753628.43	TVFA	3/8/2007	10/22/2019	24	1	No	2.946189343	0.00	0.999999989	Decreasing	4	0	No	0.303775942	0.00	0.774043257	No Trend	19	1	No	3.24099846	0.00	0.999783123	Decreasing	6	0	No	1.272197942	0.00	0.75883015	No Trend
PTX06-1101	640383.57	3753437.09	RDX	5/14/2007	6/23/2021	9	8	No	0.696913822	0.00	0.999992297	Increasing	4	0	No	0.355675756	0.00	0.969843228	Increasing	8	5	No	0.56172621	0.00	0.999519512	Increasing	5	0	No	0.378188238	0.00	0.921129551	Probably Increasing
PTX06-1101	640383.57	3753437.09	HMX	3/6/2007	6/23/2021	11	6	No	0.743441809	0.00	0.929156758	Probably Increasing	4	0	No	0.242150616	0.00	0.817214865	No Trend	9	3	No	0.749151254	0.00	0.999862945	Increasing	5	0	No	0.216873571	0.00	0.722227501	No Trend
PTX06-1101	640383.57	3753437.09	TNT	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT24	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect

PTX06-1101	640383.57	3753437.09	DNT26	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT2A	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNT4A	3/6/2007	6/23/2021	2	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TNB135	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DNB13	5/5/2008	6/23/2021	0	14	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	MNX	3/6/2007	6/23/2021	9	9	No	0.776116606	0.00	0.945318365	Probably Increasing	4	0	No	0.31563865	0.00	0.713555667	No Trend	8	5	No	0.768499463	0.00	0.998531892	Increasing	5	0	No	0.412663137	0.00	0.884051111	No Trend
PTX06-1101	640383.57	3753437.09	DNX	3/6/2007	6/23/2021	6	12	No	0.552526417	0.00	0.83666394	No Trend	4	0	No	0.454380128	0.00	0.72536354	Stable	5	8	No	0.499240609	0.00	0.559273728	Stable	5	0	No	0.499240609	0.00	0.559273728	Stable
PTX06-1101	640383.57	3753437.09	TNX	3/6/2007	6/23/2021	4	13	No	1.051898881	0.00	0.714315692	No Trend	4	0	No	1.051898881	0.00	0.714315692	No Trend	2	10	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	PCE	5/5/2008	6/23/2021	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TCE	3/6/2007	6/23/2021	13	5	No	0.679097587	0.00	0.906773813	Probably Increasing	4	0	No	0.139190398	0.00	0.684256693	Stable	12	1	No	0.712815495	0.00	0.994442221	Increasing	5	0	No	0.382741408	0.00	0.960510141	Decreasing
PTX06-1101	640383.57	3753437.09	DCE12C	3/6/2007	6/23/2021	15	3	No	0.621274036	0.00	0.996285953	Decreasing	4	0	No	0.864878106	-0.01	0.814783021	Stable	10	3	No	0.733158593	0.00	0.996911424	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	DCE12T	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	DCA12	5/5/2008	6/23/2021	0	14	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	TCLME	5/5/2008	6/23/2021	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	VC	3/6/2007	6/23/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	B	3/6/2007	6/23/2021	17	1	No	0.346124255	0.00	0.999981036	Decreasing	4	0	No	0.056553067	0.00	0.966315271	Decreasing	12	1	No	0.369573122	0.00	0.998909688	Decreasing	5	0	No	0.050900689	0.00	0.961276905	Decreasing
PTX06-1101	640383.57	3753437.09	CR	3/6/2007	6/23/2021	2	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	11	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	CR-6	3/6/2007	6/23/2021	7	9	No	1.826619992	0.00	0.996329392	Decreasing	4	0	No	1.203366902	0.00	0.929034321	Probably Decreasing	6	7	No	0.811246585	0.00	0.984580878	Decreasing	2	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	AS	3/6/2007	6/23/2021	18	0	No	0.474139026	0.00	0.992872679	Decreasing	4	0	No	0.448166159	0.00	0.811876103	Stable	13	0	No	0.501296062	0.00	0.922381252	Probably Decreasing	5	0	No	0.466796052	0.00	0.572534656	Stable
PTX06-1101	640383.57	3753437.09	BA	3/6/2007	6/23/2021	18	0	No	0.889901602	0.00	0.984323899	Decreasing	4	0	No	0.528210597	-0.01	0.988380859	Decreasing	13	0	No	0.915311816	0.00	0.861906437	Stable	5	0	No	0.501002109	0.00	0.994593789	Decreasing
PTX06-1101	640383.57	3753437.09	FE	3/6/2007	6/23/2021	17	1	No	1.000726818	0.00	0.999999232	Decreasing	4	0	No	0.576185798	0.00	0.783108248	Stable	12	1	No	1.075904857	0.00	0.999683523	Decreasing	5	0	No	0.570539912	0.00	0.678179023	Stable
PTX06-1101	640383.57	3753437.09	MN	3/6/2007	6/23/2021	18	0	No	0.792699306	0.00	0.936263062	Probably Decreasing	4	0	No	0.15783626	0.00	0.785413164	Stable	13	0	No	0.786364061	0.00	0.610044236	Stable	5	0	No	0.14817554	0.00	0.544661656	Stable
PTX06-1101	640383.57	3753437.09	MO	5/5/2008	6/23/2021	13	1	No	0.361733583	0.00	0.998588767	Increasing	4	0	No	0.111544906	0.00	0.862902162	Stable	12	1	No	0.364187212	0.00	0.998704845	Increasing	5	0	No	0.138579903	0.00	0.952948439	Decreasing
PTX06-1101	640383.57	3753437.09	NI	3/6/2007	6/23/2021	12	6	No	0.353566509	0.00	0.841058395	Stable	4	0	No	0.302019116	0.00	0.968647394	Increasing	8	5	No	0.409851804	0.00	0.592900914	Stable	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	V	5/5/2008	6/23/2021	0	14	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	13	No	0	0.00	0	All Non-Detect	0	5	No	0	0.00	0	All Non-Detect
PTX06-1101	640383.57	3753437.09	TOC	3/6/2007	6/23/2021	16	2	No	1.242210373	0.00	0.930038233	Probably Decreasing	4	0	No	1.626037783	0.01	0.799901244	No Trend	11	2	No	1.167804928	0.00	0.65975914	No Trend	3	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1101	640383.57	3753437.09	TVFA	3/6/2007	8/19/2019	16	0	No	2.143392654	0.00	0.994128114	Decreasing	4	0	No	0.574166724	0.00	0.710238089	Stable	11	0	No	0.451993705	0.00	0.778845292	Stable	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1123	642051.96	3752319.94	TVFA	8/15/2007	8/5/2015	27	0	No	1.328111172	0.00	0.657157015	No Trend	4	0	No	0.863700876	0.00	0.906163815	Probably Decreasing	22	0	No	1.415773851	0.00	0.693691503	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1148	636467.02	3754719.67	RDX	8/30/2008	11/8/2021	13	26	No	0.930271795	0.00	0.999243064	Decreasing	4	0	No	0.855209052	0.00	0.661949493	No Trend	11	26	No	0.663279527	0.00	0.991574317	Decreasing	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	HMX	8/30/2008	11/8/2021	14	25	No	0.868157135	0.00	0.999999996	Decreasing	4	0	No	0.155614219	0.00	0.908556601	Probably Decreasing	12	25	No	0.615604813	0.00	0.99999986	Decreasing	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	TNT	9/10/2008	11/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT24	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT26	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT2A	8/30/2008	11/8/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNT4A	8/30/2008	11/8/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	TNB135	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNB13	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	MNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DNX	8/26/2009	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	36	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	TNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DIOXANE14	8/26/2009	11/8/2021	18	19	No	0.951793086	0.00	0.999937606	Increasing	4	0	No	0.166119404	0.00	0.893901636	Stable	18	19	No	0.951793086	0.00	0.999937606	Increasing	14	2	No	0.788686751	0.00	0.999995419	Increasing
PTX06-1148	636467.02	3754719.67	PCE	8/30/2008	11/8/2021	7	32	No	0.24775864	0.00	0.996454857	Increasing	4	0	No	0.183583367	0.00	0.908994683	Probably Increasing	7	30	No	0.24775864	0.00	0.996454857	Increasing	7	9	No	0.24775864	0.00	0.996454857	Increasing
PTX06-1148	636467.02	3754719.67	TCE	8/30/2008	11/8/2021	36	3	No	0.695911254	0.00	0.99996636	Increasing	4	0	No	0.365378271	0.00	0.97366358	Increasing	36	1	No	0.695911254	0.00	0.99996636	Increasing	16	0	No	0.733747215	0.00	0.999999675	Increasing
PTX06-1148	636467.02	3754719.67	DCE12C	8/30/2008	11/8/2021	7	32	No	0.152571197	0.00	0.757776648	No Trend	4	0	No	0.126872043	0.00	0.722764657	Stable	7	30	No	0.152571197	0.00	0.757776648	No Trend	7	9	No	0.152571197	0.00	0.757776648	No Trend
PTX06-1148	636467.02	3754719.67	DCE12T	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	DCA12	8/30/2008	11/8/2021	6	33	No	0.261817469	0.00	0.904694943	Probably Increasing	4	0	No	0.065538916	0.00	0.560031841	No Trend	6	31	No	0.261817469	0.00	0.904694943	Probably Increasing	6	10	No	0.261817469	0.00	0.904694943	Probably Increasing
PTX06-1148	636467.02	3754719.67	TCLME	8/30/2008	11/8/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	VC	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1148	636467.02	3754719.67	PERC	8/30/2008	11/8/2021	38	2	No	0.885552443	0.00	0.999854135	Decreasing	4	0	No	1.631464346	0.01	0.885163952	No Trend	36	2	No	0.842356997	0.00	0.999999875	Decreasing	15	2	No	1.136197704	0.00	0.999007152	Decreasing
PTX06-1148	636467.02	3754719.67	B	8/26/2009	4/26/2021	35	0	No	0.200100783	0.00	0.999998114	Increasing	4	0	No	0.116642369	0.00	0.954906265	Decreasing	35	0	No	0.200100783	0.00	0.999998114	Increasing	14	0	No	0.116910864	0.00	0.817437927	Stable
PTX06-1148	636467.02	3754719.67	CR	8/30/2008	4/26/2021	27	1	No	1.425301229	0.00	0.689584809	No Trend	4	0	No	0.903379839	0.00	0.597579441	No Trend	25	1	No	1.464220252	0.00	0.629343398	No Trend	13	1	No	1.495315524	0.00	0.606283312	No Trend
PTX06-1148	636467.02	3754719.67	AS	1/23/2014	11/8/2021	11	17	No	0.287934504	0.00	0.963861474	Decreasing	4	0	No	0.340315914	0.00	0.858611657	Stable	11	17	No	0.287934504	0.00	0.963861474	Decreasing	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1148	636467.02	3754719.67	BA	8/30/2008	11/8/2021	32	0	No	0.383501371	0.00	0.99985666	Increasing	4	0	No	0.055865922	0.00	0.96815885	Increasing	30	0	No	0.36718564	0.00	0.99999992	Increasing	16	0	No	0.170505204	0.00	0.925722221	Probably Decreasing
PTX06-1148	636467.02	3754719.67	FE	8/30/2008	11/8/2021	32	0	No	2.539515757	0.00	0.999924544	Decreasing	4	0	No	0.214510654	0.00	0.93123721	Probably Decreasing	30	0	No	0.696196659	0.00	0.997671078	Decreasing	16	0	No	0.752030265	0.00	0.919083587	Probably Decreasing
PTX06-1148	636467.02	3754719.67	MN	8/30/2008	11/8/2021	32	0	No	1.589856219	0.00	0.94650636	Probably Increasing	4	0	No	0.105263158	0.00	0.945637528	Probably Decreasing	30	0	No	0.934351533	0.00	0.999999647	Increasing	16	0	No	0.545488985	0.00	0.929505118	Probably Increasing
PTX06-1148	636467.02	3754719.67	MO	8/30/2008	4/26/2021	28	0	No	0.497520861	0.00	0.909125003	Probably Decreasing	4	0	No	0.398375047	0.00	0.589105503	Stable	26	0	No	0.479602996	0.00	0.99999973	Decreasing	14	0	No	0.484116512	0.00	0.967933253	Decreasing
PTX06-1148	636467.02	3754719.67	NI	8/30/2008	4/26/2021	28	0	No	0.957693275	0.00	0.834502391	Stable	4	0	No	0.086409876	0.00	0.905092825	Probably Decreasing	26	0	No	0.894935186	0.00	1	Decreasing	14	0	No	1.009882083	0.00	0.999997369	Decreasing
PTX06-1148	636467.02	3754719.67	V	8/30/2008	4/26/2021	28	0	No	0.841981886	0.00	0.999925666	Decreasing	4	0	No	0.079341334	0.00	0.816561604	No Trend	26	0	No	0.225273781	0.00	0.931874952	Probably Decreasing	14	0	No	0.269797886	0.00	0.960316221	Decreasing
PTX06-1148	636467.02	3754719.67	TOC	8/30/2008	11/8/2021	31	0	No	0.6959546	0.00	0.999974625	Increasing	4	0	No	0.238813919	0.00	0.925956742	Probably Decreasing	29	0	No	0.6660249	0.00	0.99999087	Increasing	16	0	No	0.364356437	0.00	0.522222194	Stable
PTX06-1148	636467.02	3754719.67	TVFA	5/1/2013	11/5/2019	24	1	No	1.439210988	0.00	0.999989859	Decreasing	4	0	No	0.932134767	0.00	0.917639218	Probably Decreasing	24	1	No	1.439210988	0.00	0.999989859	Decreasing	11	1	No	1.582472049	0.00	0.809783967	No Trend
PTX06-1149	635864.13	3754717.64	RDX	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	HMX	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNT	9/10/2008	11/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT24	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT26	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT2A	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNT4A	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNB135	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNB13	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	MNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DNX	8/26/2009	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	36	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	TNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DIOXANE14	8/26/2009	11/8/2021	13	24	No	0.955841907	0.00	0.999988626	Increasing	4	0	No	0.451830995	0.00	0.953590705	Increasing	13	24	No	0.955841907	0.00	0.999988626	Increasing	10	6	No	0.743651403	0.00	0.999958337	Increasing
PTX06-1149	635864.13	3754717.64	PCE	8/30/2008	11/8/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	TCE	8/30/2008	11/8/2021	14	25	No	1.702454182	0.00	0.999977742	Increasing	4	0	No	0.935857241	0.00	0.951348764	Increasing	14	23	No	1.702454182	0.00	0.999977742	Increasing	12	4	No	1.550934926	0.00	0.999999995	Increasing
PTX06-1149	635864.13	3754717.64	DCE12C	8/30/2008	11/8/2021	7	32	No	0.602670081	0.00	0.999468163	Increasing	4	0	No	0.454689255	0.00	0.929504828	Probably Increasing	7	30	No	0.602670081	0.00	0.999468163	Increasing	7	9	No	0.602670081	0.00	0.999468163	Increasing
PTX06-1149	635864.13	3754717.64	DCE12T	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	DCA12	8/30/2008	11/8/2021	6	33	No	0.519426997	0.00	0.998765846	Increasing	4	0	No	0.467506248	0.00	0.849632297	No Trend	6	31	No	0.519426997	0.00	0.998765846	Increasing	6	10	No	0.519426997	0.00	0.998765846	Increasing
PTX06-1149	635864.13	3754717.64	TCLME	8/30/2008	11/8/2021	7	32	No	0.884351154	0.00	0.999999858	Increasing	4	0	No	0.601685829	0.01	0.99716143	Increasing	7	30	No	0.884351154	0.00	0.999999858	Increasing	7	9	No	0.884351154	0.00	0.999999858	Increasing
PTX06-1149	635864.13	3754717.64	VC	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1149	635864.13	3754717.64	PERC	8/30/2008	11/8/2021	15	24	No	1.600501713	0.00	0.677243341	No Trend	4	0	No	0.426172223	0.00	0.824314758	No Trend	15	22	No	1.600501713	0.00	0.677243341	No Trend	7	9	No	0.814805098	0.00	0.99495306	Increasing
PTX06-1149	635864.13	3754717.64	B	8/26/2009	4/26/2021	35	0	No	0.317067741	0.00	0.957384711	Increasing	4	0	No	0.083289964	0.00	0.707477096	Stable	35	0	No	0.317067741	0.00	0.957384711	Increasing	14	0	No	0.268218305	0.00	0.999887802	Decreasing
PTX06-1149	635864.13	3754717.64	CR	8/30/2008	4/26/2021	3	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	25	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	AS	1/23/2014	11/8/2021	27	1	No	0.365460925	0.00	0.997541859	Decreasing	4	0	No	0.148453924	0.00	0.963156893	Decreasing	27	1	No	0.365460925	0.00	0.997541859	Decreasing	15	1	No	0.474964343	0.00	0.99997326	Decreasing
PTX06-1149	635864.13	3754717.64	BA	8/30/2008	11/8/2021	32	0	No	0.514683421	0.00	0.912812098	Probably Increasing	4	0	No	0.090141543	0.00	0.860651294	No Trend	30	0	No	0.488516922	0.00	0.648351022	No Trend	16	0	No	0.524696535	0.00	0.990634941	Decreasing
PTX06-1149	635864.13	3754717.64	FE	8/30/2008	11/8/2021	32	0	No	1.136690737	0.00	0.999772474	Decreasing	4	0	No	0.31433113	0.00	0.571724351	Stable	30	0	No	1.083369909	0.00	0.999954855	Decreasing	16	0	No	0.959545962	0.00	0.999991496	Decreasing
PTX06-1149	635864.13	3754717.64	MN	8/30/2008	11/8/2021	32	0	No	0.656886641	0.00	0.963513578	Increasing	4	0	No	0.052175864	0.00	0.922621779	Probably Decreasing	30	0	No	0.602210494	0.00	0.860080872	No Trend	16	0	No	0.425617867	0.00	0.603706042	Stable
PTX06-1149	635864.13	3754717.64	MO	8/30/2008	4/26/2021	26	2	No	0.750902978	0.00	0.966603172	Decreasing	4	0	No	0.121584396	0.00	0.683573422	No Trend	24	2	No	0.786623154	0.00	0.968367483	Decreasing	12	2	No	1.13509796	0.00	0.852361825	No Trend
PTX06-1149	635864.13	3754717.64	NI	8/30/2008	4/26/2021	13	15	No	1.962145247	0.00	0.904082751	Probably Decreasing	4	0	No	1.842713757	0.00	0.779360881	No Trend	11	15	No	2.5039221	0.00	0.956292667	Increasing	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	V	8/30/2008	4/26/2021	6	22	No	1.209000052	0.00	0.927860021	Probably Decreasing	4	0	No	0.700572306	0.00	0.928117492	Probably Increasing	4	22	No	0.700572306	0.00	0.830574087	No Trend	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1149	635864.13	3754717.64	TOC	8/30/2008	11/8/2021	30	1	No	2.563568201	0.00	0.992965855	Decreasing	4	0	No	0.200328534	0.00	1	Increasing	28	1	No	2.518621123	0.00	0.999796357	Decreasing	15	1	No	0.905834653	0.00	0.999994225	Decreasing
PTX06-1149	635864.13	3754717.64	TVFA	5/1/2013	11/5/2019	25	0	No	2.671583487	0.00	0.999997711	Decreasing	4	0	No	0.346813996	0.00	0.649178839	Stable	25	0	No	2.671583487	0.00	0.999997711	Decreasing	12	0	No	0.774414156	0.00	0.991802361	Decreasing
PTX06-1150	635233.98	3754718.24	RDX	8/30/2008	11/8/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	35	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	HMX	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNT	9/10/2008	11/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT24	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT26	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT2A	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNT4A	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNB135	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNB13	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	MNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DNX	8/26/2009	11/8/2021	0	36	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	36	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TNX	8/26/2009	11/8/2021	0	37	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DIOXANE14	8/26/2009	11/8/2021	11	26	No	0.559866146	0.00	0.999918048	Increasing	4	0	No	0.234481691	0.00	0.827426732	No Trend	11	26	No	0.559866146	0.00	0.999918048	Increasing	11	5	No	0.559866146	0.00	0.999918048	Increasing
PTX06-1150	635233.98	3754718.24	PCE	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	TCE	8/30/2008	11/8/2021	35	4	No	0.834048546	0.00	1	Increasing	4	0	No	0.294269825	0.00	0.981622993	Increasing	35	2	No	0.834048546	0.00	1	Increasing	16	0	No	0.575540849	0.00	0.99999925	Increasing
PTX06-1150	635233.98	3754718.24	DCE12C	8/30/2008	11/8/2021	15	24	No	0.344124031	0.00	0.984816971	Increasing	4	0	No	0.360363392	0.00	0.985854864	Increasing	15	22	No	0.344124031	0.00	0.984816971	Increasing	9	7	No	0.364205548	0.00	0.969746359	Increasing
PTX06-1150	635233.98	3754718.24	DCE12T	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	DCA12	8/30/2008	11/8/2021	17	22	No	0.209662925	0.00	0.680227009	No Trend	4	0	No	0.216775636	0.00	0.550301939	No Trend	17	20	No	0.209662925	0.00	0.680227009	No Trend	11	5	No	0.20006638	0.00	0.532982941	Stable
PTX06-1150	635233.98	3754718.24	TCLME	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	VC	8/30/2008	11/8/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1150	635233.98	3754718.24	PERC	8/30/2008	11/8/2021	38	1	No	0.878612054	0.00	0.999832253	Decreasing	4	0	No	0.102099275	0.00	0.66050091	Stable	37	0	No	0.854618907	0.00	0.999999984	Decreasing	16	0	No	0.556718969	0.00	0.999999347	Decreasing
PTX06-1150	635233.98	3754718.24	B	8/26/2009	4/26/2021	35	0	No	0.239634326	0.00	0.999774439	Increasing	4	0	No	0.129056999	0.00	0.641706539	Stable	35	0	No	0.239634326	0.00	0.999774439	Increasing	14	0	No	0.161321107	0.00	0.567103886	No Trend
PTX06-1150	635233.98	3754718.24	CR	8/30/2008	4/26/2021	25	3	No	0.789433432	0.00	0.714623484	Stable	4	0	No	0.721036518	0.00	0.92415059	Probably Increasing	23	3	No	0.777827934	0.00	0.815948379	Stable	11	3	No	0.854052997	0.00	0.647907865	No Trend
PTX06-1150	635233.98	3754718.24	AS	1/27/2014	11/8/2021	14	14	No	1.915080297	0.00	0.832419693	No Trend	4	0	No	1.404502296	0.00	0.59653672	No Trend	14	14	Yes	1.915080297	0.00	0.832419693	No Trend	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1150	635233.98	3754718.24	BA	8/30/2008	11/8/2021	32	0	No	0.59861629	0.00	0.903614476	Probably Increasing	4	0	No	0.346114824	0.00	0.748417562	Stable	30	0	No	0.541309558	0.00	0.999996913	Increasing	16	0	No	0.486361542	0.00	0.907480995	Probably Increasing
PTX06-1150	635233.98	3754718.24	FE	8/30/2008	11/8/2021	32	0	No	3.145638187	0.00	0.999956969	Decreasing	4	0	No	1.07497888	0.00	0.816440078	No Trend	30	0	No	1.034417093	0.00	0.995299416	Decreasing	16	0	No	1.417705132	0.00	0.57353177	No Trend
PTX06-1150	635233.98	3754718.24	MN	8/30/2008	11/8/2021	31	1	No	3.249527868	0.00	0.86706693	No Trend	4	0	No	1.904273075	0.00	0.822961153	No Trend	29	1	No	3.759558891	0.00	0.813632905	No Trend	15	1	No	2.74303765	0.00	0.785860804	No Trend
PTX06-1150	635233.98	3754718.24	MO	8/30/2008	4/26/2021	27	1	No	0.417867573	0.00	0.911639621	Probably Increasing	4	0	No	0.494922149	0.00	0.903571305	Probably Decreasing	25	1	No	0.358163622	0.00	0.976158311	Decreasing	13	1	No	0.417083574	0.00	0.99652391	Decreasing
PTX06-1150	635233.98	3754718.24	NI	8/30/2008	4/26/2021	26	2	No	0.735301328	0.00	0.978759669	Increasing	4	0	No	0.138426809	0.00	0.875740518	No Trend	24	2	No	0.682812065	0.00	0.704117466	Stable	12	2	No	0.442436476	0.00	0.972743634	Decreasing
PTX06-1150	635233.98	3754718.24	V	8/30/2008	4/26/2021	26	2	No	0.849369922	0.00	0.999956909	Decreasing	4	0	No	0.112260387	0.00	0.941683665	Probably Decreasing	24	2	No	0.152600587	0.00	0.891755869	Stable	12	2	No	0.134258034	0.00	1	Increasing
PTX06-1150	635233.98	3754718.24	TOC	8/30/2008	11/8/2021	23	8	No	0.447489816	0.00	0.562458026	No Trend	4	0	No	0.152332851	0.00	0.573453558	No Trend	21	8	No	0.434077577	0.00	0.6138499	No Trend	14	2	No	0.34913311	0.00	0.563345125	No Trend
PTX06-1150	635233.98	3754718.24	TVFA	5/1/2013	11/5/2019	25	0	No	1.817905788	0.00	0.999732704	Decreasing	4	0	No	0.523369074	0.00	0.989733637	Decreasing	25	0	No	1.817905788	0.00	0.999732704	Decreasing	12	0	No	0.709897571	0.00	0.871095541	Stable
PTX06-1153	641184.13	3752089.44	RDX	10/27/2009	8/3/2021	52	0	No	0.467949829	0.00	0.999976555	Increasing	4	0	No	0.108332698	0.00	0.577153534	No Trend	52	0	No	0.467949829	0.00	0.999976555	Increasing	23	0	No	0.487761181	0.00	0.947751253	Probably Increasing
PTX06-1153	641184.13	3752089.44	HMX	10/27/2009	8/3/2021	52	0	No	0.345872526	0.00	0.999998143	Increasing	4	0	No	0.311917091	0.00	0.935283538	Probably Decreasing	52	0	No	0.345872526	0.00	0.999998143	Increasing	23	0	No	0.322553187	0.00	0.922914128	Probably Increasing
PTX06-1153	641184.13	3752089.44	TNT	10/27/2009	8/3/2021	1	50	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	50	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	22	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DNT24	10/27/2009	8/3/2021	2	50	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	50	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	23	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DNT26	10/27/2009	8/3/2021	5	47	No	0.198448866	0.00	0.920858146	Probably Decreasing	4	0	No	0.227192968	0.00	0.573526848	Stable	5	47	No	0.198448866	0.00	0.920858146	Probably Decreasing	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNT2A	10/27/2009	8/3/2021	47	5	No	0.582930489	0.00	1	Increasing	4	0	No	0.291878331	0.00	0.987814395	Decreasing	47	5	No	0.582930489	0.00	1	Increasing	22	1	No	0.45196643	0.00	0.999999981	Decreasing
PTX06-1153	641184.13	3752089.44	DNT4A	3/18/2010	8/3/2021	46	5	No	0.404255822	0.00	0.999999981	Decreasing	4	0	No	0.1392035	0.00	0.978569978	Increasing	46	5	No	0.404255822	0.00	0.999999981	Decreasing	22	1	No	0.317825389	0.00	0.967102009	Decreasing

PTX06-1153	641184.13	3752089.44	TNB135	10/27/2009	8/3/2021	1	51	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	51	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	22	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	DNB13	10/27/2009	8/3/2021	0	52	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	52	No	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	MNX	10/27/2009	8/3/2021	50	2	No	0.945603487	0.00	0.878958502	No Trend	4	0	No	0.739688975	0.00	0.957496505	Decreasing	50	2	No	0.945603487	0.00	0.878958502	No Trend	23	0	No	0.697496953	0.00	0.847884799	Stable
PTX06-1153	641184.13	3752089.44	DNX	10/27/2009	8/3/2021	50	2	No	1.187160548	0.00	0.99875964	Increasing	4	0	No	0.897192655	-0.01	0.958052128	Decreasing	50	2	No	1.187160548	0.00	0.99875964	Increasing	23	0	No	0.823752193	0.00	0.666935288	Stable
PTX06-1153	641184.13	3752089.44	TNX	10/27/2009	8/3/2021	50	2	No	0.942375822	0.00	0.995663908	Increasing	4	0	No	0.312236009	0.00	0.896537512	Stable	50	2	No	0.942375822	0.00	0.995663908	Increasing	23	0	No	0.512778827	0.00	0.962789518	Increasing
PTX06-1153	641184.13	3752089.44	PCE	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCE	10/27/2009	8/3/2021	35	10	No	0.654642558	0.00	1	Decreasing	4	0	No	0.620498882	0.00	0.810348537	Stable	35	10	No	0.654642558	0.00	1	Decreasing	6	10	No	0.459173	0.00	0.988369059	Decreasing
PTX06-1153	641184.13	3752089.44	DCE12C	10/27/2009	8/3/2021	10	34	No	0.450226804	0.00	0.99929618	Decreasing	4	0	No	0.650887574	-0.01	0.943282957	Probably Decreasing	10	34	No	0.450226804	0.00	0.99929618	Decreasing	0	15	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DCE12T	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	DCA12	10/27/2009	8/3/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	15	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	TCLME	10/27/2009	8/3/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	VC	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1153	641184.13	3752089.44	B	10/27/2009	5/26/2021	43	0	No	0.320943574	0.00	1	Increasing	4	0	No	0.064516129	0.00	0.708337163	Stable	43	0	No	0.320943574	0.00	1	Increasing	14	0	No	0.23768649	0.00	0.998522431	Increasing
PTX06-1153	641184.13	3752089.44	CR	10/27/2009	8/3/2021	45	0	No	0.665767595	0.00	0.999702911	Decreasing	4	0	No	0.58722022	0.00	0.753725568	Stable	45	0	No	0.665767595	0.00	0.999702911	Decreasing	16	0	No	0.502656864	0.00	0.95900314	Decreasing
PTX06-1153	641184.13	3752089.44	CR-6	10/27/2009	8/3/2021	42	3	No	0.814630178	0.00	0.999999507	Decreasing	4	0	No	0.360228148	0.00	0.568458343	Stable	42	3	No	0.814630178	0.00	0.999999507	Decreasing	16	0	No	0.563969875	0.00	0.998314276	Decreasing
PTX06-1153	641184.13	3752089.44	AS	10/27/2009	8/3/2021	28	17	No	0.346998005	0.00	0.693893674	Stable	4	0	No	0.226615881	0.00	0.716940194	No Trend	28	17	No	0.346998005	0.00	0.693893674	Stable	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1153	641184.13	3752089.44	BA	10/27/2009	8/3/2021	45	0	No	0.462434085	0.00	0.984201979	Decreasing	4	0	No	0.069849797	0.00	0.72745008	No Trend	45	0	No	0.462434085	0.00	0.984201979	Decreasing	16	0	No	0.114571307	0.00	0.956534956	Increasing
PTX06-1153	641184.13	3752089.44	FE	10/27/2009	8/3/2021	40	5	No	1.000424493	0.00	0.90909034	Probably Increasing	4	0	No	0.870402206	0.00	0.704453428	Stable	40	5	No	1.000424493	0.00	0.90909034	Probably Increasing	16	0	No	0.74163091	0.00	0.747260395	No Trend
PTX06-1153	641184.13	3752089.44	MN	10/27/2009	8/3/2021	45	0	No	1.145578327	0.00	0.999999628	Decreasing	4	0	No	0.77644906	-0.01	0.807191796	Stable	45	0	No	1.145578327	0.00	0.999999628	Decreasing	16	0	No	0.885109854	0.00	0.954045033	Increasing
PTX06-1153	641184.13	3752089.44	MO	10/27/2009	5/26/2021	39	4	No	0.351360827	0.00	0.999999759	Decreasing	4	0	No	0.225285277	0.00	0.896194458	No Trend	39	4	No	0.351360827	0.00	0.999999759	Decreasing	11	3	No	0.290270364	0.00	0.963283944	Increasing
PTX06-1153	641184.13	3752089.44	NI	10/27/2009	5/26/2021	41	2	No	1.398733493	0.00	0.999999852	Increasing	4	0	No	0.598419109	-0.01	0.918614142	Probably Decreasing	41	2	No	1.398733493	0.00	0.999999852	Increasing	14	0	No	0.570800595	0.00	0.670792473	No Trend
PTX06-1153	641184.13	3752089.44	V	10/27/2009	5/26/2021	37	6	No	0.403913859	0.00	0.99999933	Increasing	4	0	No	0.273423694	0.00	0.617049854	No Trend	37	6	No	0.403913859	0.00	0.99999933	Increasing	12	2	No	0.26645264	0.00	0.93229355	Probably Increasing
PTX06-1153	641184.13	3752089.44	TOC	10/27/2009	8/3/2021	51	0	No	0.818939241	0.00	0.99987674	Increasing	4	0	No	0.118719891	0.00	0.960366888	Decreasing	51	0	No	0.818939241	0.00	0.99987674	Increasing	22	0	No	0.629775158	0.00	0.999588872	Increasing
PTX06-1153	641184.13	3752089.44	TVFA	10/27/2009	10/23/2019	40	1	No	2.263097227	0.00	0.999932488	Decreasing	4	0	No	0.529992183	0.00	0.788063289	Stable	40	1	No	2.263097227	0.00	0.999932488	Decreasing	12	0	No	0.817105082	0.00	0.942431605	Probably Decreasing
PTX06-1154	641870.52	3752278.90	RDX	3/18/2010	8/3/2021	10	33	No	2.078368345	0.00	0.935474932	Probably Decreasing	4	0	No	1.644745665	0.00	0.716978808	No Trend	10	33	No	2.078368345	0.00	0.935474932	Probably Decreasing	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	HMX	10/27/2009	8/3/2021	9	36	No	1.606437439	0.00	0.943050044	Probably Decreasing	4	0	No	1.127810186	-0.01	0.998474141	Decreasing	9	36	No	1.606437439	0.00	0.943050044	Probably Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNT	10/27/2009	8/3/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT24	10/27/2009	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT26	10/27/2009	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT2A	10/27/2009	8/3/2021	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNT4A	3/18/2010	8/3/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNB135	10/27/2009	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNB13	10/27/2009	8/3/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	MNX	10/27/2009	8/3/2021	5	40	No	1.019258991	0.00	0.812242037	No Trend	4	0	No	1.222543761	-0.01	0.711895474	No Trend	5	40	No	1.019258991	0.00	0.812242037	No Trend	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DNX	10/27/2009	8/3/2021	9	35	No	1.451178713	0.00	0.94509906	Probably Decreasing	4	0	No	1.089853172	0.00	0.628666148	No Trend	9	35	No	1.451178713	0.00	0.94509906	Probably Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TNX	10/27/2009	8/3/2021	22	22	No	0.913758388	0.00	0.999999976	Decreasing	4	0	No	1.307094223	0.00	0.508712502	No Trend	22	22	Yes	0.913758388	0.00	0.999999976	Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	PCE	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCE	10/27/2009	8/3/2021	18	26	No	0.772771366	0.00	0.999999876	Decreasing	4	0	No	0.727974167	-0.01	0.974967803	Decreasing	18	26	No	0.772771366	0.00	0.999999876	Decreasing	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	DCE12C	10/27/2009	8/3/2021	15	29	No	0.440044106	0.00	0.619928288	No Trend	4	0	No	0.444484765	0.00	0.861592655	Stable	15	29	No	0.440044106	0.00	0.619928288	No Trend	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	DCE12T	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	DCA12	10/27/2009	8/3/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	15	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	TCLME	10/27/2009	8/3/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	VC	10/27/2009	8/3/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	B	10/27/2009	5/26/2021	43	0	No	0.310925273	0.00	0.887933383	Stable	4	0	No	0.363994166	0.00	0.975156869	Decreasing	43	0	No	0.310925273	0.00	0.887933383	Stable	14	0	No	0.392934423	0.00	0.999956539	Decreasing
PTX06-1154	641870.52	3752278.90	CR	10/27/2009	8/3/2021	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1154	641870.52	3752278.90	CR-6	10/27/2009	8/3/2021	17	24	No	0.664270091	0.00	0.942413159	Probably Decreasing	4	0	No	0.968914312	-0.01	0.92541751	Probably Decreasing	17	24	No	0.664270091	0.00	0.942413159	Probably Decreasing	1	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	AS	10/27/2009	8/3/2021	45	0	No	0.433279865	0.00	0.99999936	Increasing	4	0	No	0.41123916	0.00	0.857104994	No Trend	45	0	No	0.433279865	0.00	0.99999936	Increasing	16	0	No	0.29969899	0.00	0.589972459	Stable
PTX06-1154	641870.52	3752278.90	BA	10/27/2009	8/3/2021	45	0	No	0.418068611	0.00	0.99999908	Increasing	4	0	No	0.190438091	0.00	0.877226428	No Trend	45	0	No	0.418068611	0.00	0.99999908	Increasing	16	0	No	0.214258465	0.00	0.9603498	Decreasing
PTX06-1154	641870.52	3752278.90	FE	10/27/2009	8/3/2021	45	0	No	0.473375809	0.00	0.970998465	Increasing	4	0	No	0.500173509	0.00	0.836797224	No Trend	45	0	No	0.473375809	0.00	0.970998465	Increasing	16	0	No	0.319353918	0.00	0.633614906	Stable
PTX06-1154	641870.52	3752278.90	MN	10/27/2009	8/3/2021	45	0	No	0.803916561	0.00	0.998819972	Decreasing	4	0	No	0.101015254	0.00	0.822333341	No Trend	45	0	No	0.803916561	0.00	0.998819972	Decreasing	16	0	No	0.442711954	0.00	0.99987575	Increasing
PTX06-1154	641870.52	3752278.90	MO	10/27/2009	5/26/2021	42	1	No	0.459505658	0.00	0.963525697	Increasing	4	0	No	0.691802417	0.00	0.969772476	Decreasing	42	1	No	0.459505658	0.00	0.963525697	Increasing	14	0	No	0.54181428	0.00	0.804836861	Stable
PTX06-1154	641870.52	3752278.90	NI	10/27/2009	5/26/2021	40	3	No	0.830604438	0.00	0.999919083	Increasing	4	0	No	0.370503721	0.00	0.581187145	Stable	40	3	No	0.830604438	0.00	0.999919083	Increasing	13	1	No	0.805568653	0.00	0.834129288	No Trend
PTX06-1154	641870.52	3752278.90	V	10/27/2009	5/26/2021	8	35	No	0.365996317	0.00	0.706861905	No Trend	4	0	No	0.217943387	0.00	0.602074659	Stable	8	35	No	0.365996317	0.00	0.706861905	No Trend	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1154	641870.52	3752278.90	TOC	10/27/2009	8/3/2021	45	0	No	1.231119067	0.00	0.999740441	Decreasing	4	0	No	0.504700384	0.00	0.697933017	No Trend	45	0	No	1.231119067	0.00	0.999740441	Decreasing	16	0	No	0.782399503	0.00	0.987468588	Decreasing
PTX06-1154	641870.52	3752278.90	TVFA	10/27/2009	10/23/2019	39	2	No	3.334125083	0.00	0.999997635	Decreasing	4	0	No	0.634346777	0.00	0.861858412	No Trend	39	2	No	3.334125083	0.00	0.999997635	Decreasing	10	2	No	0.878710762	0.00	0.525746766	No Trend
PTX06-1155	634603.74	3755215.62	RDX	10/26/2009	11/10/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	HMX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNT	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT24	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT26	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT2A	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNT4A	10/26/2009	11/10/2021	7	38	No	0.580252352	0.00	0.926768105	Probably Decreasing	4	0	No	0.847839902	-0.01	0.890357991	Stable	7	38	No	0.580252352	0.00	0.926768105	Probably Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNB135	3/23/2010	11/10/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNB13	10/26/2009	11/10/2021	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	43	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	MNX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DNX	10/26/2009	11/10/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TNX	10/26/2009	11/10/2021	3	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	DIOXANE14	10/26/2009	11/10/2021	45	0	No	0.701177234	0.00	1	Increasing	4	0	No	0.169169199	0.00	0.970911373	Increasing	45	0	No	0.701177234	0.00	1	Increasing	16	0	No	0.491335301	0.00	0.999999998	Increasing
PTX06-1155	634603.74	3755215.62	PCE	10/26/2009	11/10/2021	17	28	No	0.3998932	0.00	0.999195333	Decreasing	4	0	No	0.153087257	0.00	0.795635696	No Trend	17	28	No	0.3998932	0.00	0.999195333	Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TCE	10/26/2009	11/10/2021	37	8	No	1.221228259	0.00	0.999999837	Decreasing	4	0	No	1.070988618	0.02	0.967988987	Increasing	37	8	No	1.221228259	0.00	0.999999837	Decreasing	9	7	No	1.795316649	0.00	0.996896735	Increasing
PTX06-1155	634603.74	3755215.62	DCE12C	10/26/2009	11/10/2021	45	0	No	0.717387378	0.00	0.979851642	Increasing	4	0	No	0.593919836	0.00	0.559562625	No Trend	45	0	No	0.717387378	0.00	0.979851642	Increasing	16	0	No	0.419293463	0.00	0.970932643	Increasing
PTX06-1155	634603.74	3755215.62	DCE12T	10/26/2009	11/10/2021	35	10	No	1.293981024	0.00	0.9829148	Decreasing	4	0	No	0.3850563	0.00	0.881556292	No Trend	35	10	No	1.293981024	0.00	0.9829148	Decreasing	9	7	No	0.355914316	0.00	0.895927747	No Trend
PTX06-1155	634603.74	3755215.62	DCA12	10/26/2009	11/10/2021	45	0	No	0.795012235	0.00	1	Decreasing	4	0	No	0.45836224	0.00	0.95775828	Increasing	45	0	No	0.795012235	0.00	1	Decreasing	16	0	No	0.63391792	0.00	0.999999327	Increasing
PTX06-1155	634603.74	3755215.62	TCLME	10/26/2009	11/10/2021	18	27	No	0.660993538	0.00	0.995570662	Decreasing	4	0	No	0.296548041	0.00	0.802343691	No Trend	18	27	No	0.660993538	0.00	0.995570662	Decreasing	0	16	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	VC	10/26/2009	11/10/2021	31	14	No	1.591950046	0.00	0.998377188	Increasing	4	0	No	0.265221156	0.00	0.991043607	Increasing	31	14	No	1.591950046	0.00	0.998377188	Increasing	10	6	No	1.080104854	0.00	0.999989359	Increasing
PTX06-1155	634603.74	3755215.62	PERC	10/26/2009	11/10/2021	8	37	No	0.824072733	0.00	0.945117483	Probably Decreasing	4	0	No	1.918022209	-0.02	0.940978067	Probably Decreasing	8	37	No	0.824072733	0.00	0.945117483	Probably Decreasing	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1155	634603.74	3755215.62	B	10/26/2009	3/30/2021	42	1	No	0.365023765	0.00	0.999998129	Increasing	4	0	No	0.116770103	0.00	0.701532851	Stable	42	1	No	0.365023765	0.00	0.999998129	Increasing	14	0	No	0.182218688	0.00	0.932242383	Probably Increasing
PTX06-1155	634603.74	3755215.62	CR	10/26/2009	3/30/2021	21	22	No	1.126923082	0.00	0.995554806	Decreasing	4	0	No	1.005956629	0.01	0.797439269	No Trend	21	22	No	1.126923082	0.00	0.995554806	Decreasing	3	11	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1155	634603.74	3755215.62	AS	10/26/2009	11/10/2021	44	1	No	0.538937472	0.00	0.999999631	Increasing	4	0	No	0.54954276	0.00	0.958697213	Decreasing	44	1	No	0.538937472	0.00	0.999999631	Increasing	16	0	No	0.298967127	0.00	0.985039406	Decreasing
PTX06-1155	634603.74	3755215.62	BA	10/26/2009	11/10/2021	45	0	No	0.473098951	0.00	0.999974075	Increasing	4	0	No	0.331700321	0.00	0.980870555	Decreasing	45	0	No	0.473098951	0.00	0.999974075	Increasing	16	0	No	0.230392038	0.00	0.996869537	Decreasing
PTX06-1155	634603.74	3755215.62	FE	10/26/2009	11/10/2021	45	0	No	0.796689503	0.00	0.980159545	Increasing	4	0	No	0.639059286	0.00	0.978275108	Decreasing	45	0	No	0.796689503	0.00	0.980159545	Increasing	16	0	No	0.36030348	0.00	0.999857459	Decreasing
PTX06-1155	634603.74	3755215.62	MN	10/26/2009	11/10/2021	45	0	No	0.893017356	0.00	0.962951888	Increasing	4	0	No	0.434919797	0.00	0.765350975	Stable	45	0	No	0.893017356	0.00	0.962951888	Increasing	16	0	No	0.387500592	0.00	0.999972804	Decreasing
PTX06-1155	634603.74	3755215.62	MO	10/26/2009	3/30/2021	32	11	No	0.817388307	0.00	0.999999864	Decreasing	4	0	No	0.101296857	0.00	0.963370085	Decreasing	32	11	No	0.817388307	0.00	0.999999864	Decreasing	5	9	No	0.285880318	0.00	0.979517288	Decreasing
PTX06-1155	634603.74	3755215.62	NI	10/26/2009	3/30/2021	33	10	No	2.327598219	0.00	0.992357226	Decreasing	4	0	No	0.0869846	0.00	0.633632234	No Trend	33	10	No	2.327598219	0.00	0.992357226	Decreasing	10	4	No	0.357693041	0.00	0.952880127	Increasing
PTX06-1155	634603.74	3755215.62	V	10/26/2009	3/30/2021	14	29	No	0.594971079	0.00	0.998482664	Decreasing	4	0	No	0.089686485	0.00	0.627693754	No Trend	14	29	No	0.594971079	0.00	0.998482664	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1155	634603.74	3755215.62	TOC	10/26/2009	11/10/2021	44	1	No	1.746386485	0.00	0.962363462	Increasing	4	0	No	0.332876592	0.00	0.947132349	Probably Decreasing	44	1	No	1.746386485	0.00	0.962363462	Increasing	16	0	No	0.239827121	0.00	0.998377959	Decreasing
PTX06-1155	634603.74	3755215.62	TVFA	10/26/2009	11/12/2019	40	1	No	2.695415906	0.00	0.999588934	Decreasing	4	0	No	0.48862731	0.00	0.65159629	No Trend	40	1	No	2.695415906	0.00	0.999588934	Decreasing	11	1	No	0.744266791	0.00	0.815465464	Stable
PTX06-1156	636378.92	3755076.47	RDX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	HMX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNT	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT24	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT26	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT2A	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNT4A	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNB135	10/26/2009	11/10/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNB13	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	MNX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DNX	10/26/2009	11/10/2021	0	44	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	44	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TNX	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DIOXANE14	10/26/2009	11/10/2021	36	9	No	1.08347897	0.00	1	Increasing	4	0	No	0.179836963	0.00	0.997386728	Increasing	36	9	No	1.08347897	0.00	1	Increasing	16	0	No	0.723882155	0.00	1	Increasing
PTX06-1156	636378.92	3755076.47	PCE	10/26/2009	11/10/2021	3	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1156	636378.92	3755076.47	TCE	10/26/2009	11/10/2021	17	28	No	0.754532866	0.00	0.984393338	Decreasing	4	0	No	0.888244032	0.01	0.983409442	Increasing	17	28	No	0.754532866	0.00	0.984393338	Decreasing	6	10	No	1.14351511	0.00	0.998067595	Increasing
PTX06-1156	636378.92	3755076.47	DCE12C	10/26/2009	11/10/2021	29	16	No	0.872437029	0.00	0.927881599	Probably Increasing	4	0	No	0.651836009	0.01	0.997177517	Increasing	29	16	No	0.872437029	0.00	0.927881599	Probably Increasing	9	7	No	1.027748447	0.00	0.999999964	Increasing
PTX06-1156	636378.92	3755076.47	DCE12T	10/26/2009	11/10/2021	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	44	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	DCA12	10/26/2009	11/10/2021	12	33	No	0.518652113	0.00	0.999024215	Increasing	4	0	No	0.307477422	0.00	0.939454286	Probably Increasing	12	33	No	0.518652113	0.00	0.999024215	Increasing	9	7	No	0.441136668	0.00	0.999139038	Increasing
PTX06-1156	636378.92	3755076.47	TCLME	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	VC	10/26/2009	11/10/2021	0	45	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	45	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	PERC	10/26/2009	11/10/2021	7	38	No	0.353496685	0.00	0.86218989	Stable	4	0	No	0.48858073	0.00	0.760278121	Stable	7	38	No	0.353496685	0.00	0.86218989	Stable	0	16	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	B	10/26/2009	3/30/2021	42	1	No	0.318157008	0.00	0.99682322	Increasing	4	0	No	0.1518817	0.00	0.649274247	Stable	42	1	No	0.318157008	0.00	0.99682322	Increasing	14	0	No	0.222295399	0.00	0.985238115	Decreasing
PTX06-1156	636378.92	3755076.47	CR	10/26/2009	3/30/2021	11	32	No	1.130353603	0.00	0.754091529	No Trend	4	0	No	0.849456649	0.00	0.764697367	Stable	11	32	No	1.130353603	0.00	0.754091529	No Trend	0	14	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	AS	10/26/2009	11/10/2021	43	2	No	0.455706405	0.00	0.999999767	Increasing	4	0	No	0.114588603	0.00	0.522392853	No Trend	43	2	No	0.455706405	0.00	0.999999767	Increasing	16	0	No	0.183237819	0.00	0.996787951	Increasing
PTX06-1156	636378.92	3755076.47	BA	10/26/2009	11/10/2021	45	0	No	0.534189554	0.00	0.999999994	Increasing	4	0	No	0.10708985	0.00	0.826330365	Stable	45	0	No	0.534189554	0.00	0.999999994	Increasing	16	0	No	0.145874481	0.00	0.977809621	Decreasing
PTX06-1156	636378.92	3755076.47	FE	10/26/2009	11/10/2021	44	1	No	0.673037045	0.00	0.999941604	Increasing	4	0	No	0.147511482	0.00	0.873432797	No Trend	44	1	No	0.673037045	0.00	0.999941604	Increasing	16	0	No	0.139900308	0.00	0.686690828	Stable
PTX06-1156	636378.92	3755076.47	MN	10/26/2009	11/10/2021	45	0	No	1.306524316	0.00	0.999017837	Increasing	4	0	No	0.29337121	0.00	0.553229849	No Trend	45	0	No	1.306524316	0.00	0.999017837	Increasing	16	0	No	0.285465431	0.00	0.987671013	Decreasing
PTX06-1156	636378.92	3755076.47	MO	10/26/2009	3/30/2021	40	3	No	0.427723352	0.00	0.99041568	Decreasing	4	0	No	0.327710905	0.00	0.670652313	No Trend	40	3	No	0.427723352	0.00	0.99041568	Decreasing	12	2	No	0.309964583	0.00	0.894497825	No Trend
PTX06-1156	636378.92	3755076.47	NI	10/26/2009	3/30/2021	39	4	No	1.904027761	0.00	0.913768847	Probably Decreasing	4	0	No	0.293150985	0.00	0.646539472	No Trend	39	4	No	1.904027761	0.00	0.913768847	Probably Decreasing	12	2	No	0.525651637	0.00	0.876772219	No Trend
PTX06-1156	636378.92	3755076.47	V	10/26/2009	3/30/2021	10	33	No	0.542956215	0.00	0.992564476	Decreasing	4	0	No	0.948120949	-0.01	0.972444937	Decreasing	10	33	No	0.542956215	0.00	0.992564476	Decreasing	0	14	No	0	0.00	0	All Non-Detect
PTX06-1156	636378.92	3755076.47	TOC	10/26/2009	11/10/2021	41	4	No	2.015833022	0.00	0.839883889	No Trend	4	0	No	0.159988866	0.00	0.614092444	Stable	41	4	No	2.015833022	0.00	0.839883889	No Trend	16	0	No	0.556565403	0.00	0.999610425	Decreasing
PTX06-1156	636378.92	3755076.47	TVFA	10/26/2009	11/12/2019	41	0	No	2.516129918	0.00	0.989684072	Decreasing	4	0	No	0.722021044	0.00	0.696575501	No Trend	41	0	No	2.516129918	0.00	0.989684072	Decreasing	12	0	No	0.668322329	0.00	0.996388573	Decreasing
PTX06-1173	634197.62	3755312.40	RDX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	HMX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	TNT	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNT24	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNT26	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNT2A	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNT4A	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	TNB135	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNB13	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	MNX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	DNX	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	TNX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect

PTX06-1173	634197.62	3755312.40	DIOXANE14	6/8/2016	11/16/2021	17	0	No	0.431483803	0.00	0.999383339	Increasing	4	0	No	0.191983344	0.00	0.944633756	Probably Decreasing	17	0	No	0.431483803	0.00	0.999383339	Increasing	16	0	No	0.41427676	0.00	0.998068432	Increasing
PTX06-1173	634197.62	3755312.40	PCE	6/8/2016	11/16/2021	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	14	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	TCE	6/8/2016	11/16/2021	15	2	No	1.407600392	0.00	0.63196502	No Trend	4	0	No	1.788717358	-0.01	0.996420189	Decreasing	15	2	No	1.407600392	0.00	0.63196502	No Trend	14	2	No	1.562141087	0.00	0.841005064	No Trend
PTX06-1173	634197.62	3755312.40	DCE12C	6/8/2016	11/16/2021	17	0	No	0.422679929	0.00	0.724927265	Stable	4	0	No	0.584842659	0.00	0.877030378	Stable	17	0	No	0.422679929	0.00	0.724927265	Stable	16	0	No	0.434574671	0.00	0.599395723	Stable
PTX06-1173	634197.62	3755312.40	DCE12T	6/8/2016	11/16/2021	6	11	No	0.458522759	0.00	0.948117853	Probably Increasing	4	0	No	0.41531088	0.00	0.724412995	No Trend	6	11	No	0.458522759	0.00	0.948117853	Probably Increasing	5	11	No	0.422981761	0.00	0.864872067	No Trend
PTX06-1173	634197.62	3755312.40	DCA12	6/8/2016	11/16/2021	17	0	No	0.656162975	0.00	0.999593023	Increasing	4	0	No	0.303328852	0.00	0.996479707	Decreasing	17	0	No	0.656162975	0.00	0.999593023	Increasing	16	0	No	0.64176407	0.00	0.999312674	Increasing
PTX06-1173	634197.62	3755312.40	TCLME	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	VC	6/8/2016	11/16/2021	10	7	No	0.831411754	0.00	0.879854201	No Trend	4	0	No	0.731572098	0.01	0.739656327	No Trend	10	7	No	0.831411754	0.00	0.879854201	No Trend	10	6	No	0.831411754	0.00	0.879854201	No Trend
PTX06-1173	634197.62	3755312.40	PERC	6/8/2016	11/16/2021	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1173	634197.62	3755312.40	B	6/8/2016	4/5/2021	15	0	No	0.20538548	0.00	0.984465599	Decreasing	4	0	No	0.112271179	0.00	0.593423765	No Trend	15	0	No	0.20538548	0.00	0.984465599	Decreasing	14	0	No	0.2133851	0.00	0.988606738	Decreasing
PTX06-1173	634197.62	3755312.40	CR	6/8/2016	4/5/2021	0	15	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect	0	14	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	AS	6/8/2016	11/16/2021	17	0	No	0.339276158	0.00	0.942693917	Probably Increasing	4	0	No	0.079431111	0.00	0.998109192	Increasing	17	0	No	0.339276158	0.00	0.942693917	Probably Increasing	16	0	No	0.23005337	0.00	0.543286959	Stable
PTX06-1173	634197.62	3755312.40	BA	6/8/2016	11/16/2021	17	0	No	0.600583171	0.00	0.970307954	Decreasing	4	0	No	0.322573815	0.00	0.948932719	Probably Increasing	17	0	No	0.600583171	0.00	0.970307954	Decreasing	16	0	No	0.579865666	0.00	0.998542766	Decreasing
PTX06-1173	634197.62	3755312.40	FE	6/8/2016	11/16/2021	17	0	No	0.873603506	0.00	0.800754504	Stable	4	0	No	0.261780105	0.00	0.878710102	No Trend	17	0	No	0.873603506	0.00	0.800754504	Stable	16	0	No	0.81385926	0.00	0.999959089	Decreasing
PTX06-1173	634197.62	3755312.40	MN	6/8/2016	11/16/2021	17	0	No	1.018316446	0.00	0.800459517	No Trend	4	0	No	0.23570226	0.00	0.930535272	Probably Increasing	17	0	No	1.018316446	0.00	0.800459517	No Trend	16	0	No	0.970772169	0.00	0.996062048	Decreasing
PTX06-1173	634197.62	3755312.40	MO	6/8/2016	4/5/2021	11	4	No	0.221335263	0.00	0.691019429	No Trend	4	0	No	0.209707774	0.00	0.923805325	Probably Decreasing	11	4	No	0.221335263	0.00	0.691019429	No Trend	11	3	No	0.221335263	0.00	0.691019429	No Trend
PTX06-1173	634197.62	3755312.40	NI	6/8/2016	4/5/2021	11	4	No	0.571031608	0.00	0.962644432	Increasing	4	0	No	0.552280123	0.00	0.573234676	Stable	11	4	No	0.571031608	0.00	0.962644432	Increasing	10	4	No	0.541033916	0.00	0.897593238	No Trend
PTX06-1173	634197.62	3755312.40	V	6/8/2016	4/5/2021	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	14	No	0	0.00	0	All Non-Detect
PTX06-1173	634197.62	3755312.40	TOC	6/8/2016	11/16/2021	17	0	No	2.070848555	0.00	0.843140712	No Trend	4	0	No	0.582130214	0.00	0.993562527	Increasing	17	0	No	2.070848555	0.00	0.843140712	No Trend	16	0	No	2.011994663	0.00	0.978299014	Decreasing
PTX06-1173	634197.62	3755312.40	TVFA	6/8/2016	11/13/2019	11	2	No	3.230008069	0.00	0.888723546	No Trend	4	0	No	0.876552601	0.00	0.943347836	Probably Decreasing	11	2	No	3.230008069	0.00	0.888723546	No Trend	10	2	No	3.079024403	-0.01	0.991001344	Decreasing
PTX06-1174	633904.63	3755489.15	RDX	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	HMX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	TNT	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNT24	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNT26	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNT2A	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNT4A	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	TNB135	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNB13	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	MNX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DNX	6/8/2016	11/16/2021	5	12	No	1.048536175	0.00	0.794943259	No Trend	4	0	No	1.111063114	0.00	0.84220069	No Trend	5	12	No	1.048536175	0.00	0.794943259	No Trend	5	11	No	1.048536175	0.00	0.794943259	No Trend
PTX06-1174	633904.63	3755489.15	TNX	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	DIOXANE14	6/8/2016	11/16/2021	15	2	No	0.527910408	0.00	0.90905221	Probably Increasing	4	0	No	0.318416231	0.00	0.938106616	Probably Decreasing	15	2	No	0.527910408	0.00	0.90905221	Probably Increasing	14	2	No	0.543432215	0.00	0.986335998	Increasing
PTX06-1174	633904.63	3755489.15	PCE	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	TCE	6/8/2016	11/16/2021	13	4	No	3.131883962	0.00	0.890300966	No Trend	4	0	No	0.442925806	0.00	0.626098051	Stable	13	4	No	3.131883962	0.00	0.890300966	No Trend	12	4	No	1.511954347	0.00	0.622388989	No Trend
PTX06-1174	633904.63	3755489.15	DCE12C	6/8/2016	11/16/2021	17	0	No	1.272265169	0.00	0.519878311	No Trend	4	0	No	1.083274538	-0.01	0.976950909	Decreasing	17	0	No	1.272265169	0.00	0.519878311	No Trend	16	0	No	1.23732981	0.00	0.609919128	No Trend
PTX06-1174	633904.63	3755489.15	DCE12T	6/8/2016	11/16/2021	3	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	13	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1174	633904.63	3755489.15	DCA12	6/8/2016	11/16/2021	13	4	No	0.660321496	0.00	0.621983768	No Trend	4	0	No	0.039229697	0.00	0.97578487	Decreasing	13	4	No	0.660321496	0.00	0.621983768	No Trend	12	4	No	0.432844182	0.00	0.973626704	Increasing
PTX06-1174	633904.63	3755489.15	TCLME	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	VC	6/8/2016	11/16/2021	5	12	No	0.708223009	0.00	0.890705982	Stable	4	0	No	0.79085749	0.00	0.821176664	Stable	5	12	No	0.708223009	0.00	0.890705982	Stable	5	11	No	0.708223009	0.00	0.890705982	Stable
PTX06-1174	633904.63	3755489.15	PERC	6/8/2016	11/16/2021	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	B	6/8/2016	4/5/2021	15	0	No	0.33811884	0.00	0.798825762	Stable	4	0	No	0.086802224	0.00	0.669600706	No Trend	15	0	No	0.33811884	0.00	0.798825762	Stable	14	0	No	0.311902767	0.00	0.985152795	Decreasing
PTX06-1174	633904.63	3755489.15	CR	6/8/2016	4/5/2021	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	14	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	14	No	0	0.00	0	All Non-Detect
PTX06-1174	633904.63	3755489.15	AS	6/8/2016	11/16/2021	17	0	No	0.338957833	0.00	0.951459584	Increasing	4	0	No	0.210484843	0.00	0.936935456	Probably Decreasing	17	0	No	0.338957833	0.00	0.951459584	Increasing	16	0	No	0.228411371	0.00	0.540872393	No Trend
PTX06-1174	633904.63	3755489.15	BA	6/8/2016	11/16/2021	17	0	No	0.618195817	0.00	0.649202249	Stable	4	0	No	0.153846154	0.00	0.964259231	Decreasing	17	0	No	0.618195817	0.00	0.649202249	Stable	16	0	No	0.573291747	0.00	0.951240886	Decreasing
PTX06-1174	633904.63	3755489.15	FE	6/8/2016	11/16/2021	16	1	No	0.820698151	0.00	0.968139166	Decreasing	4	0	No	0.175249828	0.00	0.930524449	Probably Decreasing	16	1	No	0.820698151	0.00	0.968139166	Decreasing	16	0	No	0.820698151	0.00	0.968139166	Decreasing
PTX06-1174	633904.63	3755489.15	MN	6/8/2016	11/16/2021	17	0	No	1.251744698	0.00	0.710787605	No Trend	4	0	No	0.251399857	0.00	0.895365605	Stable	17	0	No	1.251744698	0.00	0.710787605	No Trend	16	0	No	1.190875242	0.00	0.980301707	Decreasing
PTX06-1174	633904.63	3755489.15	MO	6/8/2016	4/5/2021	11	4	No	0.584963619	0.00	0.914034645	Probably Increasing	4	0	No	0.530278711	0.00	0.575543727	Stable	11	4	No	0.584963619	0.00	0.914034645	Probably Increasing	10	4	No	0.595804396	0.00	0.91128134	Probably Increasing
PTX06-1174	633904.63	3755489.15	NI	6/8/2016	4/5/2021	11	4	No	1.081971365	0.00	0.998443755	Increasing	4	0	No	0.884898547	0.01	0.973201642	Increasing	11	4	No	1.081971365	0.00	0.998443755	Increasing	11	3	No	1.081971365	0.00	0.998443755	Increasing
PTX06-1174	633904.63	3755489.15	V	6/8/2016	4/5/2021	3	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	12	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	12	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1174	633904.63	3755489.15	TOC	6/8/2016	11/16/2021	16	1	No	1.509539113	0.00	0.784547725	No Trend	4	0	No	0.220831799	0.00	0.872497119	Stable	16	1	No	1.509539113	0.00	0.784547725	No Trend	16	0	No	1.509539113	0.00	0.784547725	No Trend
PTX06-1174	633904.63	3755489.15	TVFA	6/8/2016	11/13/2019	12	1	No	3.046273724	0.00	0.901019571	Probably Decreasing	4	0	No	0.9563016	0.00	0.647826573	No Trend	12	1	No	3.046273724	0.00	0.901019571	Probably Decreasing	11	1	No	2.9131489	-0.01	0.989270004	Decreasing
PTX06-1175	633416.97	3755651.06	RDX	6/8/2016	11/16/2021	17	0	No	0.443980773	0.00	0.78228447	No Trend	4	0	No	0.639643864	0.01	0.98674845	Increasing	17	0	No	0.443980773	0.00	0.78228447	No Trend	16	0	No	0.448167038	0.00	0.764778115	No Trend
PTX06-1175	633416.97	3755651.06	HMX	6/8/2016	11/16/2021	6	11	No	0.546720142	0.00	0.973713494	Increasing	4	0	No	0.516471579	0.00	0.837381974	No Trend	6	11	No	0.546720142	0.00	0.973713494	Increasing	6	10	No	0.546720142	0.00	0.973713494	Increasing
PTX06-1175	633416.97	3755651.06	TNT	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DNT24	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DNT26	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DNT2A	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DNT4A	6/8/2016	11/16/2021	13	4	No	0.619433899	0.00	0.998279308	Decreasing	4	0	No	0.48305287	0.00	0.568382173	No Trend	13	4	No	0.619433899	0.00	0.998279308	Decreasing	12	4	No	0.643410522	0.00	0.995852617	Decreasing
PTX06-1175	633416.97	3755651.06	TNB135	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DNB13	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	MNX	6/8/2016	11/16/2021	7	10	No	0.548036445	0.00	0.898162945	No Trend	4	0	No	0.668001543	0.00	0.81699847	No Trend	7	10	No	0.548036445	0.00	0.898162945	No Trend	7	9	No	0.548036445	0.00	0.898162945	No Trend
PTX06-1175	633416.97	3755651.06	DNX	6/8/2016	11/16/2021	4	13	No	1.012309873	0.00	0.669354572	No Trend	4	0	No	1.012309873	0.00	0.669354572	No Trend	4	13	No	1.012309873	0.00	0.669354572	No Trend	4	12	No	1.012309873	0.00	0.669354572	No Trend
PTX06-1175	633416.97	3755651.06	TNX	6/8/2016	11/16/2021	16	1	No	0.448638027	0.00	0.697180658	Stable	4	0	No	0.715923531	0.01	0.956160366	Increasing	16	1	No	0.448638027	0.00	0.697180658	Stable	15	1	No	0.467230739	0.00	0.636803012	Stable
PTX06-1175	633416.97	3755651.06	DIOXANE14	6/8/2016	11/16/2021	17	0	No	0.442538291	0.00	0.999978472	Increasing	4	0	No	0.220378467	0.00	0.916888294	Probably Decreasing	17	0	No	0.442538291	0.00	0.999978472	Increasing	16	0	No	0.433334381	0.00	0.999957779	Increasing
PTX06-1175	633416.97	3755651.06	PCE	6/8/2016	11/16/2021	6	11	No	0.719614504	0.00	0.738659244	No Trend	4	0	No	0.579046239	0.00	0.766475665	Stable	6	11	No	0.719614504	0.00	0.738659244	No Trend	6	10	No	0.719614504	0.00	0.738659244	No Trend
PTX06-1175	633416.97	3755651.06	TCE	6/8/2016	11/16/2021	17	0	No	0.295863525	0.00	0.99920467	Decreasing	4	0	No	0.404208705	0.00	0.855443744	Stable	17	0	No	0.295863525	0.00	0.99920467	Decreasing	16	0	No	0.306316645	0.00	0.999394763	Decreasing
PTX06-1175	633416.97	3755651.06	DCE12C	6/8/2016	11/16/2021	17	0	No	1.433324197	0.00	0.997037118	Increasing	4	0	No	1.054627985	0.00	0.788443072	No Trend	17	0	No	1.433324197	0.00	0.997037118	Increasing	16	0	No	1.402863255	0.00	0.996758542	Increasing
PTX06-1175	633416.97	3755651.06	DCE12T	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	DCA12	6/8/2016	11/16/2021	17	0	No	0.326468507	0.00	0.999967481	Increasing	4	0	No	0.146808264	0.00	0.5554068	Stable	17	0	No	0.326468507	0.00	0.999967481	Increasing	16	0	No	0.326717894	0.00	0.999964688	Increasing
PTX06-1175	633416.97	3755651.06	TCLME	6/8/2016	11/16/2021	17	0	No	0.664695083	0.00	1	Increasing	4	0	No	0.693785362	0.00	0.852624724	No Trend	17	0	No	0.664695083	0.00	1	Increasing	16	0	No	0.685590612	0.00	0.548003077	No Trend
PTX06-1175	633416.97	3755651.06	VC	6/8/2016	11/16/2021	0	17	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	17	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-1175	633416.97	3755651.06	PERC	6/8/2016	11/16/2021	14	3	No	0.722769671	0.00	0.990301088	Decreasing	4	0	No	1.067741321	0.01	0.811509355	No Trend	14	3	No	0.722769671	0.00	0.990301088	Decreasing	13	3	No	0.723427171	0.00	0.979957322	Decreasing
PTX06-1175	633416.97	3755651.06	B	6/8/2016	4/5/2021	15	0	No	0.388804361	0.00	0.56588099	No Trend	4	0	No	0.596031218	0.00	0.691332714	Stable	15	0	No	0.388804361	0.00	0.56588099	No Trend	14	0	No	0.400858402	0.00	0.559295924	No Trend
PTX06-1175	633416.97	3755651.06	CR	6/8/2016	4/5/2021	7	8	No	1.799808419	0.00	0.951384485	Increasing	4	0	No	1.684871819	0.01	0.784238823	No Trend	7	8	No	1.799808419	0.00	0.951384485	Increasing	6	8	No	1.88016422	0.00	0.995202952	Increasing
PTX06-1175	633416.97	3755651.06	AS	6/8/2016	11/16/2021	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	15	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1175	633416.97	3755651.06	BA	6/8/2016	11/16/2021	17	0	No	0.411759233	0.00	0.987766193	Increasing	4	0	No	0.285837935	0.00	1	Increasing	17	0	No	0.411759233	0.00	0.987766193	Increasing	16	0	No	0.416630627	0.00	0.986779249	Increasing
PTX06-1175	633416.97	3755651.06	FE	6/8/2016	11/16/2021	17	0	No	1.476920914	0.00	0.942381254	Probably Increasing	4	0	No	0.708255431	0.00	0.745877808	Stable	17	0	No	1.476920914	0.00	0.942381254	Probably Increasing	16	0	No	1.580121052	0.00	0.992463444	Increasing
PTX06-1175	633416.97	3755651.06	MN	6/8/2016	11/16/2021	17	0	No	1.904207984	0.00	0.796259362	No Trend	4	0	No	0.963186954	0.00	0.831517699	No Trend	17	0	No	1.904207984	0.00	0.796259362	No Trend	16	0	No	1.321718809	0.00	0.987996909	Increasing
PTX06-1175	633416.97	3755651.06	MO	6/8/2016	4/5/2021	11	4	No	0.36769089	0.00	0.999828288	Decreasing	4	0	No	0.296071939	0.00	0.990905472	Decreasing	11	4	No	0.36769089	0.00	0.999828288	Decreasing	10	4	No	0.389305724	0.00	0.999956284	Decreasing
PTX06-1175	633416.97	3755651.06	NI	6/8/2016	4/5/2021	15	0	No	1.578432993	0.00	0.891075007	No Trend	4	0	No	1.180490003	0.00	0.771410891	No Trend	15	0	No	1.578432993	0.00	0.891075007	No Trend	14	0	No	1.705724007	0.00	0.984929594	Increasing
PTX06-1175	633416.97	3755651.06	V	6/8/2016	4/5/2021	15	0	No	0.159282114	0.00	0.952769684	Decreasing	4	0	No	0.167863955	0.00	0.754352174	No Trend	15	0	No	0.159282114	0.00	0.952769684	Decreasing	14	0	No	0.130551954	0.00	0.79484926	Stable
PTX06-1175	633416.97	3755651.06	TOC	6/8/2016	11/16/2021	11	6	No	0.882102762	0.00	0.870783261	No Trend	4	0	No	1.016451678	0.00	0.84248755	No Trend	11	6	No	0.882102762	0.00	0.870783261	No Trend	11	5	No	0.882102762	0.00	0.870783261	No Trend
PTX06-1175	633416.97	3755651.06	TVFA	6/8/2016	11/13/2019	12	1	No	0.928515786	0.00	0.792142436	Stable	4	0	No	0.608371604	0.00	0.975367426	Decreasing	12	1	No	0.928515786	0.00	0.792142436	Stable	11	1	No	0.871802517	0.00	0.990170557	Decreasing
PTX06-1191	648996.85	3750720.88	RDX	2/13/2018	8/16/2021	8	0	No	0.175099022	0.00	0.87004542	No Trend	4	0	No	0.114548045	0.00	0.83947073	No Trend	8	0	No	0.175099022	0.00	0.87004542	No Trend	8	0	No	0.175099022	0.00	0.87004542	No Trend
PTX06-1191	648996.85	3750720.88	HMX	2/13/2018	8/16/2021	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	5	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	TNT	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DNT24	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DNT26	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DNT2A	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DNT4A	2/13/2018	8/16/2021	8	0	No	0.219151818	0.00	0.981851399	Decreasing	4	0	No	0.291574231	0.00	0.966884359	Decreasing	8	0	No	0.219151818	0.00	0.981851399	Decreasing	8	0	No	0.219151818	0.00	0.981851399	Decreasing
PTX06-1191	648996.85	3750720.88	TNB135	2/13/2018	8/16/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	DNB13	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	MNX	2/13/2018	8/16/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	DNX	2/13/2018	8/16/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	TNX	2/13/2018	8/16/2021	8	0	No	0.225310125	0.00	0.981531679	Increasing	4	0	No	0.22346675	0.00	0.978733291	Increasing	8	0	No	0.225310125	0.00	0.981531679	Increasing	8	0	No	0.225310125	0.00	0.981531679	Increasing
PTX06-1191	648996.85	3750720.88	PCE	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	TCE	2/13/2018	8/16/2021	4	4	No	0.553236825	0.00	0.97842387	Increasing	4	0	No	0.553236825	0.00	0.97842387	Increasing	4	4	Yes	0.553236825	0.00	0.97842387	Increasing	4	4	Yes	0.553236825	0.00	0.97842387	Increasing
PTX06-1191	648996.85	3750720.88	DCE12C	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DCE12T	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	DCA12	2/13/2018	8/16/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	TCLME	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	VC	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	B	10/1/2018	3/31/2021	5	0	No	0.117960403	0.00	0.849206256	Stable	4	0	No	0.135183791	0.00	0.890356352	Stable	5	0	No	0.117960403	0.00	0.849206256	Stable	5	0	No	0.117960403	0.00	0.849206256	Stable
PTX06-1191	648996.85	3750720.88	CR	2/13/2018	3/31/2021	5	1	No	0.439571452	0.00	0.682227949	No Trend	4	0	No	0.402546685	0.00	0.563880281	Stable	5	1	No	0.439571452	0.00	0.682227949	No Trend	5	1	No	0.439571452	0.00	0.682227949	No Trend
PTX06-1191	648996.85	3750720.88	AS	2/13/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1191	648996.85	3750720.88	BA	2/13/2018	8/16/2021	7	0	No	0.175739851	0.00	0.681532596	No Trend	4	0	No	0.142330848	0.00	0.910529181	Probably Increasing	7	0	No	0.175739851	0.00	0.681532596	No Trend	7	0	No	0.175739851	0.00	0.681532596	No Trend
PTX06-1191	648996.85	3750720.88	FE	2/13/2018	8/16/2021	7	0	No	0.510491617	0.00	0.736497611	No Trend	4	0	No	0.54262747	0.00	0.518718365	No Trend	7	0	No	0.510491617	0.00	0.736497611	No Trend	7	0	No	0.510491617	0.00	0.736497611	No Trend
PTX06-1191	648996.85	3750720.88	MN	2/13/2018	8/16/2021	7	0	No	0.48179128	0.00	0.83475541	Stable	4	0	No	0.314948596	0.00	0.612473438	No Trend	7	0	No	0.48179128	0.00	0.83475541	Stable	7	0	No	0.48179128	0.00	0.83475541	Stable
PTX06-1191	648996.85	3750720.88	MO	6/13/2019	3/31/2021	4	0	No	0.146552473	0.00	0.860547649	Stable	4	0	No	0.146552473	0.00	0.860547649	Stable	4	0	No	0.146552473	0.00	0.860547649	Stable	4	0	No	0.146552473	0.00	0.860547649	Stable
PTX06-1191	648996.85	3750720.88	NI	6/13/2019	3/31/2021	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1191	648996.85	3750720.88	V	6/13/2019	3/31/2021	4	0	No	0.111454293	0.00	1	Increasing	4	0	No	0.111454293	0.00	1	Increasing	4	0	No	0.111454293	0.00	1	Increasing	4	0	No	0.111454293	0.00	1	Increasing
PTX06-1191	648996.85	3750720.88	TOC	2/13/2018	8/16/2021	5	2	No	0.327751648	0.00	0.99004467	Increasing	4	0	No	0.298962598	0.00	0.956516688	Increasing	5	2	No	0.327751648	0.00	0.99004467	Increasing	5	2	No	0.327751648	0.00	0.99004467	Increasing
PTX06-1191	648996.85	3750720.88	TVFA	2/13/2018	10/21/2019	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1194	648355.41	3750477.77	RDX	2/13/2018	8/16/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1194	648355.41	3750477.77	HMX	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNT	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT24	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT26	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT2A	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNT4A	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNB135	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNB13	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	MNX	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DNX	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TNX	2/13/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	PCE	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	TCE	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCE12C	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCE12T	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	DCA12	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect

PTX06-1194	648355.41	3750477.77	TCLME	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	VC	2/22/2018	8/16/2021	0	8	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect	0	8	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	B	10/1/2018	3/31/2021	5	0	No	0.092312791	0.00	0.63456487	No Trend	4	0	No	0.101430103	0.00	0.724853075	Stable	5	0	No	0.092312791	0.00	0.63456487	No Trend	5	0	No	0.092312791	0.00	0.63456487	No Trend
PTX06-1194	648355.41	3750477.77	CR	2/22/2018	3/31/2021	0	6	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect	0	6	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	AS	2/22/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1194	648355.41	3750477.77	BA	2/22/2018	8/16/2021	7	0	No	0.187027869	0.00	0.823983694	No Trend	4	0	No	0.196930216	0.00	0.919535615	Probably Increasing	7	0	No	0.187027869	0.00	0.823983694	No Trend	7	0	No	0.187027869	0.00	0.823983694	No Trend
PTX06-1194	648355.41	3750477.77	FE	2/22/2018	8/16/2021	4	3	No	0.393897733	0.00	0.936836688	Probably Increasing	4	0	No	0.393897733	0.00	0.936836688	Probably Increasing	4	3	No	0.393897733	0.00	0.936836688	Probably Increasing	4	3	No	0.393897733	0.00	0.936836688	Probably Increasing
PTX06-1194	648355.41	3750477.77	MN	2/22/2018	8/16/2021	7	0	No	1.390752205	0.00	0.701320577	No Trend	4	0	No	0.982979362	0.00	0.870478725	No Trend	7	0	No	1.390752205	0.00	0.701320577	No Trend	7	0	No	1.390752205	0.00	0.701320577	No Trend
PTX06-1194	648355.41	3750477.77	MO	6/13/2019	3/31/2021	4	0	No	0.216227842	0.00	0.985013208	Decreasing	4	0	No	0.216227842	0.00	0.985013208	Decreasing	4	0	No	0.216227842	0.00	0.985013208	Decreasing	4	0	No	0.216227842	0.00	0.985013208	Decreasing
PTX06-1194	648355.41	3750477.77	NI	6/13/2019	3/31/2021	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1194	648355.41	3750477.77	V	6/13/2019	3/31/2021	4	0	No	0.155935392	0.00	0.854625479	No Trend	4	0	No	0.155935392	0.00	0.854625479	No Trend	4	0	No	0.155935392	0.00	0.854625479	No Trend	4	0	No	0.155935392	0.00	0.854625479	No Trend
PTX06-1194	648355.41	3750477.77	TOC	2/22/2018	8/16/2021	6	1	No	0.524967988	0.00	0.927198752	Probably Increasing	4	0	No	0.500341391	0.00	0.959989309	Increasing	6	1	No	0.524967988	0.00	0.927198752	Probably Increasing	6	1	No	0.524967988	0.00	0.927198752	Probably Increasing
PTX06-1194	648355.41	3750477.77	TVFA	2/22/2018	10/21/2019	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	RDX	8/20/2018	8/16/2021	7	0	No	0.19984544	0.00	0.956674353	Increasing	4	0	No	0.132881219	0.00	0.821018336	No Trend	7	0	No	0.19984544	0.00	0.956674353	Increasing	7	0	No	0.19984544	0.00	0.956674353	Increasing
PTX06-1196	649710.26	3750989.94	HMX	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	TNT	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT24	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT26	8/20/2018	8/16/2021	7	0	No	0.130514129	0.00	0.692137687	Stable	4	0	No	0.121203816	0.00	0.702415215	Stable	7	0	No	0.130514129	0.00	0.692137687	Stable	7	0	No	0.130514129	0.00	0.692137687	Stable
PTX06-1196	649710.26	3750989.94	DNT2A	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DNT4A	8/20/2018	8/16/2021	7	0	No	0.245682409	0.00	0.604308606	Stable	4	0	No	0.275424808	0.00	0.876905634	Stable	7	0	No	0.245682409	0.00	0.604308606	Stable	7	0	No	0.245682409	0.00	0.604308606	Stable
PTX06-1196	649710.26	3750989.94	TNB135	8/20/2018	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	DNB13	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	MNX	8/20/2018	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	DNX	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	TNX	8/20/2018	8/16/2021	7	0	No	0.622449174	0.00	0.996829296	Increasing	4	0	No	0.353970259	0.00	0.79773276	No Trend	7	0	No	0.622449174	0.00	0.996829296	Increasing	7	0	No	0.622449174	0.00	0.996829296	Increasing
PTX06-1196	649710.26	3750989.94	PCE	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	TCE	8/20/2018	8/16/2021	6	1	No	0.204735214	0.00	0.955623446	Increasing	4	0	No	0.208021308	0.00	0.989673327	Increasing	6	1	No	0.204735214	0.00	0.955623446	Increasing	6	1	No	0.204735214	0.00	0.955623446	Increasing
PTX06-1196	649710.26	3750989.94	DCE12C	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DCE12T	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	DCA12	8/20/2018	8/16/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	TCLME	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	VC	8/20/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	B	6/13/2019	3/31/2021	4	0	No	0.130410133	0.00	0.96055285	Decreasing	4	0	No	0.130410133	0.00	0.96055285	Decreasing	4	0	No	0.130410133	0.00	0.96055285	Decreasing	4	0	No	0.130410133	0.00	0.96055285	Decreasing
PTX06-1196	649710.26	3750989.94	CR	6/13/2019	3/31/2021	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	AS	10/2/2018	8/16/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	BA	10/2/2018	8/16/2021	7	0	No	0.216465882	0.00	0.593437903	Stable	4	0	No	0.2278401	0.00	0.891430917	No Trend	7	0	No	0.216465882	0.00	0.593437903	Stable	7	0	No	0.216465882	0.00	0.593437903	Stable
PTX06-1196	649710.26	3750989.94	FE	10/2/2018	8/16/2021	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	4	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1196	649710.26	3750989.94	MN	10/2/2018	8/16/2021	6	1	No	2.060940242	0.00	0.919216051	Probably Decreasing	4	0	No	0.623441199	0.00	0.843629721	Stable	6	1	No	2.060940242	0.00	0.919216051	Probably Decreasing	6	1	No	2.060940242	0.00	0.919216051	Probably Decreasing
PTX06-1196	649710.26	3750989.94	MO	6/13/2019	3/31/2021	4	0	No	0.12532303	0.00	0.942190565	Probably Decreasing	4	0	No	0.12532303	0.00	0.942190565	Probably Decreasing	4	0	No	0.12532303	0.00	0.942190565	Probably Decreasing	4	0	No	0.12532303	0.00	0.942190565	Probably Decreasing
PTX06-1196	649710.26	3750989.94	NI	6/13/2019	3/31/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect
PTX06-1196	649710.26	3750989.94	V	6/13/2019	3/31/2021	4	0	No	0.074226962	0.00	0.580816286	Stable	4	0	No	0.074226962	0.00	0.580816286	Stable	4	0	No	0.074226962	0.00	0.580816286	Stable	4	0	No	0.074226962	0.00	0.580816286	Stable
PTX06-1196	649710.26	3750989.94	TOC	10/2/2018	8/16/2021	4	3	No	0.683775427	0.00	0.910947548	Probably Increasing	4	0	No	0.683775427	0.00	0.910947548	Probably Increasing	4	3	No	0.683775427	0.00	0.910947548	Probably Increasing	4	3	No	0.683775427	0.00	0.910947548	Probably Increasing
PTX06-1196	649710.26	3750989.94	TVFA	10/2/2018	10/21/2019	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-ISB079	636854.05	3755302.76	PCE	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	TCE	10/15/2009	12/6/2021	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-ISB079	636854.05	3755302.76	DCE12C	10/15/2009	12/6/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	15	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	DCE12T	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	DCA12	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	TCLME	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	VC	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	PERC	10/15/2009	12/6/2021	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB079	636854.05	3755302.76	AS	10/15/2009	12/6/2021	18	1	No	0.420727348	0.00	0.999032991	Increasing	4	0	No	0.230940108	0.00	0.645453132	Stable	18	1	No	0.420727348	0.00	0.999032991	Increasing	16	0	No	0.356566209	0.00	0.985327259	Increasing
PTX06-ISB079	636854.05	3755302.76	BA	10/15/2009	12/6/2021	13	0	No	0.322519411	0.00	0.998086867	Increasing	4	0	No	0.180576084	0.00	0.748529514	Stable	13	0	No	0.322519411	0.00	0.998086867	Increasing	12	0	No	0.214198947	0.00	0.972363363	Decreasing
PTX06-ISB079	636854.05	3755302.76	FE	10/15/2009	12/6/2021	19	0	No	0.556158267	0.00	0.983415647	Increasing	4	0	No	0.709079333	0.00	0.754760978	Stable	19	0	No	0.556158267	0.00	0.983415647	Increasing	16	0	No	0.496268156	0.00	0.698363808	Stable
PTX06-ISB079	636854.05	3755302.76	MN	10/15/2009	12/6/2021	19	0	No	0.264622354	0.00	0.761942566	No Trend	4	0	No	0.101514493	0.00	0.92095093	Probably Decreasing	19	0	No	0.264622354	0.00	0.761942566	No Trend	16	0	No	0.185520289	0.00	0.997729503	Decreasing
PTX06-ISB079	636854.05	3755302.76	TOC	10/15/2009	12/6/2021	19	0	No	0.300177081	0.00	0.999968115	Increasing	4	0	No	0.282097401	0.00	0.750310346	Stable	19	0	No	0.300177081	0.00	0.999968115	Increasing	16	0	No	0.181221351	0.00	0.767786988	Stable
PTX06-ISB079	636854.05	3755302.76	TVFA	4/26/2016	11/19/2019	13	1	No	0.749756531	0.00	0.816042937	No Trend	4	0	No	0.796519673	0.00	0.786141584	Stable	13	1	No	0.749756531	0.00	0.816042937	No Trend	11	1	No	0.766697783	0.00	0.764383143	No Trend
PTX06-ISB082	636597.92	3755139.36	PCE	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	TCE	10/19/2009	12/6/2021	3	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	15	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-ISB082	636597.92	3755139.36	DCE12C	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	DCE12T	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	DCA12	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	TCLME	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	VC	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	PERC	10/19/2009	12/6/2021	1	31	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	31	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	16	No	0	0.00	0	All Non-Detect
PTX06-ISB082	636597.92	3755139.36	AS	10/19/2009	12/6/2021	31	1	No	0.383663656	0.00	0.949557764	Probably Increasing	4	0	No	0.083289964	0.00	0.837873246	No Trend	31	1	No	0.383663656	0.00	0.949557764	Probably Increasing	16	0	No	0.158266852	0.00	0.999906128	Increasing
PTX06-ISB082	636597.92	3755139.36	BA	10/19/2009	12/6/2021	13	0	No	0.302223199	0.00	0.992019113	Increasing	4	0	No	0.250576436	0.00	0.570670336	Stable	13	0	No	0.302223199	0.00	0.992019113	Increasing	12	0	No	0.211198978	0.00	0.971370423	Decreasing
PTX06-ISB082	636597.92	3755139.36	FE	10/19/2009	12/6/2021	32	0	No	1.329312035	0.00	0.901734747	Probably Increasing	4	0	No	0.031208123	0.00	0.685847623	No Trend	32	0	No	1.329312035	0.00	0.901734747	Probably Increasing	16	0	No	0.108632302	0.00	0.904490673	Probably Decreasing
PTX06-ISB082	636597.92	3755139.36	MN	10/19/2009	12/6/2021	32	0	No	2.107151525	0.00	0.993737273	Decreasing	4	0	No	0.03378002	0.00	0.991369415	Decreasing	32	0	No	2.107151525	0.00	0.993737273	Decreasing	16	0	No	0.151794604	0.00	0.999340278	Decreasing
PTX06-ISB082	636597.92	3755139.36	TOC	10/19/2009	12/6/2021	31	0	No	0.438606507	0.00	0.993617821	Increasing	4	0	No	0.234156821	0.00	0.759460266	Stable	31	0	No	0.438606507	0.00	0.993617821	Increasing	16	0	No	0.198534282	0.00	0.776742518	Stable
PTX06-ISB082	636597.92	3755139.36	TVFA	5/24/2011	11/19/2019	26	0	No	3.790418742	0.00	0.999999543	Decreasing	4	0	No	1.069797747	0.00	0.892588331	No Trend	26	0	No	3.790418742	0.00	0.999999543	Decreasing	12	0	No	1.064441427	0.00	0.930158432	Probably Increasing
PTX06-1164	633987.48	3755722.37	PCE	3/23/2015	11/17/2021	16	7	No	0.377358364	0.00	0.888616519	No Trend	4	0	No	0.358154154	0.00	0.708890214	Stable	16	7	No	0.377358364	0.00	0.888616519	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	TCE	3/23/2015	11/17/2021	23	0	No	0.424754791	0.00	0.723221099	Stable	4	0	No	0.329545229	0.00	0.837983742	Stable	23	0	No	0.424754791	0.00	0.723221099	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	DCE12C	3/23/2015	11/17/2021	23	0	No	1.182984318	0.00	0.927179467	Probably Increasing	4	0	No	0.161262239	0.00	0.969679582	Decreasing	23	0	No	1.182984318	0.00	0.927179467	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	DCA12	3/23/2015	11/17/2021	23	0	No	0.256270907	0.00	0.990713016	Increasing	4	0	No	0.288861807	0.00	0.91159407	Probably Decreasing	23	0	No	0.256270907	0.00	0.990713016	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	TCLME	3/23/2015	11/17/2021	22	1	No	0.272326448	0.00	0.723564744	Stable	4	0	No	0.424085812	0.00	0.859846813	Stable	22	1	No	0.272326448	0.00	0.723564744	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	VC	3/23/2015	11/17/2021	8	15	No	0.673875293	0.00	0.999719559	Decreasing	4	0	No	0.922676242	-0.01	0.973276083	Decreasing	8	15	No	0.673875293	0.00	0.999719559	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	PERC	3/23/2015	11/17/2021	18	4	No	0.62224387	0.00	0.999994221	Decreasing	4	0	No	1.008792436	-0.01	0.886231318	No Trend	18	4	No	0.62224387	0.00	0.999994221	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	MN	3/23/2015	11/17/2021	22	0	No	1.115178819	0.00	0.986524488	Increasing	4	0	No	0.282490072	0.00	0.537993714	No Trend	22	0	No	1.115178819	0.00	0.986524488	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	AS	3/23/2015	11/17/2021	6	16	No	0.904039575	0.00	0.863003643	Stable	4	0	No	0.981176283	0.00	0.673594855	Stable	6	16	No	0.904039575	0.00	0.863003643	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	BA	3/23/2015	11/17/2021	14	0	No	0.509196384	0.00	0.975443238	Increasing	4	0	No	0.195242237	0.00	0.803438686	No Trend	14	0	No	0.509196384	0.00	0.975443238	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	FE	3/23/2015	11/17/2021	22	0	No	2.946705137	0.00	0.753575476	No Trend	4	0	No	0.698065644	0.00	0.825481077	Stable	22	0	No	2.946705137	0.00	0.753575476	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	MN	3/23/2015	11/17/2021	22	0	No	1.115178819	0.00	0.986524488	Increasing	4	0	No	0.282490072	0.00	0.537993714	No Trend	22	0	No	1.115178819	0.00	0.986524488	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	TOC	3/23/2015	11/17/2021	20	2	No	2.625312299	0.00	0.76954557	No Trend	4	0	No	0.745519481	0.00	0.950756025	Increasing	20	2	No	2.625312299	0.00	0.76954557	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	DOC	3/23/2015	11/17/2021	22	0	No	2.659763308	0.00	0.637846042	No Trend	4	0	No	0.686181145	0.00	0.907375616	Probably Increasing	22	0	No	2.659763308	0.00	0.637846042	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	NITRATE	3/23/2015	11/17/2021	18	4	No	0.69594087	0.00	0.916372167	Probably Decreasing	4	0	No	0.727797175	0.01	0.931387424	Probably Increasing	18	4	No	0.69594087	0.00	0.916372167	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	SO4	3/23/2015	11/17/2021	22	0	No	0.258679138	0.00	0.567183492	No Trend	4	0	No	0.160659921	0.00	0.88677853	Stable	22	0	No	0.258679138	0.00	0.567183492	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	CH4	1/14/2016	11/17/2021	20	0	No	0.467689657	0.00	0.987049153	Increasing	4	0	No	0.184611303	0.00	0.860624911	No Trend	20	0	No	0.467689657	0.00	0.987049153	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	C2H6	1/14/2016	11/17/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	C2H4	1/14/2016	11/17/2021	3	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	16	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1164	633987.48	3755722.37	ACETYLENE	1/14/2016	11/17/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	PCE	2/22/2016	11/29/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	TCE	2/22/2016	11/29/2021	7	0	No	1.285357818	0.00	0.7776848	No Trend	4	0	No	1.1163564	0.00	0.850305986	No Trend	7	0	No	1.285357818	0.00	0.7776848	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	DCE12C	2/22/2016	11/29/2021	7	0	No	0.278771126	0.00	0.986927209	Increasing	4	0	No	0.079494881	0.00	0.830759917	Stable	7	0	No	0.278771126	0.00	0.986927209	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	DCA12	2/22/2016	11/29/2021	7	0	No	0.184732264	0.00	0.995149929	Decreasing	4	0	No	0.189025726	0.00	0.985088572	Decreasing	7	0	No	0.184732264	0.00	0.995149929	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	TCLME	2/22/2016	11/29/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	VC	2/22/2016	11/29/2021	5	2	No	0.708676116	0.00	0.869547615	No Trend	4	0	No	0.535513095	0.00	0.987885329	Decreasing	5	2	No	0.708676116	0.00	0.869547615	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	PERC	2/22/2016	11/29/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	MN	2/22/2016	11/29/2021	7	0	No	0.134694637	0.00	0.879242162	Stable	4	0	No	0.089304314	0.00	0.662560183	No Trend	7	0	No	0.134694637	0.00	0.879242162	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	AS	2/22/2016	11/29/2021	7	0	No	0.0753196	0.00	0.967650534	Decreasing	4	0	No	0.084986129	0.00	0.893256007	Stable	7	0	No	0.0753196	0.00	0.967650534	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	BA	2/22/2016	11/29/2021	7	0	No	0.663852167	0.00	0.998926976	Decreasing	4	0	No	0.166787764	0.00	0.911894199	Probably Decreasing	7	0	No	0.663852167	0.00	0.998926976	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	FE	2/22/2016	11/29/2021	7	0	No	0.452424808	0.00	0.919038748	Probably Decreasing	4	0	No	0.147694564	0.00	0.890559217	Stable	7	0	No	0.452424808	0.00	0.919038748	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	MN	2/22/2016	11/29/2021	7	0	No	0.134694637	0.00	0.879242162	Stable	4	0	No	0.089304314	0.00	0.662560183	No Trend	7	0	No	0.134694637	0.00	0.879242162	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	TOC	2/22/2016	11/29/2021	7	0	No	0.59412254	0.00	0.999948691	Decreasing	4	0	No	0.272560903	0.00	0.996574448	Decreasing	7	0	No	0.59412254	0.00	0.999948691	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	DOC	2/22/2016	11/29/2021	7	0	No	0.59284849	0.00	0.999809538	Decreasing	4	0	No	0.275907661	0.00	0.977556434	Decreasing	7	0	No	0.59284849	0.00	0.999809538	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	NITRATE	2/22/2016	11/29/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	SO4	2/22/2016	11/29/2021	7	0	No	0.888604271	0.00	0.991523555	Increasing	4	0	No	0.150704907	0.00	0.876348283	No Trend	7	0	No	0.888604271	0.00	0.991523555	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	CH4	2/22/2016	11/29/2021	7	0	No	0.257702266	0.00	0.683915564	No Trend	4	0	No	0.164887319	0.00	0.76170885	No Trend	7	0	No	0.257702266	0.00	0.683915564	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	C2H6	2/22/2016	11/29/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	C2H4	2/22/2016	11/29/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1169	634889.61	3755241.66	ACETYLENE	2/22/2016	11/29/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	PCE	2/5/2015	11/29/2021	9	18	No	0.400484131	0.00	0.531531024	Stable	4	0	No	0.374485403	0.00	0.850432394	No Trend	9	18	No	0.400484131	0.00	0.531531024	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	TCE	2/5/2015	11/29/2021	27	0	No	0.683435822	0.00	0.994225574	Decreasing	4	0	No	1.364715939	-0.01	0.997556865	Decreasing	27	0	No	0.683435822	0.00	0.994225574	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	DCE12C	2/5/2015	11/29/2021	27	0	No	0.453595636	0.00	0.998750338	Decreasing	4	0	No	0.557399747	0.00	0.982911341	Decreasing	27	0	No	0.453595636	0.00	0.998750338	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	DCA12	2/5/2015	11/29/2021	26	1	No	0.414668031	0.00	0.999966293	Increasing	4	0	No	0.191970808	0.00	0.920793064	Probably Decreasing	26	1	No	0.414668031	0.00	0.999966293	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	TCLME	2/5/2015	11/29/2021	4	23	No	0.292977203	0.00	0.956292438	Increasing	4	0	No	0.292977203	0.00	0.956292438	Increasing	4	23	No	0.292977203	0.00	0.956292438	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	VC	2/5/2015	11/29/2021	6	21	No	0.682076051	0.00	0.577281971	No Trend	4	0	No	0.660947857	0.00	0.867216029	Stable	6	21	No	0.682076051	0.00	0.577281971	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	PERC	2/5/2015	11/29/2021	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	23	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	MN	2/5/2015	11/29/2021	24	0	No	0.400030859	0.00	0.999917755	Increasing	4	0	No	0.481317636	0.00	0.998948155	Increasing	24	0	No	0.400030859	0.00	0.999917755	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	AS	2/5/2015	11/29/2021	24	0	No	0.27365209	0.00	0.948017033	Probably Decreasing	4	0	No	0.435923914	0.00	0.984352249	Increasing	24	0	No	0.27365209	0.00	0.948017033	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	BA	1/30/2018	11/29/2021	12	0	No	0.639827638	0.00	0.999988002	Increasing	4	0	No	0.575870035	0.00	0.992605759	Increasing	12	0	No	0.639827638	0.00	0.999988002	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	FE	2/5/2015	11/29/2021	24	0	No	0.837245642	0.00	0.999441014	Increasing	4	0	No	0.829708954	0.01	0.994628204	Increasing	24	0	No	0.837245642	0.00	0.999441014	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	MN	2/5/2015	11/29/2021	24	0	No	0.400030859	0.00	0.999917755	Increasing	4	0	No	0.481317636	0.00	0.998948155	Increasing	24	0	No	0.400030859	0.00	0.999917755	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	TOC	2/5/2015	11/29/2021	24	0	No	0.979014109	0.00	0.638785805	Stable	4	0	No	0.635793452	0.01	0.948000635	Probably Increasing	24	0	No	0.979014109	0.00	0.638785805	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	DOC	2/5/2015	11/29/2021	24	0	No	1.149292777	0.00	0.590371206	No Trend	4	0	No	0.572237846	0.01	0.951407221	Increasing	24	0	No	1.149292777	0.00	0.590371206	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	NITRATE	2/5/2015	11/29/2021	5	19	No	0.817249071	0.00	0.554106391	Stable	4	0	No	0.647564715	0.00	0.932851488	Probably Decreasing	5	19	No	0.817249071	0.00	0.554106391	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	SO4	2/5/2015	11/29/2021	24	0	No	1.065832553	0.00	0.986757567	Decreasing	4	0	No	0.632291085	0.00	0.711700233	Stable	24	0	No	1.065832553	0.00	0.986757567	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	CH4	2/5/2015	11/29/2021	24	0	No	0.295436126	0.00	0.775949795	No Trend	4	0	No	0.193333697	0.00	0.801124391	No Trend	24	0	No	0.295436126	0.00	0.775949795	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	C2H6	2/5/2015	11/29/2021	0	23	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	23	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	C2H4	2/5/2015	11/29/2021	12	12	No	1.218535813	0.00	0.999999996	Increasing	4	0	No	0.427688685	0.00	0.976349596	Increasing	12	12	Yes	1.218535813	0.00	0.999999996	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1170	634569.69	3755442.71	ACETYLENE	1/14/2016	11/29/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

PTX06-1176	634114.06	3755500.53	PCE	3/17/2015	11/29/2021	5	17	No	0.315046664	0.00	0.598171611	No Trend	4	0	No	0.285890921	0.00	0.841433162	Stable	5	17	No	0.315046664	0.00	0.598171611	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	TCE	3/17/2015	11/29/2021	19	3	No	1.130265383	0.00	0.999999998	Decreasing	4	0	No	0.148468192	0.00	0.567428563	No Trend	19	3	No	1.130265383	0.00	0.999999998	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	DCE12C	3/17/2015	11/29/2021	22	0	No	0.936526409	0.00	0.998432917	Decreasing	4	0	No	0.49660295	0.00	0.909435963	Probably Decreasing	22	0	No	0.936526409	0.00	0.998432917	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	DCA12	3/17/2015	11/29/2021	21	1	No	0.454050278	0.00	0.987888227	Decreasing	4	0	No	0.246575342	0.00	0.741294122	Stable	21	1	No	0.454050278	0.00	0.987888227	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	TCLME	3/17/2015	11/29/2021	12	10	No	0.743078553	0.00	0.968262862	Decreasing	4	0	No	0.411031696	0.00	0.872041218	Stable	12	10	No	0.743078553	0.00	0.968262862	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	VC	3/17/2015	11/29/2021	6	16	No	1.232449591	0.00	0.99320138	Decreasing	4	0	No	0.613939889	-0.01	0.978959984	Decreasing	6	16	No	1.232449591	0.00	0.99320138	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	PERC	3/17/2015	11/29/2021	10	11	No	0.871065798	0.00	0.999679618	Decreasing	4	0	No	0.458677745	0.00	0.736414028	Stable	10	11	No	0.871065798	0.00	0.999679618	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	MN	3/17/2015	11/29/2021	21	0	No	2.181511095	0.00	0.997422539	Increasing	4	0	No	0.218276074	0.00	0.998807815	Decreasing	21	0	No	2.181511095	0.00	0.997422539	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	AS	3/17/2015	11/29/2021	19	2	No	1.078171431	0.00	0.999999615	Increasing	4	0	No	0.116257646	0.00	0.925155121	Probably Increasing	19	2	No	1.078171431	0.00	0.999999615	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	BA	3/17/2015	11/29/2021	13	0	No	0.77505307	0.00	0.999993812	Increasing	4	0	No	0.342231608	0.00	0.99707133	Increasing	13	0	No	0.77505307	0.00	0.999993812	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	FE	3/17/2015	11/29/2021	17	4	No	1.344357706	0.00	0.999873255	Increasing	4	0	No	0.197723671	0.00	0.572262768	Stable	17	4	No	1.344357706	0.00	0.999873255	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	MN	3/17/2015	11/29/2021	21	0	No	2.181511095	0.00	0.997422539	Increasing	4	0	No	0.218276074	0.00	0.998807815	Decreasing	21	0	No	2.181511095	0.00	0.997422539	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	TOC	3/17/2015	11/29/2021	18	3	No	2.089825084	0.00	0.998981614	Increasing	4	0	No	0.207823533	0.00	1	Increasing	18	3	No	2.089825084	0.00	0.998981614	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	DOC	3/17/2015	11/29/2021	21	0	No	2.387560258	0.00	0.999985519	Increasing	4	0	No	0.394609248	0.00	0.535036152	No Trend	21	0	No	2.387560258	0.00	0.999985519	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	NITRATE	3/17/2015	11/29/2021	9	12	No	1.077065803	0.00	0.938769093	Probably Decreasing	4	0	No	1.645377045	-0.01	0.905036879	Probably Decreasing	9	12	No	1.077065803	0.00	0.938769093	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	SO4	3/17/2015	11/29/2021	20	0	No	1.073422953	0.00	0.999999987	Decreasing	4	0	No	0.424541418	0.00	0.567091775	Stable	20	0	No	1.073422953	0.00	0.999999987	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	CH4	1/18/2016	11/29/2021	20	0	No	0.929582017	0.00	0.999411982	Increasing	4	0	No	0.148781633	0.00	0.741603352	No Trend	20	0	No	0.929582017	0.00	0.999411982	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	C2H6	1/18/2016	11/29/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	C2H4	1/18/2016	11/29/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1176	634114.06	3755500.53	ACETYLENE	1/18/2016	11/29/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	PCE	3/17/2015	11/17/2021	0	22	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	22	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	TCE	3/17/2015	11/17/2021	18	4	No	1.505270035	0.00	0.999693307	Decreasing	4	0	No	0.039507899	0.00	0.811799689	No Trend	18	4	No	1.505270035	0.00	0.999693307	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	DCE12C	3/17/2015	11/17/2021	21	1	No	0.871833808	0.00	0.92781299	Probably Increasing	4	0	No	0.739835222	0.00	0.847962247	No Trend	21	1	No	0.871833808	0.00	0.92781299	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	DCA12	3/17/2015	11/17/2021	21	1	No	0.44248347	0.00	0.934120422	Probably Decreasing	4	0	No	0.645083733	0.00	0.509034236	Stable	21	1	No	0.44248347	0.00	0.934120422	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	TCLME	3/17/2015	11/17/2021	5	17	No	0.142529588	0.00	0.985916125	Increasing	4	0	No	0.043762524	0.00	0.838343552	No Trend	5	17	No	0.142529588	0.00	0.985916125	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	VC	3/17/2015	11/17/2021	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	21	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	PERC	3/17/2015	11/17/2021	5	16	No	0.504459542	0.00	0.99747264	Decreasing	4	0	No	0.569859719	0.00	0.86301648	Stable	5	16	No	0.504459542	0.00	0.99747264	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	MN	3/17/2015	11/17/2021	21	0	No	1.773545236	0.00	0.791228734	No Trend	4	0	No	0.646346689	0.00	0.529380745	No Trend	21	0	No	1.773545236	0.00	0.791228734	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	AS	3/17/2015	11/17/2021	21	0	No	1.063445662	0.00	0.999999001	Increasing	4	0	No	0.354776925	0.00	0.662319825	No Trend	21	0	No	1.063445662	0.00	0.999999001	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	BA	3/17/2015	11/17/2021	13	0	No	0.682043145	0.00	0.999267863	Increasing	4	0	No	0.238495717	0.00	0.670528709	No Trend	13	0	No	0.682043145	0.00	0.999267863	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	FE	3/17/2015	11/17/2021	21	0	No	1.60509489	0.00	0.999919829	Increasing	4	0	No	0.53871184	0.00	0.599428482	No Trend	21	0	No	1.60509489	0.00	0.999919829	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	MN	3/17/2015	11/17/2021	21	0	No	1.773545236	0.00	0.791228734	No Trend	4	0	No	0.646346689	0.00	0.529380745	No Trend	21	0	No	1.773545236	0.00	0.791228734	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	TOC	3/17/2015	11/17/2021	21	0	No	2.109684411	0.00	0.988508801	Increasing	4	0	No	1.5713552	0.00	0.530252783	No Trend	21	0	No	2.109684411	0.00	0.988508801	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	DOC	3/17/2015	11/17/2021	21	0	No	2.140133976	0.00	0.988269758	Increasing	4	0	No	1.563445356	0.00	0.543647031	No Trend	21	0	No	2.140133976	0.00	0.988269758	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	NITRATE	3/17/2015	11/17/2021	5	16	No	0.718728634	0.00	0.980713998	Decreasing	4	0	No	0.667849659	0.00	0.806076427	Stable	5	16	No	0.718728634	0.00	0.980713998	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	SO4	3/17/2015	11/17/2021	20	1	No	1.159470386	0.00	0.995521739	Decreasing	4	0	No	0.604285003	0.00	0.558642458	No Trend	20	1	No	1.159470386	0.00	0.995521739	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	CH4	1/18/2016	11/17/2021	20	0	No	0.615001688	0.00	0.991990978	Increasing	4	0	No	0.153552756	0.00	0.516195192	Stable	20	0	No	0.615001688	0.00	0.991990978	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	C2H6	1/18/2016	11/17/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	C2H4	1/18/2016	11/17/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1177	633524.62	3755818.55	ACETYLENE	1/18/2016	11/17/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	RDX	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	HMX	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	TNT	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DNT24	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DNT26	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DNT2A	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DNT4A	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	TNB135	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DNB13	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DIOXANE14	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	PCE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	TCE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DCE12C	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	DCA12	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	TCLME	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	VC	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	PERC	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	MN	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	AS	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	BA	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	FE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	MN	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	TOC	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	NITRATE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1209	635261.07	3755063.54	SO4	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	RDX	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	HMX	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	TNT	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DNT24	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DNT26	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DNT2A	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DNT4A	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	TNB135	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DNB13	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DIOXANE14	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	PCE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	TCE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DCE12C	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	DCA12	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	TCLME	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	VC	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	PERC	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	MN	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	AS	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	BA	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	FE	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	MN	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	TOC	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	NITRATE	10/19/2021	10/19/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1210	635995.51	3755042.86	SO4	10/19/2021	10/19/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	RDX	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	HMX	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	TNT	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	DNT24	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	DNT26	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	DNT2A	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	DNT4A	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	TNB135	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	DNB13	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	B	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	AS	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	BA	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	FE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	V	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	TOC	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	NITRATE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1213	647847.08	3750845.56	SO4	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	RDX	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	HMX	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	TNT	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	DNT24	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	DNT26	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	DNT2A	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	DNT4A	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	TNB135	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	DNB13	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	B	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	AS	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	BA	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

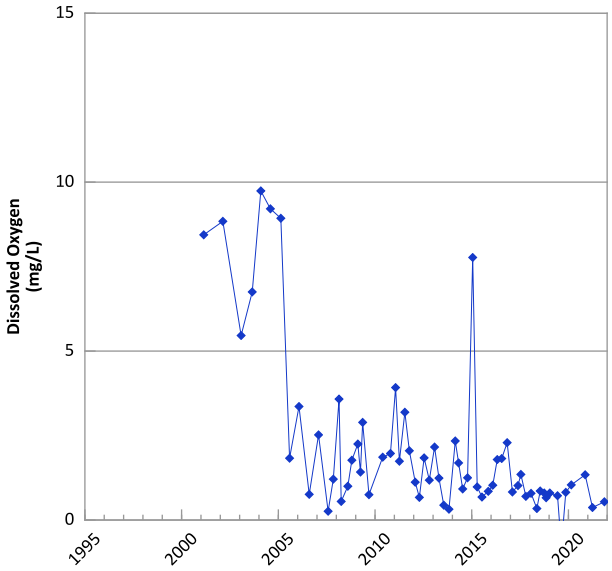
PTX06-1214	648550.59	3751106.97	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	FE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	V	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	TOC	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	NITRATE	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1214	648550.59	3751106.97	SO4	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	RDX	10/3/2007	8/4/2021	2	4	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	CR	6/17/2020	8/4/2021	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	MN	6/17/2020	8/4/2021	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	AS	6/17/2020	8/4/2021	4	0	No	0.432813844	0.00	0.757753652	Stable	4	0	No	0.432813844	0.00	0.757753652	Stable	4	0	No	0.432813844	0.00	0.757753652	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	BA	6/17/2020	8/4/2021	4	0	No	1.007723601	0.00	0.863684509	No Trend	4	0	No	1.007723601	0.00	0.863684509	No Trend	4	0	No	1.007723601	0.00	0.863684509	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	CR	6/17/2020	8/4/2021	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	FE	6/17/2020	8/4/2021	4	0	No	1.63051635	-0.01	0.898550313	No Trend	4	0	No	1.63051635	-0.01	0.898550313	No Trend	4	0	No	1.63051635	-0.01	0.898550313	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	MN	6/17/2020	8/4/2021	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	4	0	No	1.555303237	-0.01	0.947642192	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	TOC	10/3/2007	8/4/2021	5	1	No	1.688327096	0.00	0.549091159	No Trend	4	0	No	1.607740652	0.00	0.987386862	Decreasing	4	0	No	1.607740652	-0.01	0.928362532	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	DOC	6/17/2020	8/4/2021	4	0	No	1.550675632	-0.01	0.954428519	Decreasing	4	0	No	1.550675632	-0.01	0.954428519	Decreasing	4	0	No	1.550675632	-0.01	0.954428519	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	NITRATE	10/3/2007	8/4/2021	1	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB021	641857.77	3752657.45	SO4	10/3/2007	8/4/2021	6	0	No	1.744415946	0.00	1	Increasing	4	0	No	1.818398632	0.00	0.8119904	No Trend	4	0	No	1.818398632	-0.01	0.824653346	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	RDX	6/2/2008	8/4/2021	1	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	35	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	CR	6/2/2008	8/4/2021	6	32	No	0.876596676	0.00	1	Increasing	4	0	No	0.848292285	0.00	0.860866142	No Trend	5	30	No	0.748793748	0.00	0.901640235	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	MN	6/2/2008	8/4/2021	38	0	No	1.662366754	0.00	0.999997322	Decreasing	4	0	No	0.373348434	0.00	0.849914919	Stable	35	0	No	1.295593484	0.00	0.999781213	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	AS	6/2/2008	8/4/2021	37	1	No	0.731514008	0.00	0.999961393	Increasing	4	0	No	0.397368536	0.00	0.958891208	Increasing	34	1	No	0.74007345	0.00	0.999981872	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	BA	6/2/2008	8/4/2021	7	0	No	0.646746042	0.00	0.851310203	No Trend	4	0	No	0.538966782	0.00	0.89156098	No Trend	4	0	No	0.538966782	0.00	0.987978386	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	CR	6/2/2008	8/4/2021	6	32	No	0.876596676	0.00	1	Increasing	4	0	No	0.848292285	0.00	0.860866142	No Trend	5	30	No	0.748793748	0.00	0.901640235	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	FE	6/2/2008	8/4/2021	38	0	No	1.136006067	0.00	0.999682774	Decreasing	4	0	No	0.263026964	0.00	0.698924247	No Trend	35	0	No	1.1695185	0.00	0.999995975	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	MN	6/2/2008	8/4/2021	38	0	No	1.662366754	0.00	0.999997322	Decreasing	4	0	No	0.373348434	0.00	0.849914919	Stable	35	0	No	1.295593484	0.00	0.999781213	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	TOC	6/2/2008	8/4/2021	37	0	No	3.975941717	0.00	0.992775972	Decreasing	4	0	No	0.400272497	0.00	0.926205334	Probably Decreasing	34	0	No	4.010303481	0.00	0.981666963	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	DOC	12/18/2008	8/4/2021	35	0	No	3.074992991	0.00	0.994097174	Decreasing	4	0	No	0.408095933	0.00	0.788969499	Stable	33	0	No	3.104840507	0.00	0.991488926	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	NITRATE	5/29/2008	8/4/2021	9	27	No	1.035928136	0.00	0.997349821	Increasing	4	0	No	0.5432216	0.00	0.794734682	Stable	9	24	No	1.035928136	0.00	0.997349821	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB030B	641094.72	3752286.25	SO4	6/2/2008	8/4/2021	34	4	No	1.44536925	0.00	0.555838803	No Trend	4	0	No	0.644504999	0.00	0.711780252	Stable	31	4	No	1.504445868	0.00	0.690827304	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	RDX	8/15/2007	8/9/2021	3	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	CR	5/28/2008	8/9/2021	5	39	No	1.402929612	0.00	0.950233561	Increasing	4	0	No	1.237875819	0.00	0.528814243	No Trend	5	36	No	1.402929612	0.00	0.950233561	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	MN	5/28/2008	8/9/2021	44	0	No	1.426669618	0.00	0.999999226	Decreasing	4	0	No	0.588118248	0.00	0.983664407	Decreasing	41	0	No	1.480619797	0.00	0.99993978	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	AS	5/28/2008	8/9/2021	44	0	No	0.469967848	0.00	0.999996578	Increasing	4	0	No	0.301422312	0.00	0.512743079	No Trend	41	0	No	0.468239195	0.00	0.999993952	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	BA	5/28/2008	8/9/2021	7	0	No	0.532322049	0.00	0.843246775	Stable	4	0	No	0.445859873	0.00	0.712808164	No Trend	4	0	No	0.445859873	0.00	0.861678938	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	CR	5/28/2008	8/9/2021	5	39	No	1.402929612	0.00	0.950233561	Increasing	4	0	No	1.237875819	0.00	0.528814243	No Trend	5	36	No	1.402929612	0.00	0.950233561	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	FE	5/28/2008	8/9/2021	44	0	No	1.007572449	0.00	0.999978334	Decreasing	4	0	No	0.710946192	0.00	0.952121774	Decreasing	41	0	No	1.065314881	0.00	0.999868569	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	MN	5/28/2008	8/9/2021	44	0	No	1.426669618	0.00	0.999999226	Decreasing	4	0	No	0.588118248	0.00	0.983664407	Decreasing	41	0	No	1.480619797	0.00	0.99993978	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	TOC	8/15/2007	8/9/2021	45	1	No	0.920464374	0.00	0.995832843	Increasing	4	0	No	0.777919587	0.00	0.966895031	Decreasing	41	0	No	0.927269141	0.00	0.997376332	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	DOC	12/17/2008	8/9/2021	43	0	No	0.903373638	0.00	0.999052916	Increasing	4	0	No	0.650103536	0.00	0.949309737	Probably Decreasing	41	0	No	0.884397507	0.00	0.997068909	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	NITRATE	8/15/2007	8/9/2021	11	34	No	1.907527051	0.00	0.855292134	No Trend	4	0	No	1.454310998	0.00	0.732602259	No Trend	10	30	No	2.295835379	0.00	0.998997917	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB038	641850.23	3752524.17	SO4	8/15/2007	8/9/2021	40	6	No	2.234805841	0.00	0.885031733	No Trend	4	0	No	0.73234461	0.00	0.62567852	No Trend	37	4	No	1.959897889	0.00	0.999566375	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	RDX	11/9/2007	8/9/2021	4	40	No	1.984656666	0.00	0.871508639	No Trend	4	0	No	1.984656666	0.00	0.871508639	No Trend	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	CR	5/27/2008	8/9/2021	6	38	No	1.591731119	0.00	0.757093906	No Trend	4	0	No	1.467006627	0.00	0.771675819	No Trend	5	36	No	1.669239859	0.00	0.962908365	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	MN	5/27/2008	8/9/2021	44	0	No	1.351222211	0.00	0.999996997	Decreasing	4	0	No	1.201108859	0.00	0.935462222	Probably Decreasing	41	0	No	1.351985288	0.00	0.999836674	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	AS	5/27/2008	8/9/2021	44	0	No	1.084077213	0.00	0.999999992	Increasing	4	0	No	0.304543478	0.00	0.997335443	Decreasing	41	0	No	1.085107767	0.00	0.999999997	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	BA	5/27/2008	8/9/2021	7	0	No	0.959101274	0.00	0.992959945	Decreasing	4	0	No	0.29003732	0.00	0.923588115	Probably Increasing	4	0	No	0.29003732	0.00	0.987748182	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	CR	5/27/2008	8/9/2021	6	38	No	1.591731119	0.00	0.757093906	No Trend	4	0	No	1.467006627	0.00	0.771675819	No Trend	5	36	No	1.669239859	0.00	0.962908365	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	FE	5/27/2008	8/9/2021	44	0	No	0.834765943	0.00	0.999974184	Decreasing	4	0	No	1.261392529	0.00	0.921671697	Probably Decreasing	41	0	No	0.848447211	0.00	0.999995056	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	MN	5/27/2008	8/9/2021	44	0	No	1.351222211	0.00	0.999996997	Decreasing	4	0	No	1.201108859	0.00	0.935462222	Probably Decreasing	41	0	No	1.351985288	0.00	0.999836674	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	TOC	11/9/2007	8/9/2021	45	1	No	1.163401391	0.00	0.704466088	No Trend	4	0	No	1.096776157	0.00	0.816661366	No Trend	41	0	No	1.206587606	0.00	0.802826807	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	DOC	12/11/2008	8/9/2021	43	0	No	1.152415098	0.00	0.795383274	No Trend	4	0	No	1.053251094	0.00	0.854015722	No Trend	41	0	No	1.159222525	0.00	0.766354124	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	NITRATE	11/9/2007	8/9/2021	5	38	No	1.193586355	0.00	0.611445453	No Trend	4	0	No	1.442616089	0.00	0.94577541	Probably Increasing	4	34	No	1.442616089	0.00	0.994665211	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB046	641939.34	3752422.69	SO4	11/9/2007	8/9/2021	44	2	No	1.99559613	0.00	0.997901608	Increasing	4	0	No	0.34562912	0.00	0.669660734	No Trend	39	2	No	1.660729161	0.00	0.9999904	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	RDX	5/27/2008	8/10/2021	1	34	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	33	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	CR	5/27/2008	8/10/2021	4	30	No	0.593171014	0.00	0.626185708	No Trend	4	0	No	0.593171014	0.00	0.626185708	No Trend	4	29	No	0.593171014	0.00	0.626185708	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	MN	5/27/2008	8/10/2021	34	0	No	2.140706076	0.00	0.999999793	Decreasing	4	0	No	0.667687303	0.00	0.883753698	No Trend	33	0	No	2.253228683	0.00	0.999999046	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	AS	5/27/2008	8/10/2021	34	0	No	0.43448632	0.00	0.976954331	Decreasing	4	0	No	0.556860532	0.00	0.757338552	No Trend	33	0	No	0.434144521	0.00	0.989252167	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	BA	5/27/2008	8/10/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	CR	5/27/2008	8/10/2021	4	30	No	0.593171014	0.00	0.626185708	No Trend	4	0	No	0.593171014	0.00	0.626185708	No Trend	4	29	No	0.593171014	0.00	0.626185708	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	FE	5/27/2008	8/10/2021	34	0	No	1.335207327	0.00	1	Decreasing	4	0	No	0.159257537	0.00	0.968388238	Increasing	33	0	No	1.360467271	0.00	1	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	MN	5/27/2008	8/10/2021	34	0	No	2.140706076	0.00	0.999999793	Decreasing	4	0	No	0.667687303	0.00	0.883753698	No Trend	33	0	No	2.253228683	0.00	0.999999046	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	TOC	5/27/2008	8/10/2021	33	0	No	0.96123832	0.00	0.999982341	Decreasing	4	0	No	0.473611192	0.00	0.647763287	No Trend	32	0	No	0.971328039	0.00	0.999993689	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	DOC	5/25/2010	8/10/2021	32	0	No	0.948916985	0.00	0.999998826	Decreasing	4	0	No	0.50162121	0.00	0.770037579	No Trend	32	0	No	0.948916985	0.00	0.999998826	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	NITRATE	5/27/2008	8/10/2021	10	22	No	2.638699016	0.00	0.98968632	Increasing	4	0	No	1.738663019	0.00	0.996687754	Increasing	10	21	No	2.638699016	0.00	0.98968632	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB048	642131.84	3752479.89	SO4	5/27/2008	8/10/2021	31	2	No	2.845021797	0.00	0.999995149	Increasing	4	0	No	0.959463307	0.00	0.875303841	No Trend	30	2	No	2.798957392	0.00	0.999995335	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	PCE	3/31/2009	4/27/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	33	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	TCE	3/31/2009	4/27/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	DCE12C	3/31/2009	4/27/2021	2	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	DCA12	3/31/2009	4/27/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	33	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	TCLME	3/31/2009	4/27/2021	2	32	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	32	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	VC	3/31/2009	4/27/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	PERC	3/31/2009	4/27/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	MN	9/9/2009	4/27/2021	38	0	No	2.215302098	0.00	0.607439372	No Trend	4	0	No	0.665337291	0.01	0.873672128	No Trend	38	0	No	2.215302098	0.00	0.607439372	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	AS	9/9/2009	4/27/2021	36	2	No	0.680696649	0.00	0.992582675	Decreasing	4	0	No	0.830966962	0.00	0.890503434	No Trend	36	2	No	0.680696649	0.00	0.992582675	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	BA	2/14/2018	4/27/2021	9	0	No	0.141053868	0.00	0.649093021	Stable	4	0	No	0.195180015	0.00	0.950049826	Decreasing	9	0	No	0.141053868	0.00	0.649093021	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	FE	9/9/2009	4/27/2021	38	0	No	2.260719028	0.00	0.940310701	Probably Increasing	4	0	No	0.76268056	0.01	0.928374628	Probably Increasing	38	0	No	2.260719028	0.00	0.940310701	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	MN	9/9/2009	4/27/2021	38	0	No	2.215302098	0.00	0.607439372	No Trend	4	0	No	0.665337291	0.01	0.873672128	No Trend	38	0	No	2.215302098	0.00	0.607439372	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	TOC	3/31/2009	4/27/2021	38	0	No	2.454428378	0.00	0.999998238	Increasing	4	0	No	0.620952503	0.01	0.91686667	Probably Increasing	37	0	No	2.417252502	0.00	0.999999154	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	NITRATE	3/31/2009	4/27/2021	7	30	No	2.498669266	0.00	0.838048492	No Trend	4	0	No	0.174057969	0.00	0.576987682	Stable	6	30	No	0.243354285	0.00	0.813209506	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	SO4	3/31/2009	4/27/2021	34	4	No	3.105696643	0.00	0.984977482	Increasing	4	0	No	0.702438803	0.02	0.927083347	Probably Increasing	33	4	No	3.166935811	0.00	0.998459447	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	CH4	3/31/2009	4/27/2021	38	0	No	0.474136018	0.00	0.82415361	No Trend	4	0	No	0.50687525	0.00	0.836830499	Stable	37	0	No	0.438183631	0.00	0.977863392	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	C2H6	3/31/2009	4/27/2021	1	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	C2H4	3/31/2009	4/27/2021	1	37	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB055	636606.08	3755477.40	ACETYLENE	1/25/2016	4/27/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	PCE	3/31/2009	4/27/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	33	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	TCE	3/31/2009	4/27/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	DCE12C	3/31/2009	4/27/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	DCA12	3/31/2009	4/27/2021	0	34	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	33	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	TCLME	3/31/2009	4/27/2021	1	33	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	32	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	VC	3/31/2009	4/27/2021	0	39	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	PERC	3/31/2009	4/27/2021	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	38	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	MN	9/9/2009	4/27/2021	38	0	No	1.912926335	0.00	0.935669186	Probably Decreasing	4	0	No	1.078766727	0.00	0.644748037	No Trend	38	0	No	1.912926335	0.00	0.935669186	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	AS	9/9/2009	4/27/2021	35	3	No	1.756312883	0.00	0.704447655	No Trend	4	0	No	1.270972641	0.01	0.920057379	Probably Increasing	35	3	No	1.756312883	0.00	0.704447655	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	BA	2/19/2018	4/27/2021	9	0	No	0.47078911	0.00	0.675909539	No Trend	4	0	No	0.580639473	0.00	0.801074669	Stable	9	0	No	0.47078911	0.00	0.675909539	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	FE	9/9/2009	4/27/2021	38	0	No	1.936943541	0.00	0.580621553	No Trend	4	0	No	1.072562477	0.00	0.54079881	No Trend	38	0	No	1.936943541	0.00	0.580621553	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	MN	9/9/2009	4/27/2021	38	0	No	1.912926335	0.00	0.935669186	Probably Decreasing	4	0	No	1.078766727	0.00	0.644748037	No Trend	38	0	No	1.912926335	0.00	0.935669186	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	TOC	3/31/2009	4/27/2021	38	0	No	2.020082354	0.00	0.999976986	Increasing	4	0	No	0.677220404	0.01	0.84314907	No Trend	37	0	No	1.987291904	0.00	0.999989032	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	DOC	3/31/2009	4/27/2021	38	0	No	2.057238216	0.00	0.999974318	Increasing	4	0	No	0.688926251	0.01	0.838022881	No Trend	37	0	No	2.02411507	0.00	0.999974744	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	NITRATE	3/31/2009	4/27/2021	10	28	No	1.801288344	0.00	0.5293307	No Trend	4	0	No	1.718660069	0.00	0.530909211	No Trend	9	28	No	2.283570664	0.00	0.853820118	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	SO4	3/31/2009	4/27/2021	36	2	No	3.63990784	0.00	0.934691002	Probably Increasing	4	0	No	1.134371547	0.01	0.704102021	No Trend	35	2	No	3.753375457	0.00	0.986551996	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	CH4	3/31/2009	4/27/2021	38	1	No	0.339441009	0.00	0.740562219	No Trend	4	0	No	0.255955104	0.00	0.760935717	Stable	38	0	No	0.339441009	0.00	0.740562219	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	C2H6	3/31/2009	4/27/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	C2H4	3/31/2009	4/27/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB059	636234.22	3755246.12	ACETYLENE	1/25/2016	4/27/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	PCE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	TCE	6/23/2020	12/7/2021	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	DCE12C	6/23/2020	12/7/2021	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	DCA12	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	TCLME	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	VC	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	PERC	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	MN	6/23/2020	12/7/2021	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	AS	6/23/2020	12/7/2021	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	BA	6/23/2020	12/7/2021	4	0	No	0.747919529	0.00	0.845425515	Stable	4	0	No	0.747919529	0.00	0.845425515	Stable	4	0	No	0.747919529	0.00	0.845425515	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	FE	6/23/2020	12/7/2021	4	0	No	1.284358927	-0.01	0.962179787	Decreasing	4	0	No	1.284358927	-0.01	0.962179787	Decreasing	4	0	No	1.284358927	-0.01	0.962179787	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	MN	6/23/2020	12/7/2021	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	4	0	No	1.250903325	-0.01	0.975439236	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	TOC	6/23/2020	12/7/2021	4	0	No	1.034189617	-0.01	0.991715977	Decreasing	4	0	No	1.034189617	-0.01	0.991715977	Decreasing	4	0	No	1.034189617	-0.01	0.991715977	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	DOC	6/23/2020	12/7/2021	4	0	No	1.033775713	-0.01	0.987461665	Decreasing	4	0	No	1.033775713	-0.01	0.987461665	Decreasing	4	0	No	1.033775713	-0.01	0.987461665	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	NITRATE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	SO4	6/23/2020	12/7/2021	4	0	No	1.326926726	-0.01	0.953411921	Decreasing	4	0	No	1.326926726	-0.01	0.953411921	Decreasing	4	0	No	1.326926726	-0.01	0.953411921	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	CH4	6/23/2020	12/7/2021	4	0	No	0.206997925	0.00	0.616272959	Stable	4	0	No	0.206997925	0.00	0.616272959	Stable	4	0	No	0.206997925	0.00	0.616272959	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	C2H6	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	C2H4	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB064	635785.77	3755140.34	ACETYLENE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	PCE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	TCE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	DCE12C	6/23/2020	12/7/2021	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

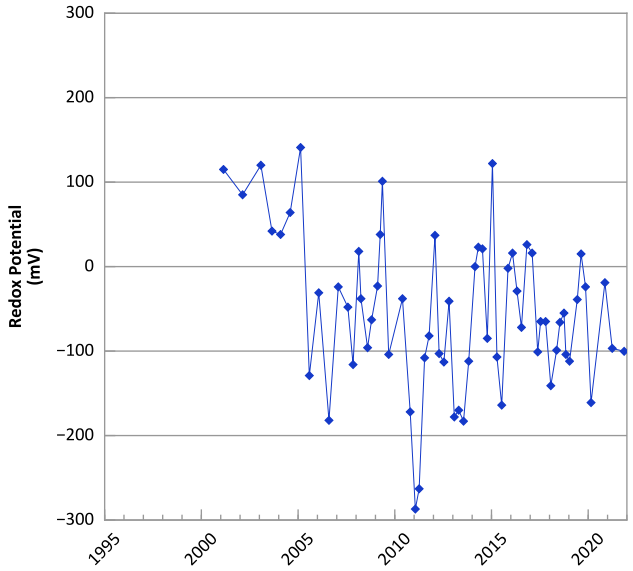
PTX06-ISB068	635263.93	3755181.61	DCA12	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	TCLME	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	VC	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	PERC	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	MN	6/23/2020	12/7/2021	4	0	No	0.228217732	0.00	0.875241863	Stable	4	0	No	0.228217732	0.00	0.875241863	Stable	4	0	No	0.228217732	0.00	0.875241863	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	AS	6/23/2020	12/7/2021	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	BA	6/23/2020	12/7/2021	4	0	No	0.223878095	0.00	0.874599022	Stable	4	0	No	0.223878095	0.00	0.874599022	Stable	4	0	No	0.223878095	0.00	0.874599022	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	FE	6/23/2020	12/7/2021	4	0	No	0.314811342	0.00	1	Increasing	4	0	No	0.314811342	0.00	1	Increasing	4	0	No	0.314811342	0.00	1	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	MN	6/23/2020	12/7/2021	4	0	No	0.228217732	0.00	0.875241863	Stable	4	0	No	0.228217732	0.00	0.875241863	Stable	4	0	No	0.228217732	0.00	0.875241863	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	TOC	6/23/2020	12/7/2021	4	0	No	0.14556373	0.00	0.984549928	Decreasing	4	0	No	0.14556373	0.00	0.984549928	Decreasing	4	0	No	0.14556373	0.00	0.984549928	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	DOC	6/23/2020	12/7/2021	4	0	No	0.134121129	0.00	0.923479358	Probably Decreasing	4	0	No	0.134121129	0.00	0.923479358	Probably Decreasing	4	0	No	0.134121129	0.00	0.923479358	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	NITRATE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	SO4	6/23/2020	12/7/2021	4	0	No	0.545437197	0.00	0.947846898	Probably Decreasing	4	0	No	0.545437197	0.00	0.947846898	Probably Decreasing	4	0	No	0.545437197	0.00	0.947846898	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	CH4	6/23/2020	12/7/2021	4	0	No	0.148984199	0.00	0.864388417	No Trend	4	0	No	0.148984199	0.00	0.864388417	No Trend	4	0	No	0.148984199	0.00	0.864388417	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	C2H6	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	C2H4	6/23/2020	12/7/2021	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB068	635263.93	3755181.61	ACETYLENE	6/23/2020	12/7/2021	0	4	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	4	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	PCE	4/6/2009	12/8/2021	1	34	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	34	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	TCE	4/6/2009	12/8/2021	8	32	No	2.626495551	0.00	0.541131506	No Trend	4	0	No	1.309068088	0.00	0.643903641	No Trend	7	32	No	1.525251132	0.00	0.937377528	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	DCE12C	4/6/2009	12/8/2021	21	19	No	3.084203089	0.00	0.870423855	No Trend	4	0	No	1.291686909	-0.01	0.972857	Decreasing	20	19	No	0.865365414	0.00	0.653325508	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	DCA12	4/6/2009	12/8/2021	0	35	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	34	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	TCLME	4/6/2009	12/8/2021	2	33	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	33	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	VC	4/6/2009	12/8/2021	1	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	38	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	PERC	4/6/2009	12/8/2021	2	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	36	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	MN	4/6/2009	12/8/2021	38	0	No	2.227501537	0.00	0.645475821	No Trend	4	0	No	0.481037933	0.00	0.997209936	Decreasing	37	0	No	2.192687725	0.00	0.666905661	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	AS	9/14/2009	12/8/2021	34	3	No	1.101487133	0.00	0.729703152	No Trend	4	0	No	1.027512456	0.01	0.978839318	Increasing	34	3	No	1.101487133	0.00	0.729703152	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	BA	2/22/2018	12/8/2021	9	0	No	0.277762509	0.00	0.643610012	No Trend	4	0	No	0.353488096	0.00	0.825929078	Stable	9	0	No	0.277762509	0.00	0.643610012	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	FE	9/14/2009	12/8/2021	37	0	No	2.066658695	0.00	0.760836275	No Trend	4	0	No	0.422799858	0.00	0.924113102	Probably Decreasing	37	0	No	2.066658695	0.00	0.760836275	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	MN	4/6/2009	12/8/2021	38	0	No	2.227501537	0.00	0.645475821	No Trend	4	0	No	0.481037933	0.00	0.997209936	Decreasing	37	0	No	2.192687725	0.00	0.666905661	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	TOC	4/6/2009	12/8/2021	38	0	No	2.181873509	0.00	0.999979036	Increasing	4	0	No	0.219600247	0.00	0.943589903	Probably Decreasing	37	0	No	2.147481424	0.00	0.999927772	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	DOC	4/6/2009	12/8/2021	36	0	No	2.569645275	0.00	0.998934013	Increasing	4	0	No	1.193452961	0.02	0.882971021	No Trend	35	0	No	2.529110431	0.00	0.995126846	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	NITRATE	9/14/2009	12/8/2021	11	23	No	2.024266721	0.00	0.930587534	Probably Increasing	4	0	No	1.340523467	-0.01	0.933927865	Probably Decreasing	11	23	No	2.024266721	0.00	0.930587534	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	SO4	4/6/2009	12/8/2021	32	6	No	2.6431425	0.00	0.994265711	Increasing	4	0	No	0.416277789	0.00	0.848113744	Stable	31	6	No	2.747359643	0.00	0.999713185	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	CH4	4/6/2009	12/8/2021	37	1	No	0.39913857	0.00	0.937789895	Probably Decreasing	4	0	No	0.241010822	0.00	0.713187401	Stable	37	0	No	0.39913857	0.00	0.937789895	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	C2H6	4/6/2009	12/8/2021	3	34	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	33	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	C2H4	4/6/2009	12/8/2021	0	38	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	37	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB073	634821.31	3755453.71	ACETYLENE	1/27/2016	12/8/2021	0	16	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	16	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	PCE	4/6/2009	12/6/2021	3	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	39	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	TCE	4/6/2009	12/6/2021	38	9	No	2.923957936	0.00	0.826152713	No Trend	4	0	No	0.609395239	0.00	0.86759044	Stable	37	9	No	1.24795685	0.00	0.988683719	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	DCE12C	4/6/2009	12/6/2021	46	0	No	0.829738158	0.00	0.999991701	Increasing	4	0	No	0.578845522	0.01	0.915699232	Probably Increasing	45	0	No	0.82284221	0.00	0.999996436	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	DCA12	4/6/2009	12/6/2021	34	8	No	0.673160111	0.00	0.999997669	Decreasing	4	0	No	0.402609481	0.00	0.784774619	No Trend	33	8	No	0.548704742	0.00	0.999925495	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	TCLME	4/6/2009	12/6/2021	1	41	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	41	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	VC	4/6/2009	12/6/2021	30	17	No	1.143949466	0.00	0.999999958	Increasing	4	0	No	0.463958095	0.00	0.962032405	Increasing	30	16	No	1.143949466	0.00	0.999999958	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	PERC	4/6/2009	12/6/2021	2	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	42	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	MN	9/15/2009	12/6/2021	43	0	No	2.396624215	0.00	1	Decreasing	4	0	No	0.428468418	0.00	0.805962578	No Trend	43	0	No	2.396624215	0.00	1	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	AS	9/15/2009	12/6/2021	43	0	No	0.734679255	0.00	0.999999985	Increasing	4	0	No	0.384900179	0.00	0.713506991	No Trend	43	0	No	0.734679255	0.00	0.999999985	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	BA	1/30/2018	12/6/2021	12	0	No	0.234318487	0.00	0.761327967	Stable	4	0	No	0.451491835	0.00	0.524950878	No Trend	12	0	No	0.234318487	0.00	0.761327967	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	FE	9/15/2009	12/6/2021	43	0	No	1.445114997	0.00	0.999999963	Decreasing	4	0	No	0.344190111	0.00	0.654327909	No Trend	43	0	No	1.445114997	0.00	0.999999963	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	MN	9/15/2009	12/6/2021	43	0	No	2.396624215	0.00	1	Decreasing	4	0	No	0.428468418	0.00	0.805962578	No Trend	43	0	No	2.396624215	0.00	1	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	TOC	4/6/2009	12/6/2021	43	0	No	2.046645613	0.00	0.999975508	Decreasing	4	0	No	0.646286002	0.00	0.98034085	Decreasing	42	0	No	2.017624589	0.00	0.999999995	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	DOC	4/6/2009	12/6/2021	42	1	No	1.988409886	0.00	0.999999997	Decreasing	4	0	No	0.66927353	0.00	0.964188357	Decreasing	42	0	No	1.988409886	0.00	0.999999997	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	NITRATE	9/15/2009	12/6/2021	8	32	No	1.637221165	0.00	0.760782126	No Trend	4	0	No	1.410571542	0.00	0.777419955	No Trend	8	32	No	1.637221165	0.00	0.760782126	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	SO4	4/6/2009	12/6/2021	42	1	No	1.241984615	0.00	0.999999873	Increasing	4	0	No	0.770164784	0.00	0.803282205	No Trend	41	1	No	1.191593031	0.00	1	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	CH4	4/6/2009	12/6/2021	44	0	No	0.377225599	0.00	0.96596935	Increasing	4	0	No	0.055542664	0.00	0.992089724	Increasing	43	0	No	0.340403006	0.00	0.781612526	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	C2H6	4/6/2009	12/6/2021	5	38	No	1.878387497	0.00	0.665455684	No Trend	4	0	No	1.68063198	0.00	0.70507552	No Trend	4	38	No	1.68063198	0.00	0.662026383	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	C2H4	4/6/2009	12/6/2021	5	38	No	0.823480172	0.00	0.952054601	Increasing	4	0	No	0.657434669	0.00	0.96885208	Increasing	5	37	No	0.823480172	0.00	0.952054601	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB075	634813.17	3755333.92	ACETYLENE	1/20/2016	12/6/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	PCE	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	TCE	10/15/2009	12/6/2021	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	DCE12C	10/15/2009	12/6/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	DCA12	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	TCLME	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	VC	10/15/2009	12/6/2021	0	19	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	19	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	PERC	10/15/2009	12/6/2021	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	18	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	MN	10/15/2009	12/6/2021	19	0	No	0.264622354	0.00	0.761942566	No Trend	4	0	No	0.101514493	0.00	0.92095093	Probably Decreasing	19	0	No	0.264622354	0.00	0.761942566	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	AS	10/15/2009	12/6/2021	18	1	No	0.420727348	0.00	0.999032991	Increasing	4	0	No	0.230940108	0.00	0.645453132	Stable	18	1	No	0.420727348	0.00	0.999032991	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	BA	10/15/2009	12/6/2021	13	0	No	0.322519411	0.00	0.998086867	Increasing	4	0	No	0.180576084	0.00	0.748529514	Stable	13	0	No	0.322519411	0.00	0.998086867	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	FE	10/15/2009	12/6/2021	19	0	No	0.556158267	0.00	0.983415647	Increasing	4	0	No	0.709079333	0.00	0.754760978	Stable	19	0	No	0.556158267	0.00	0.983415647	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	MN	10/15/2009	12/6/2021	19	0	No	0.264622354	0.00	0.761942566	No Trend	4	0	No	0.101514493	0.00	0.92095093	Probably Decreasing	19	0	No	0.264622354	0.00	0.761942566	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	TOC	10/15/2009	12/6/2021	19	0	No	0.300177081	0.00	0.999968115	Increasing	4	0	No	0.282097401	0.00	0.750310346	Stable	19	0	No	0.300177081	0.00	0.999968115	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	DOC	4/26/2016	12/6/2021	18	0	No	0.097130061	0.00	0.914473953	Probably Increasing	4	0	No	0.07216748	0.00	0.955208208	Decreasing	18	0	No	0.097130061	0.00	0.914473953	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	NITRATE	10/15/2009	12/6/2021	2	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	17	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	SO4	10/15/2009	12/6/2021	18	1	No	2.345731675	0.00	0.997295121	Decreasing	4	0	No	0.224627134	0.00	0.938368351	Probably Decreasing	18	1	No	2.345731675	0.00	0.997295121	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	CH4	4/26/2016	12/6/2021	18	0	No	0.304002693	0.00	0.535446182	Stable	4	0	No	0.135254966	0.00	0.808840578	No Trend	18	0	No	0.304002693	0.00	0.535446182	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	C2H6	4/26/2016	12/6/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	C2H4	4/26/2016	12/6/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB079	636854.05	3755302.76	ACETYLENE	4/26/2016	12/6/2021	0	18	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	18	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	PCE	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	TCE	10/19/2009	12/6/2021	3	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	29	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	DCE12C	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	DCA12	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	TCLME	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	VC	10/19/2009	12/6/2021	0	32	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	32	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	PERC	10/19/2009	12/6/2021	1	31	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	31	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	MN	10/19/2009	12/6/2021	32	0	No	2.107151525	0.00	0.993737273	Decreasing	4	0	No	0.03378002	0.00	0.991369415	Decreasing	32	0	No	2.107151525	0.00	0.993737273	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	AS	10/19/2009	12/6/2021	31	1	No	0.383663656	0.00	0.949557764	Probably Increasing	4	0	No	0.083289964	0.00	0.837873246	No Trend	31	1	No	0.383663656	0.00	0.949557764	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	BA	10/19/2009	12/6/2021	13	0	No	0.302223199	0.00	0.992019113	Increasing	4	0	No	0.250576436	0.00	0.570670336	Stable	13	0	No	0.302223199	0.00	0.992019113	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	FE	10/19/2009	12/6/2021	32	0	No	1.329312035	0.00	0.901734747	Probably Increasing	4	0	No	0.031208123	0.00	0.685847623	No Trend	32	0	No	1.329312035	0.00	0.901734747	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	MN	10/19/2009	12/6/2021	32	0	No	2.107151525	0.00	0.993737273	Decreasing	4	0	No	0.03378002	0.00	0.991369415	Decreasing	32	0	No	2.107151525	0.00	0.993737273	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	TOC	10/19/2009	12/6/2021	31	0	No	0.438606507	0.00	0.993617821	Increasing	4	0	No	0.234156821	0.00	0.759460266	Stable	31	0	No	0.438606507	0.00	0.993617821	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	DOC	5/24/2011	12/6/2021	30	0	No	0.396996916	0.00	0.661800332	No Trend	4	0	No	0.248150449	0.00	0.873793587	Stable	30	0	No	0.396996916	0.00	0.661800332	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	NITRATE	10/19/2009	12/6/2021	5	25	No	2.040182438	0.00	0.696624815	No Trend	4	0	No	0.931152699	0.00	0.732402239	No Trend	5	25	No	2.040182438	0.00	0.696624815	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	SO4	10/19/2009	12/6/2021	30	1	No	2.568277621	0.00	0.998980285	Decreasing	4	0	No	0.483118187	0.00	0.598792492	Stable	30	1	No	2.568277621	0.00	0.998980285	Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	CH4	5/24/2011	12/6/2021	31	0	No	0.360604259	0.00	0.761775105	Stable	4	0	No	0.159579819	0.00	0.926914433	Probably Increasing	31	0	No	0.360604259	0.00	0.761775105	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	C2H6	5/24/2011	12/6/2021	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	C2H4	5/24/2011	12/6/2021	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	30	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB082	636597.92	3755139.36	ACETYLENE	1/20/2016	12/6/2021	0	20	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	20	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	PCE	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	TCE	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	DCE12C	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	DCA12	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	TCLME	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	VC	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	PERC	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	MN	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	AS	4/20/2021	12/8/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	BA	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	FE	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	MN	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	TOC	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	NITRATE	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	SO4	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	CH4	4/20/2021	12/8/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	C2H6	4/20/2021	12/8/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	C2H4	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB133	633258.03	3756042.56	ACETYLENE	4/20/2021	12/8/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	PCE	8/17/2020	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	TCE	8/17/2020	12/13/2021	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	DCE12C	8/17/2020	12/13/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	DCA12	8/17/2020	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	TCLME	8/17/2020	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	VC	8/17/2020	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	PERC	8/17/2020	12/13/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	MN	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	AS	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	BA	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	FE	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	MN	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	TOC	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	DOC	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	NITRATE	8/17/2020	12/13/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

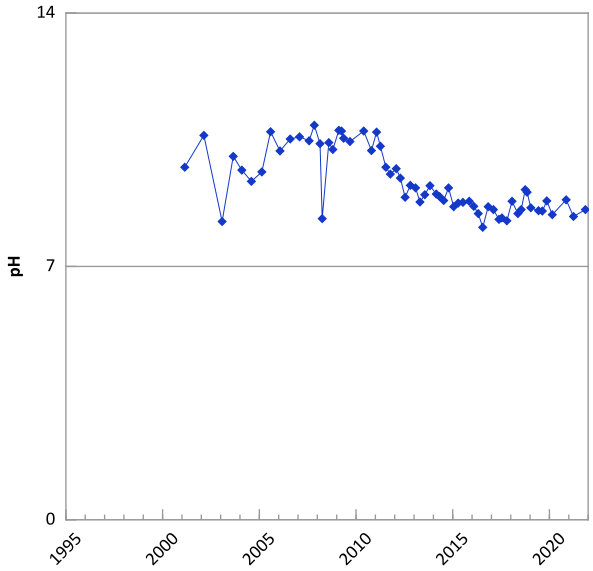
PTX06-ISB135	633150.44	3756170.97	SO4	8/17/2020	12/13/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	CH4	4/13/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	C2H6	4/13/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	C2H4	4/13/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB135	633150.44	3756170.97	ACETYLENE	4/13/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	PCE	12/16/2019	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	TCE	12/16/2019	12/13/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	DCE12C	12/16/2019	12/13/2021	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	DCA12	12/16/2019	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	TCLME	12/16/2019	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	VC	12/16/2019	12/13/2021	0	3	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	PERC	4/20/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	MN	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	AS	4/20/2021	12/13/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	BA	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	FE	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	MN	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	TOC	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	DOC	4/20/2021	4/20/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	NITRATE	4/20/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	SO4	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	CH4	4/20/2021	12/13/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	C2H6	4/20/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	C2H4	4/20/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB137	633029.65	3756277.60	ACETYLENE	4/20/2021	12/13/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	RDX	2/5/2018	8/24/2021	0	7	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	7	No	0	0.00	0	All Non-Detect	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	MN	2/5/2018	8/24/2021	8	0	No	2.029623006	0.00	0.789933695	No Trend	4	0	No	0.323161634	0.00	0.990928185	Increasing	8	0	No	2.029623006	0.00	0.789933695	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	AS	2/5/2018	8/24/2021	7	1	No	0.378202561	0.00	0.841397557	No Trend	4	0	No	0.293060324	0.00	0.90549858	Probably Decreasing	7	1	No	0.378202561	0.00	0.841397557	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	BA	2/5/2018	8/24/2021	5	0	No	0.627801339	0.00	0.561107319	No Trend	4	0	No	0.624744846	0.00	0.927672301	Probably Decreasing	5	0	No	0.627801339	0.00	0.561107319	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	FE	2/5/2018	8/24/2021	8	0	No	1.766536533	0.00	0.792481372	No Trend	4	0	No	0.253520647	0.00	0.903843156	Probably Increasing	8	0	No	1.766536533	0.00	0.792481372	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	MN	2/5/2018	8/24/2021	8	0	No	2.029623006	0.00	0.789933695	No Trend	4	0	No	0.323161634	0.00	0.990928185	Increasing	8	0	No	2.029623006	0.00	0.789933695	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	TOC	2/5/2018	8/24/2021	9	1	No	1.619596753	0.00	0.681321088	No Trend	4	0	No	0.459682525	0.00	0.748692909	No Trend	9	1	No	1.619596753	0.00	0.681321088	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	DOC	2/5/2018	8/24/2021	10	0	No	1.713220411	0.00	0.954600076	Increasing	4	0	No	0.452644102	0.00	0.824402472	No Trend	10	0	No	1.713220411	0.00	0.954600076	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	NITRATE	2/5/2018	8/24/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB302	647471.65	3750705.36	SO4	2/5/2018	8/24/2021	8	0	No	0.90542602	0.00	0.650732745	Stable	4	0	No	0.578300716	0.00	0.770939154	Stable	8	0	No	0.90542602	0.00	0.650732745	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	RDX	1/31/2018	8/24/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	MN	1/31/2018	8/24/2021	8	0	No	1.208368125	0.00	0.934040042	Probably Increasing	4	0	No	0.774043357	0.00	0.789761769	No Trend	8	0	No	1.208368125	0.00	0.934040042	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	AS	1/31/2018	8/24/2021	6	2	No	0.469713341	0.00	0.562139462	Stable	4	0	No	0.416950017	0.00	0.992426045	Decreasing	6	2	No	0.469713341	0.00	0.562139462	Stable	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	BA	1/31/2018	8/24/2021	5	0	No	1.058561552	0.00	0.63260761	No Trend	4	0	No	0.98433094	0.00	0.918768319	Probably Decreasing	5	0	No	1.058561552	0.00	0.63260761	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	FE	1/31/2018	8/24/2021	8	0	No	1.152979039	0.00	0.976426683	Increasing	4	0	No	0.991506571	0.00	0.861299069	No Trend	8	0	No	1.152979039	0.00	0.976426683	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	MN	1/31/2018	8/24/2021	8	0	No	1.208368125	0.00	0.934040042	Probably Increasing	4	0	No	0.774043357	0.00	0.789761769	No Trend	8	0	No	1.208368125	0.00	0.934040042	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	TOC	1/31/2018	8/24/2021	8	1	No	1.58034364	0.00	0.975360262	Increasing	4	0	No	1.123663408	0.01	0.704205539	No Trend	8	1	No	1.58034364	0.00	0.975360262	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	DOC	1/31/2018	8/24/2021	8	0	No	1.664228361	0.01	0.996965381	Increasing	4	0	No	1.337067012	0.00	0.723139625	No Trend	8	0	No	1.664228361	0.01	0.996965381	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	NITRATE	1/31/2018	8/24/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB307	647823.09	3750836.66	SO4	1/31/2018	8/24/2021	8	0	No	1.132861097	0.00	0.544607653	No Trend	4	0	No	1.04113641	0.00	0.705105685	No Trend	8	0	No	1.132861097	0.00	0.544607653	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	RDX	1/9/2018	8/30/2021	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	7	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	MN	1/9/2018	8/30/2021	8	0	No	1.052653035	0.00	0.965973879	Increasing	4	0	No	1.005249126	0.00	0.890485378	No Trend	8	0	No	1.052653035	0.00	0.965973879	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	AS	1/9/2018	8/30/2021	6	2	No	0.763838368	0.00	0.507111942	No Trend	4	0	No	0.775880905	0.00	0.709509088	Stable	6	2	No	0.763838368	0.00	0.507111942	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	BA	1/9/2018	8/30/2021	5	0	No	0.669015392	0.00	0.931722269	Probably Increasing	4	0	No	0.532828043	0.00	0.52583449	No Trend	5	0	No	0.669015392	0.00	0.931722269	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	FE	1/9/2018	8/30/2021	8	0	No	1.581464415	0.01	0.995421638	Increasing	4	0	No	1.108185683	0.01	0.92118634	Probably Increasing	8	0	No	1.581464415	0.01	0.995421638	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	MN	1/9/2018	8/30/2021	8	0	No	1.052653035	0.00	0.965973879	Increasing	4	0	No	1.005249126	0.00	0.890485378	No Trend	8	0	No	1.052653035	0.00	0.965973879	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	TOC	1/9/2018	8/30/2021	9	0	No	1.358988749	0.01	0.998577266	Increasing	4	0	No	0.826526897	0.00	0.917792513	Probably Increasing	9	0	No	1.358988749	0.01	0.998577266	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	DOC	1/9/2018	8/30/2021	9	0	No	1.406701193	0.01	0.998470264	Increasing	4	0	No	0.896200743	0.00	0.907094424	Probably Increasing	9	0	No	1.406701193	0.01	0.998470264	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	NITRATE	1/9/2018	8/30/2021	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB317	648527.50	3751098.16	SO4	1/9/2018	8/30/2021	8	0	No	2.177643487	0.00	0.801584517	No Trend	4	0	No	1.635222073	0.00	0.752957808	No Trend	8	0	No	2.177643487	0.00	0.801584517	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	RDX	1/25/2018	8/30/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	MN	1/25/2018	8/30/2021	7	0	No	1.188989386	0.00	0.972457112	Increasing	4	0	No	0.975966693	0.00	0.697917936	No Trend	7	0	No	1.188989386	0.00	0.972457112	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	AS	1/25/2018	8/30/2021	5	2	No	0.643521101	0.00	0.906890058	Probably Decreasing	4	0	No	0.71919188	0.00	0.869953103	Stable	5	2	No	0.643521101	0.00	0.906890058	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	BA	1/25/2018	8/30/2021	5	0	No	0.727016872	0.00	0.681041898	No Trend	4	0	No	0.642196232	0.00	0.981003154	Decreasing	5	0	No	0.727016872	0.00	0.681041898	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	FE	1/25/2018	8/30/2021	7	0	No	1.487733283	0.00	0.977337578	Increasing	4	0	No	1.048067202	0.00	0.792049089	No Trend	7	0	No	1.487733283	0.00	0.977337578	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	MN	1/25/2018	8/30/2021	7	0	No	1.188989386	0.00	0.972457112	Increasing	4	0	No	0.975966693	0.00	0.697917936	No Trend	7	0	No	1.188989386	0.00	0.972457112	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	TOC	1/25/2018	8/30/2021	8	1	No	1.58010012	0.00	0.953265852	Increasing	4	0	No	0.962684759	0.01	0.886839238	No Trend	8	1	No	1.58010012	0.00	0.953265852	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	DOC	1/25/2018	8/30/2021	7	1	No	2.109200374	0.00	0.896333258	No Trend	4	0	No	1.624668618	0.01	0.883428294	No Trend	7	1	No	2.109200374	0.00	0.896333258	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	NITRATE	1/25/2018	8/30/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB321	648809.07	3751203.15	SO4	1/25/2018	8/30/2021	7	0	No	1.562027484	0.00	0.729981343	No Trend	4	0	No	1.130116247	0.00	0.676366636	No Trend	7	0	No	1.562027484	0.00	0.729981343	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	RDX	1/8/2018	8/25/2021	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	6	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	MN	1/8/2018	8/25/2021	7	0	No	2.030208565	0.00	0.877214549	No Trend	4	0	No	0.512987462	0.00	0.958587167	Increasing	7	0	No	2.030208565	0.00	0.877214549	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	AS	1/8/2018	8/25/2021	7	0	No	0.663277847	0.00	0.946416359	Probably Increasing	4	0	No	0.610137433	0.00	0.650931766	Stable	7	0	No	0.663277847	0.00	0.946416359	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	BA	1/8/2018	8/25/2021	5	0	No	0.563856783	0.00	0.961384997	Increasing	4	0	No	0.405985238	0.00	0.527386478	No Trend	5	0	No	0.563856783	0.00	0.961384997	Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	FE	1/8/2018	8/25/2021	7	0	No	1.762059375	0.00	0.918881237	Probably Increasing	4	0	No	0.531262936	0.00	0.973429685	Increasing	7	0	No	1.762059375	0.00	0.918881237	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	MN	1/8/2018	8/25/2021	7	0	No	2.030208565	0.00	0.877214549	No Trend	4	0	No	0.512987462	0.00	0.958587167	Increasing	7	0	No	2.030208565	0.00	0.877214549	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	TOC	1/8/2018	8/25/2021	8	1	No	1.683160458	0.00	0.848716355	No Trend	4	0	No	0.958017098	0.01	0.902844685	Probably Increasing	8	1	No	1.683160458	0.00	0.848716355	No Trend	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	DOC	1/8/2018	8/25/2021	9	0	No	1.839864095	0.00	0.927988633	Probably Increasing	4	0	No	0.987083211	0.00	0.863932323	No Trend	9	0	No	1.839864095	0.00	0.927988633	Probably Increasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	NITRATE	1/8/2018	8/25/2021	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	5	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB325	649090.64	3751308.18	SO4	1/8/2018	8/25/2021	7	0	No	1.892893981	0.00	0.948555076	Probably Decreasing	4	0	No	0.31535002	0.00	0.542272024	No Trend	7	0	No	1.892893981	0.00	0.948555076	Probably Decreasing	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	RDX	12/14/2020	8/25/2021	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	MN	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	AS	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	BA	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	FE	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	MN	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	TOC	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	DOC	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	NITRATE	12/14/2020	8/25/2021	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB329	649091.36	3751609.51	SO4	12/14/2020	8/25/2021	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	RDX	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	HMX	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	TNT	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DNT24	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DNT26	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DNT2A	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DNT4A	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	TNB135	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DNB13	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	PCE	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	TCE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DCE12C	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	DCA12	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	TCLME	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	VC	11/15/2021	11/15/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	B	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	AS	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	BA	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	CR	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	FE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	MN	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	MO	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	NI	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	V	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	TOC	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	NITRATE	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB331	649092.70	3751760.79	SO4	11/15/2021	11/15/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	RDX	8/10/2020	3/2/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	HMX	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	TNT	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	DNT24	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	DNT26	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	DNT2A	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	DNT4A	8/10/2020	3/2/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	TNB135	8/10/2020	3/2/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB401	650711.91	3749151.58	DNB13	8/10/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	RDX	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	MN	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	AS	1/13/2021	1/13/2021	0	1	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	BA	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	FE	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	MN	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

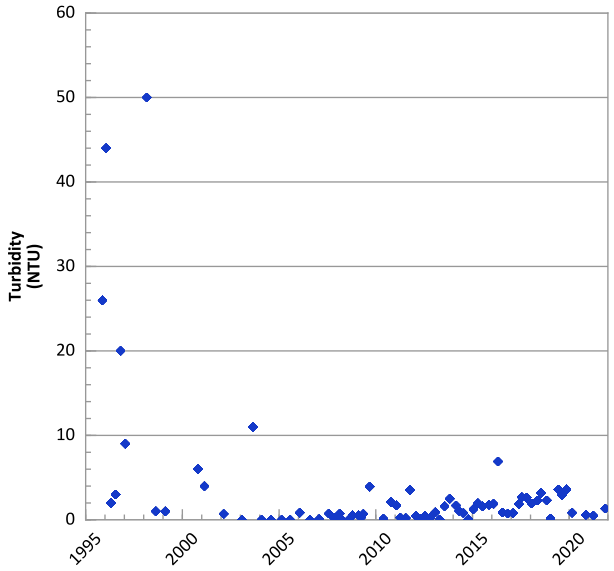
PTX06-ISB407	651101.78	3749376.17	TOC	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	DOC	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	NITRATE	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB407	651101.78	3749376.17	SO4	1/13/2021	1/13/2021	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	RDX	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	HMX	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	TNT	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	DNT24	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	DNT26	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	DNT2A	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	DNT4A	5/18/2020	3/2/2021	1	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	Yes	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	TNB135	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB410	651296.89	3749487.69	DNB13	5/18/2020	3/2/2021	0	2	Yes	0	0.00	0	All Non-Detect	0	4	Yes	0	0.00	0	All Non-Detect	0	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB412	649464.65	3750447.35	RDX	11/3/2020	2/9/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB414	649662.66	3750642.84	RDX	11/3/2020	2/9/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-ISB416	649866.95	3750879.41	RDX	11/3/2020	2/9/2021	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	2	0	No	0	0.00	0	N/A (<4 Detections in Dataset)	0	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



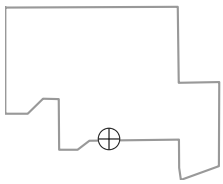






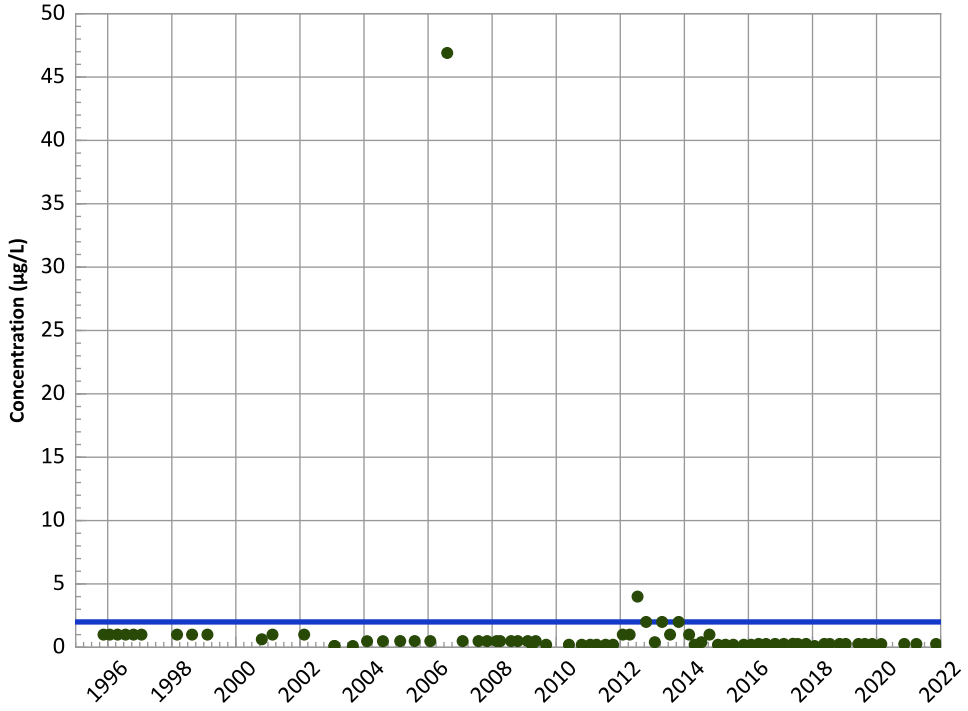
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

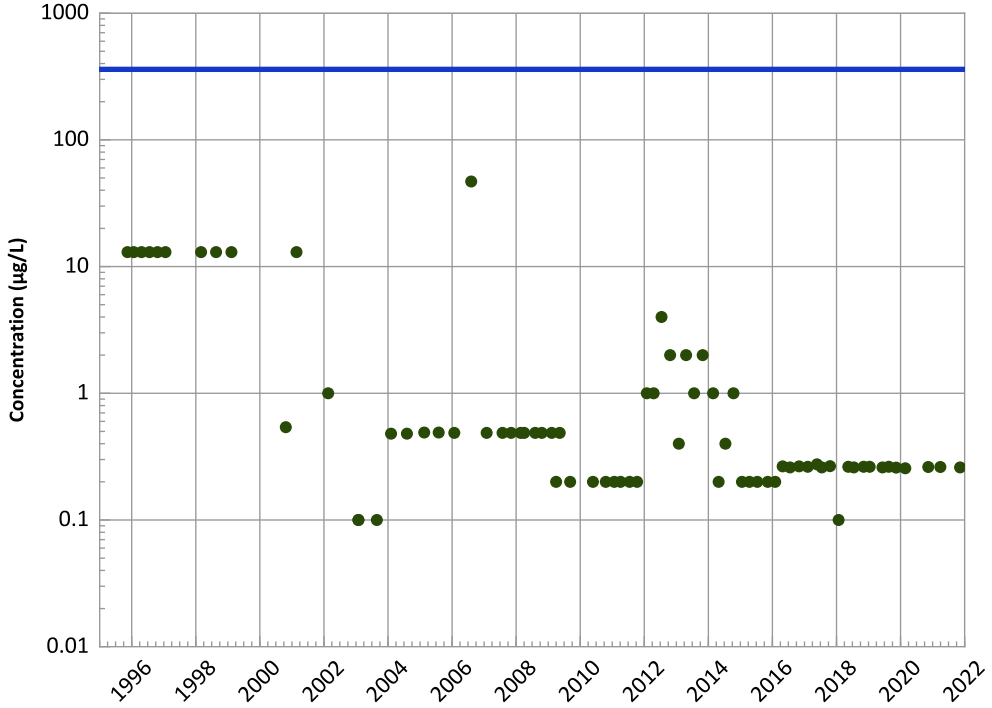


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

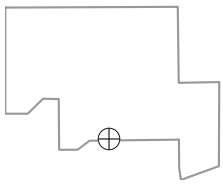
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

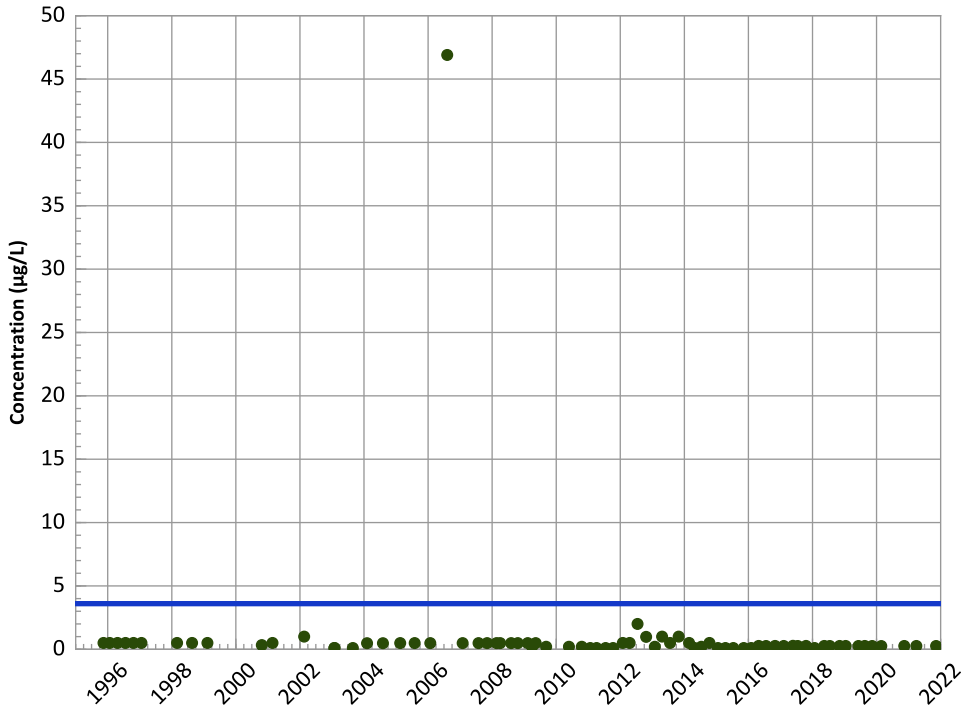
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

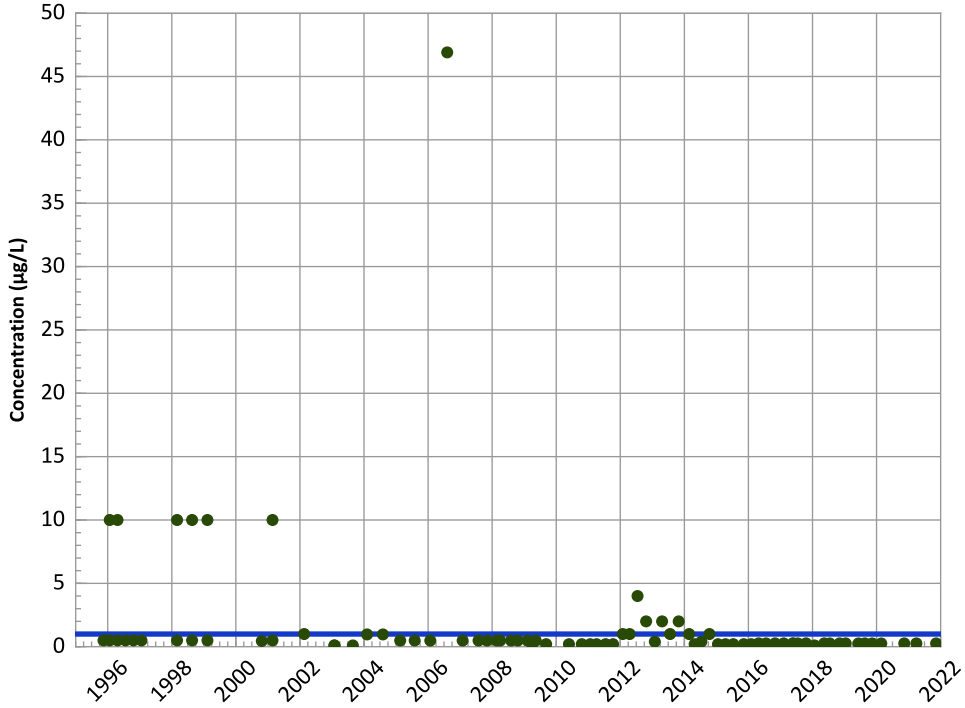


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

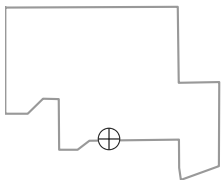
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

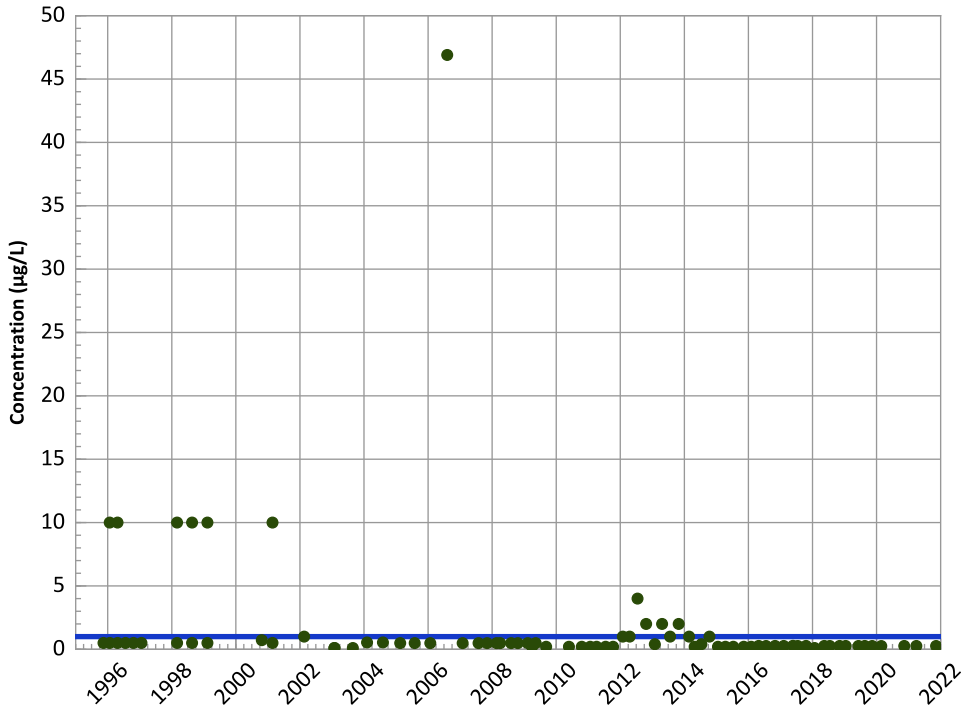
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

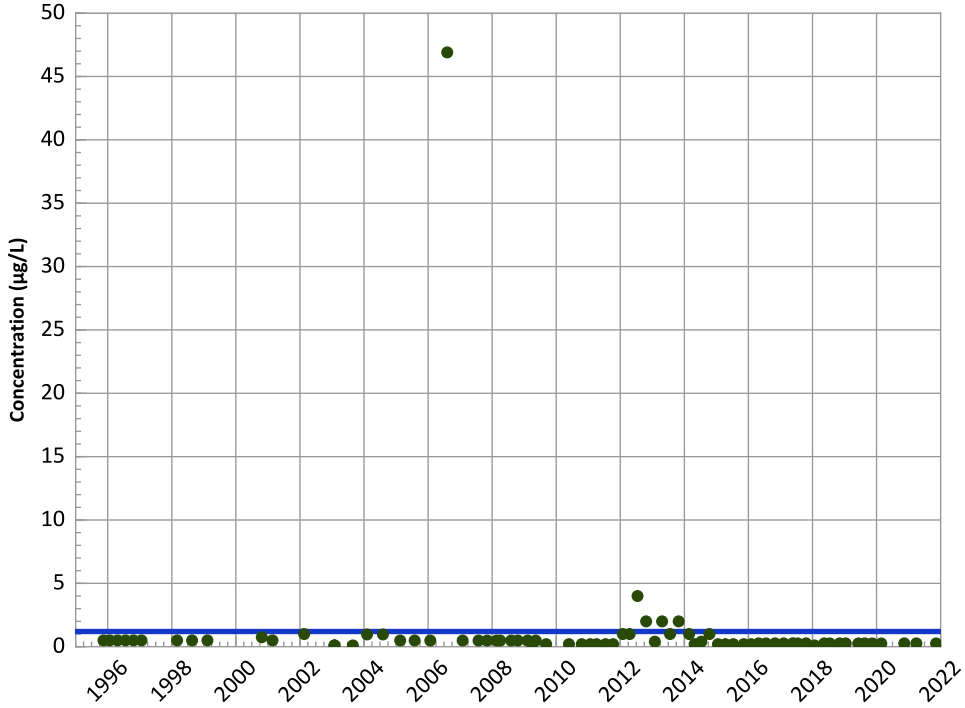


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

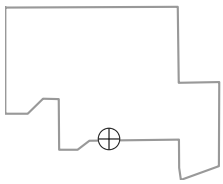
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

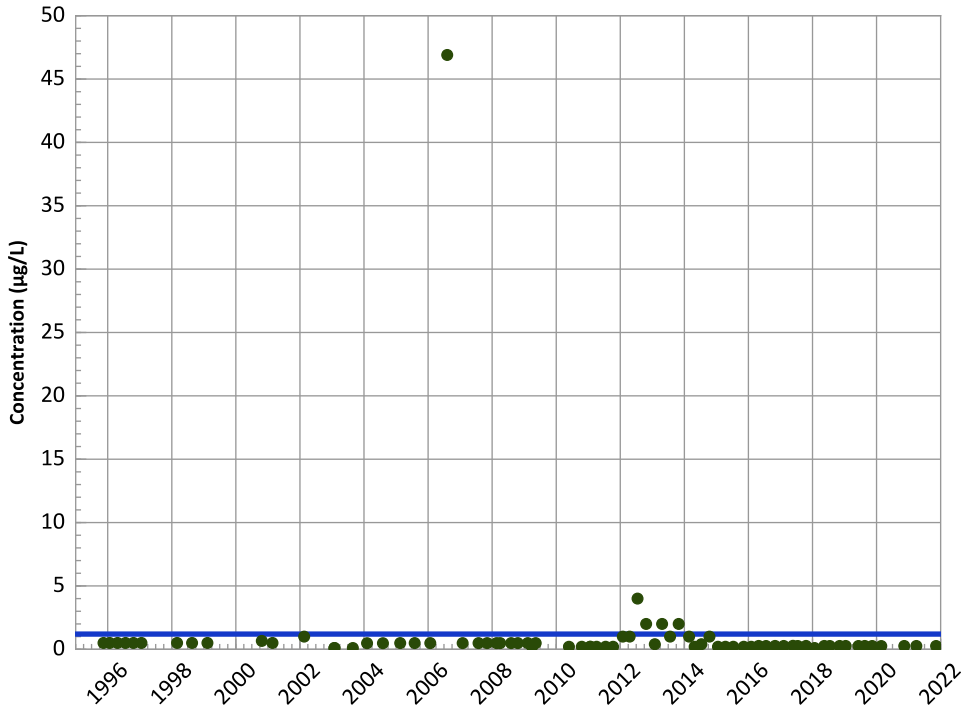
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

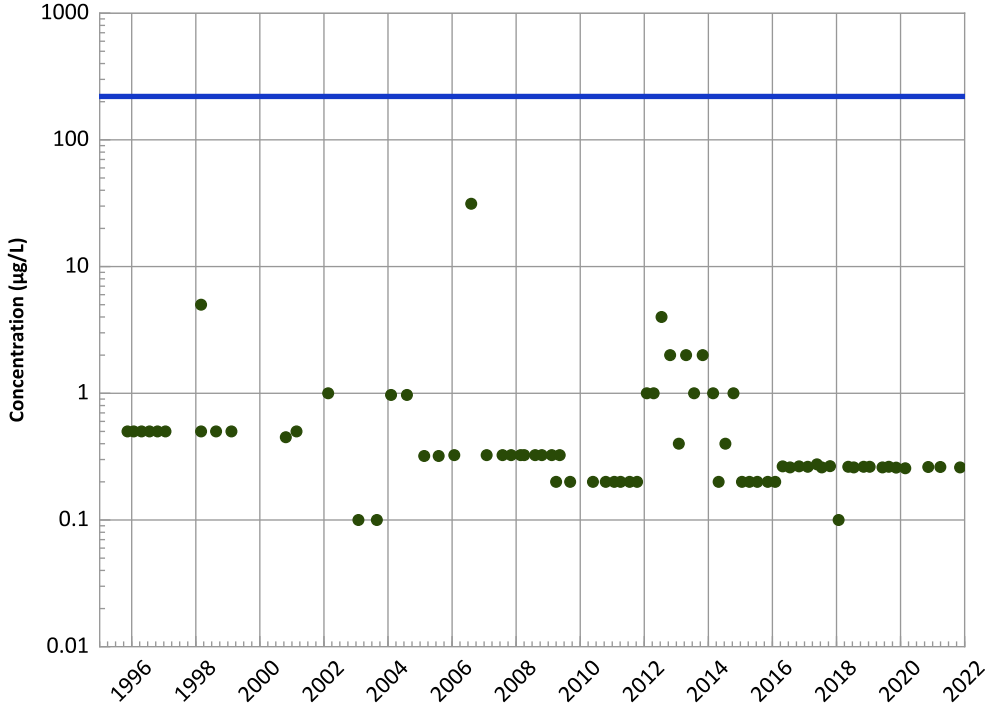


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

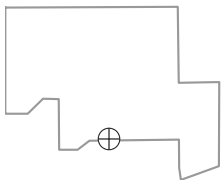
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

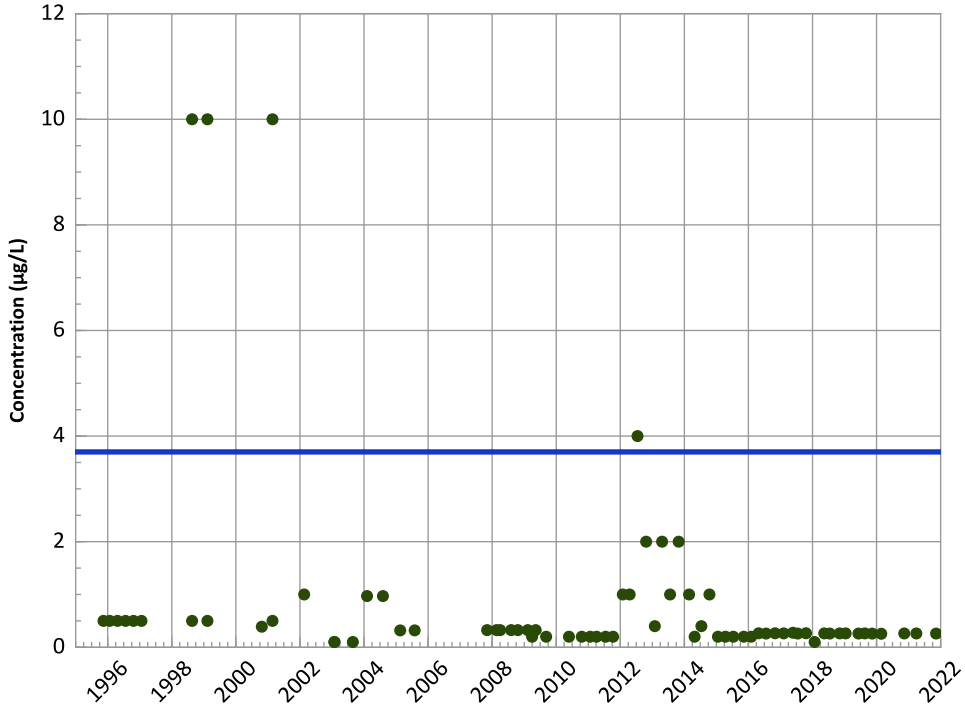
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

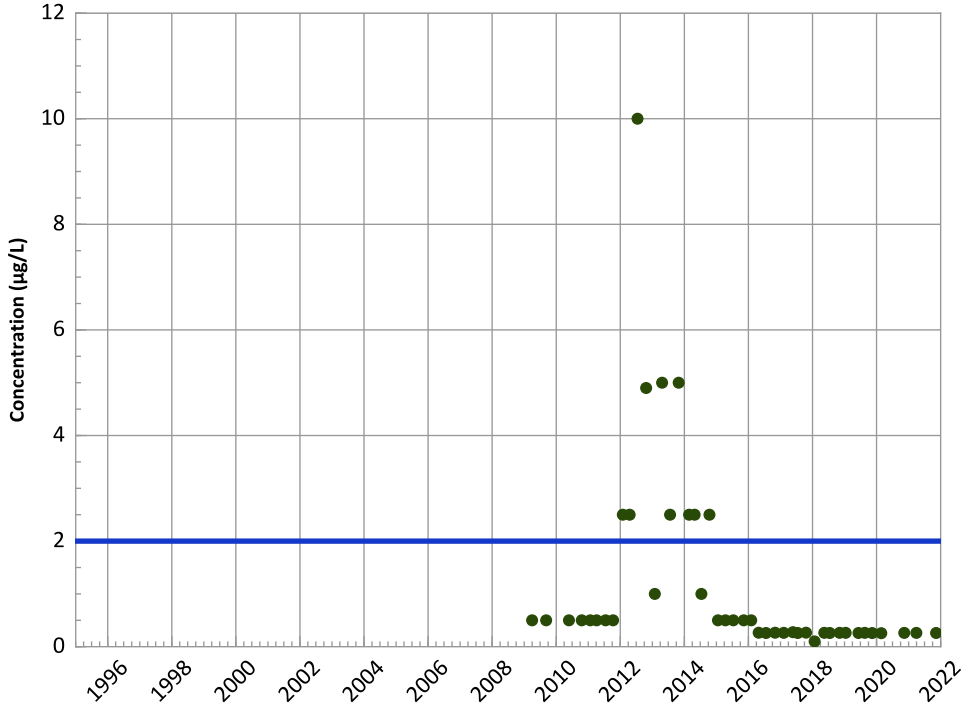


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

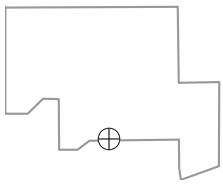
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

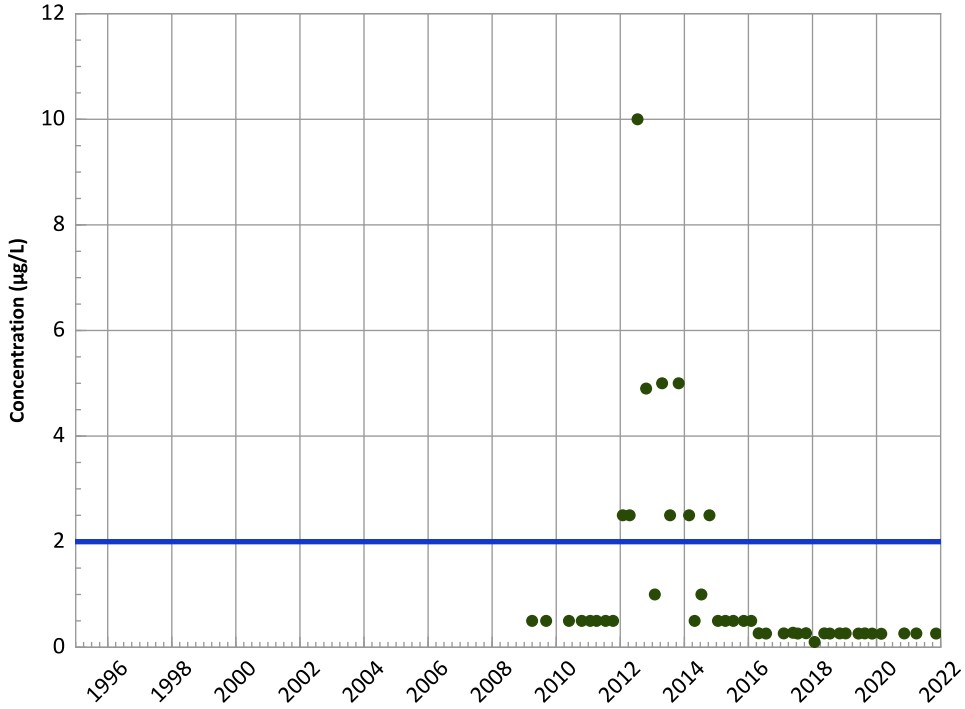
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

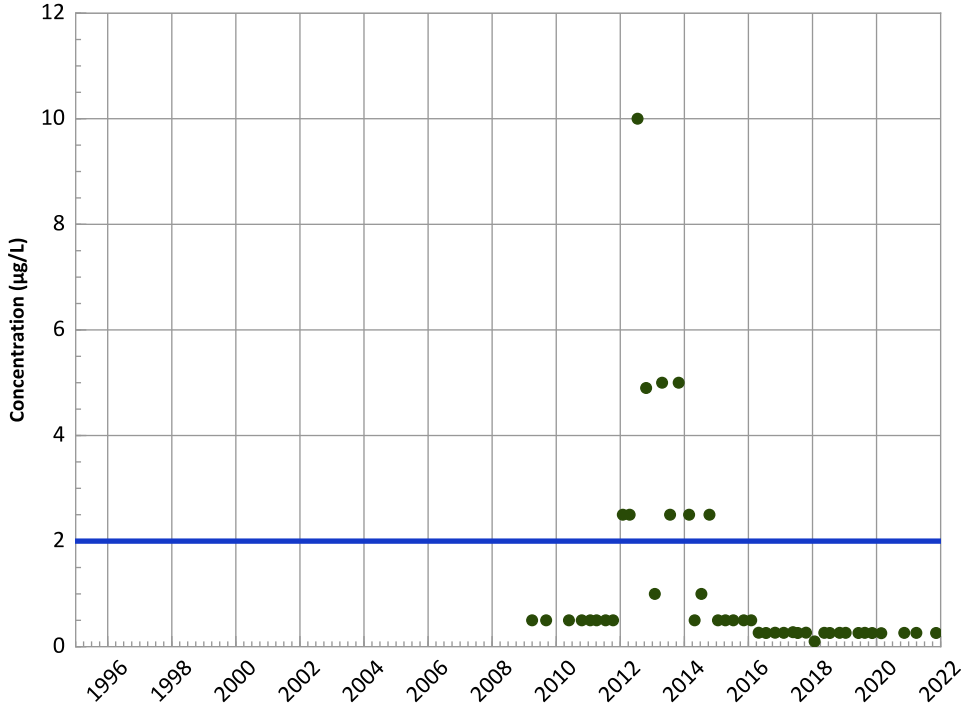


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

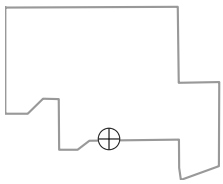


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

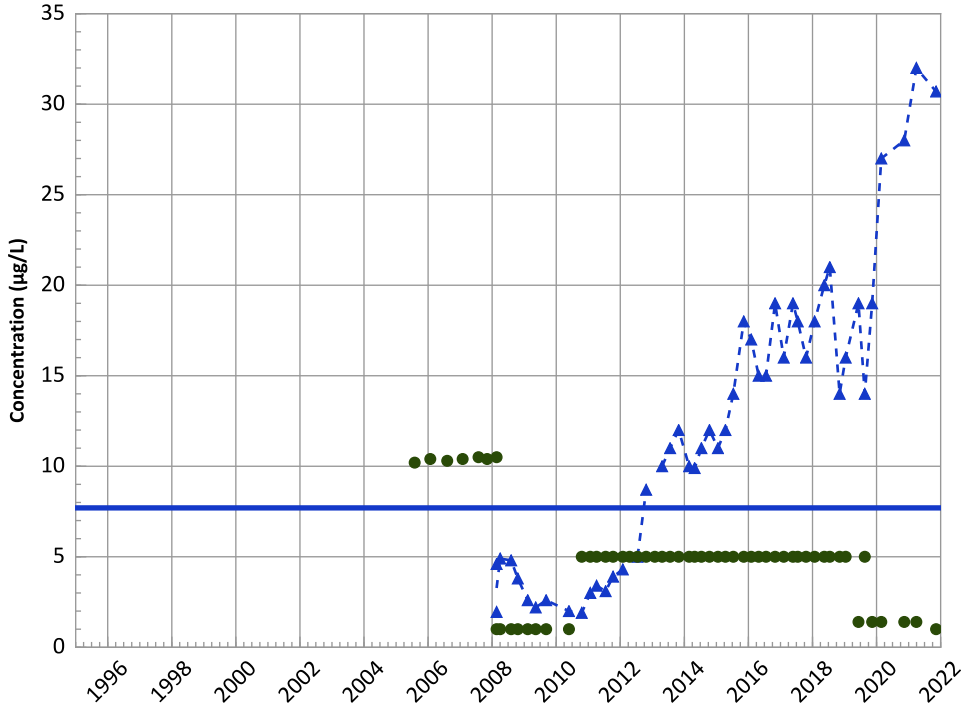


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

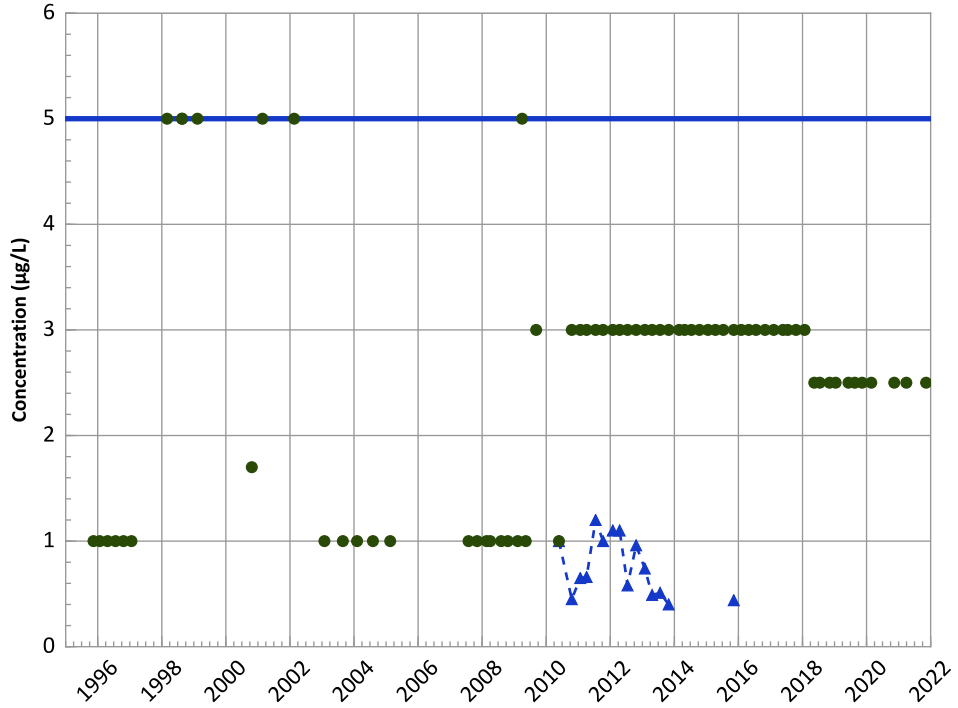


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Tetrachloroethylene (PCE) Trend



Concentration Trend

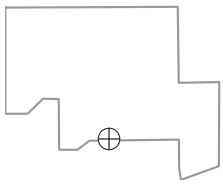
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

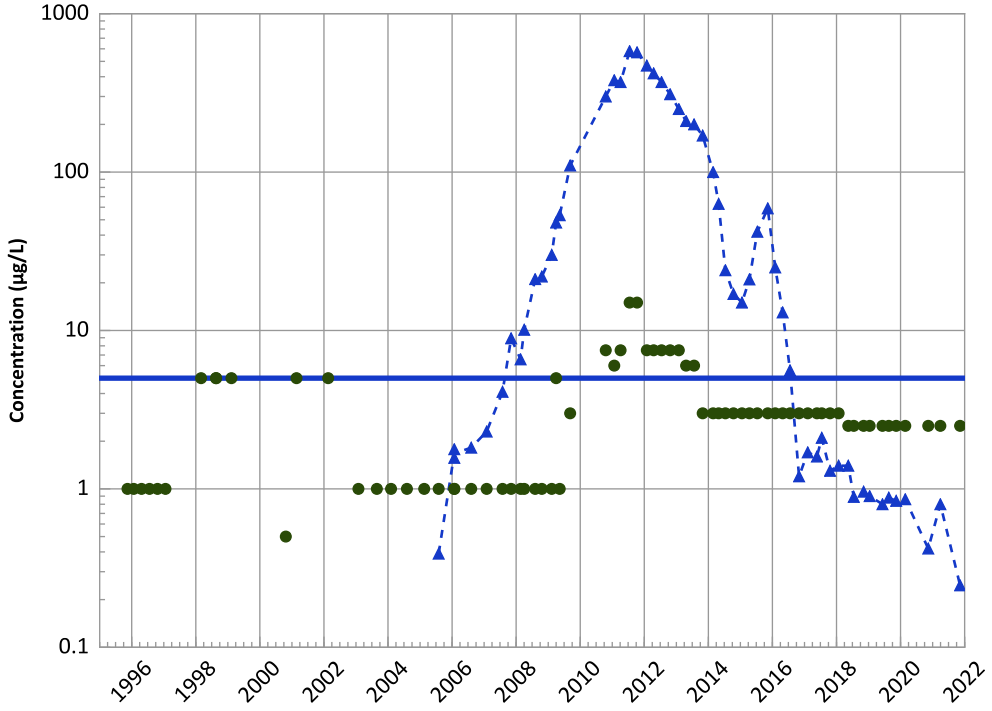
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

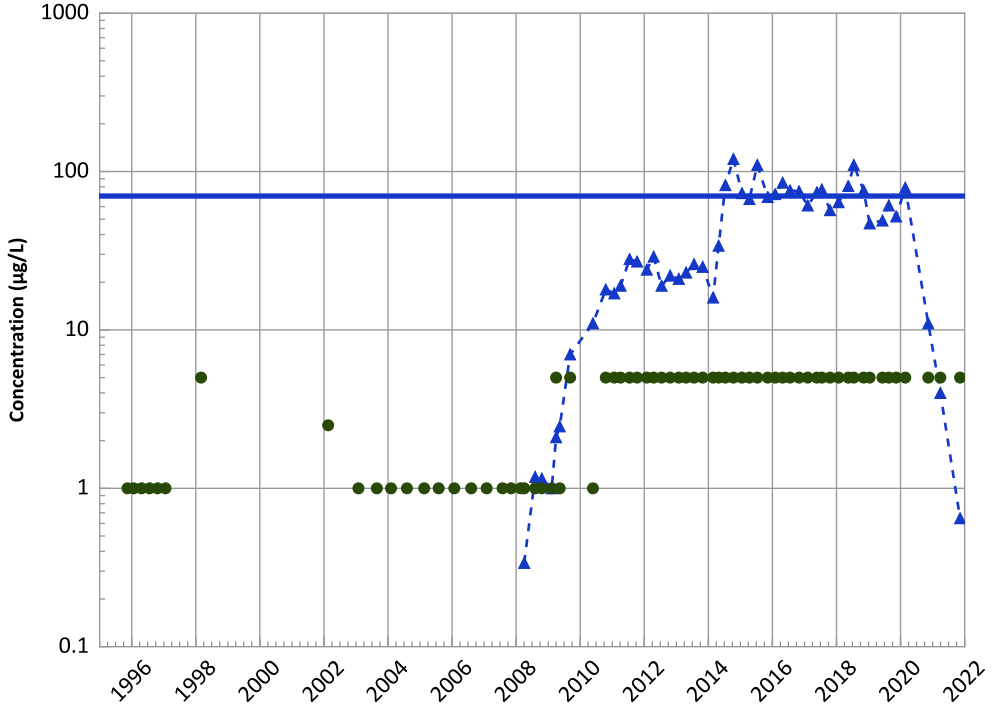


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

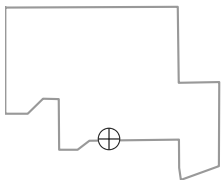
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

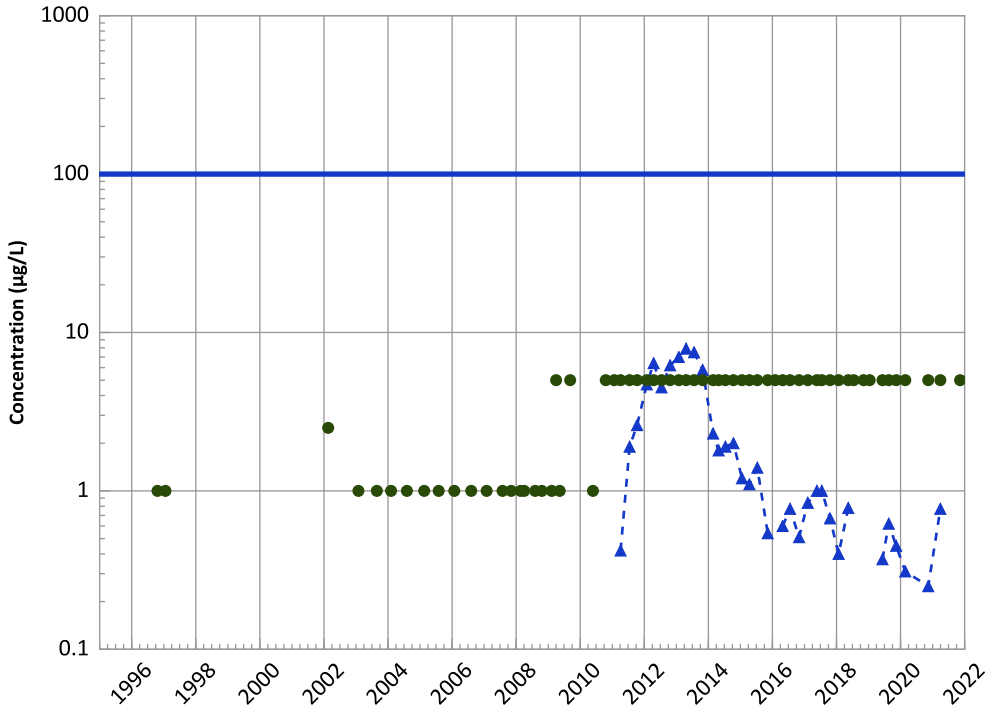
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

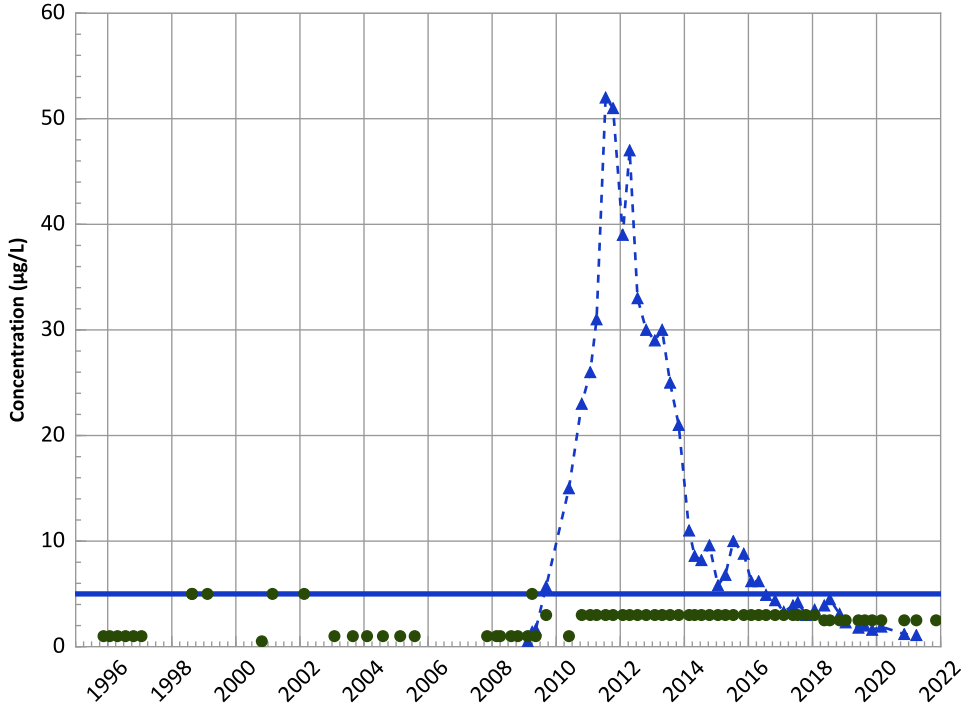


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

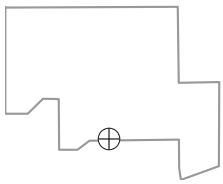
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

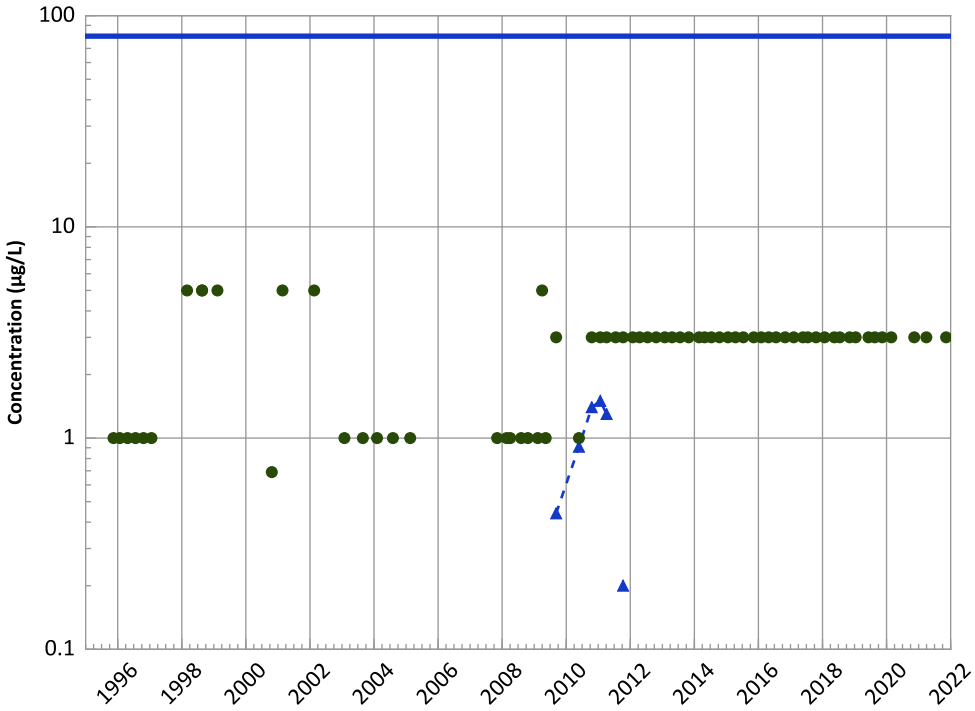
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

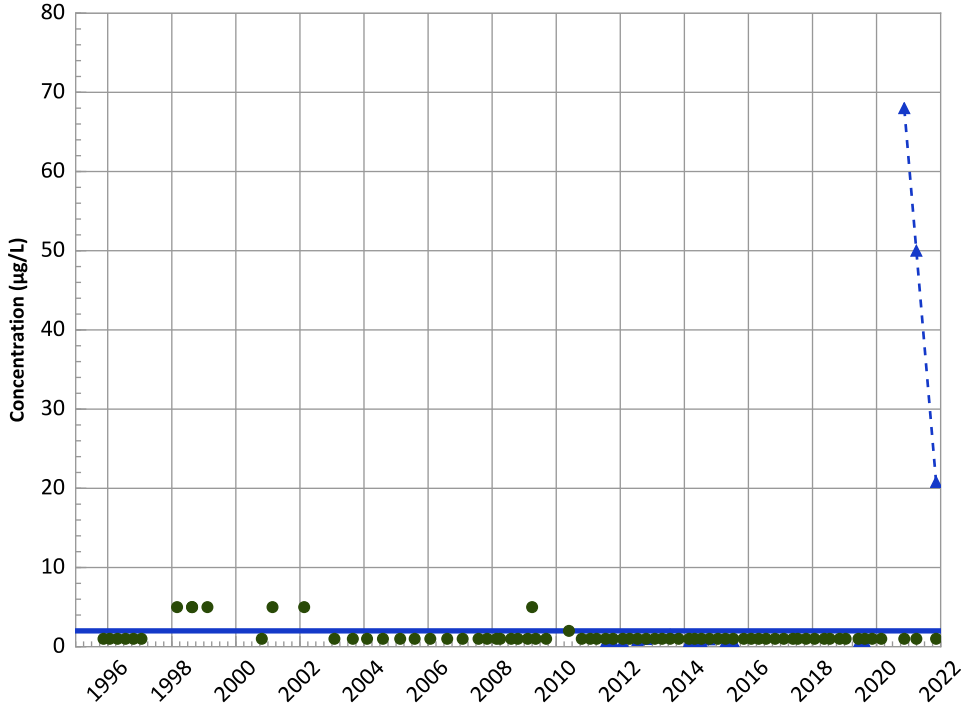


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

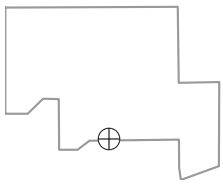
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

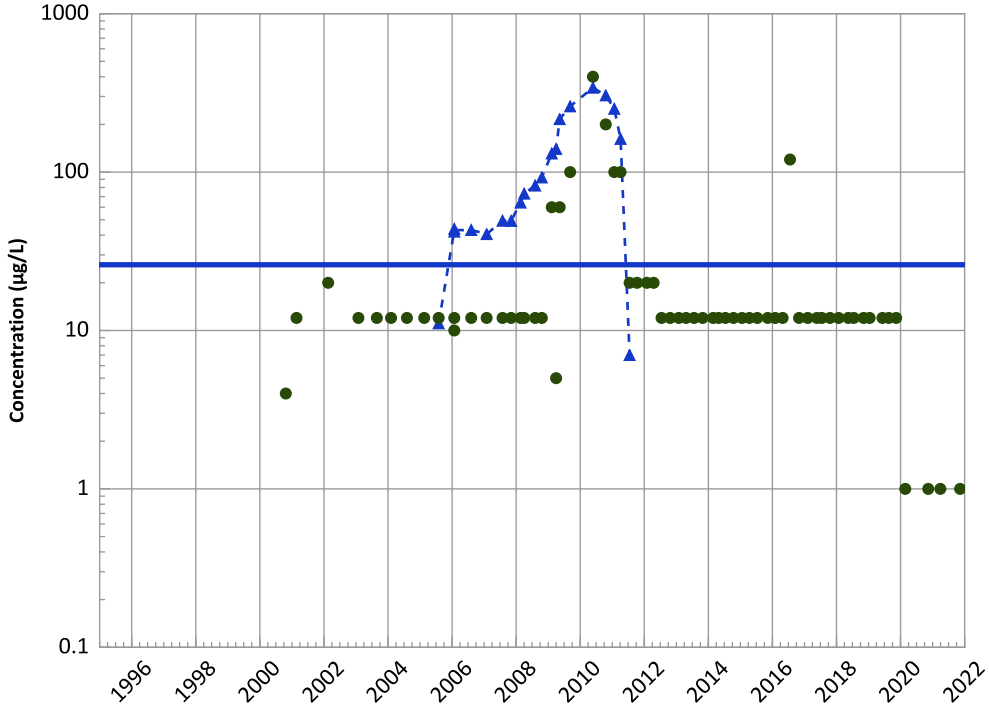
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

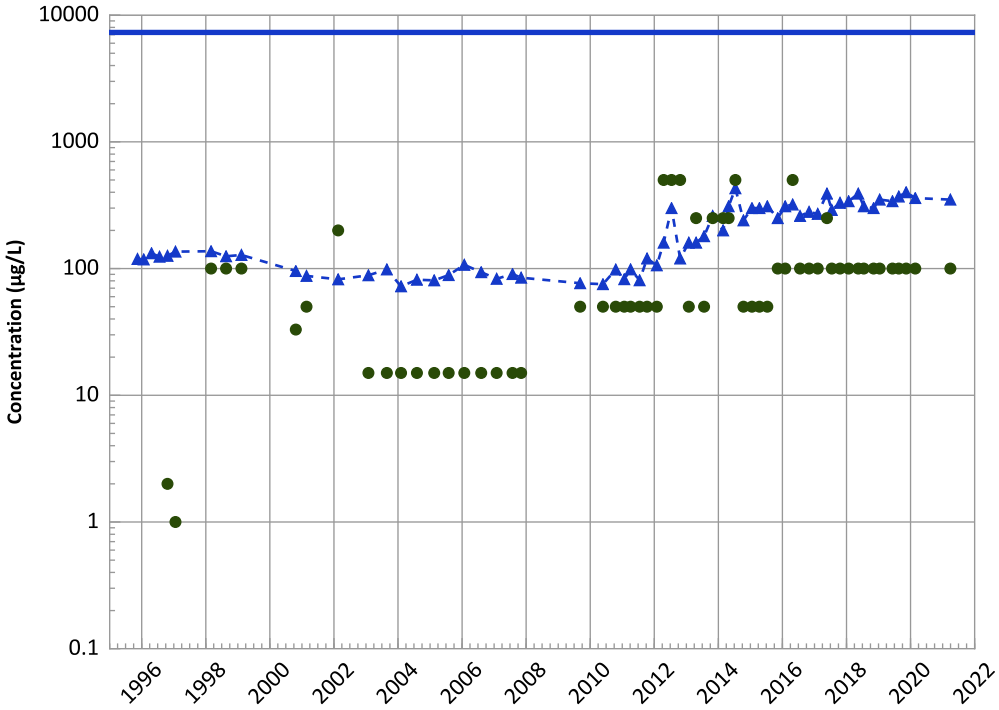


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Boron Trend



Concentration Trend

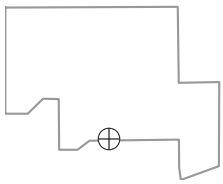
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

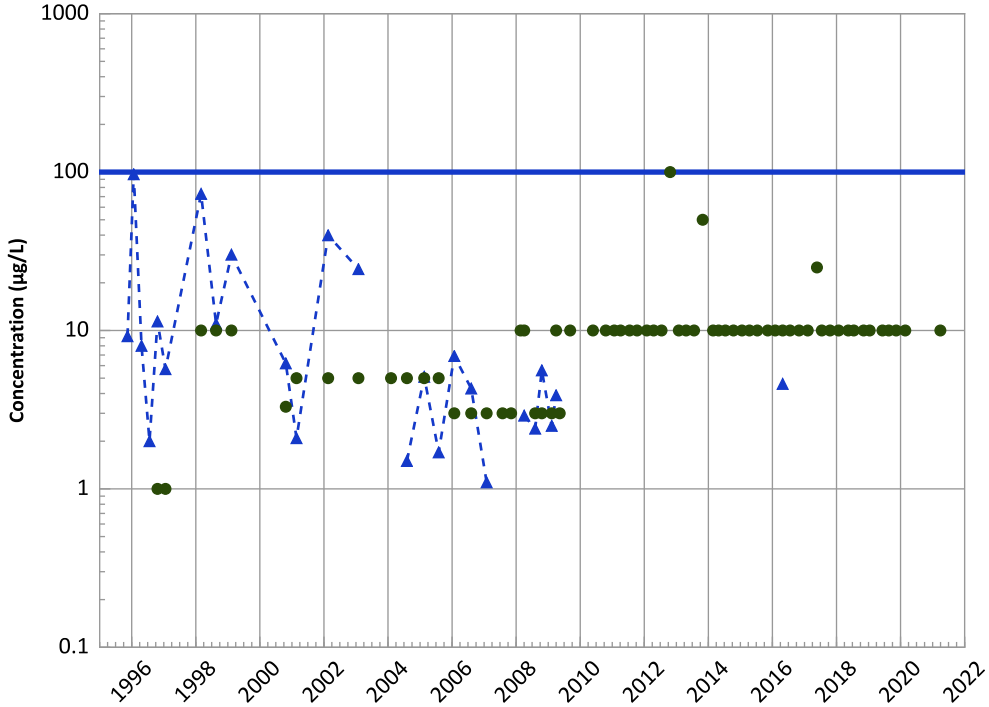
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

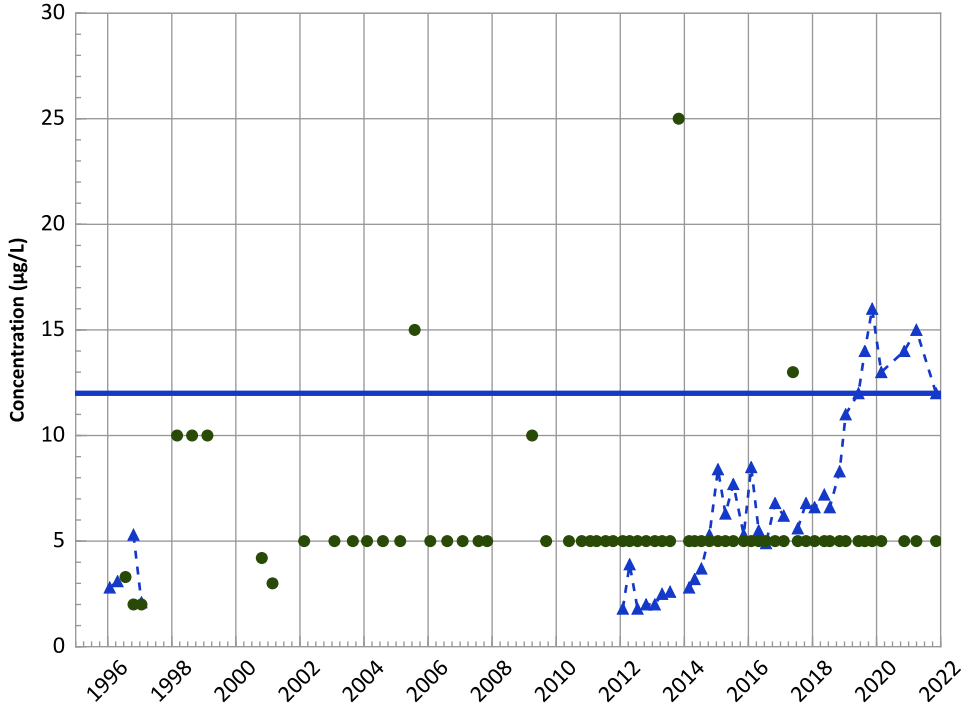


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

Arsenic Trend



Concentration Trend

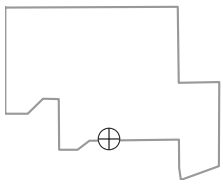
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

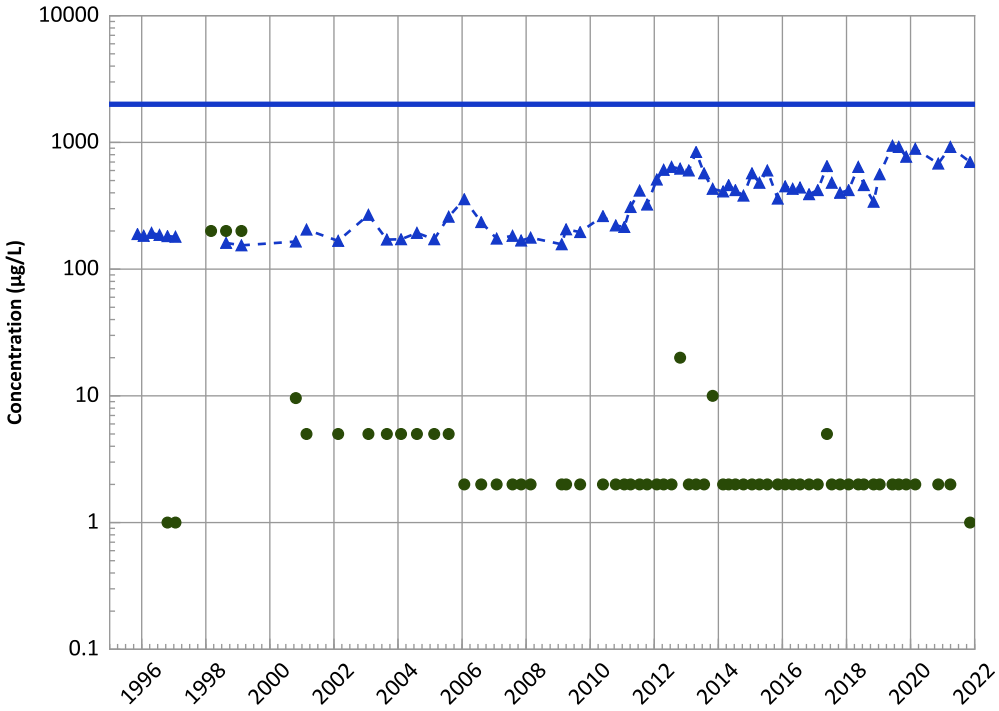
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

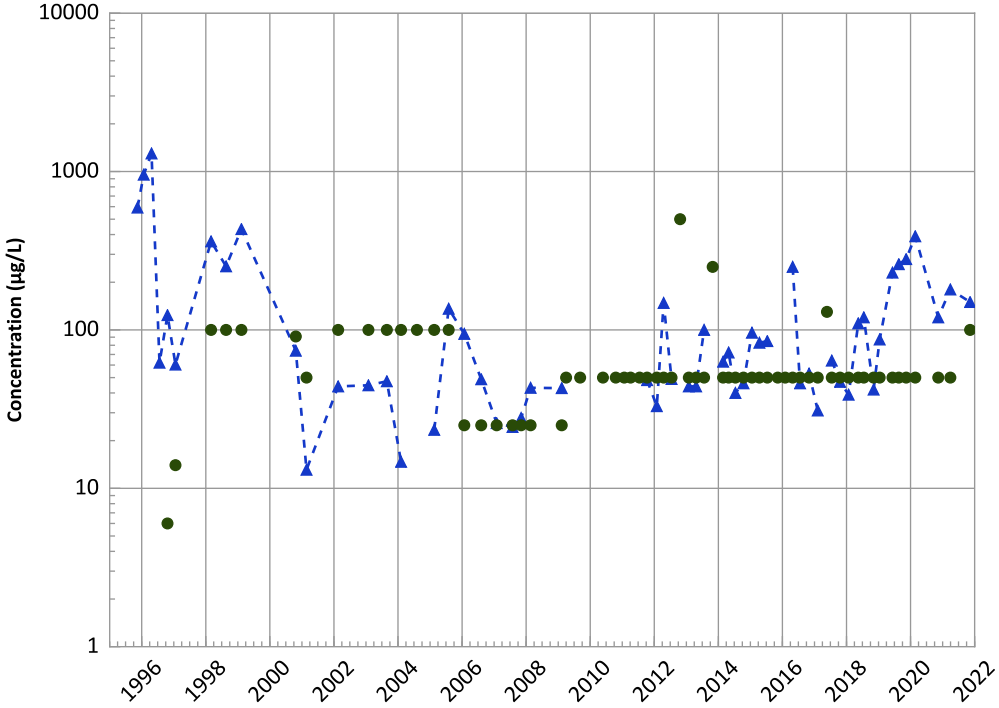


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

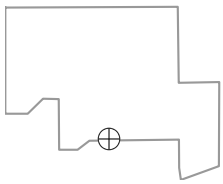
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

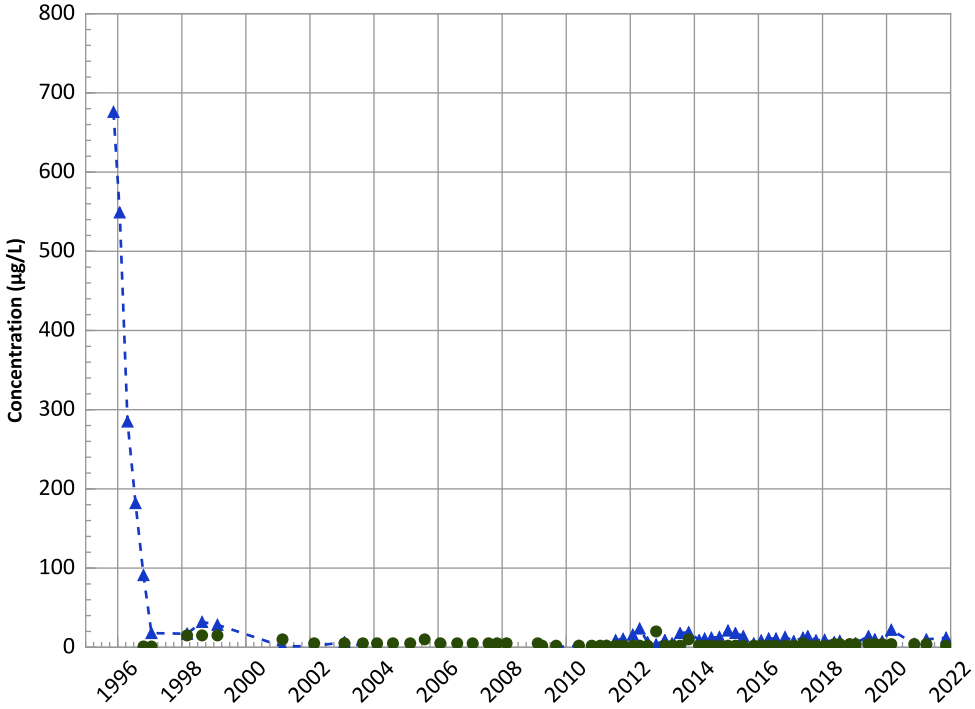
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

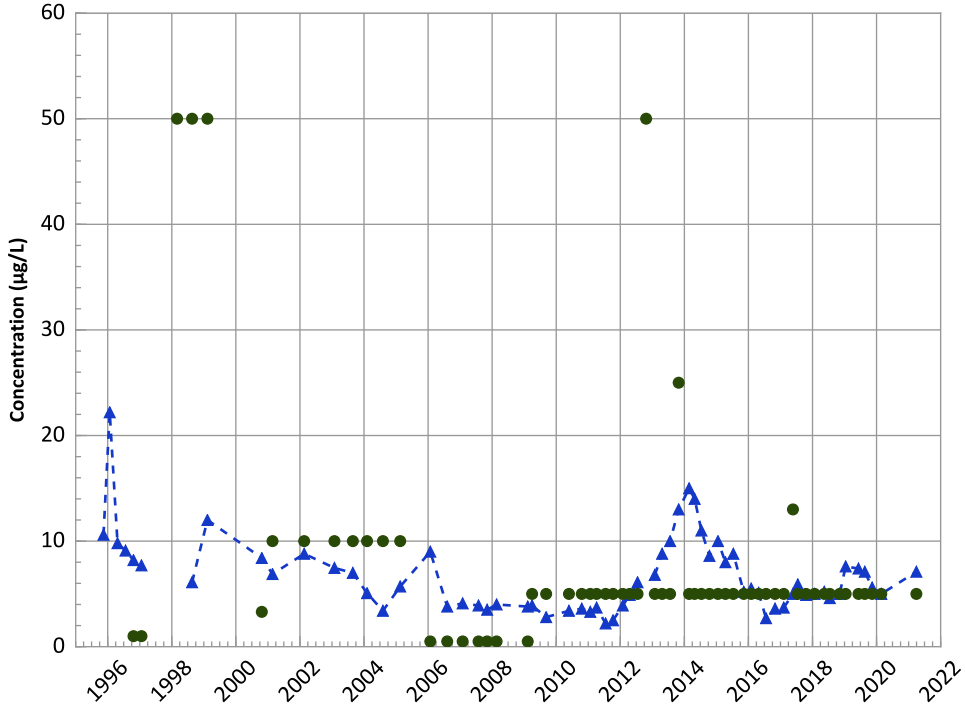


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

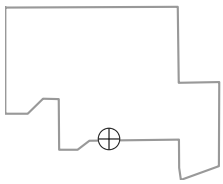
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

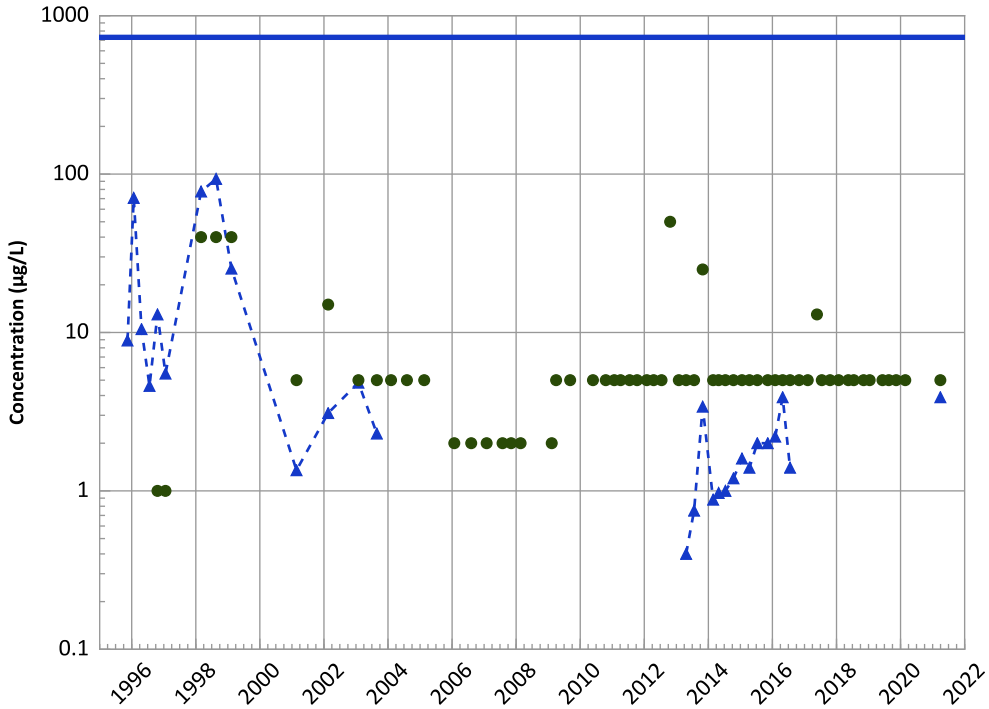
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

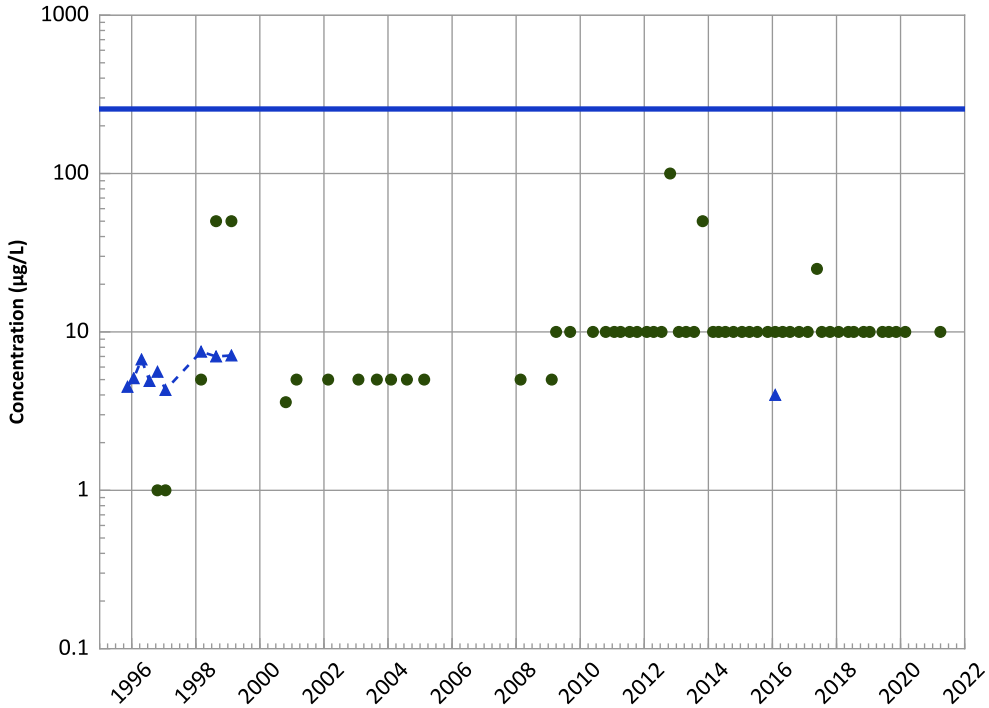


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

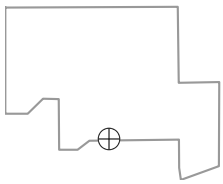
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

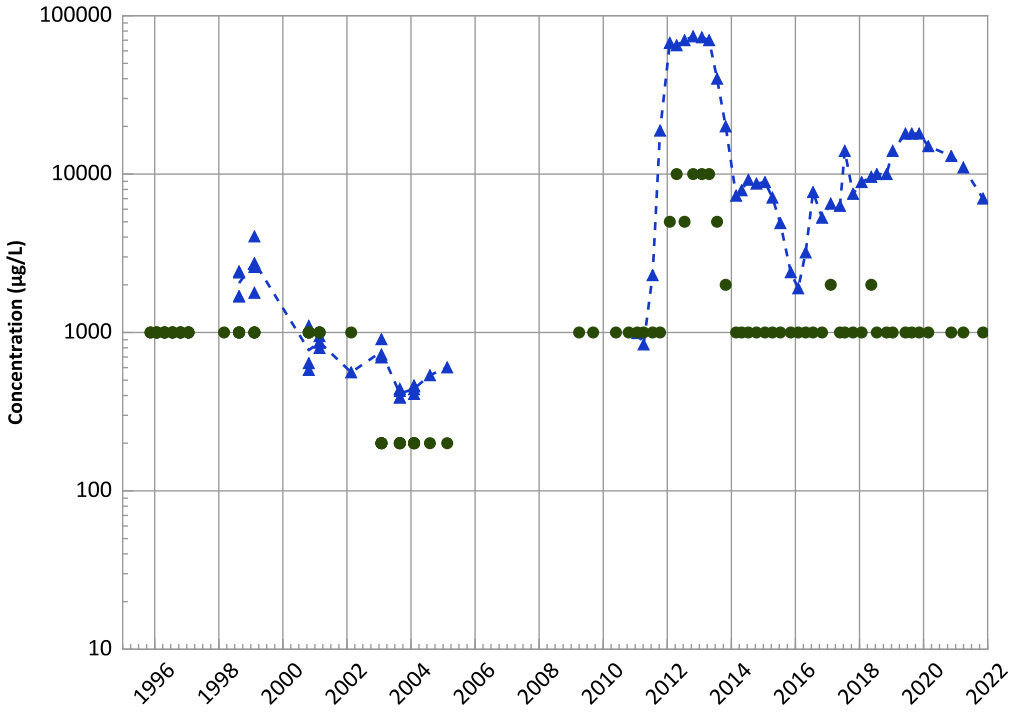
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1012 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

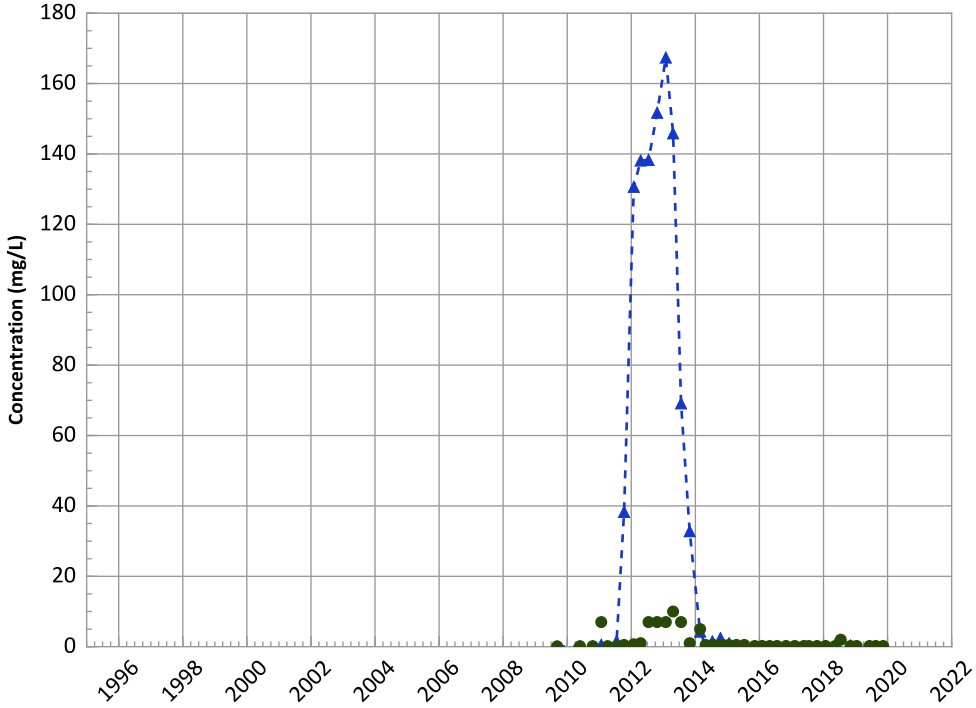


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Total Volatile Fatty Acids Trend



Concentration Trend

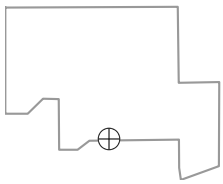
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

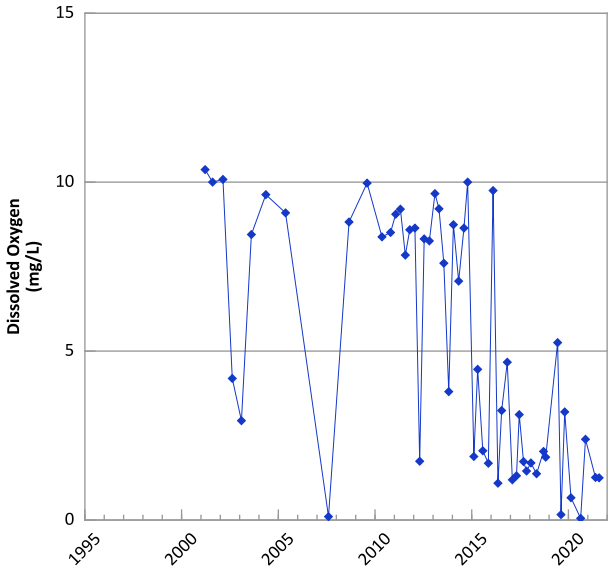
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/14/1995 to 11/10/2021
Analysis Date: 05/02/2022

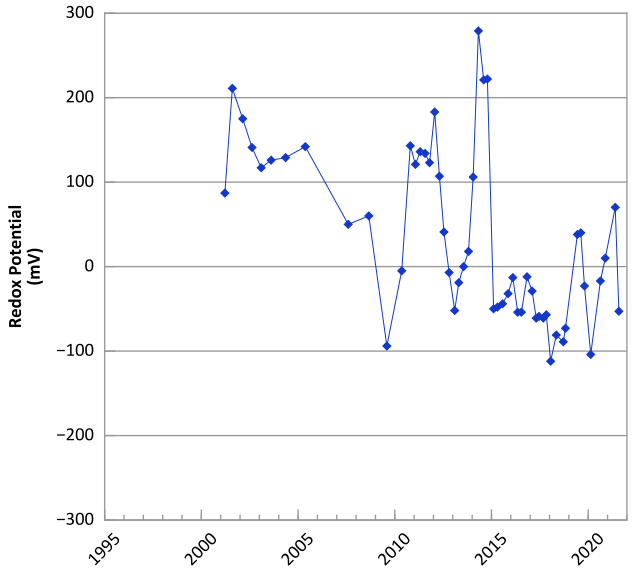
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

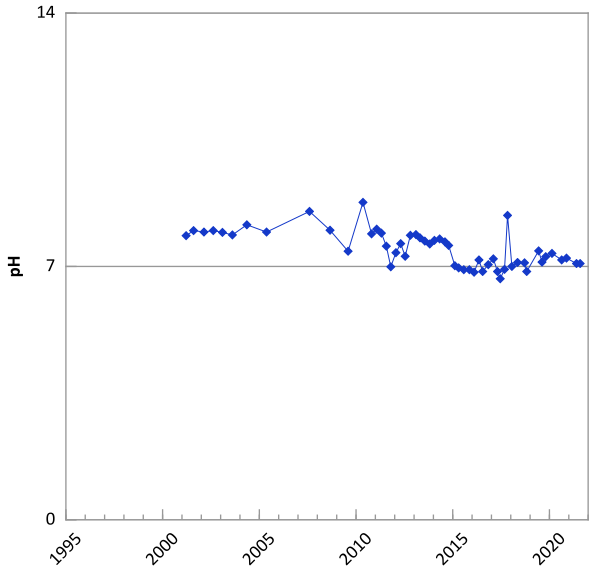
Well Location

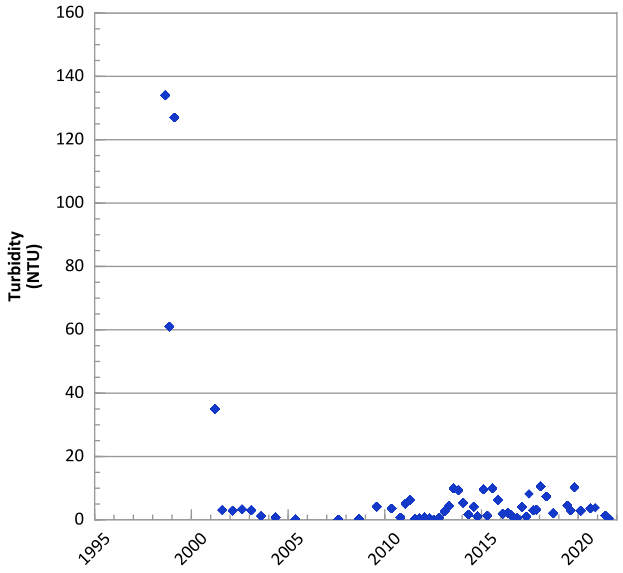


PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



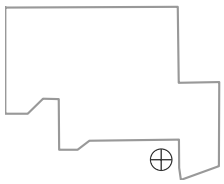






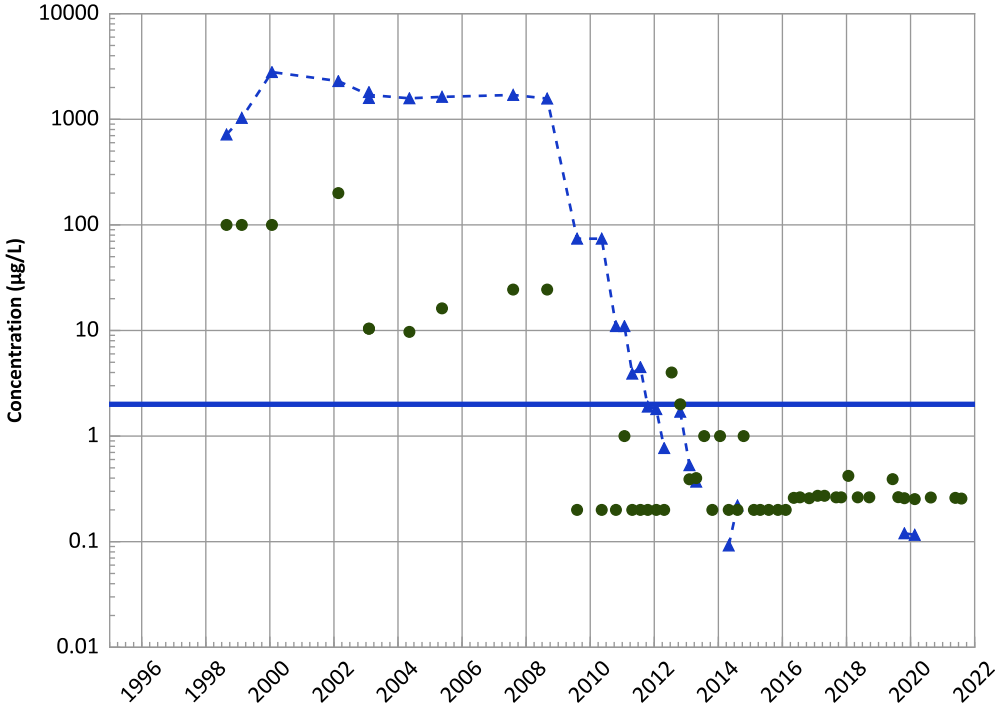
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

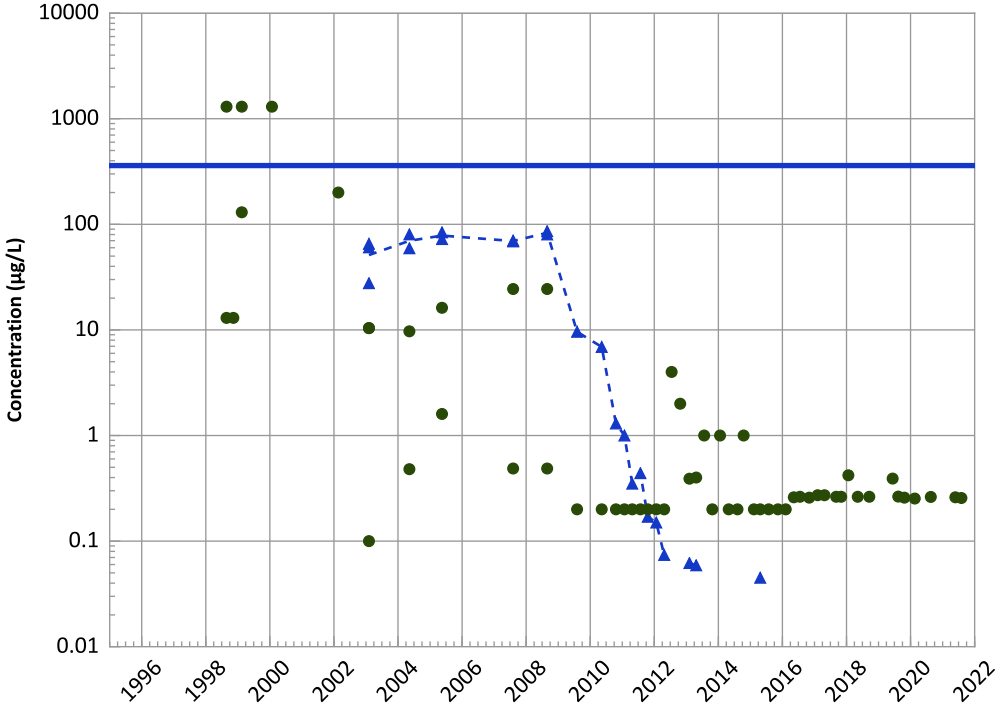


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

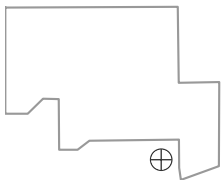
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

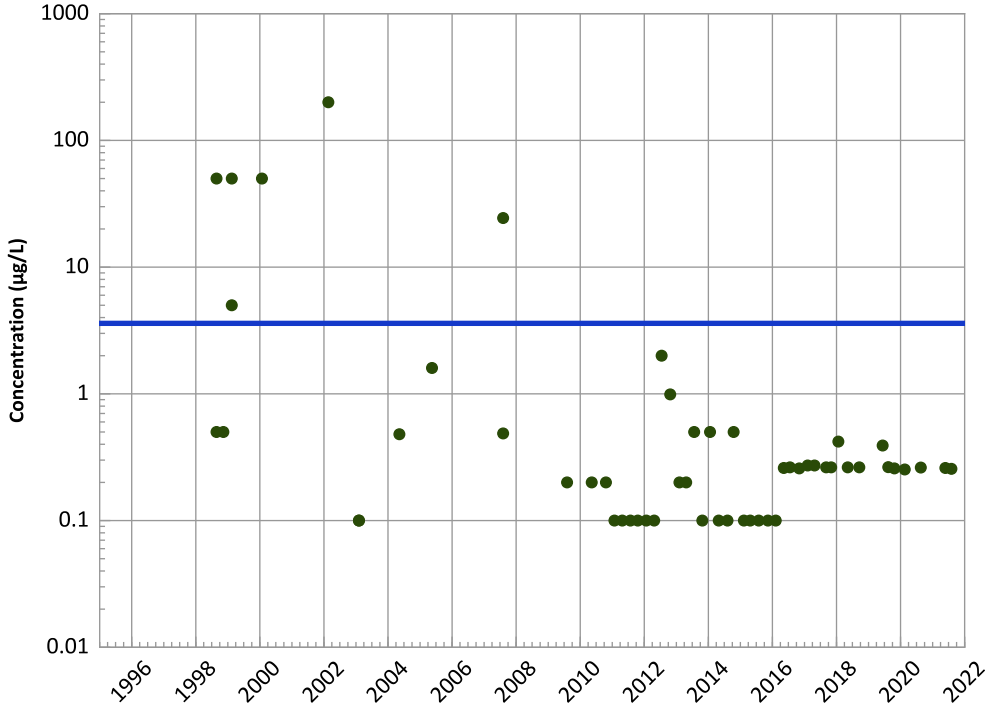
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

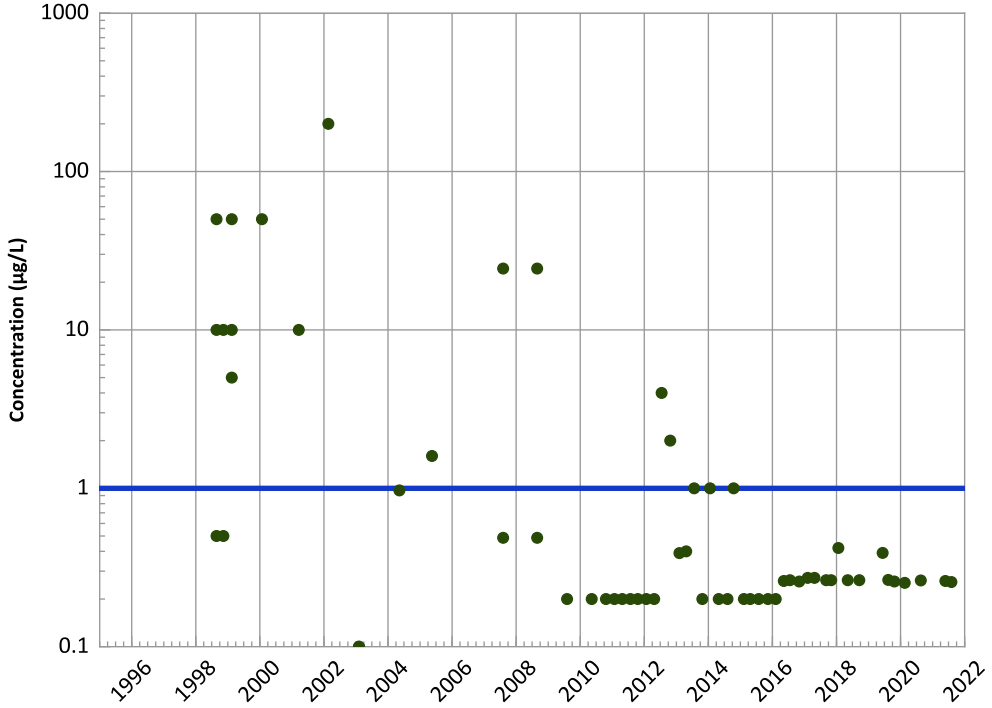


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

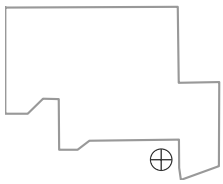
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

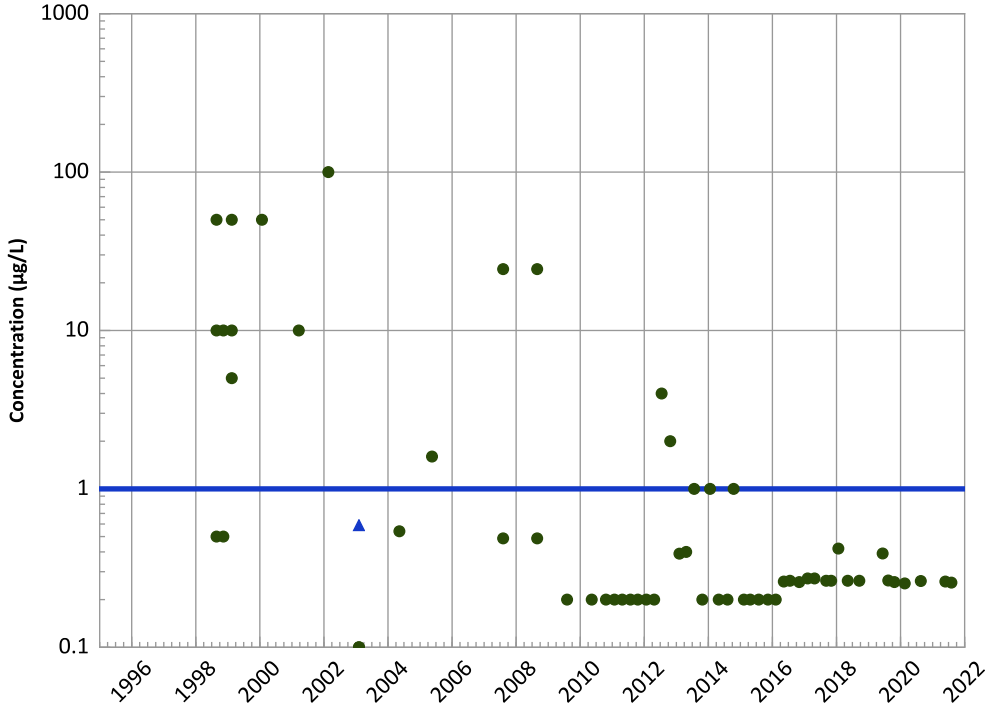
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

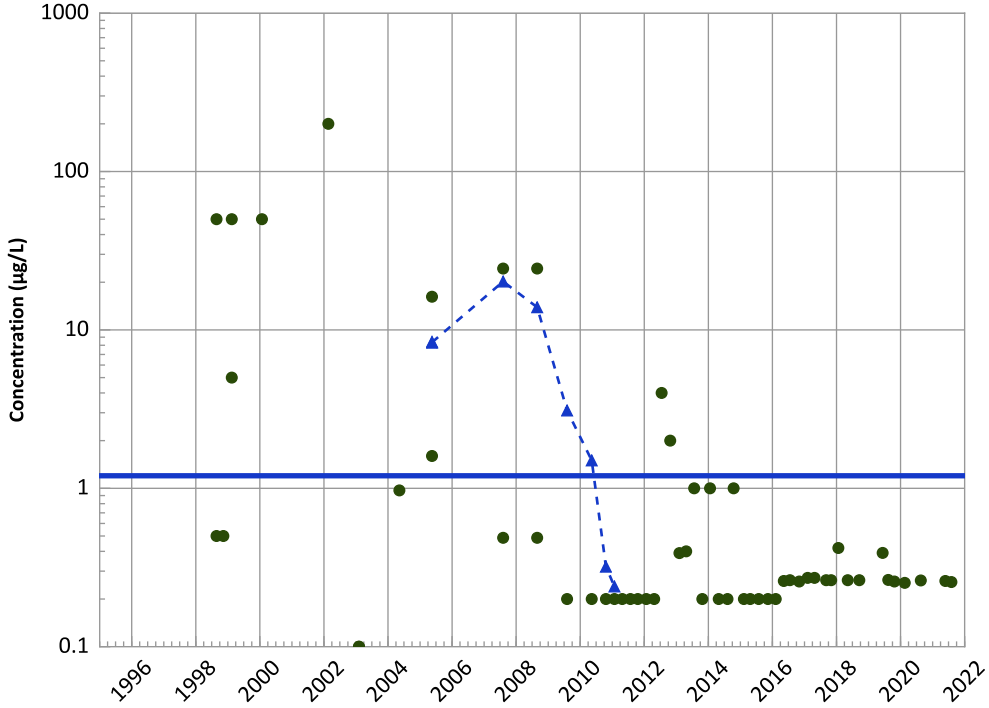


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

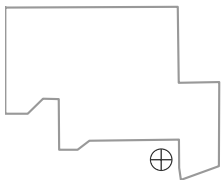
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

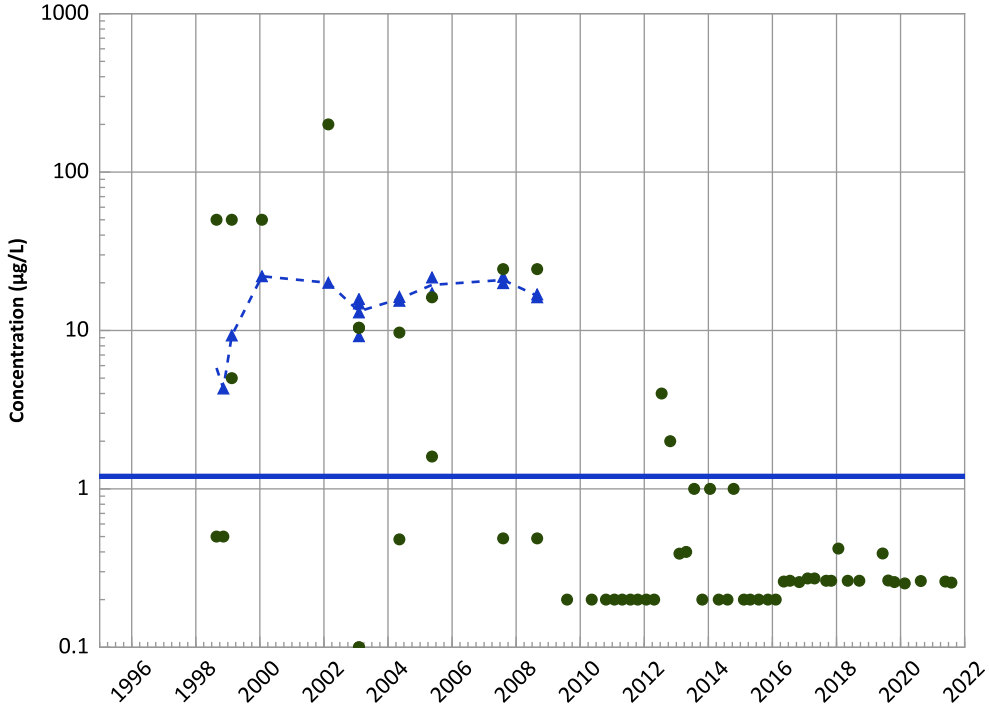
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

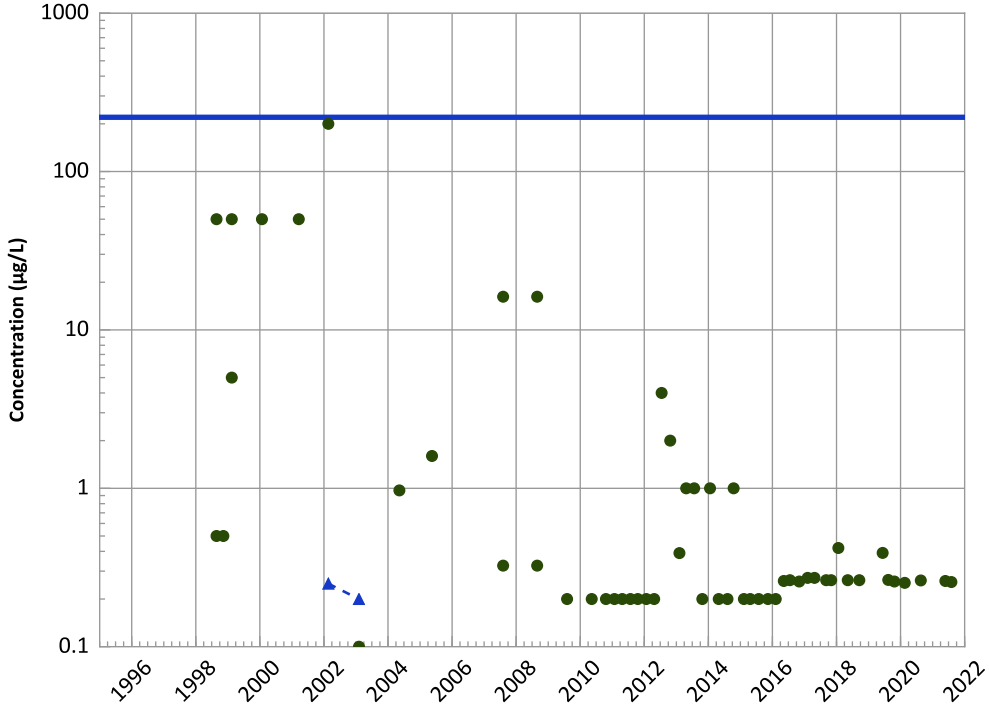


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

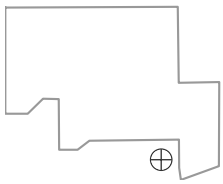
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

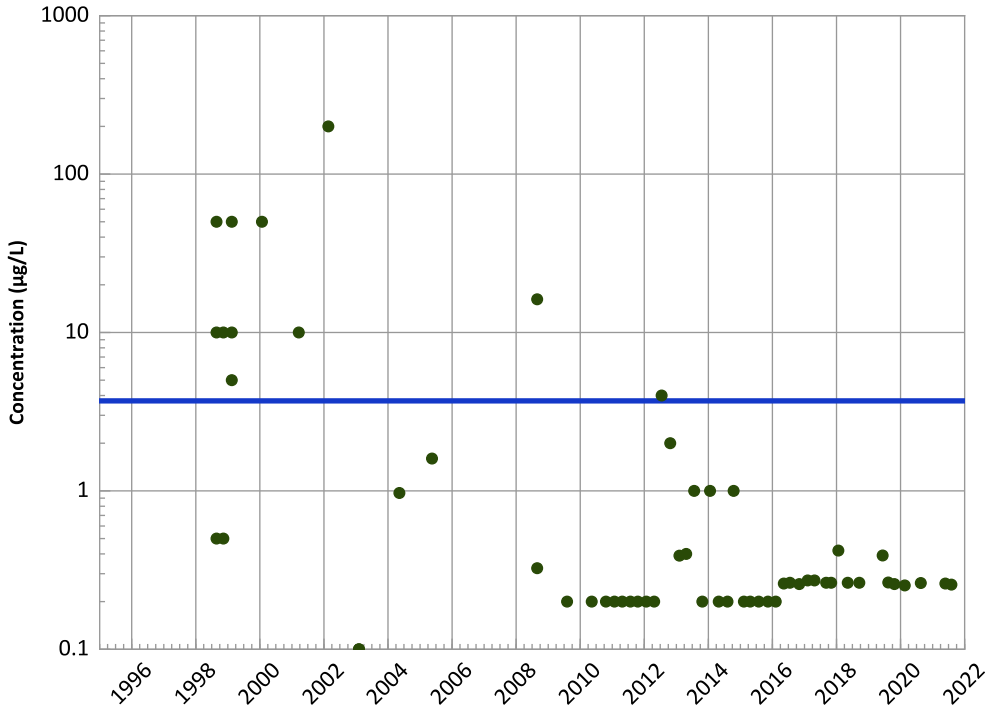
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

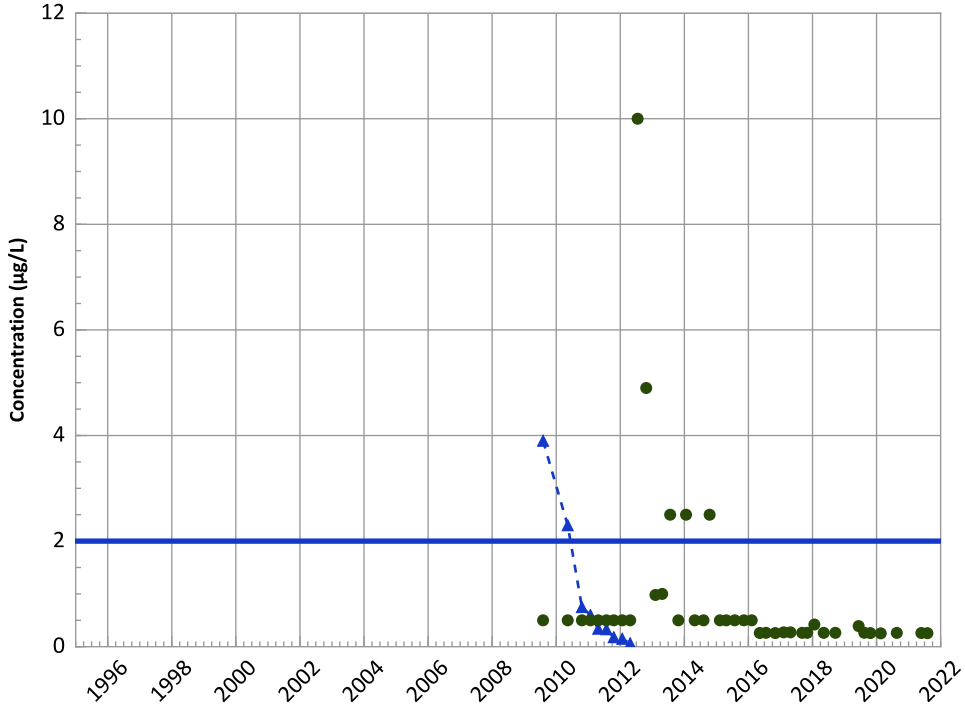


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

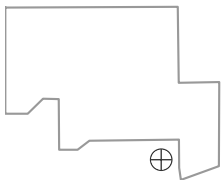
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

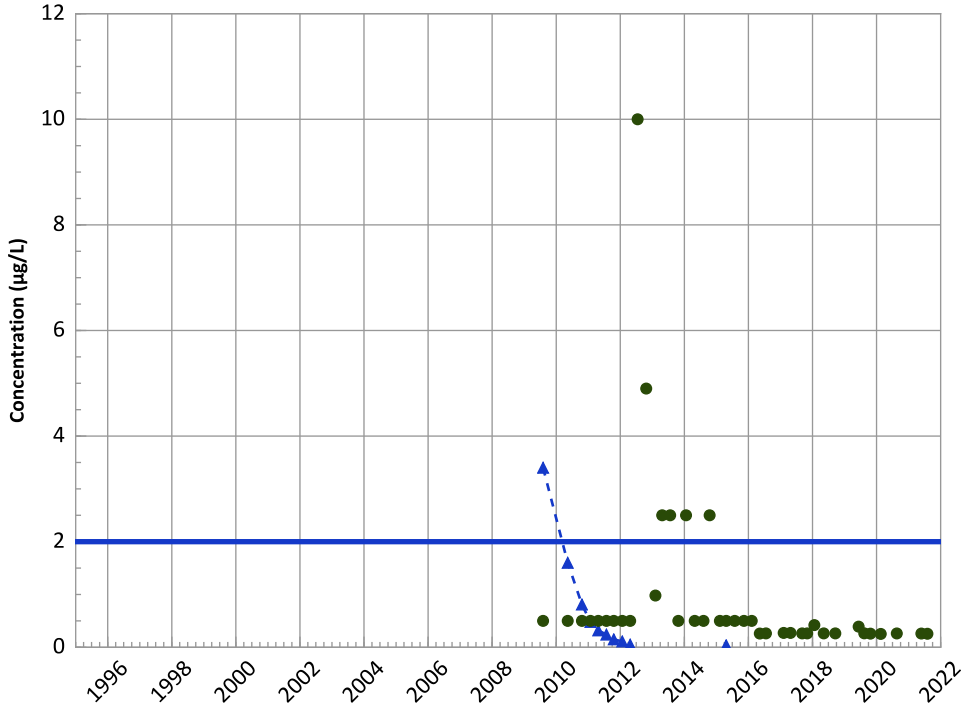
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

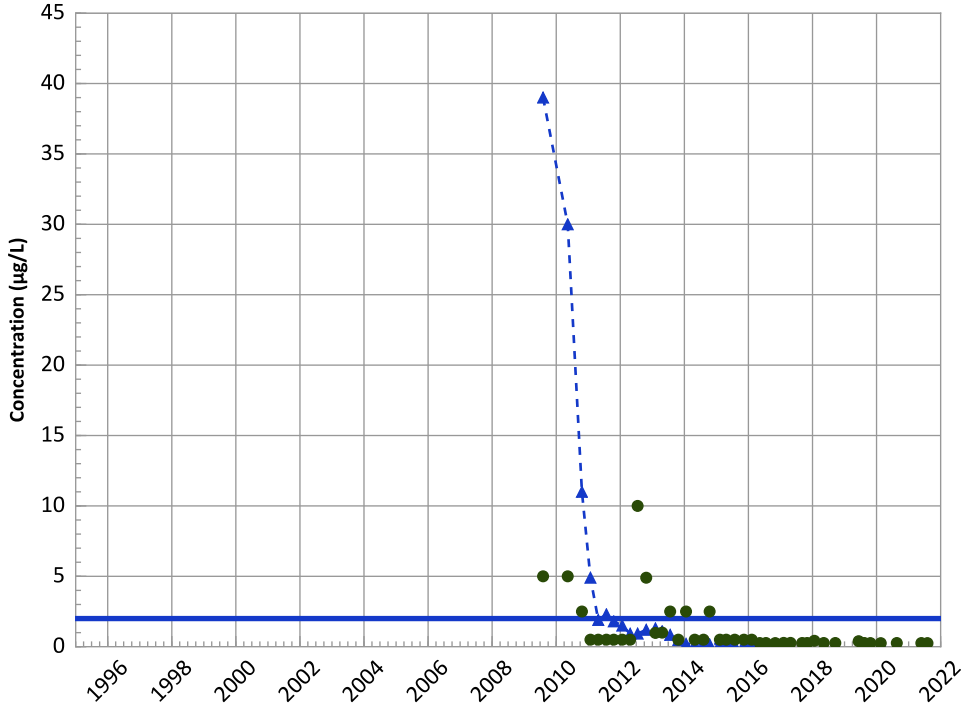


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

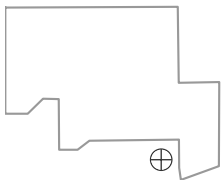
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

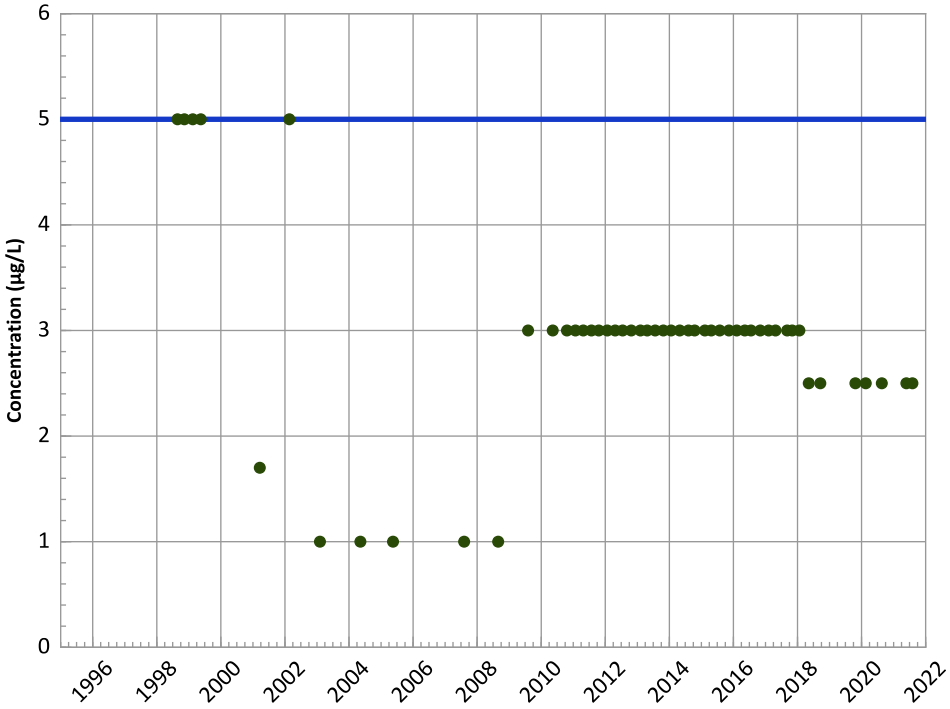
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

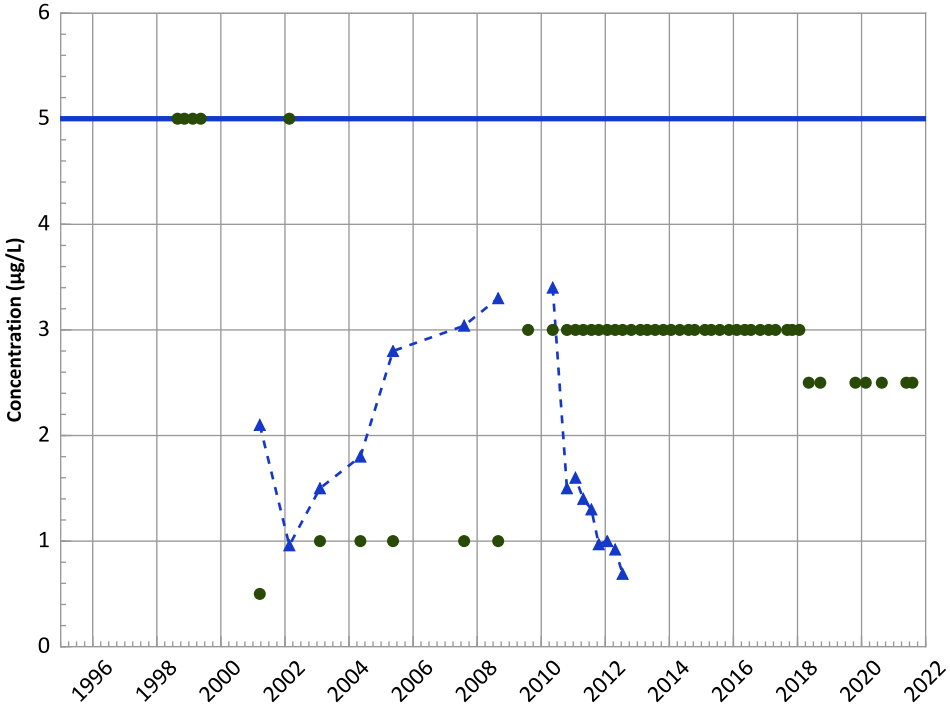


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

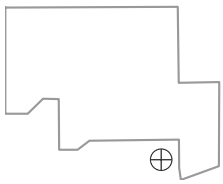
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

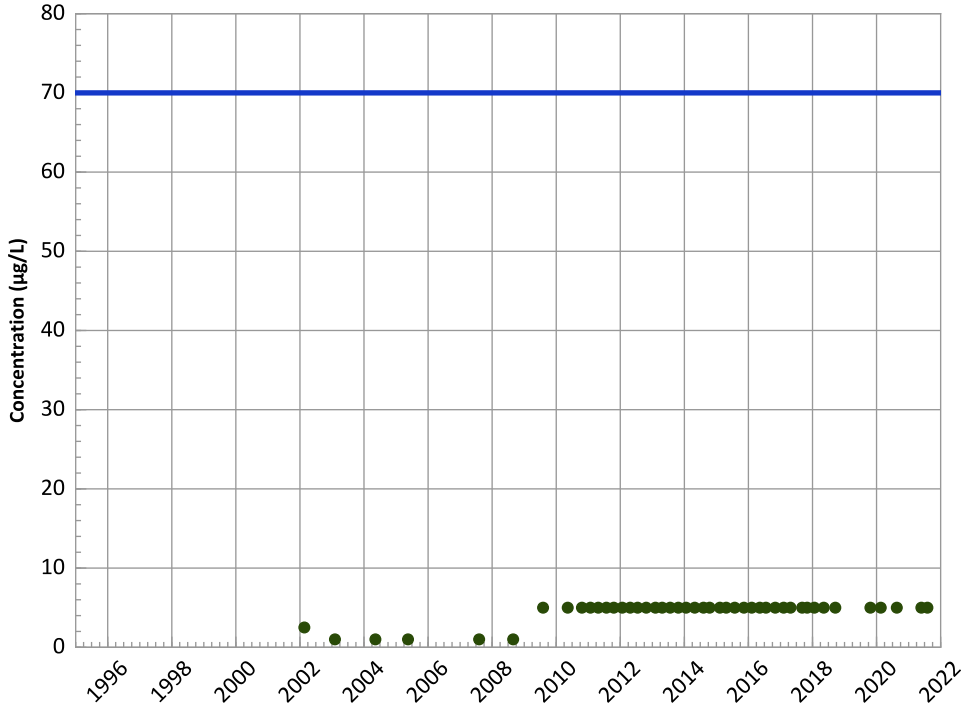
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

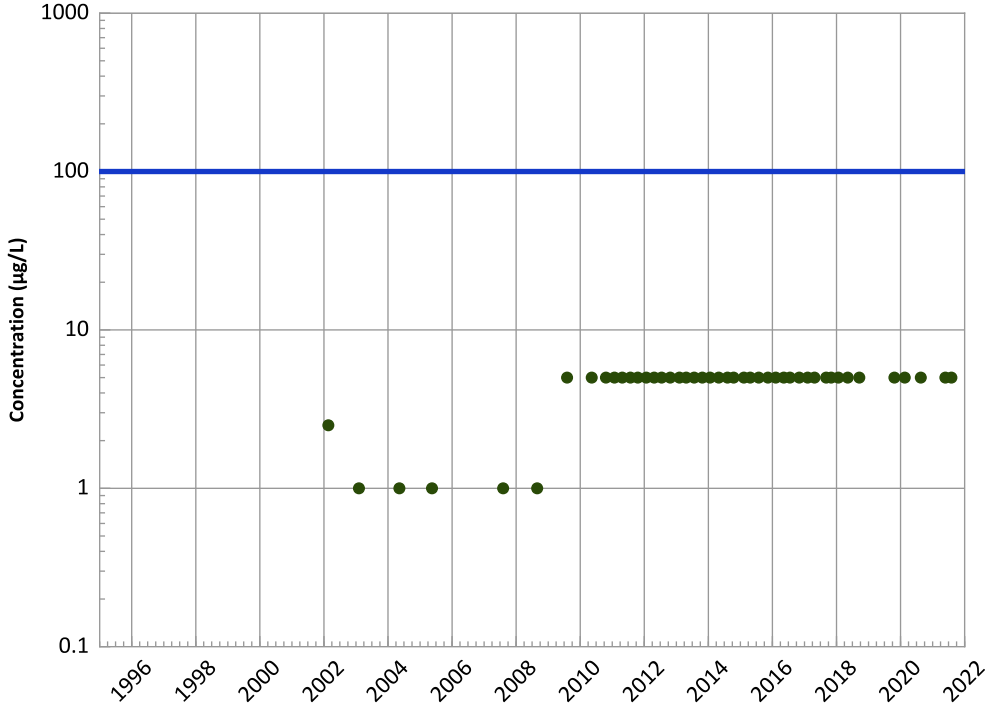


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

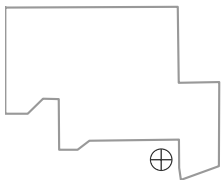
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

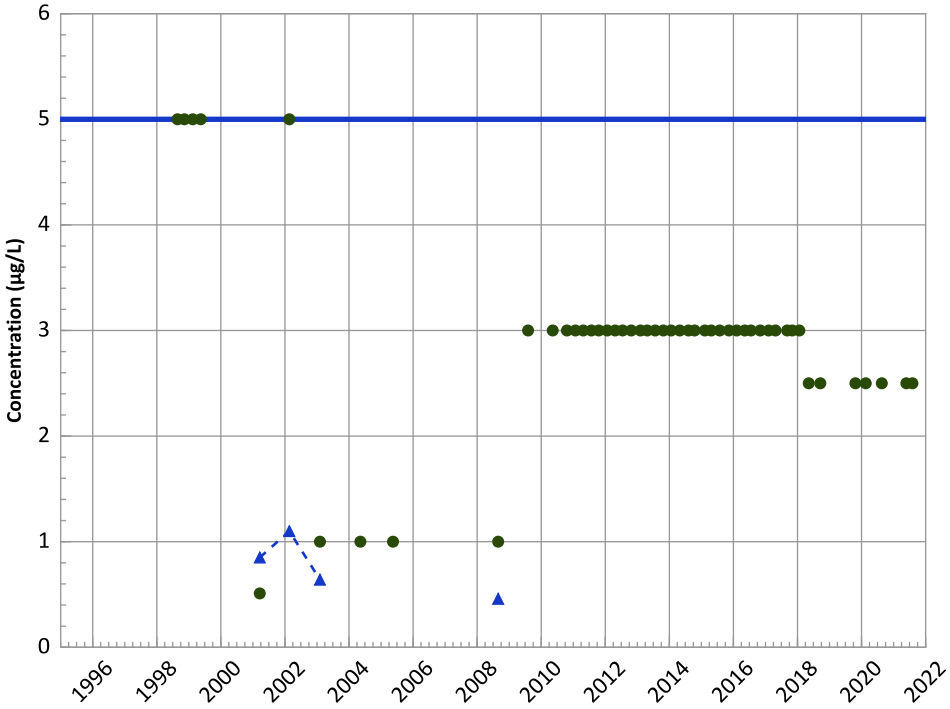
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

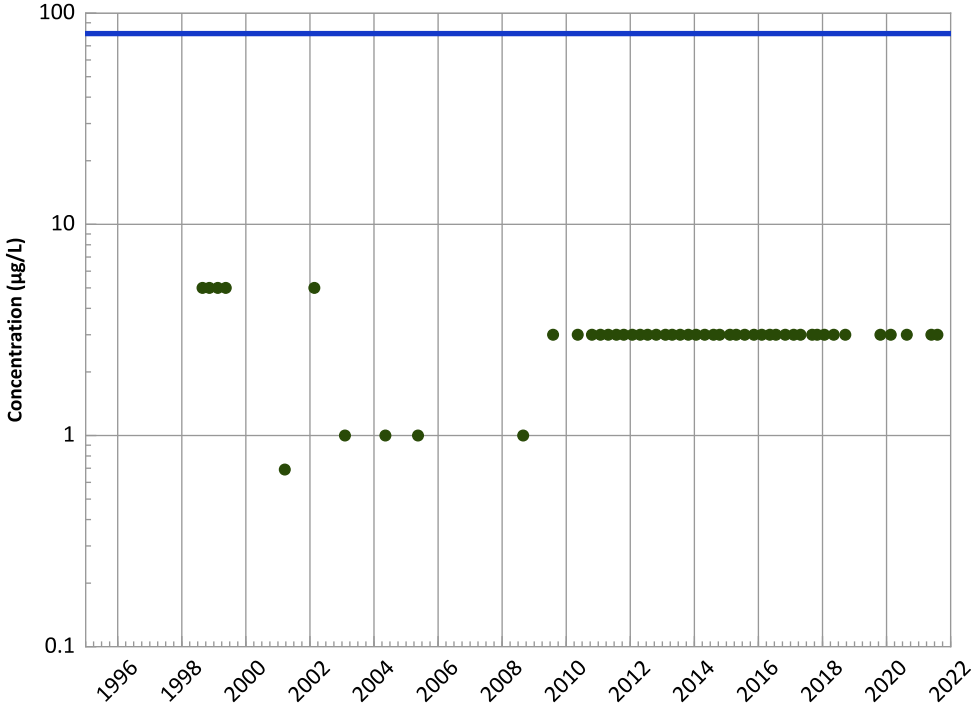


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chloroform Trend



Concentration Trend

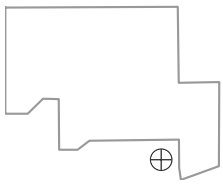
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

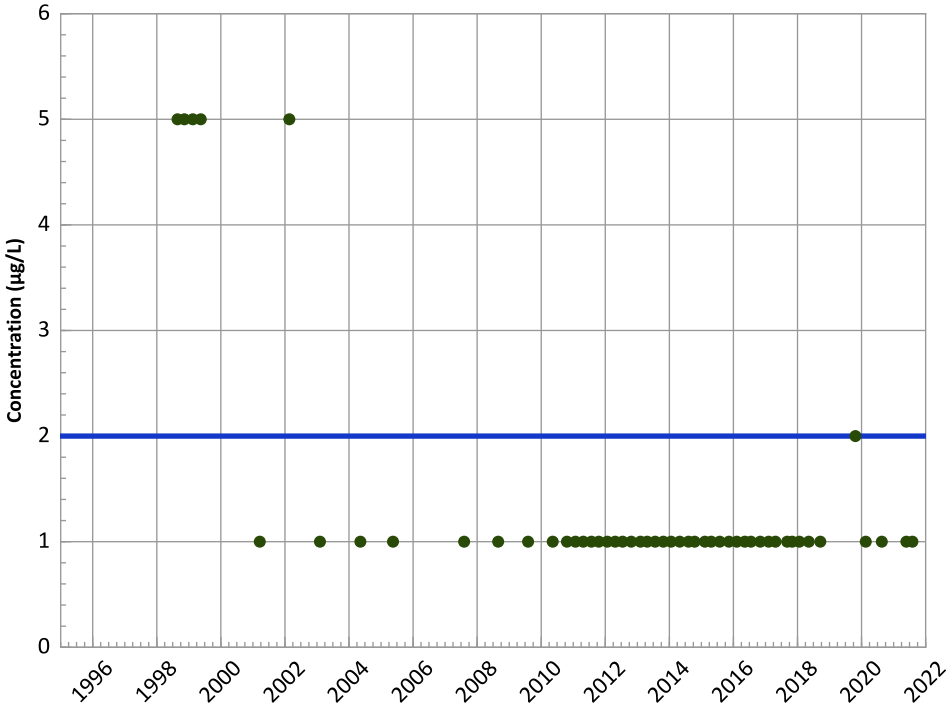
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

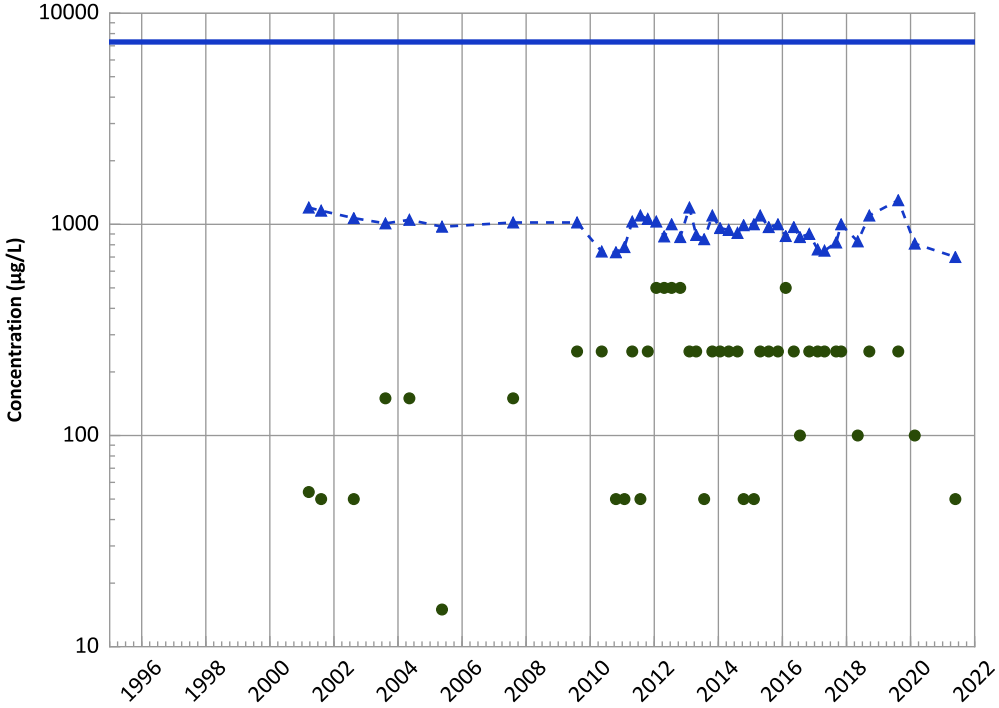


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

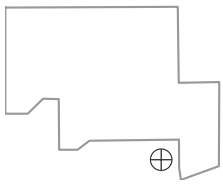
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

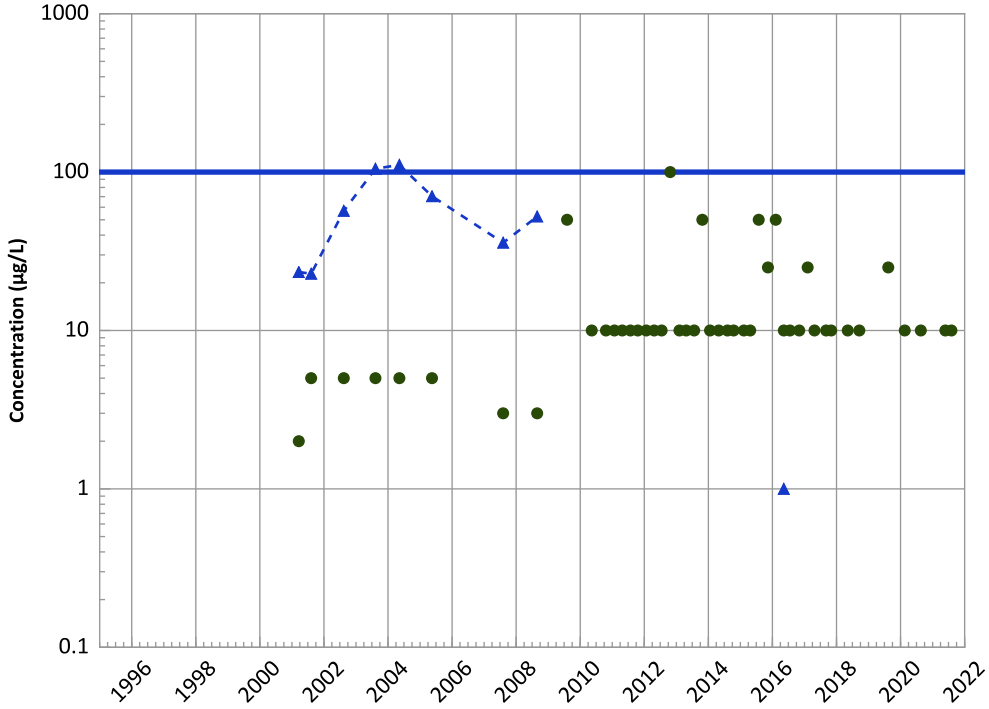
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

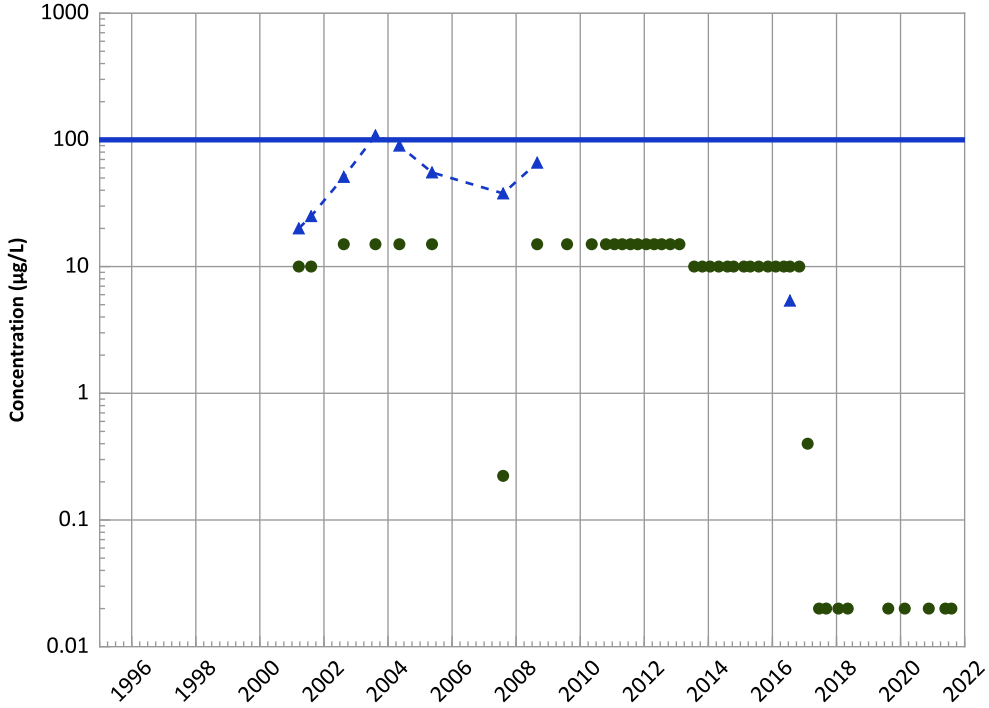


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

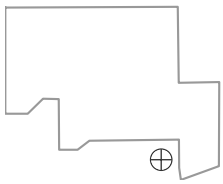
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

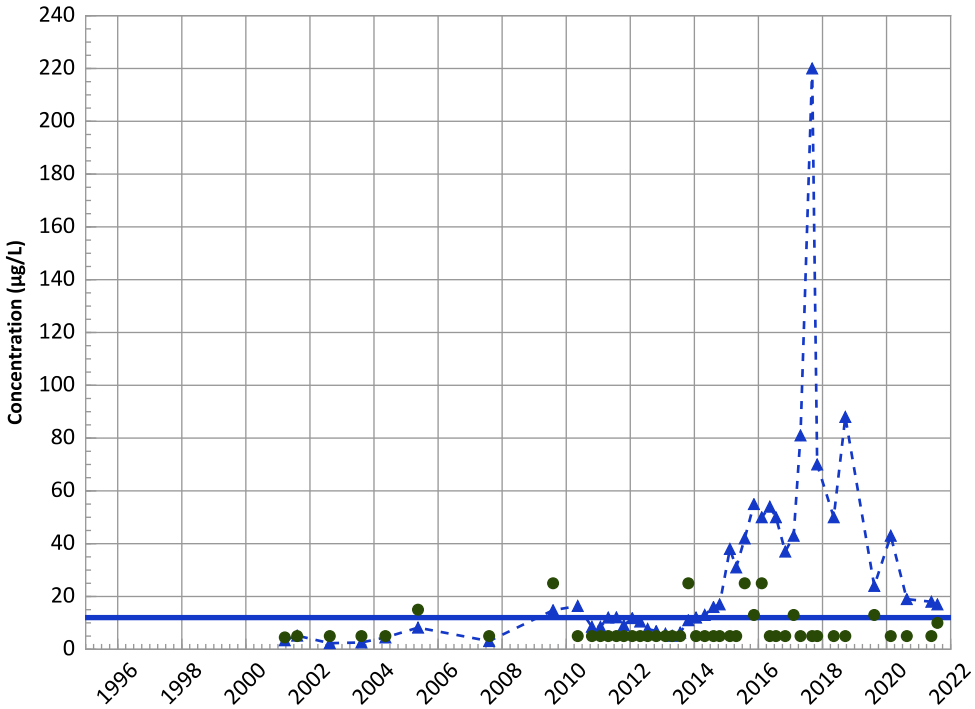
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

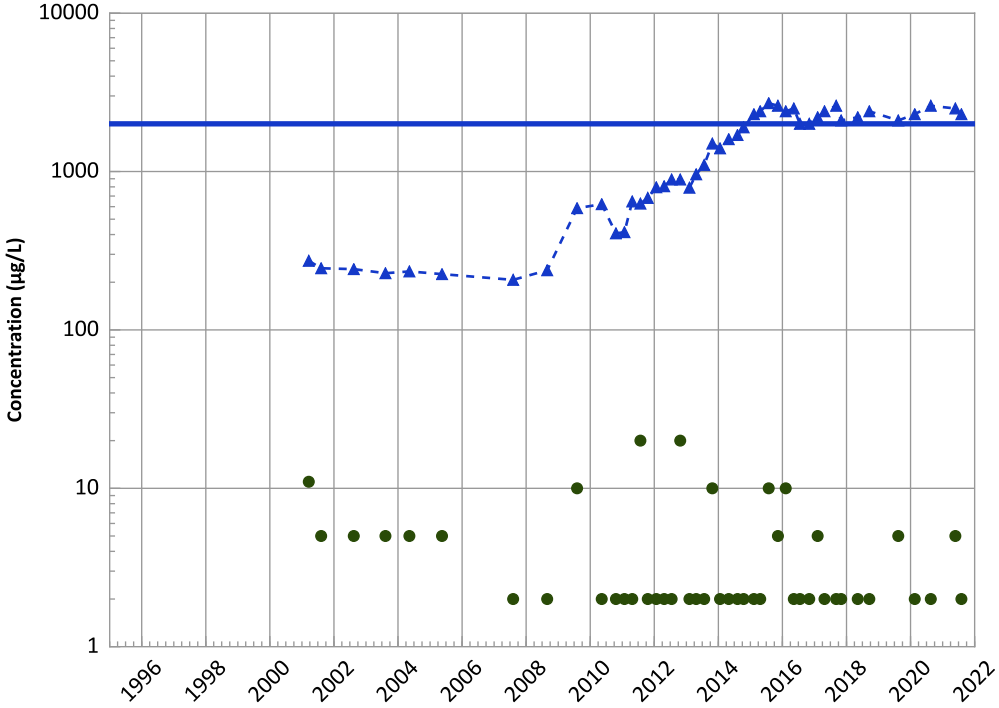


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

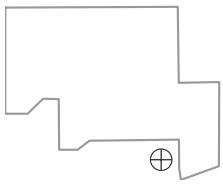
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

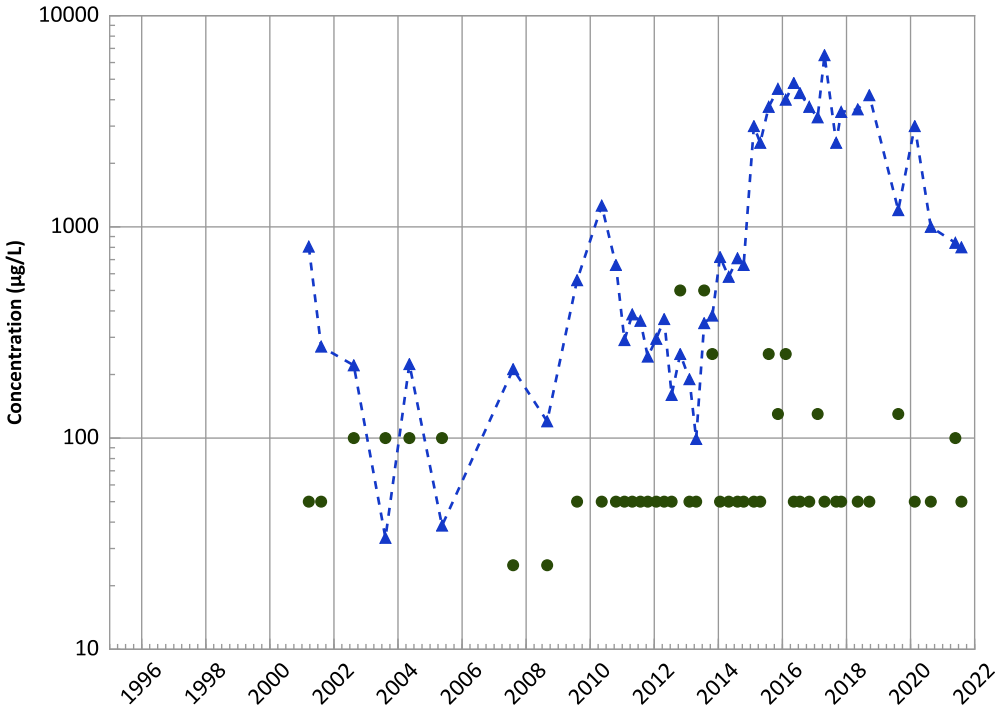
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

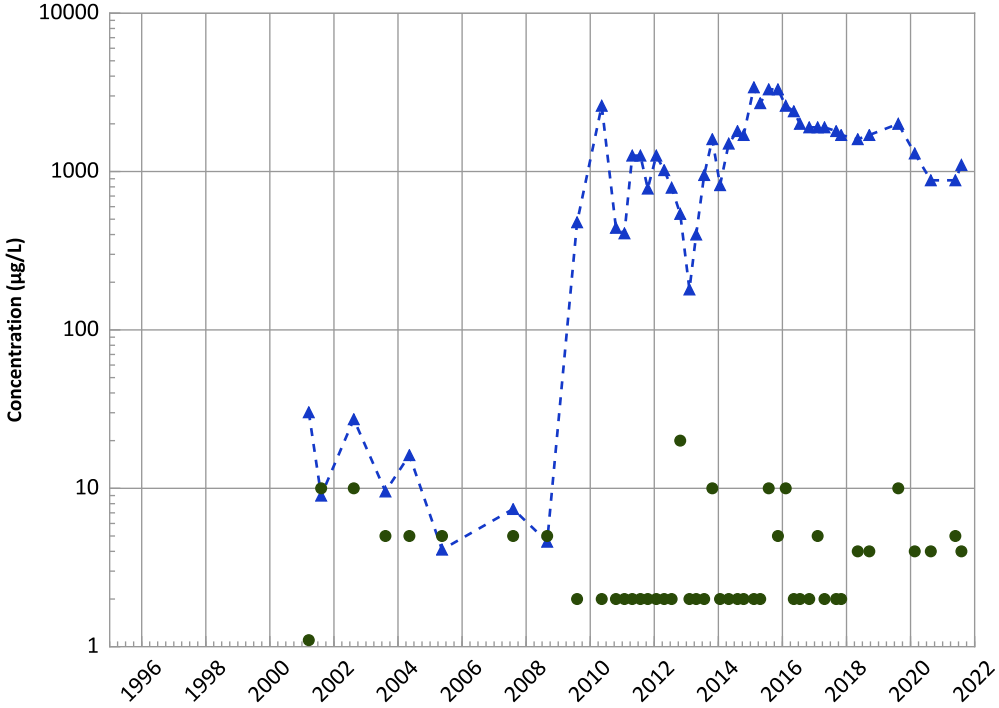


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

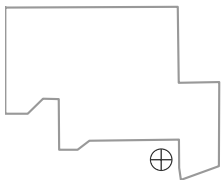
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

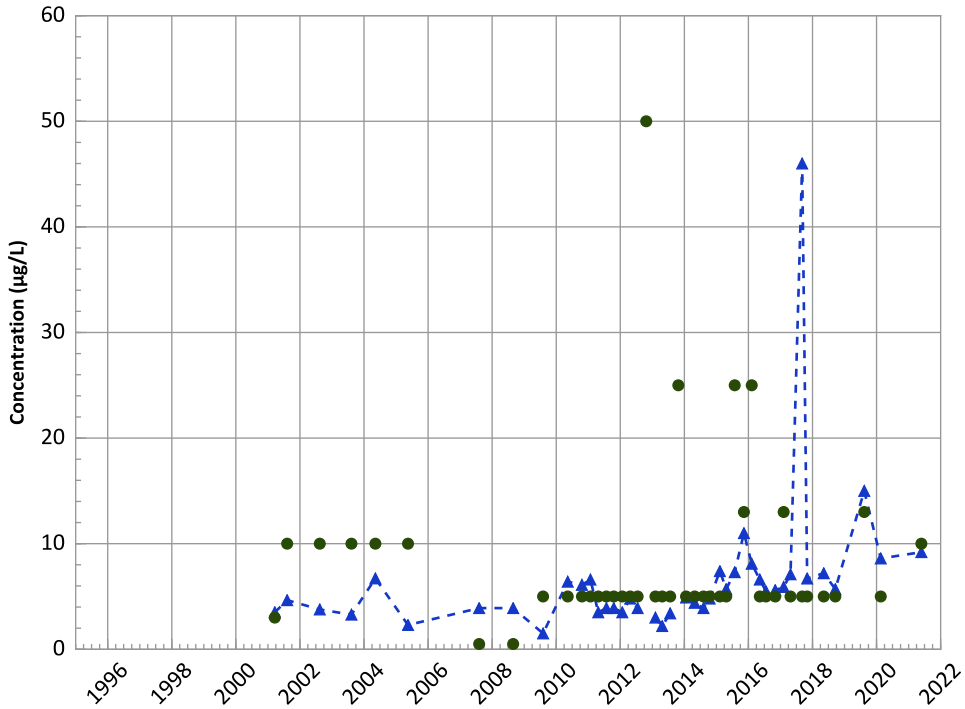
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

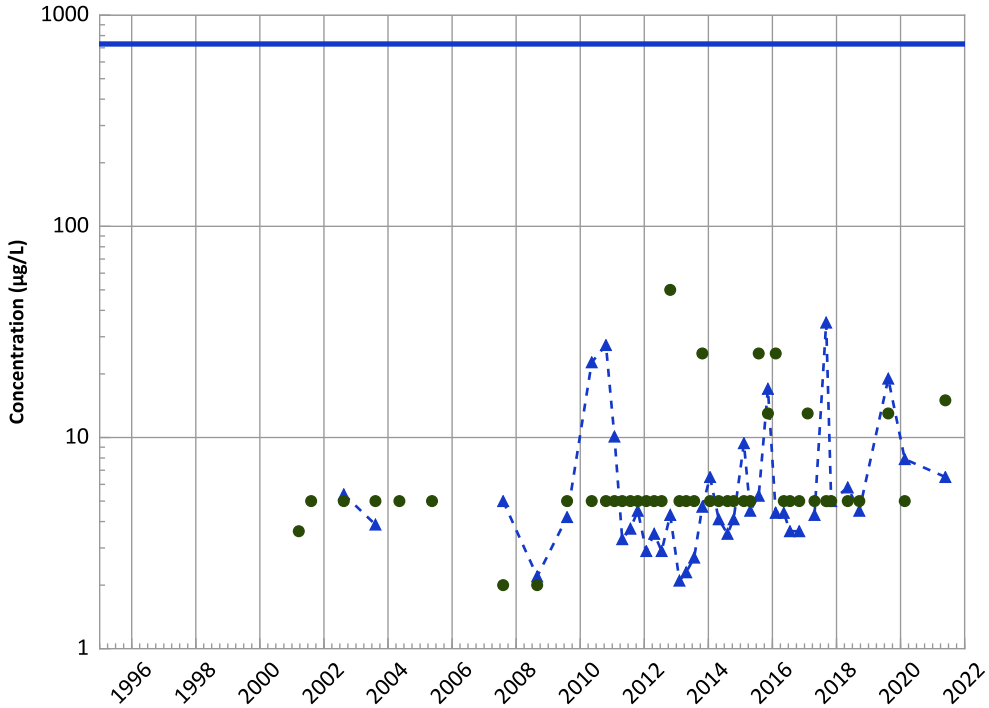


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Nickel Trend



Concentration Trend

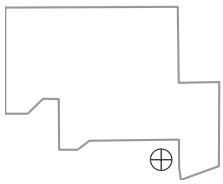
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

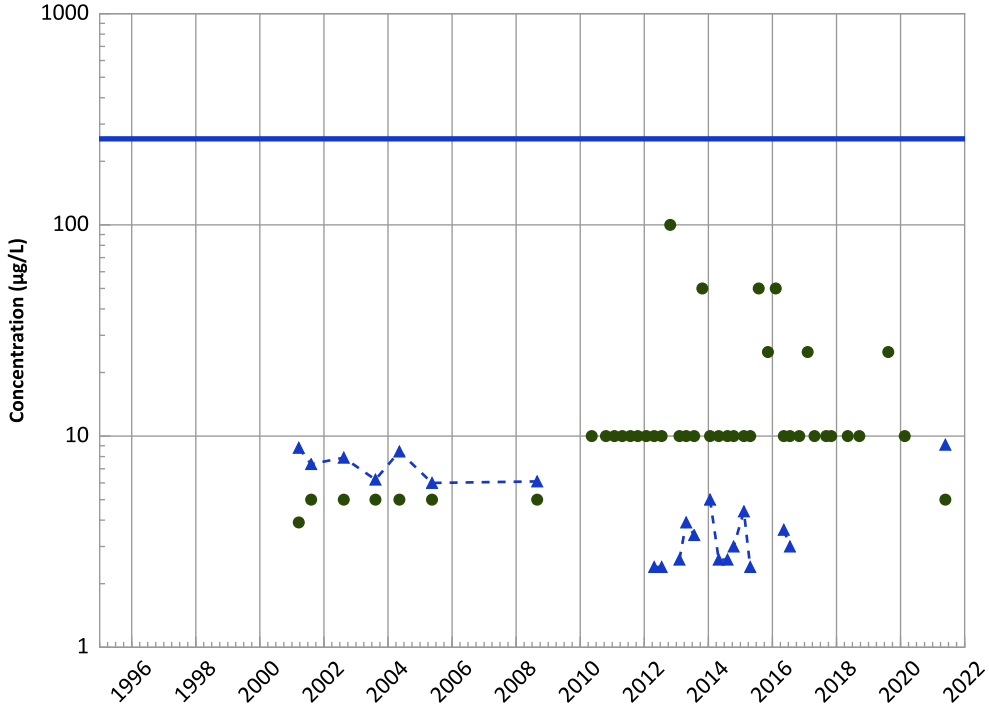
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

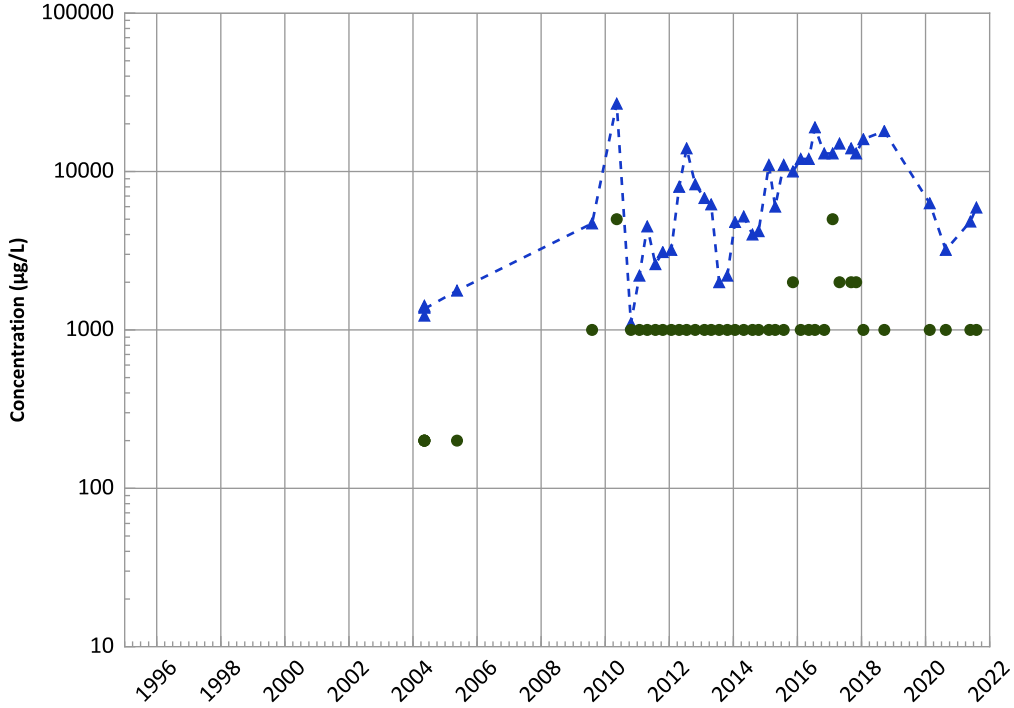


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

Total Organic Carbon Trend



Concentration Trend

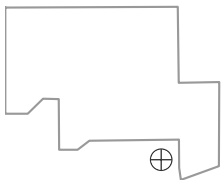
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

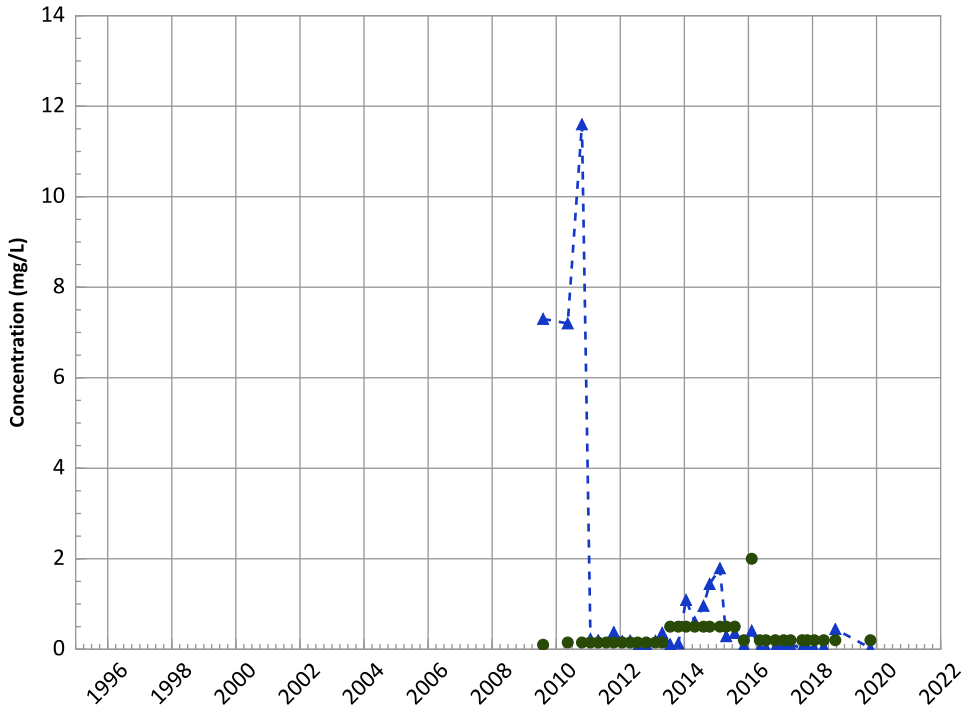
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1037 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

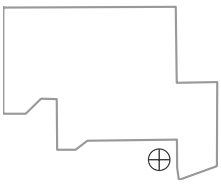
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

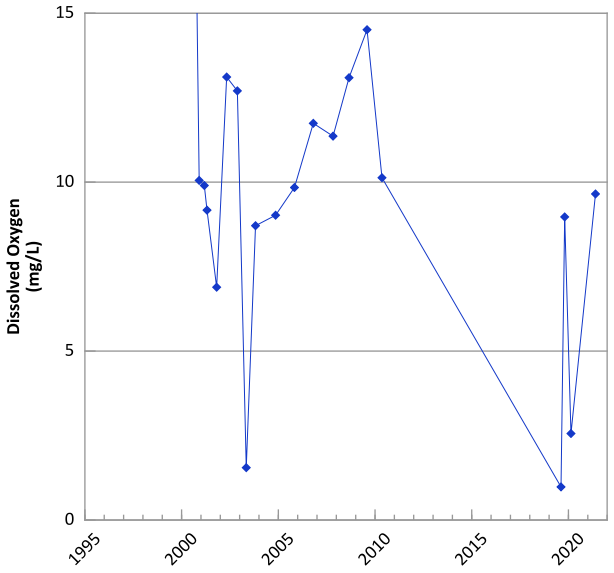
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/25/1998 to 08/03/2021
Analysis Date: 05/02/2022

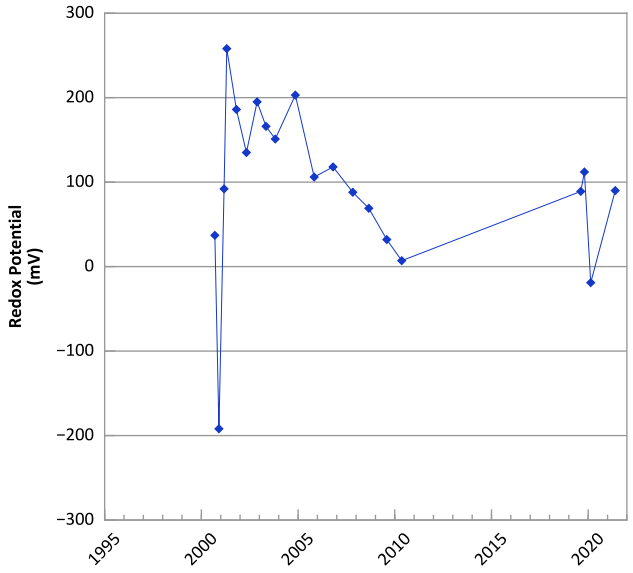
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

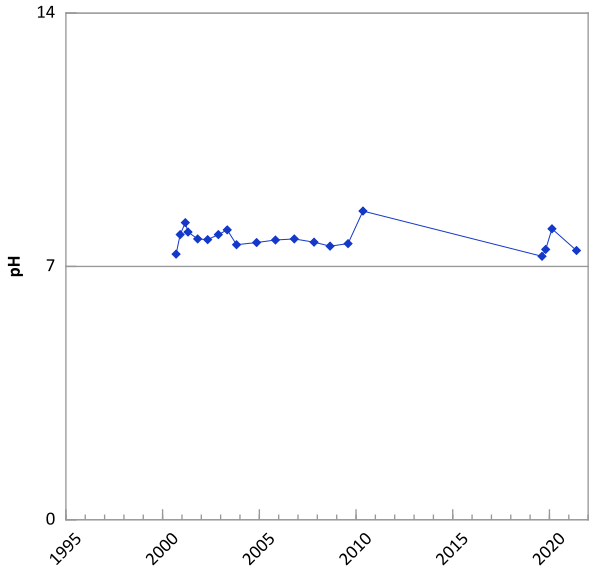
Well Location

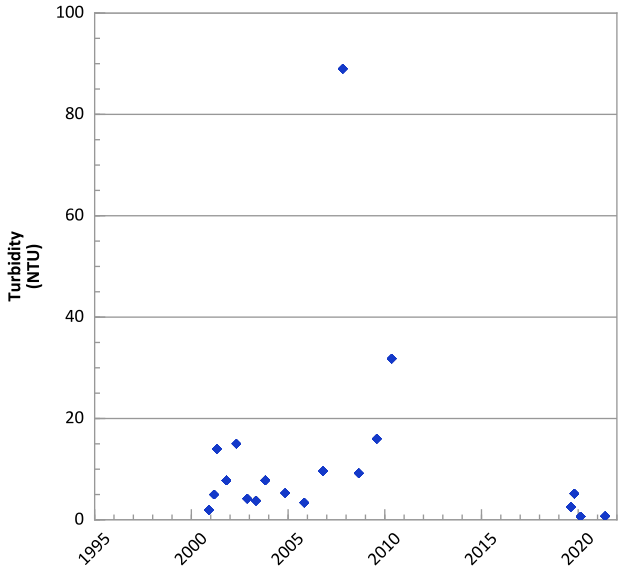


PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



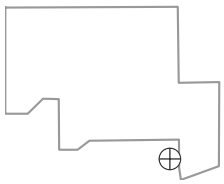






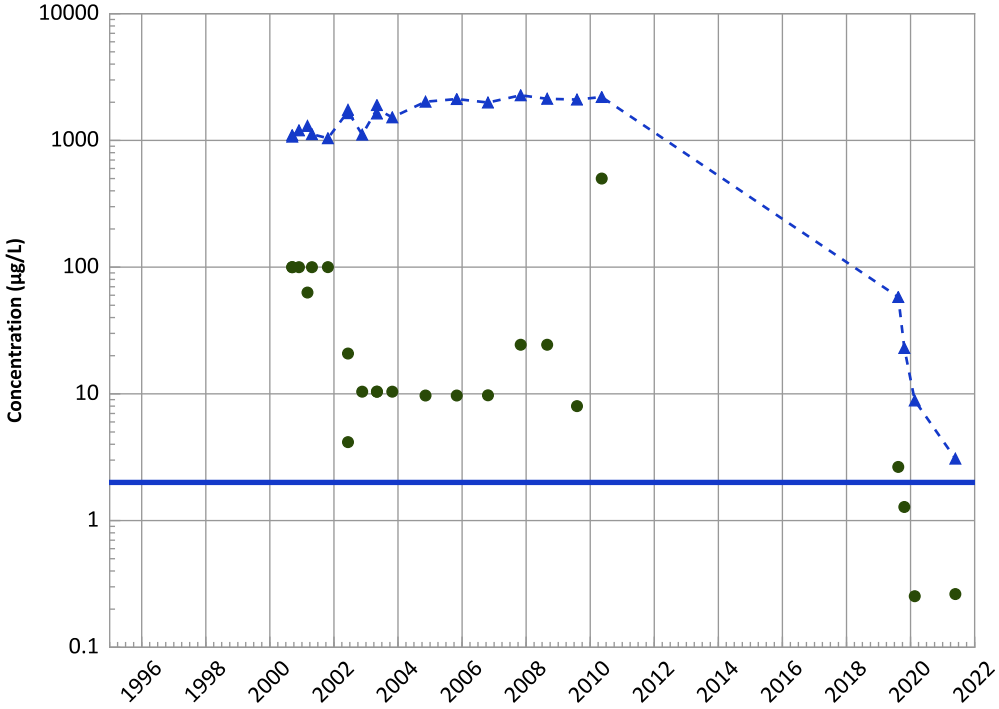
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

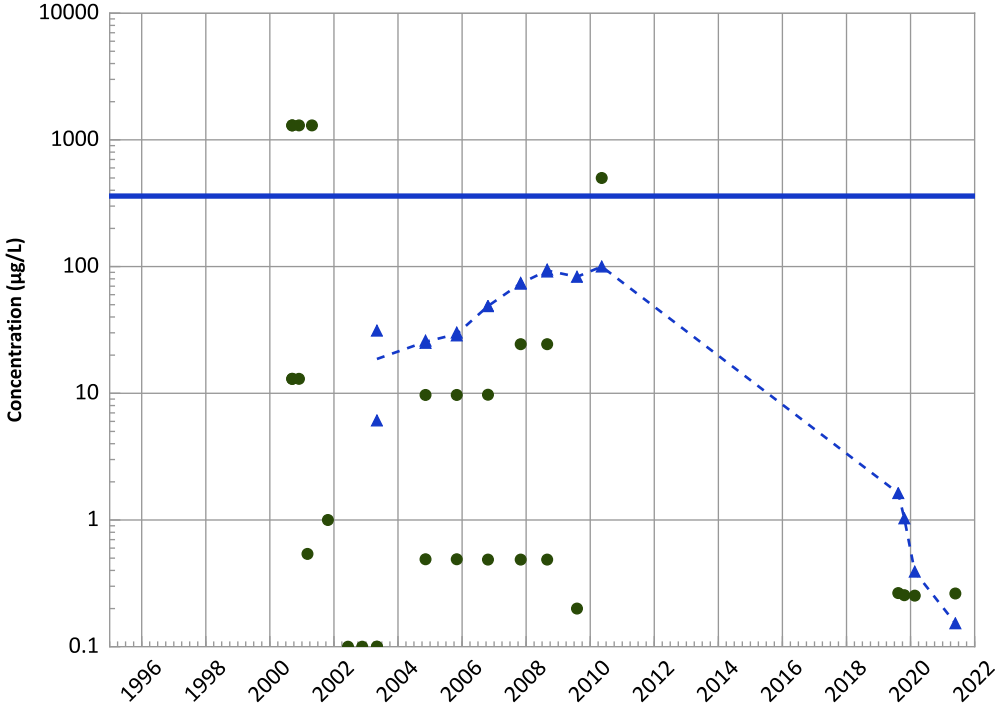


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

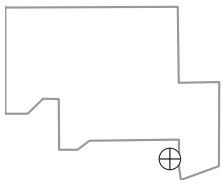
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

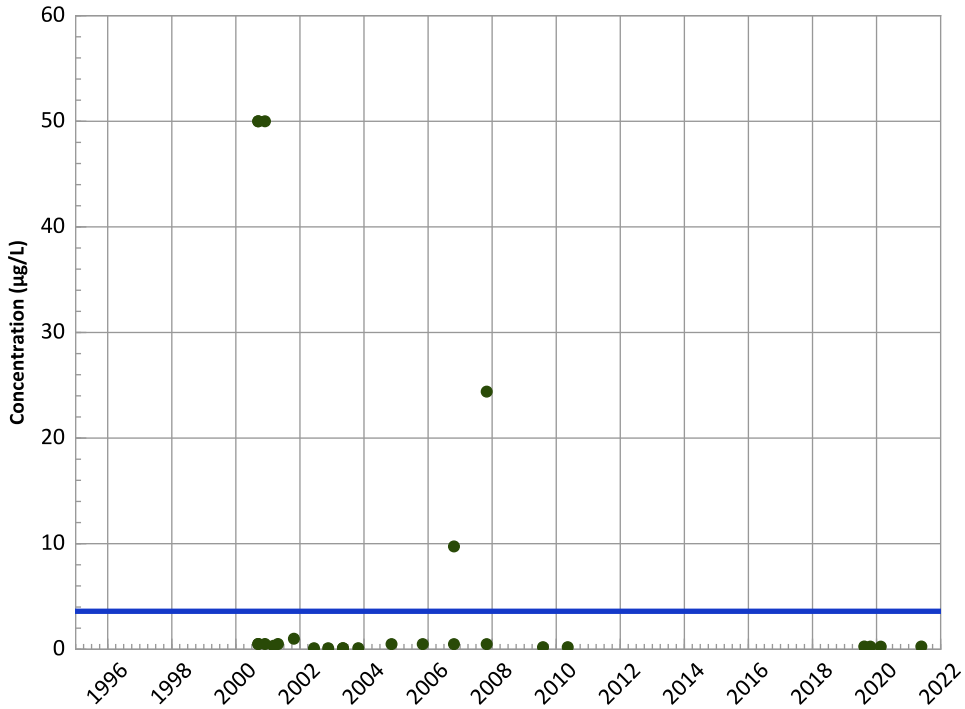
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

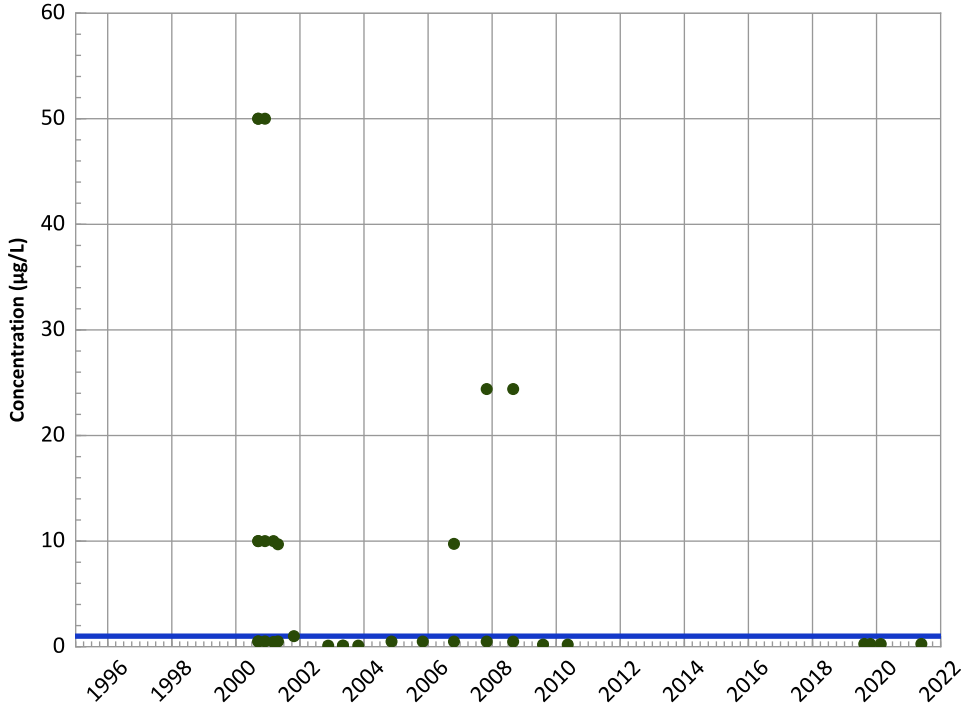


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

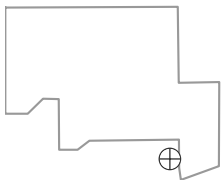


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

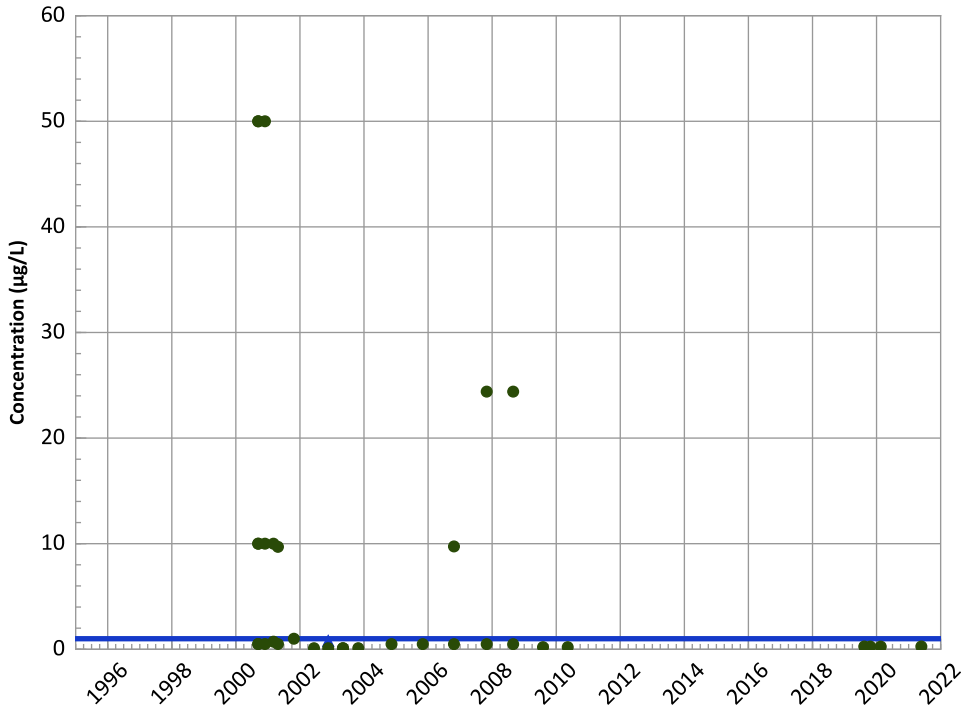


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

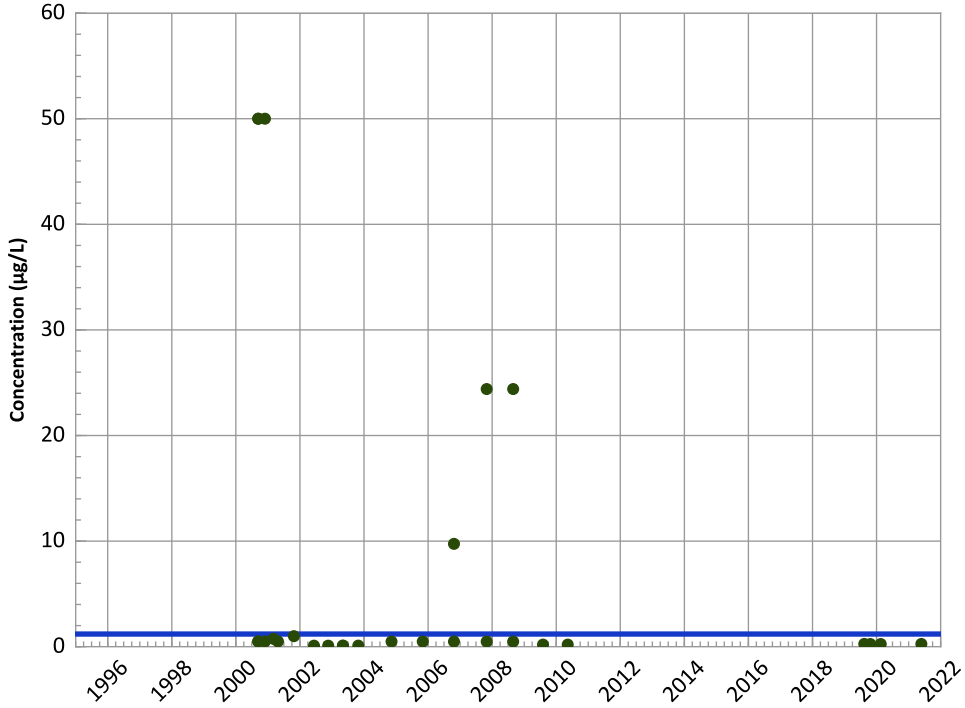


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

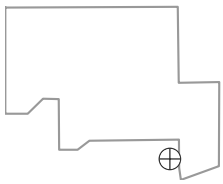
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

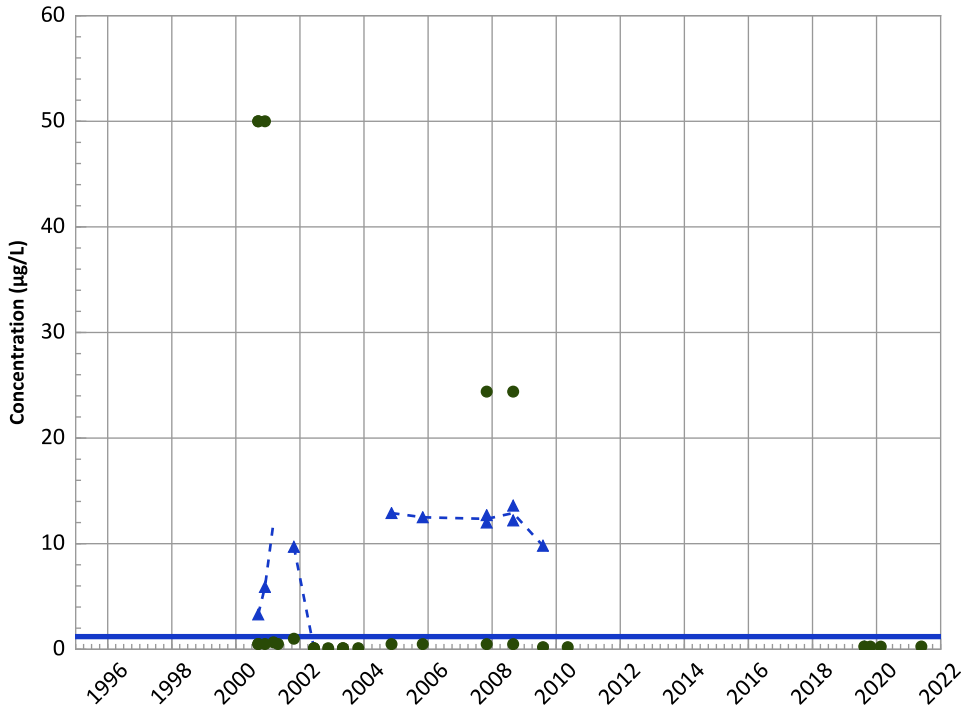
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

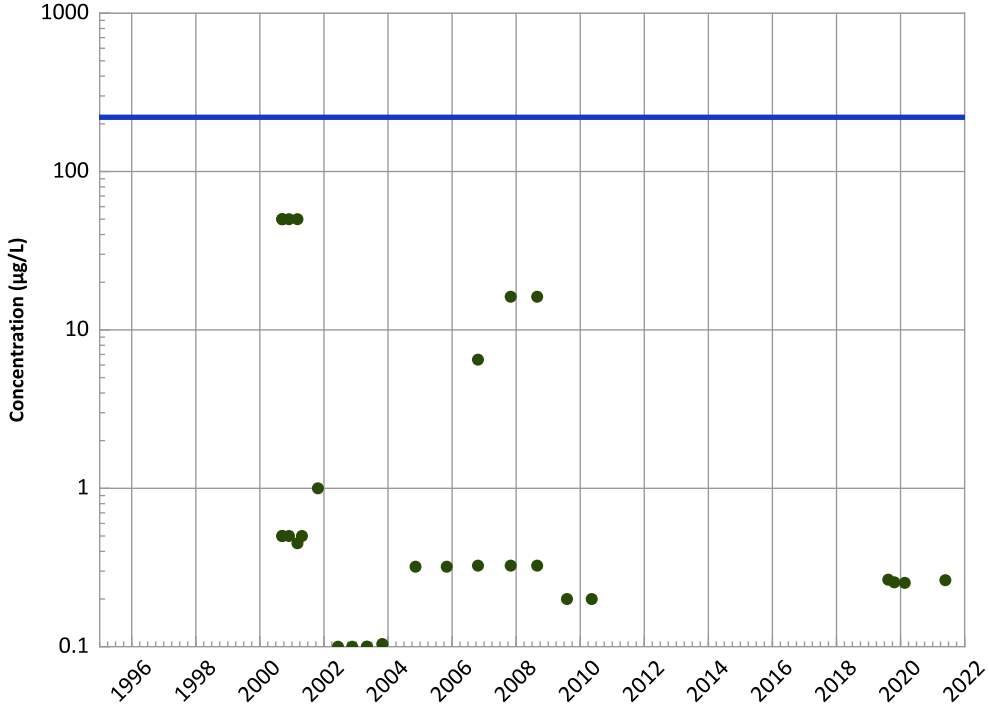


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

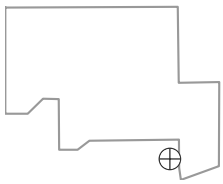
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

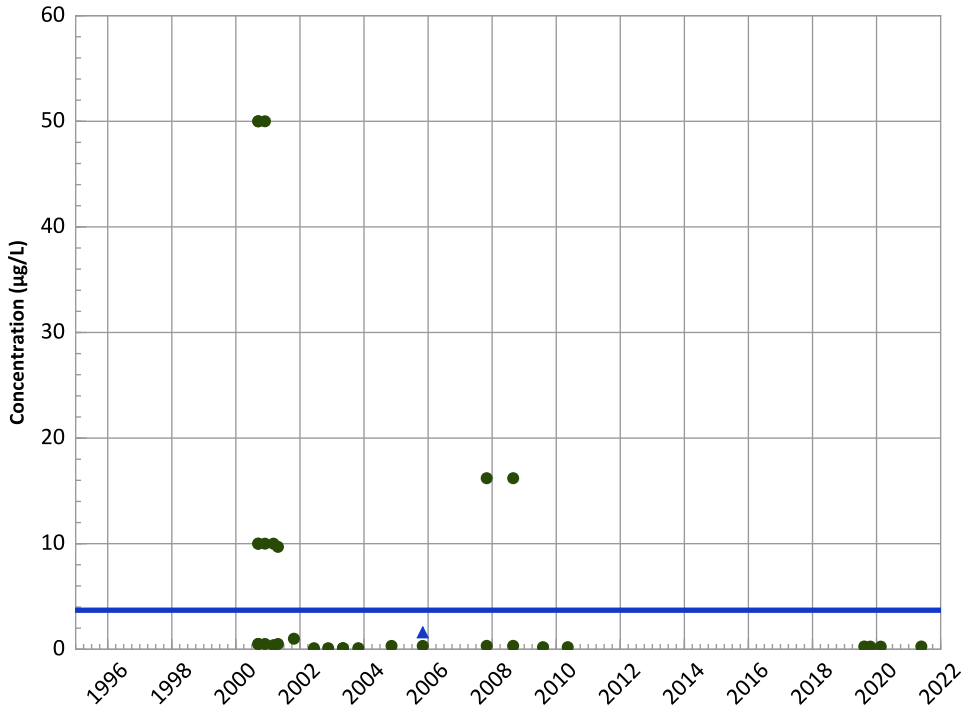
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

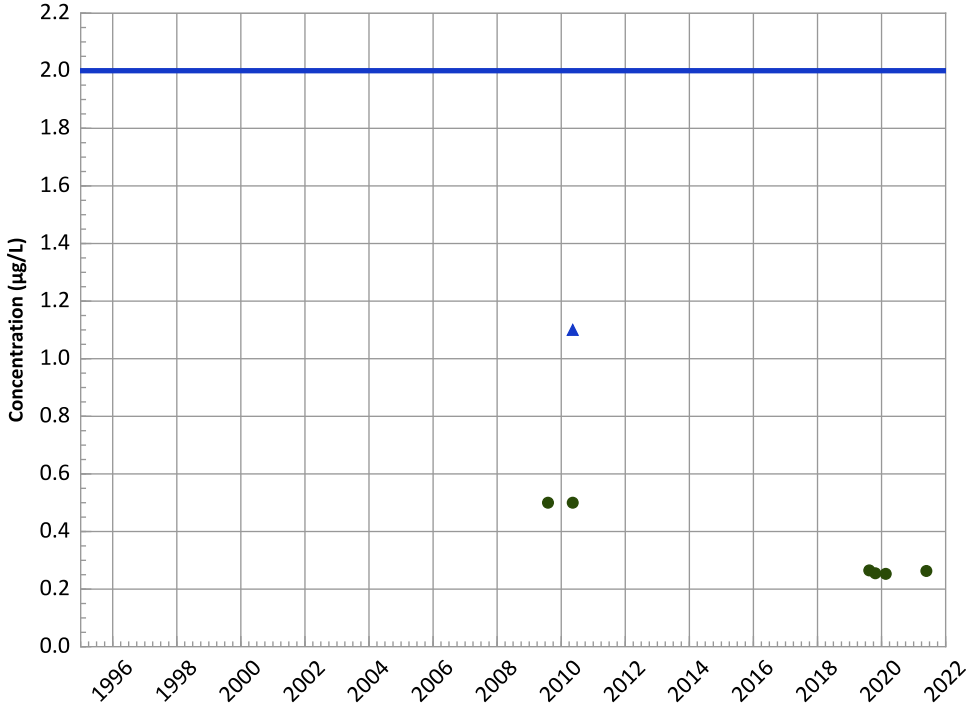


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

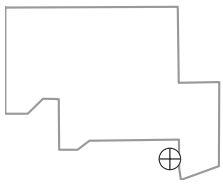
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

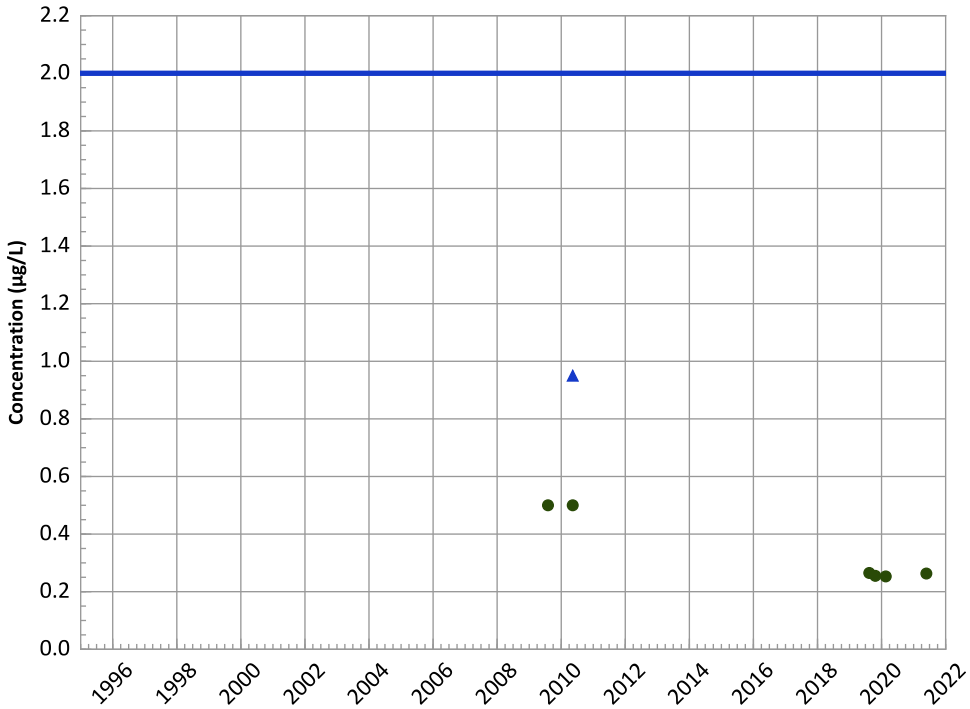
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

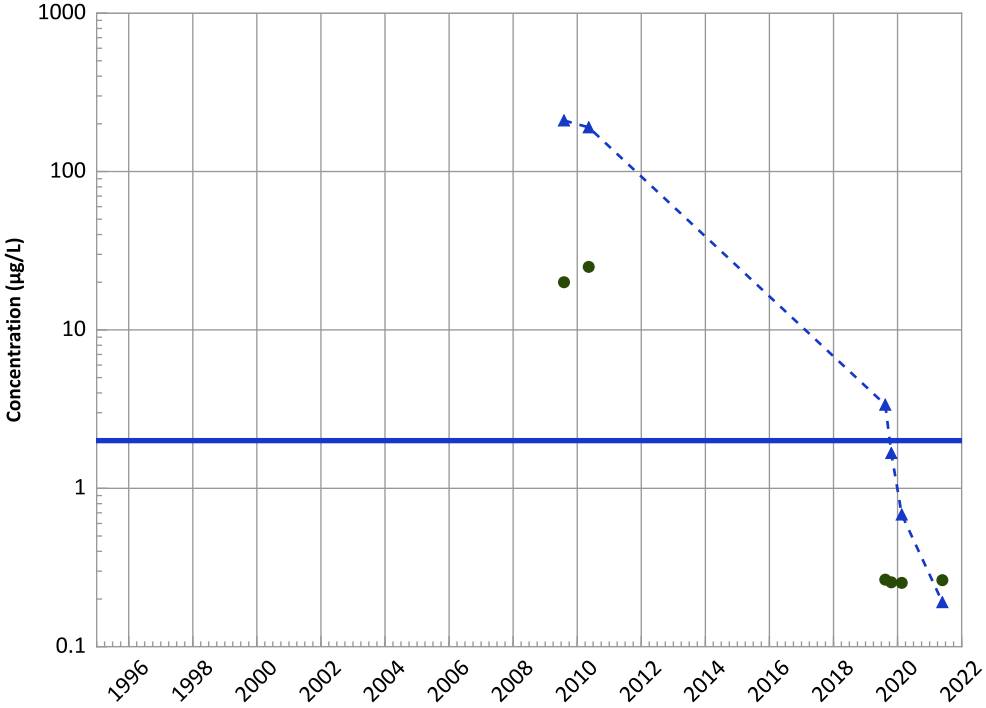


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

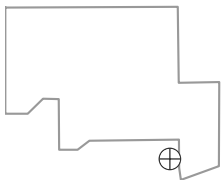
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

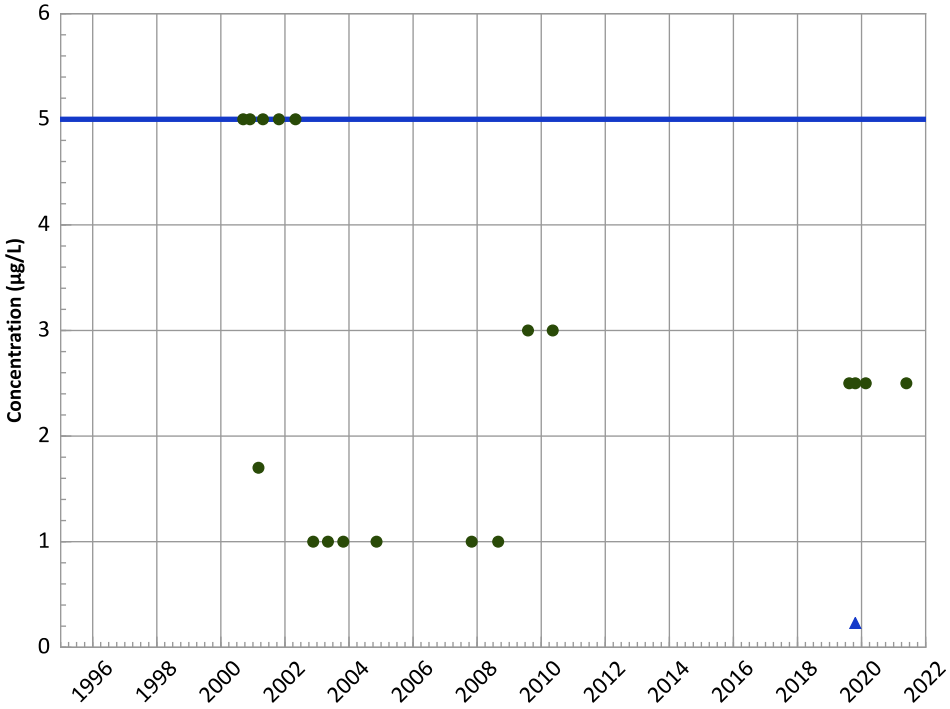
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

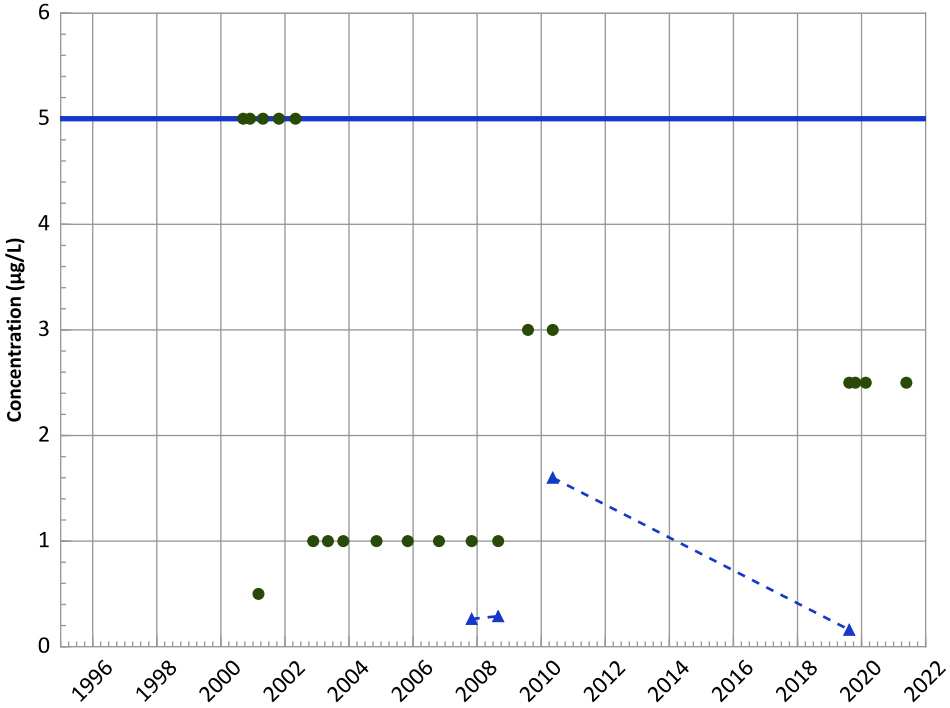


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

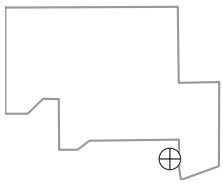
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

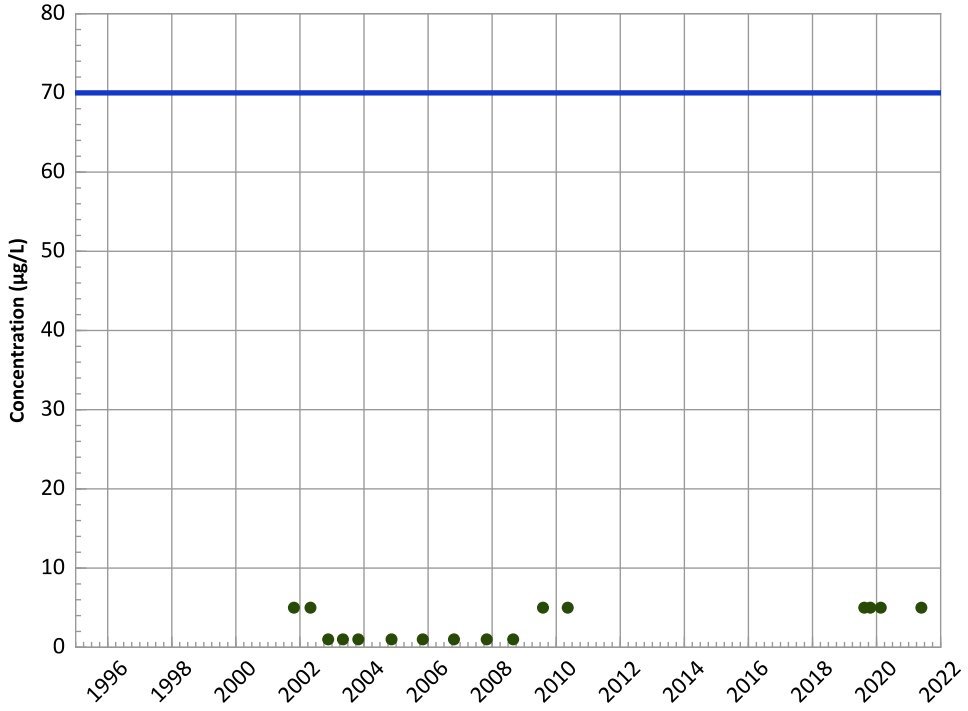
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

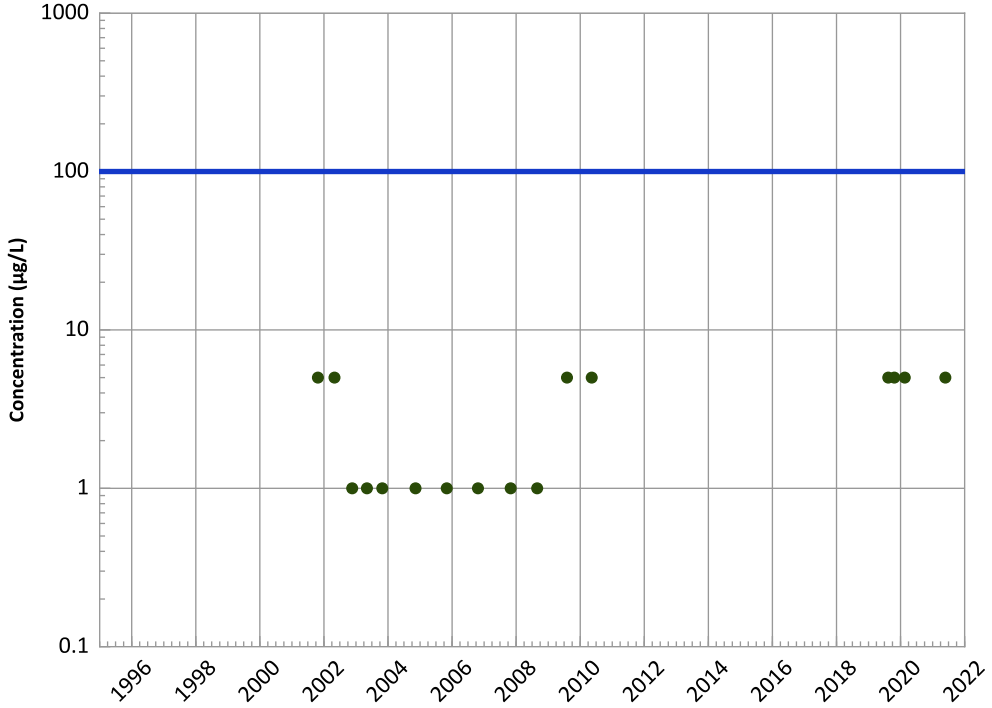


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

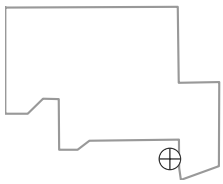
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

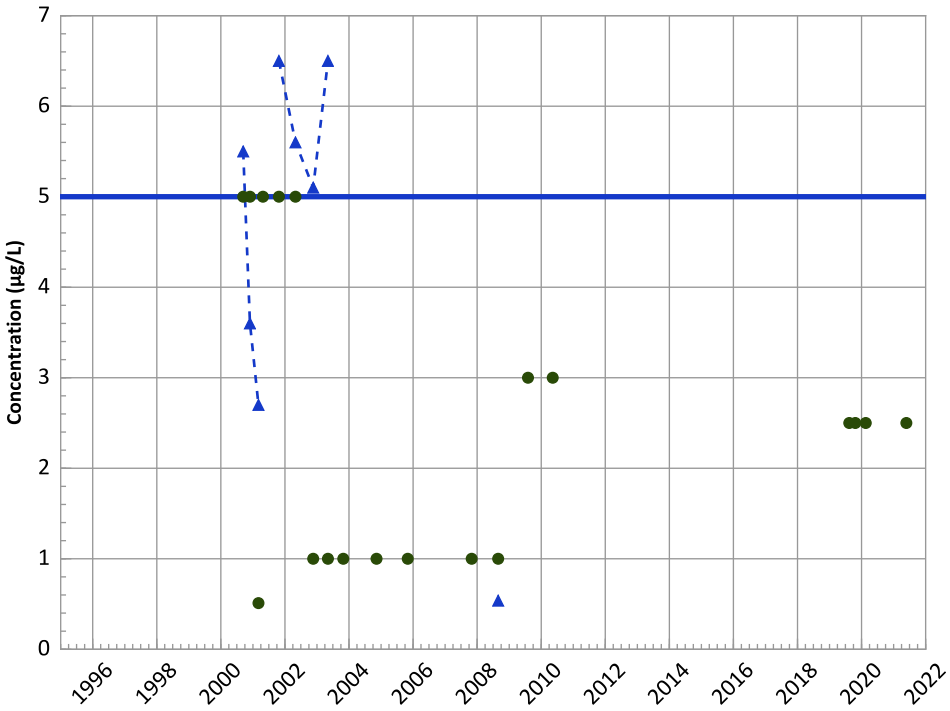
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

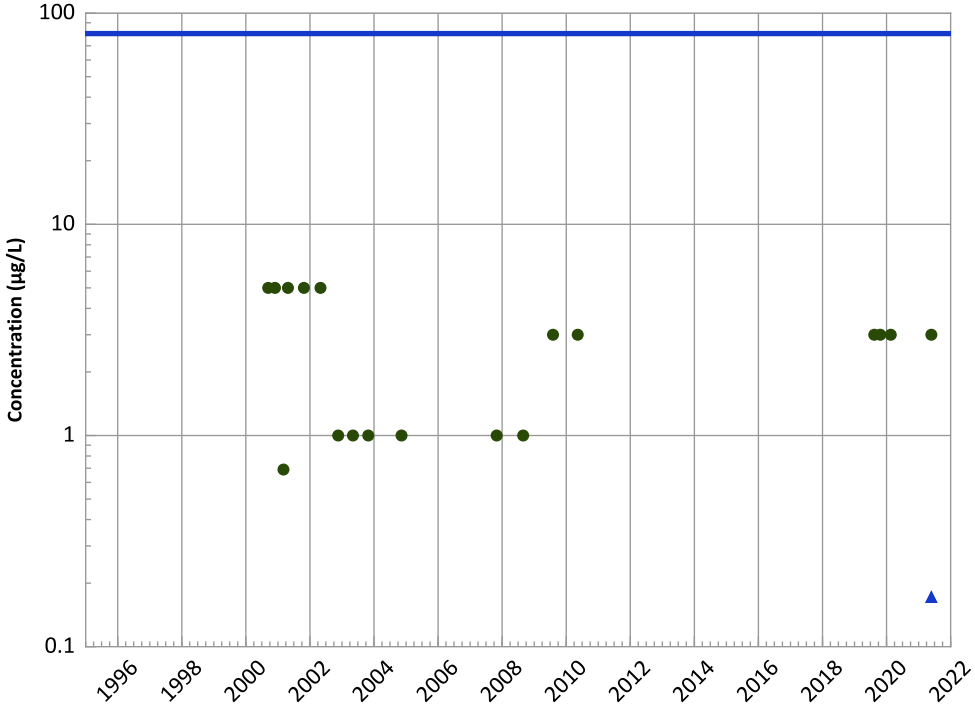


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chloroform Trend



Concentration Trend

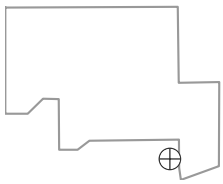
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

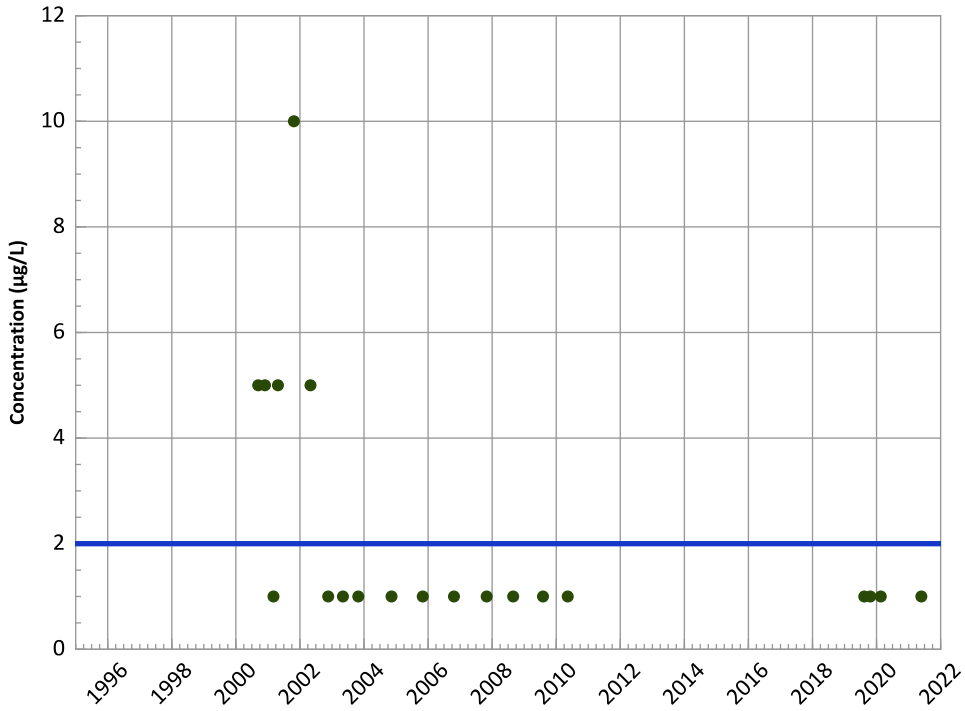
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

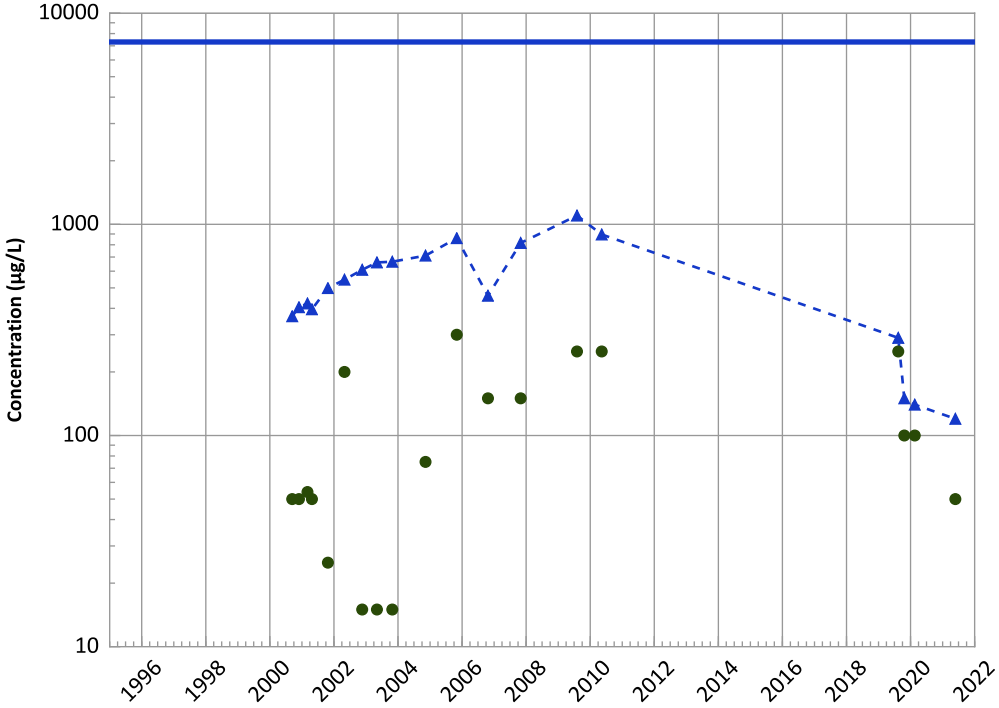


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

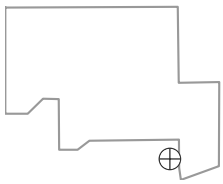
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

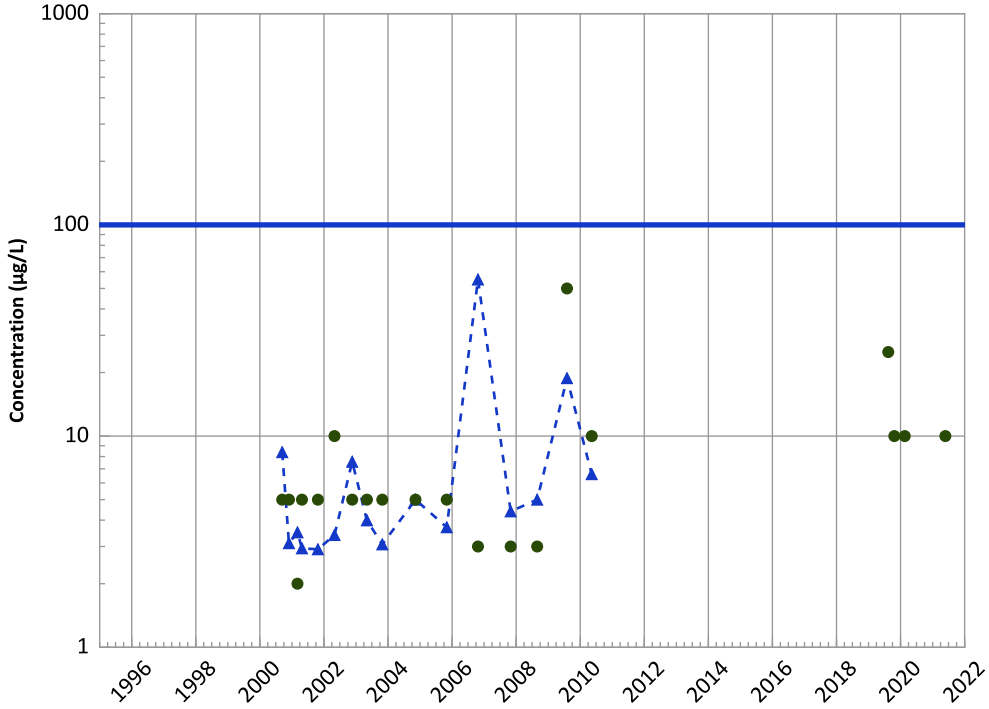
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

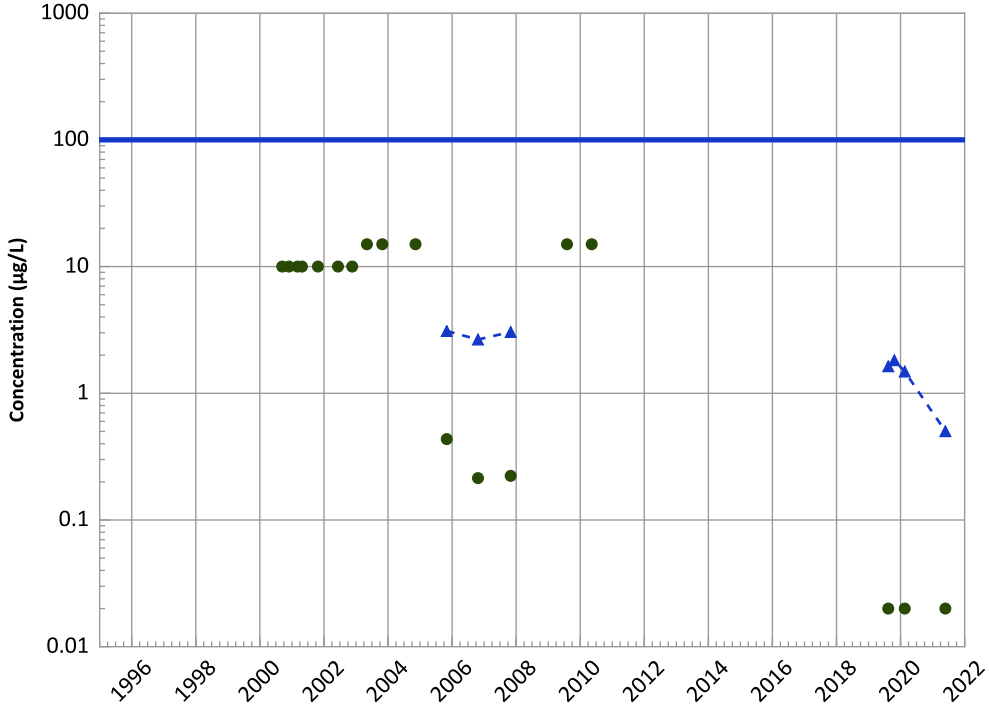


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

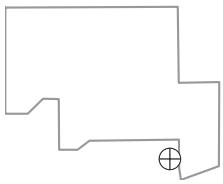
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

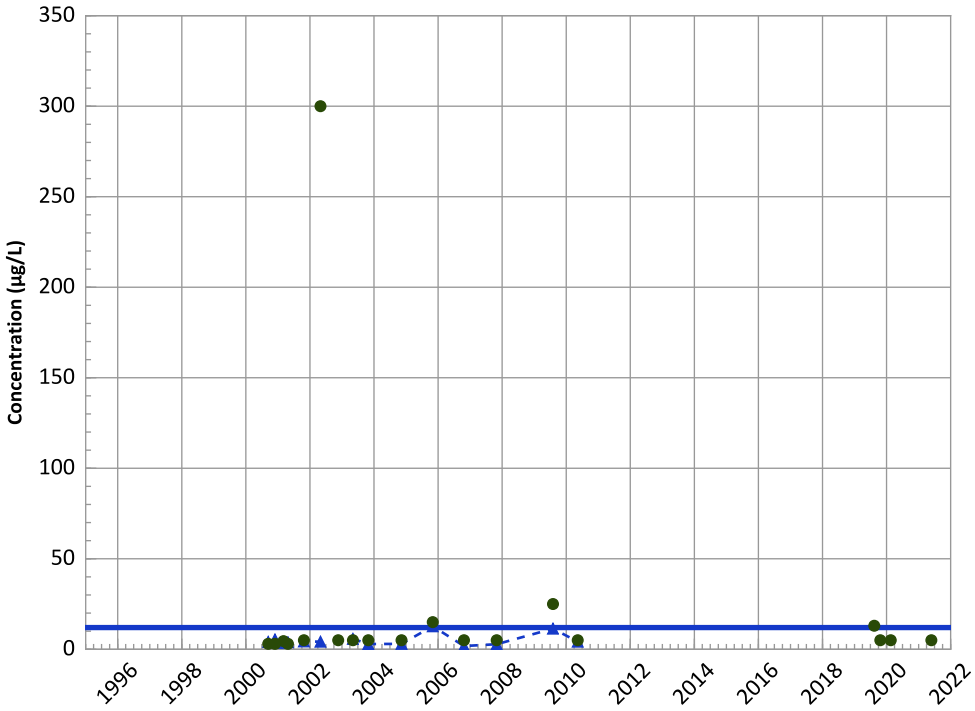
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

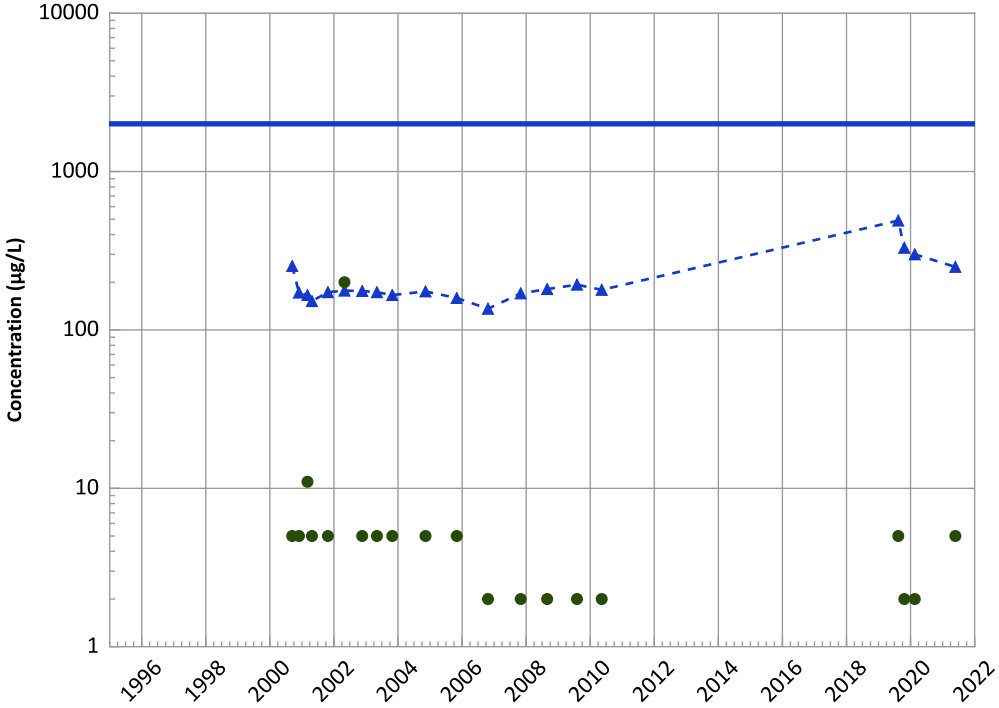


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

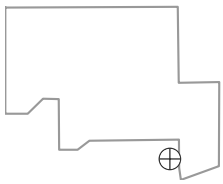
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

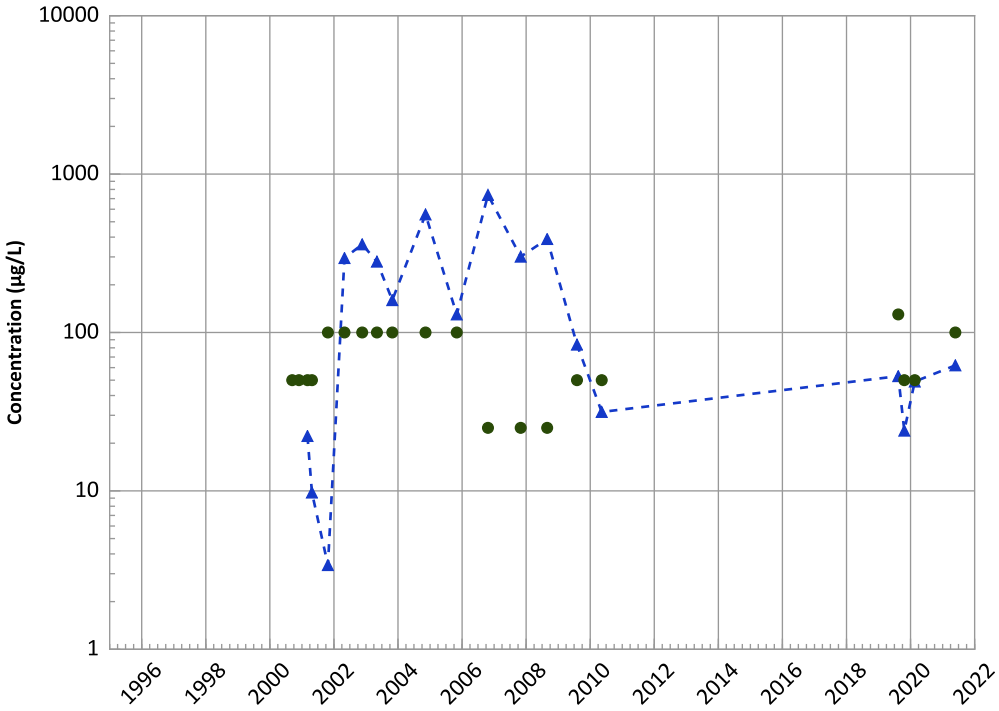
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

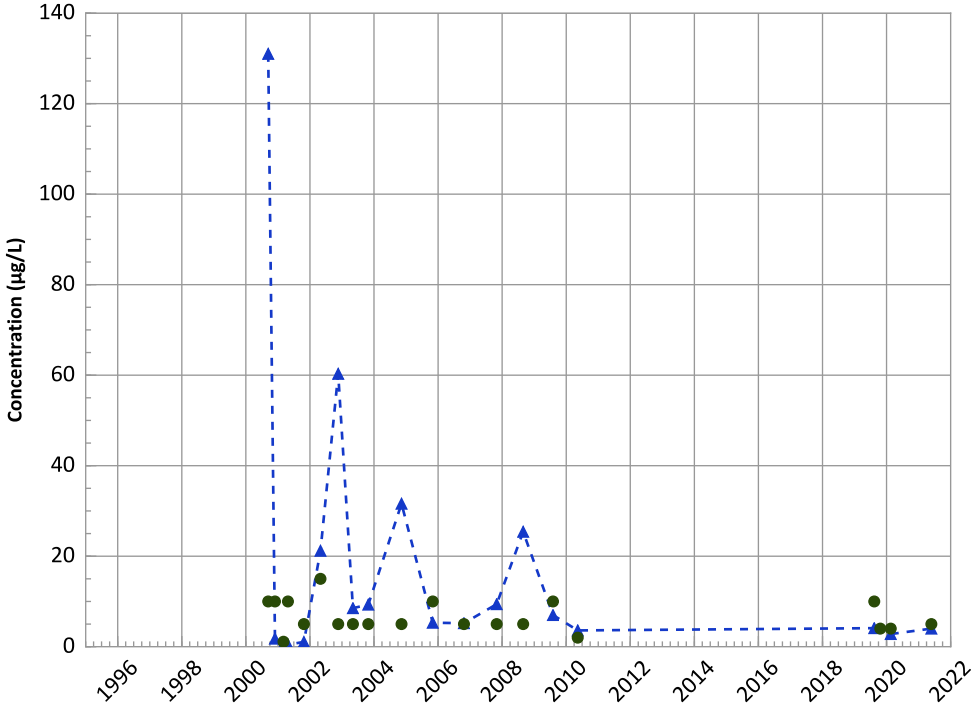


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

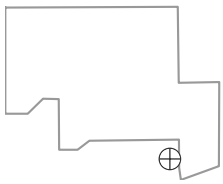
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

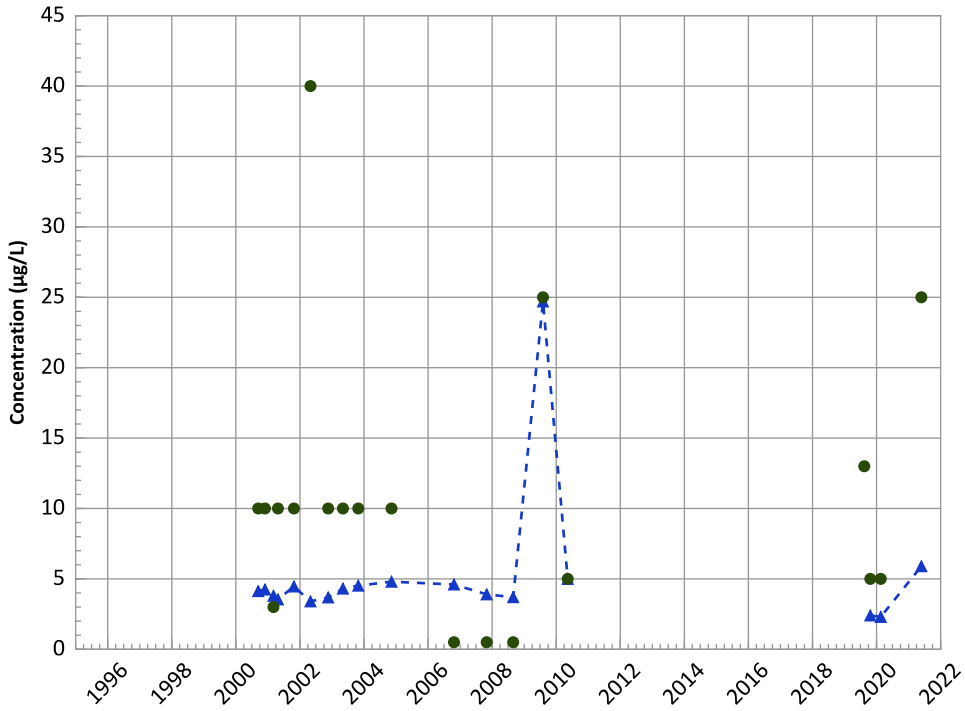
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

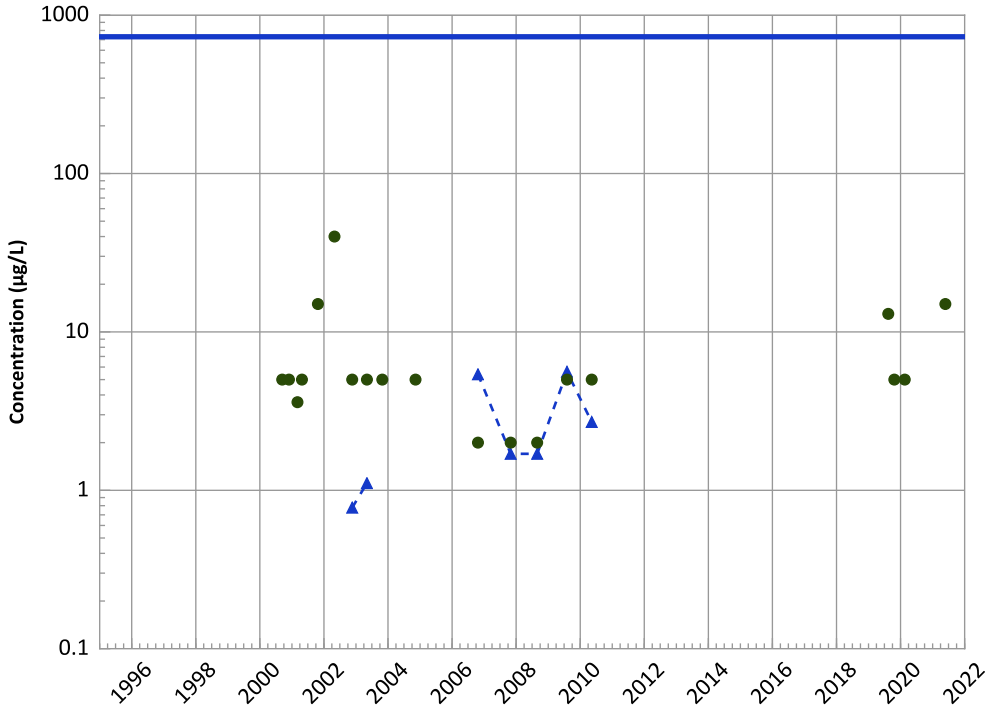


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Nickel Trend



Concentration Trend

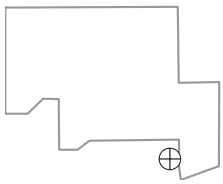
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

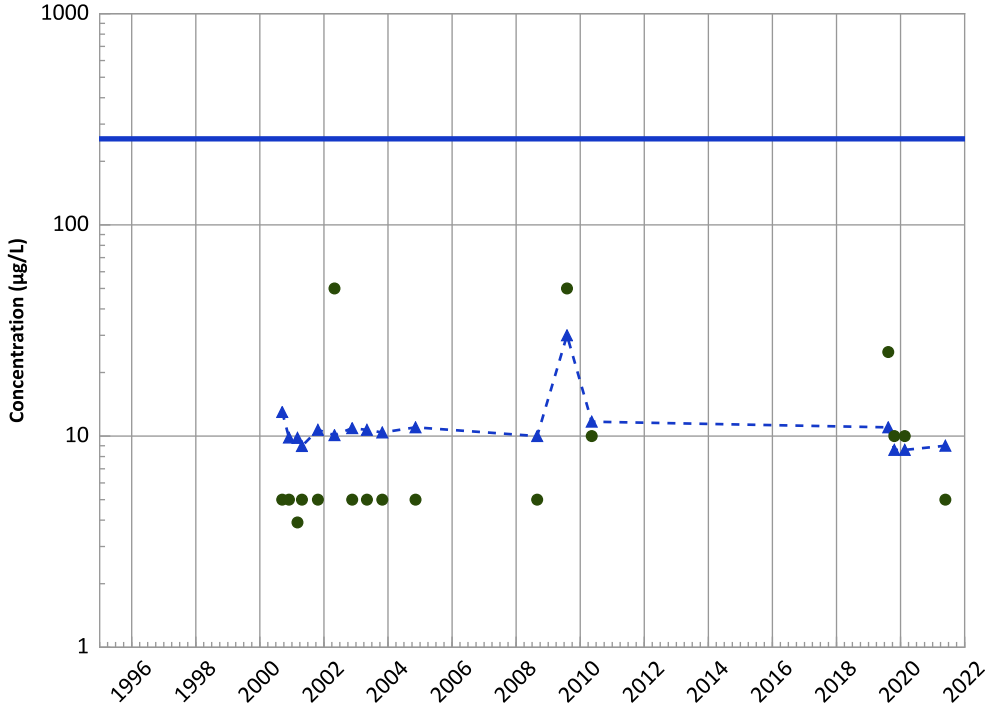
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

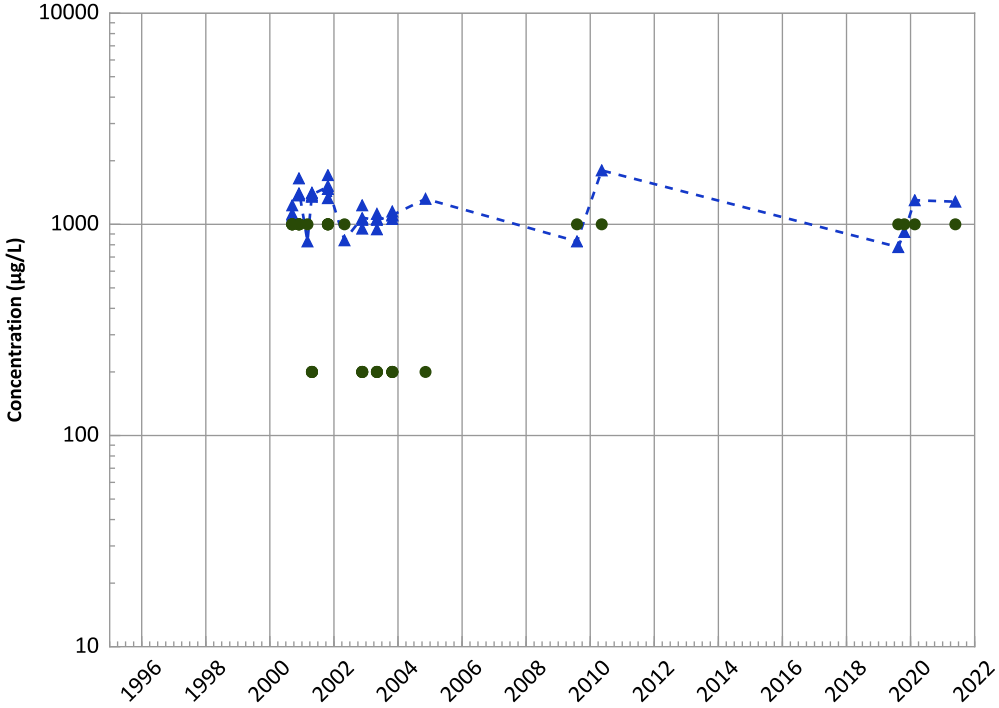


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

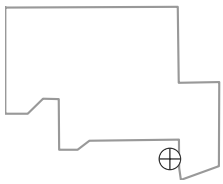
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

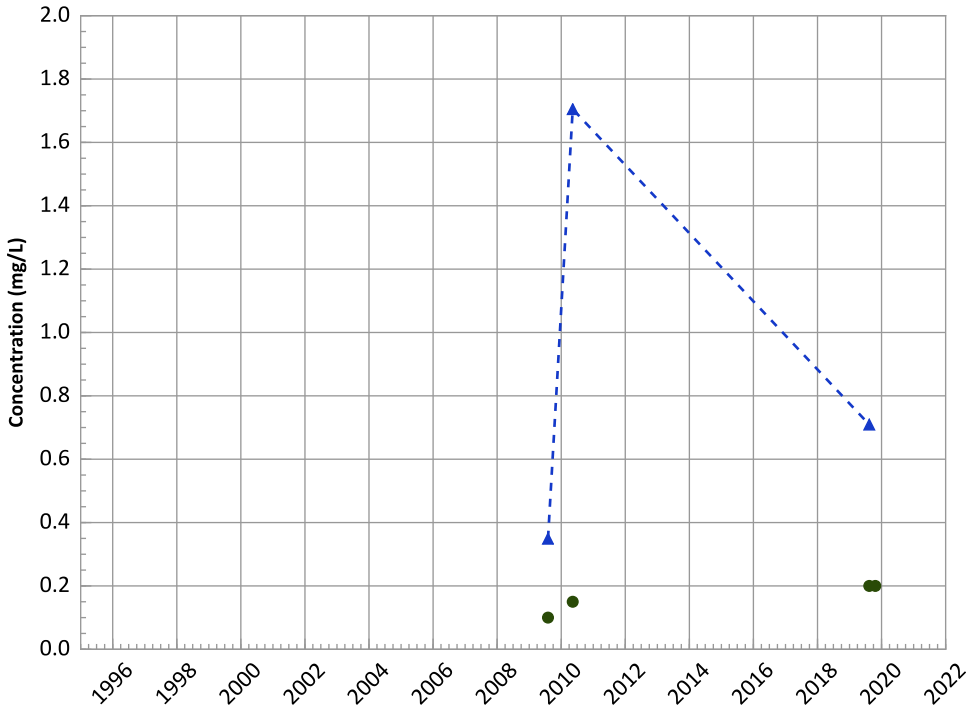
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1045 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

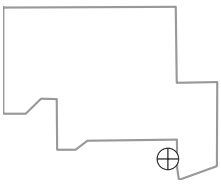
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

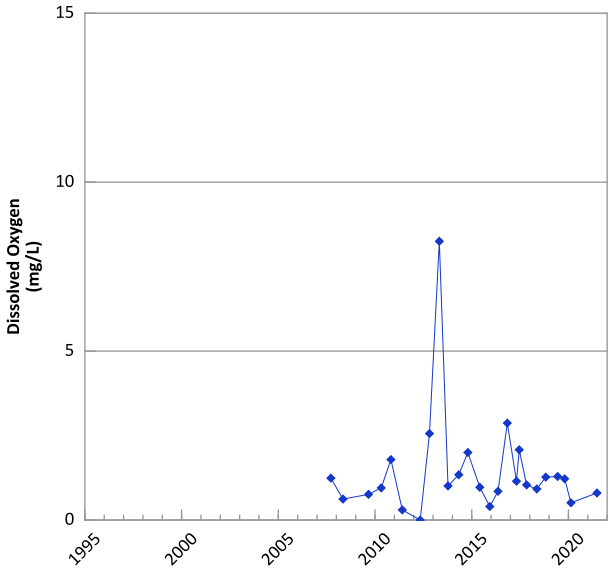
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/12/2000 to 05/26/2021
Analysis Date: 05/02/2022

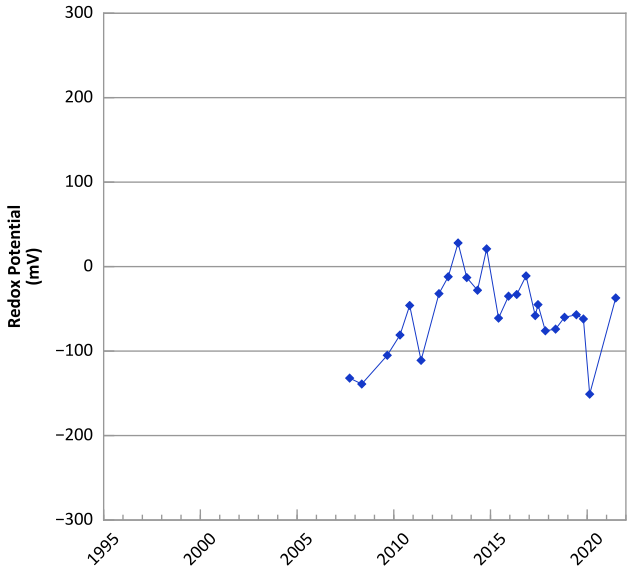
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

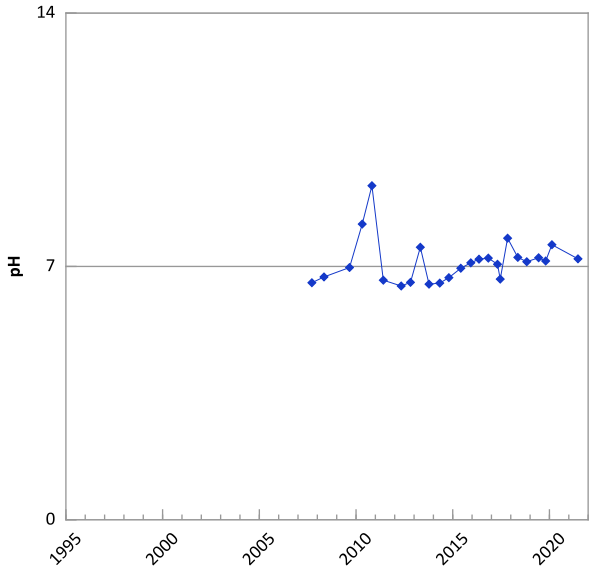
Well Location

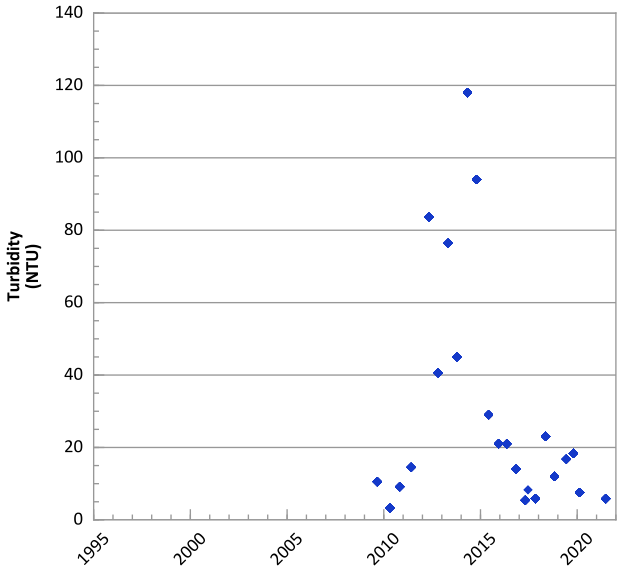


PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



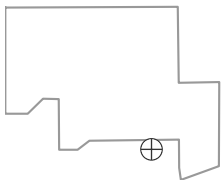






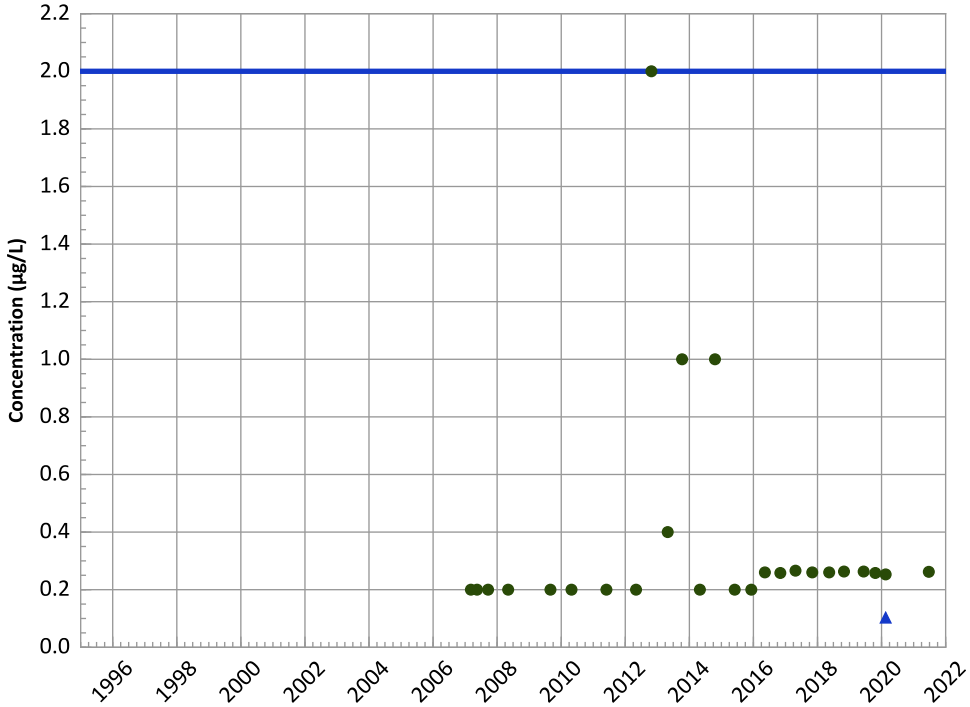
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

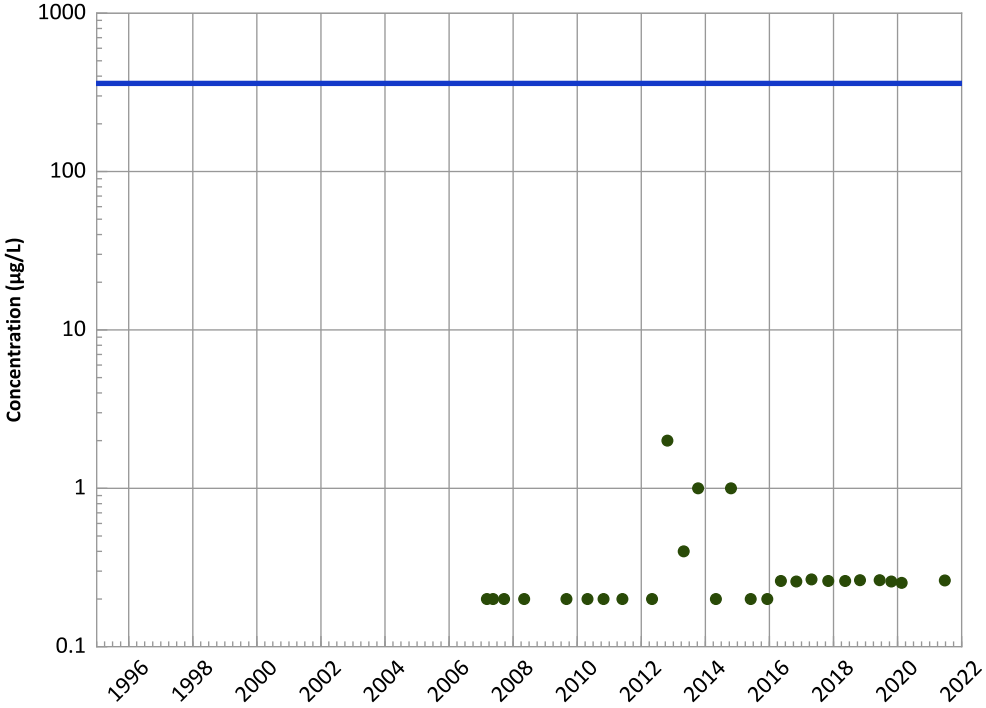


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

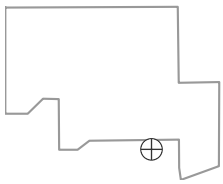
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

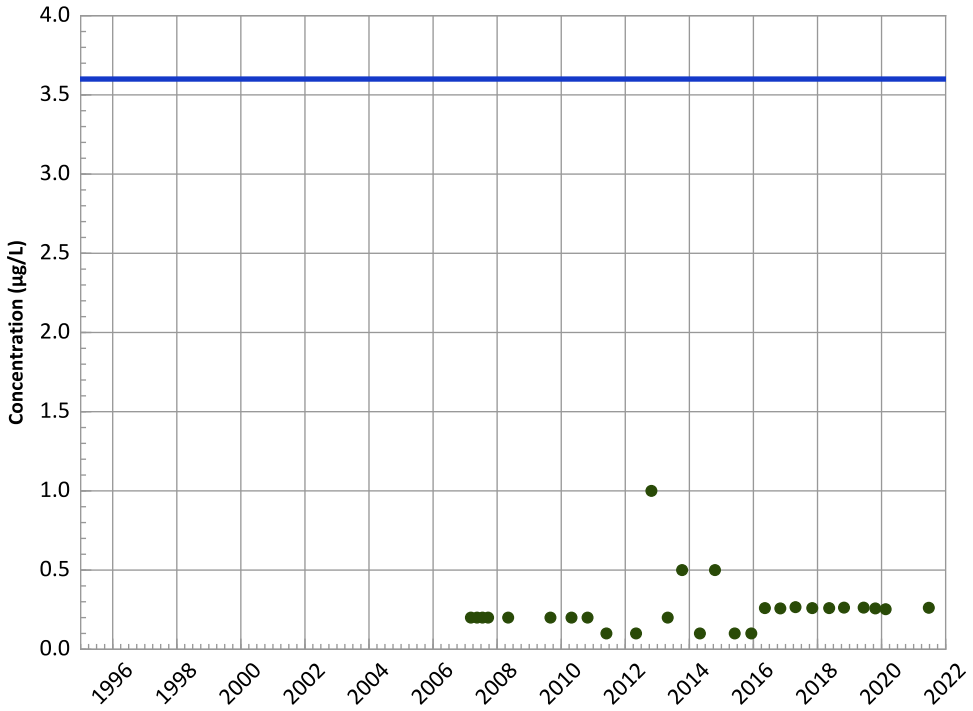
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

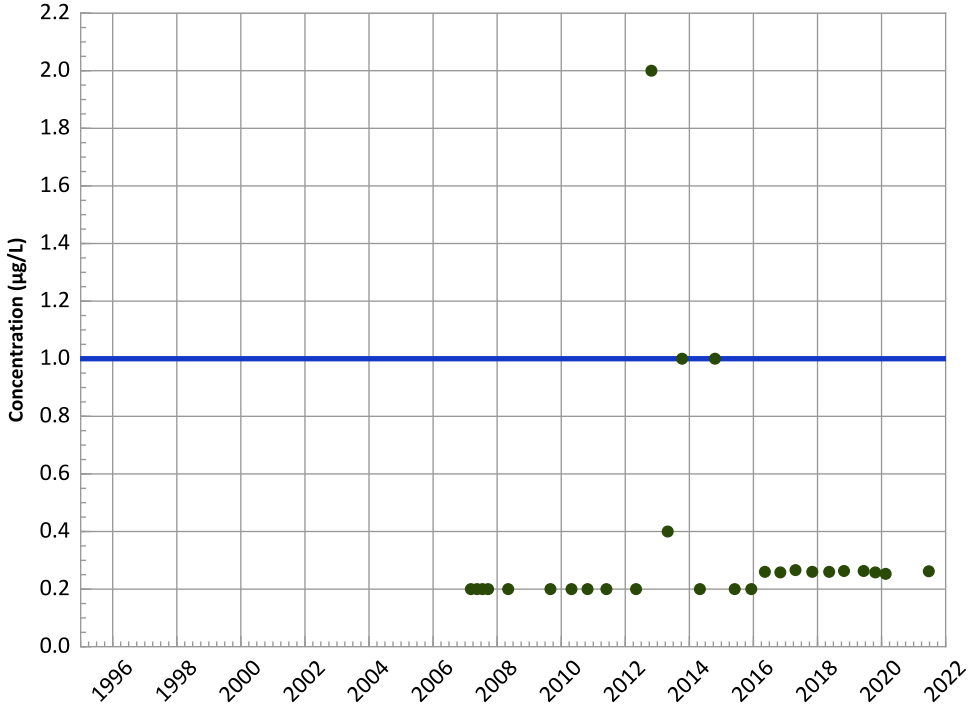


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

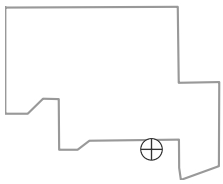
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

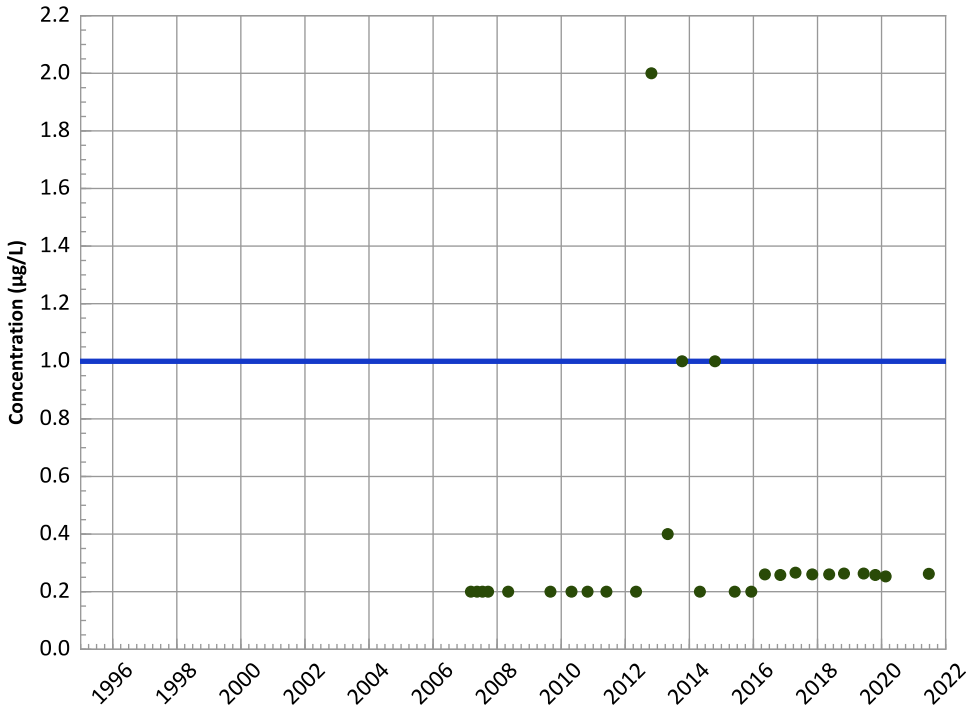
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

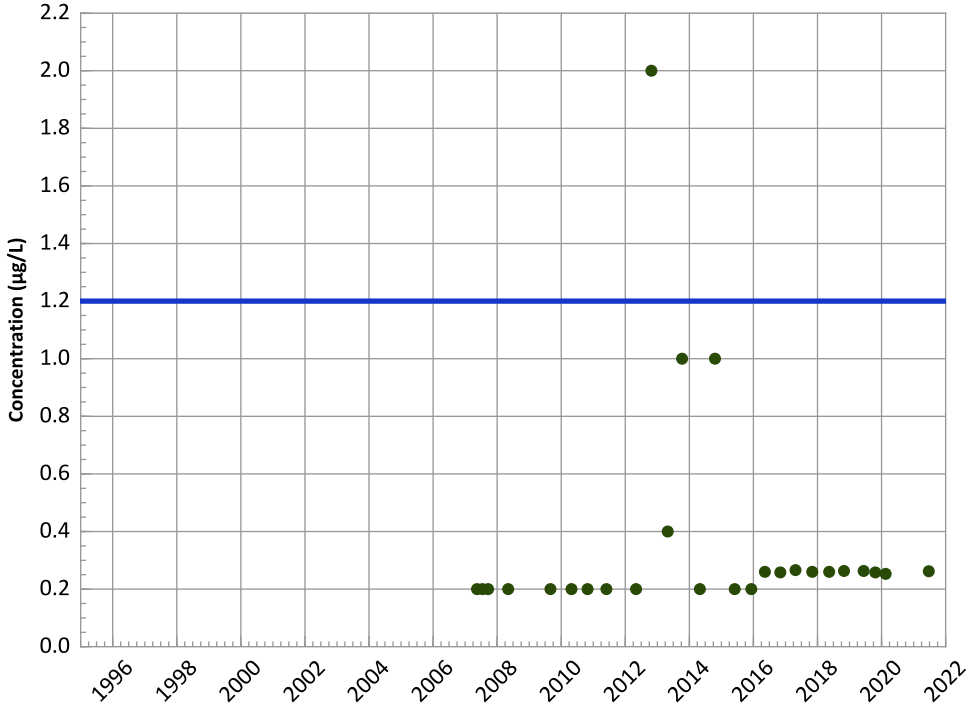


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

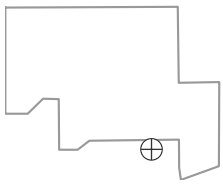
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

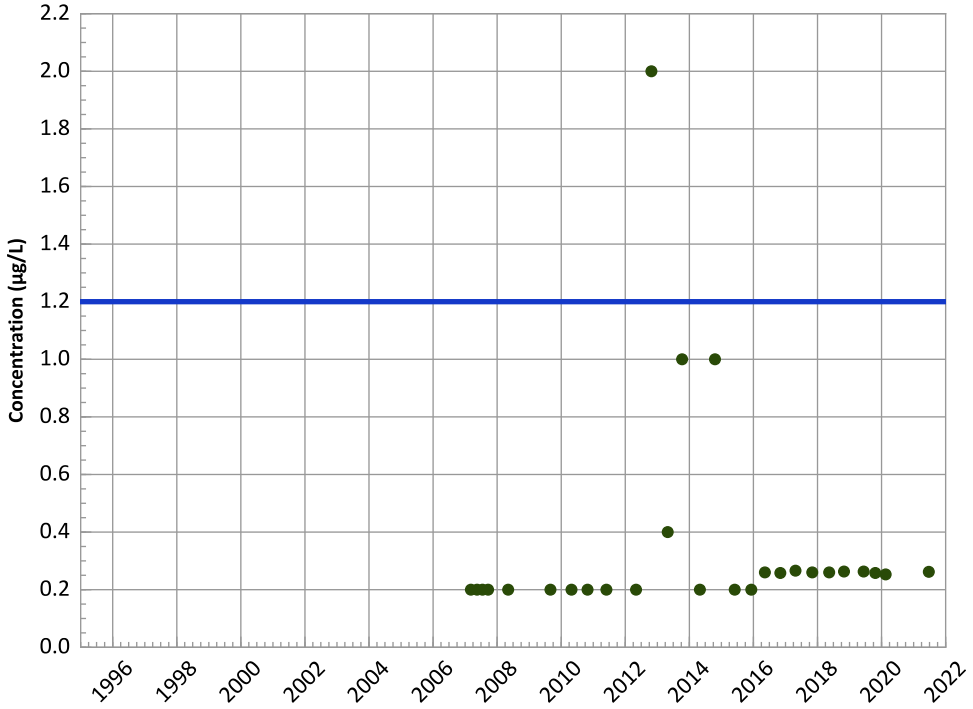
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

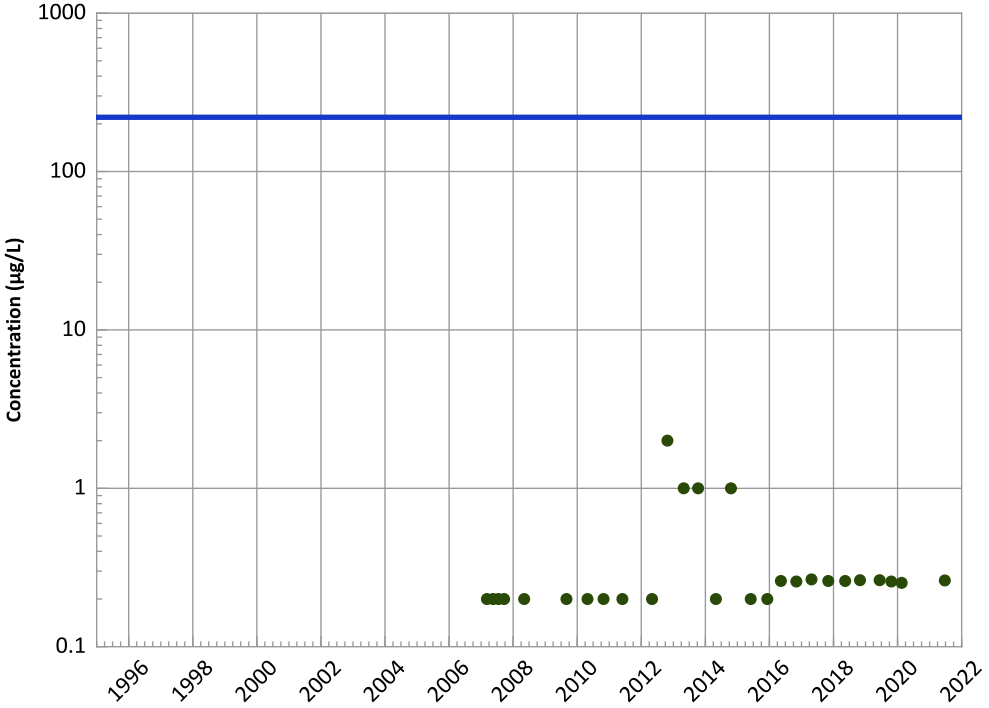


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend

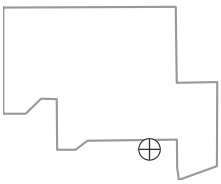


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

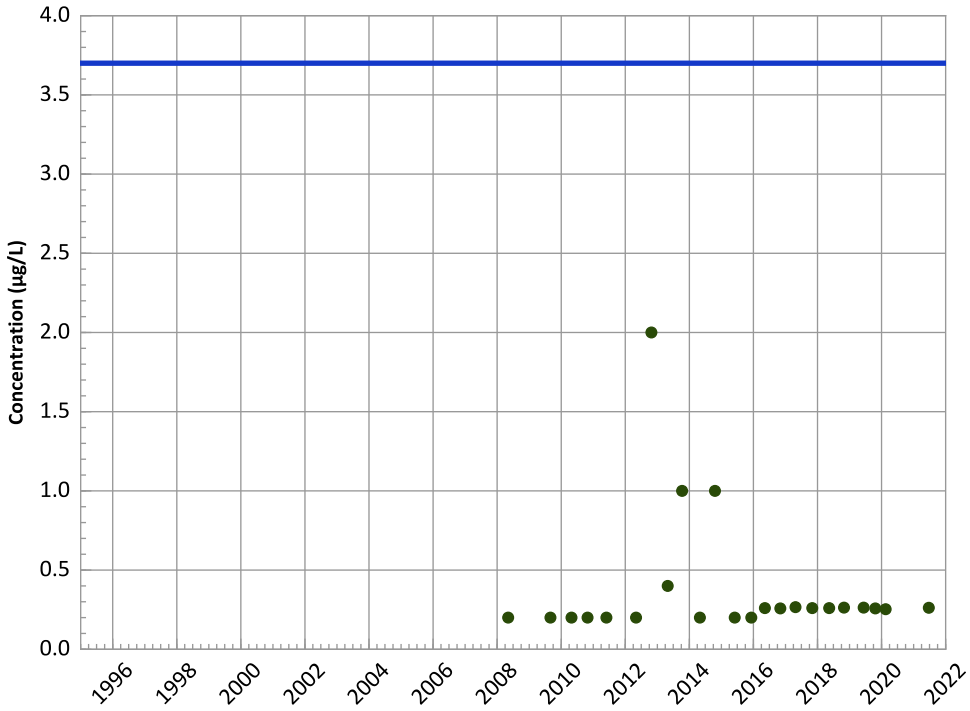


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

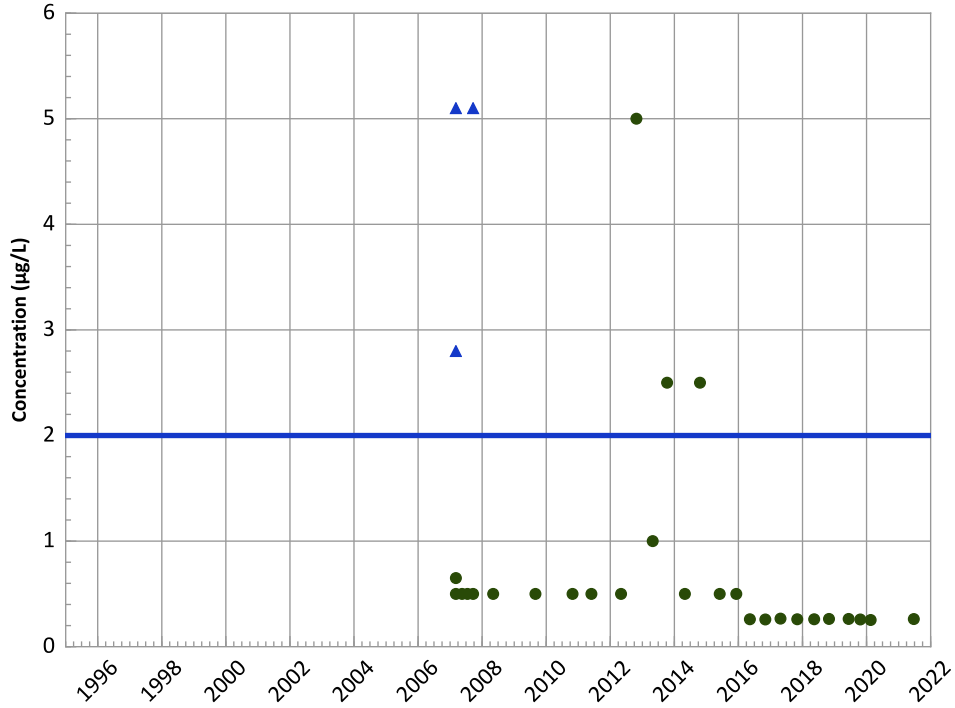


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

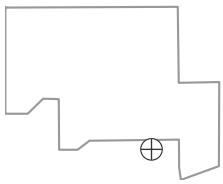
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

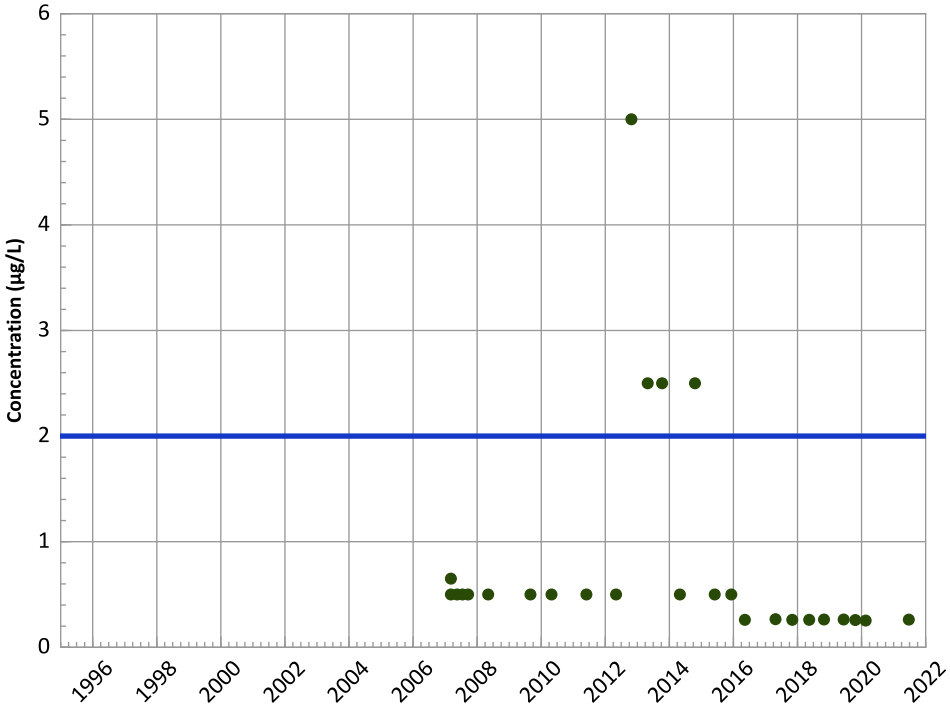
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

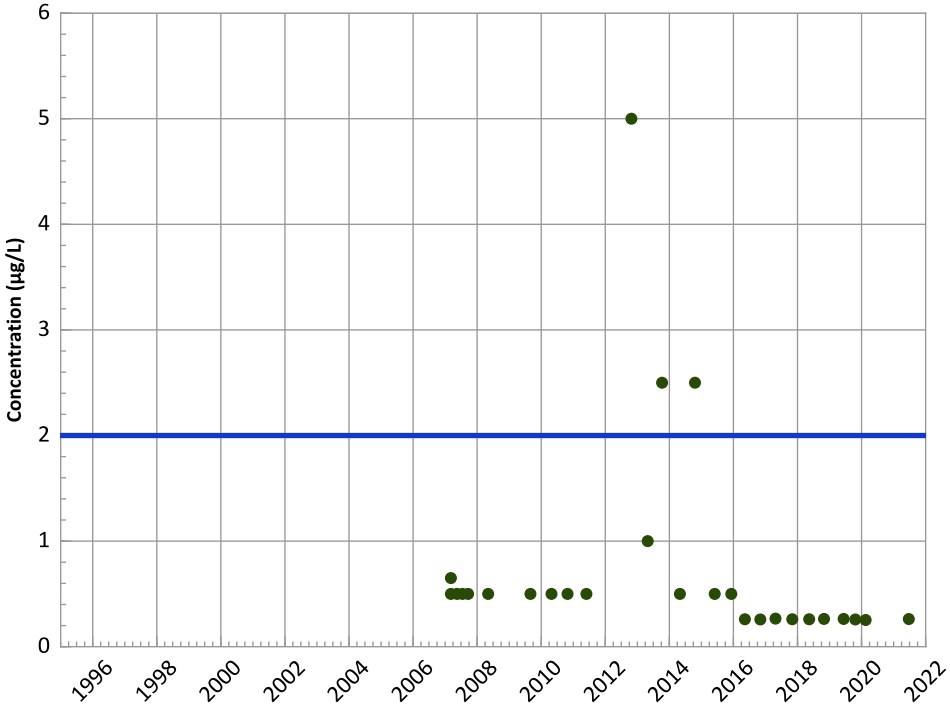


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

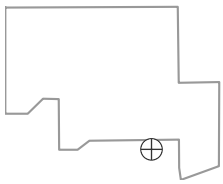


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

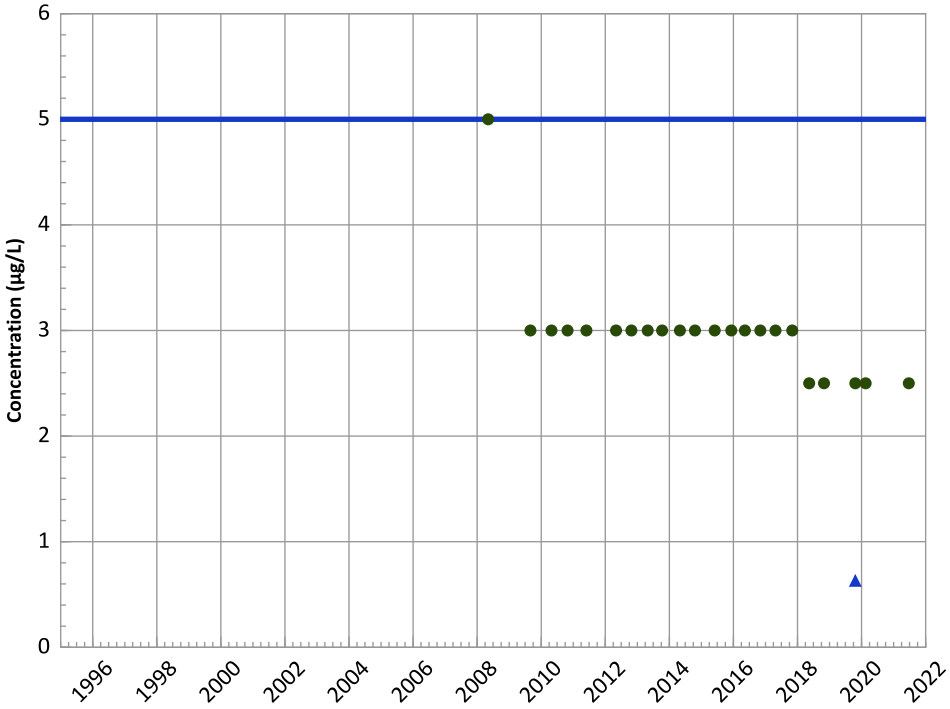


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

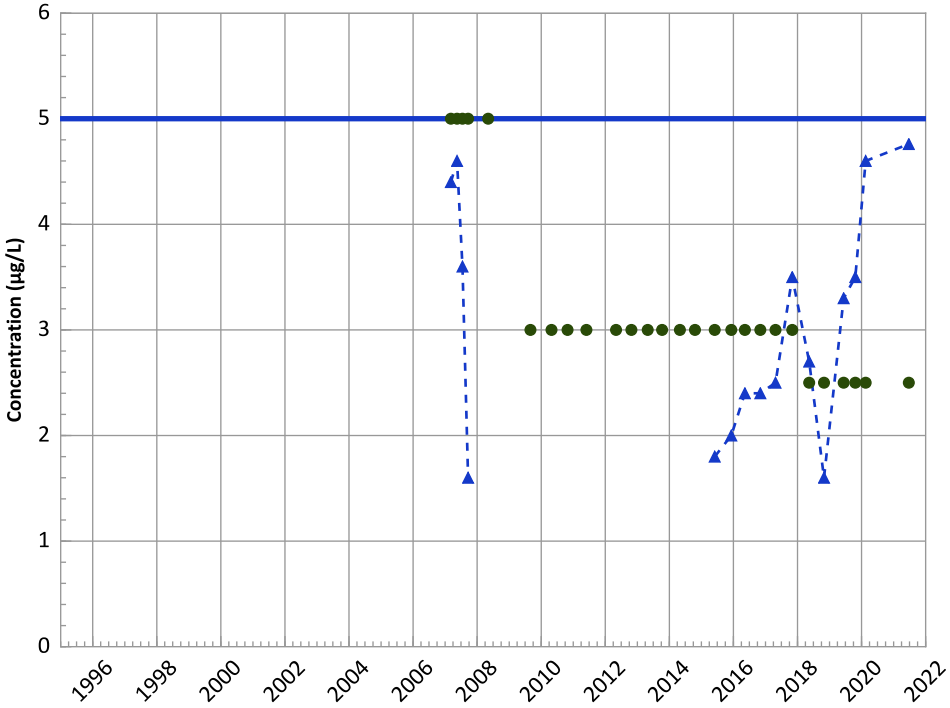


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

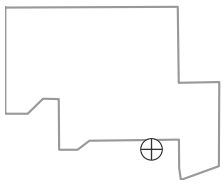
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

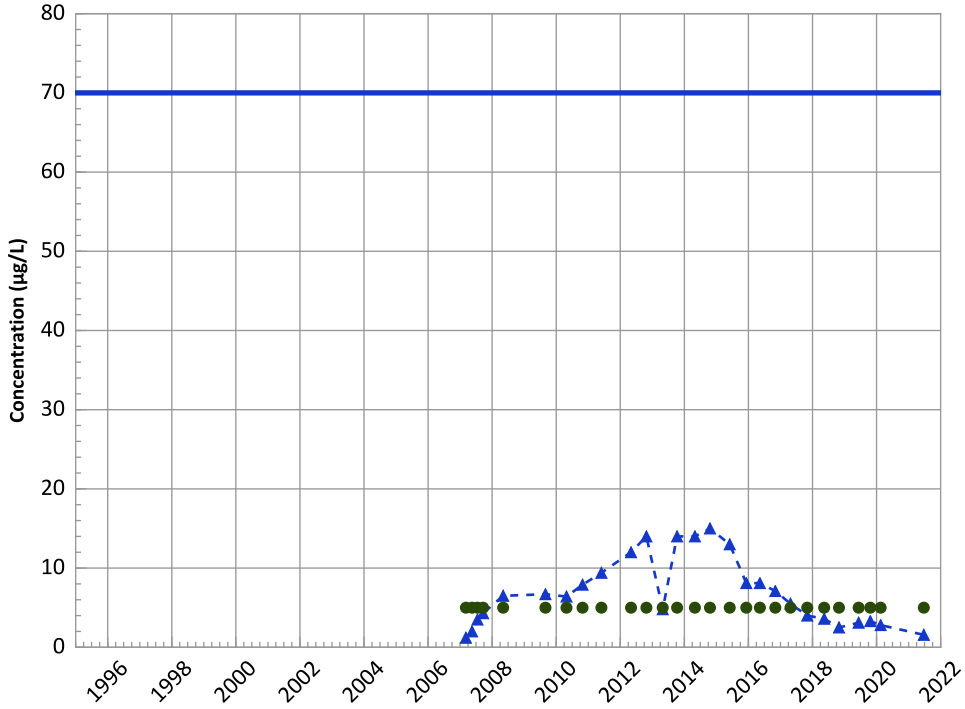
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

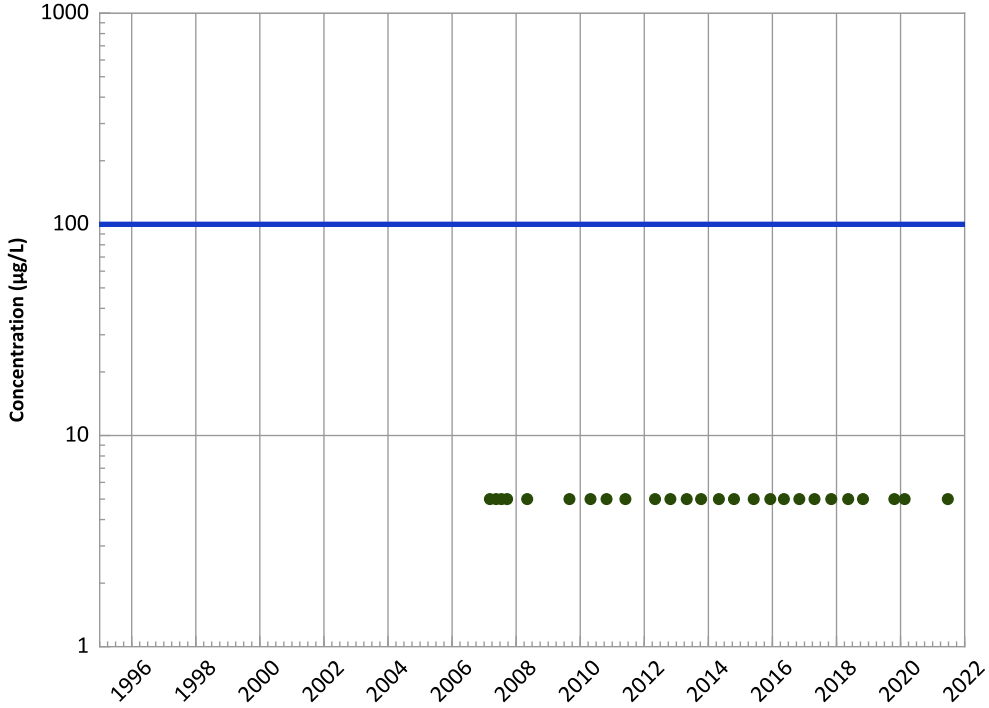


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Probably Decreasing

trans-1,2-Dichloroethene Trend



Concentration Trend

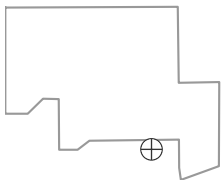
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

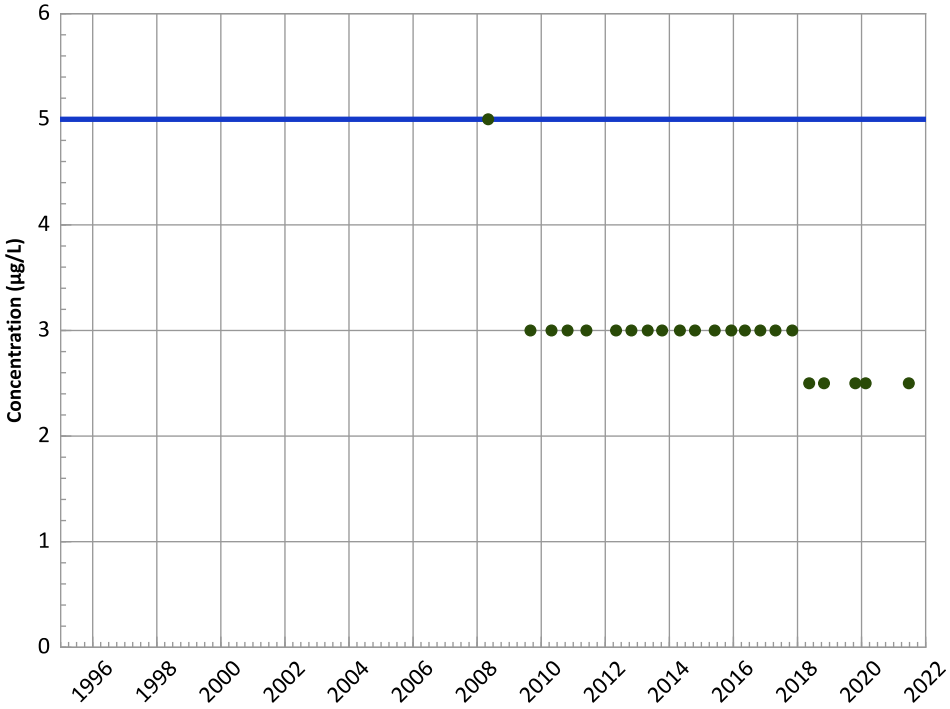
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

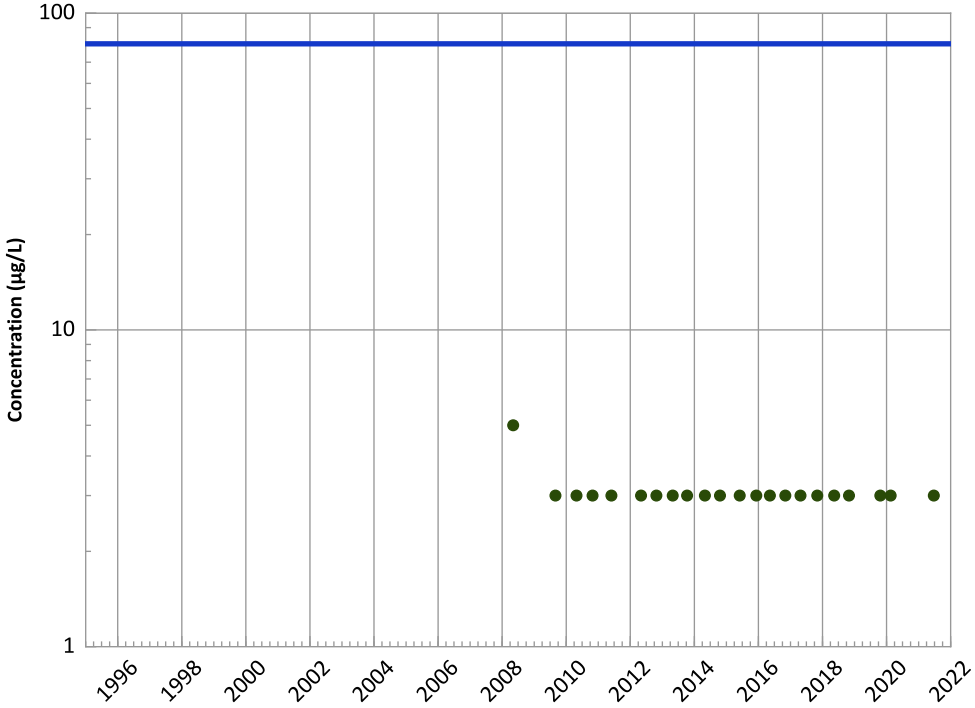


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

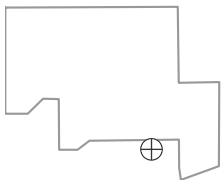
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

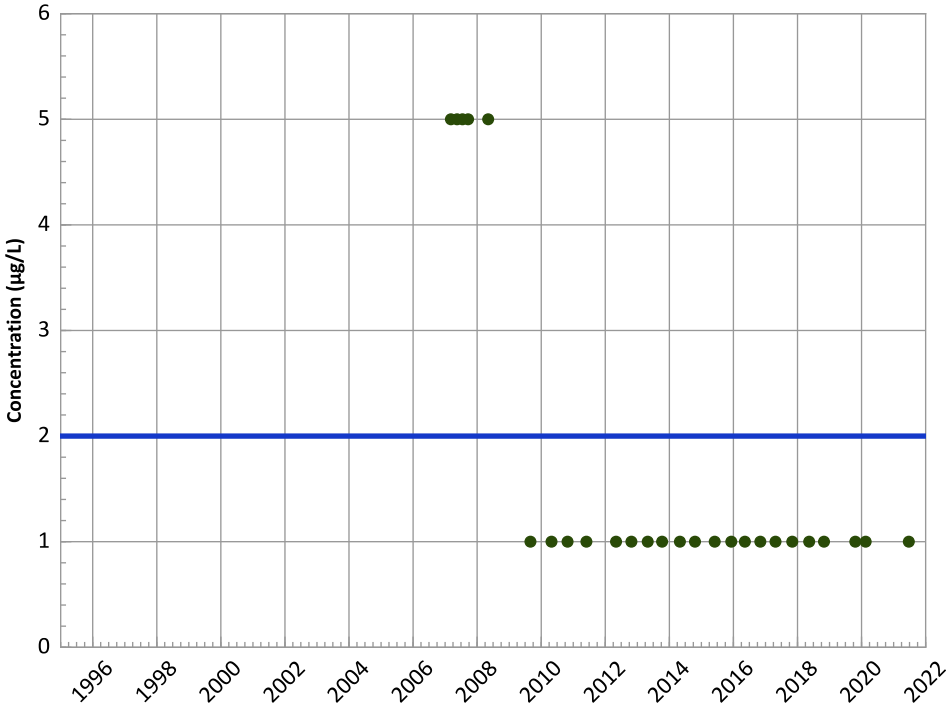
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

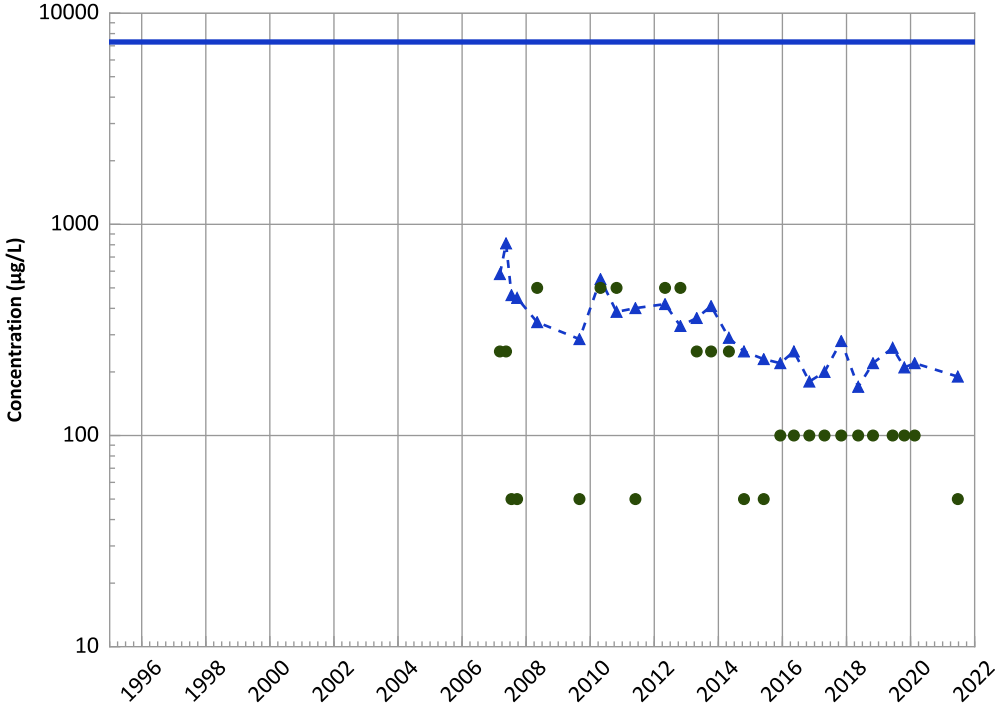


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

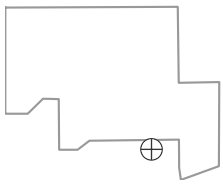
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

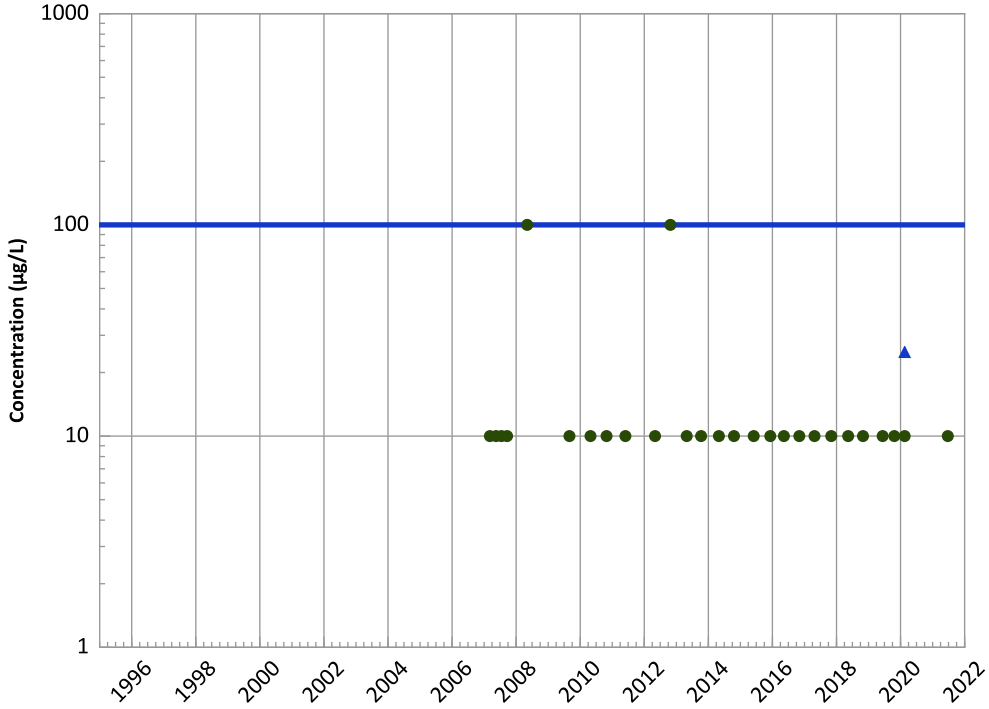
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

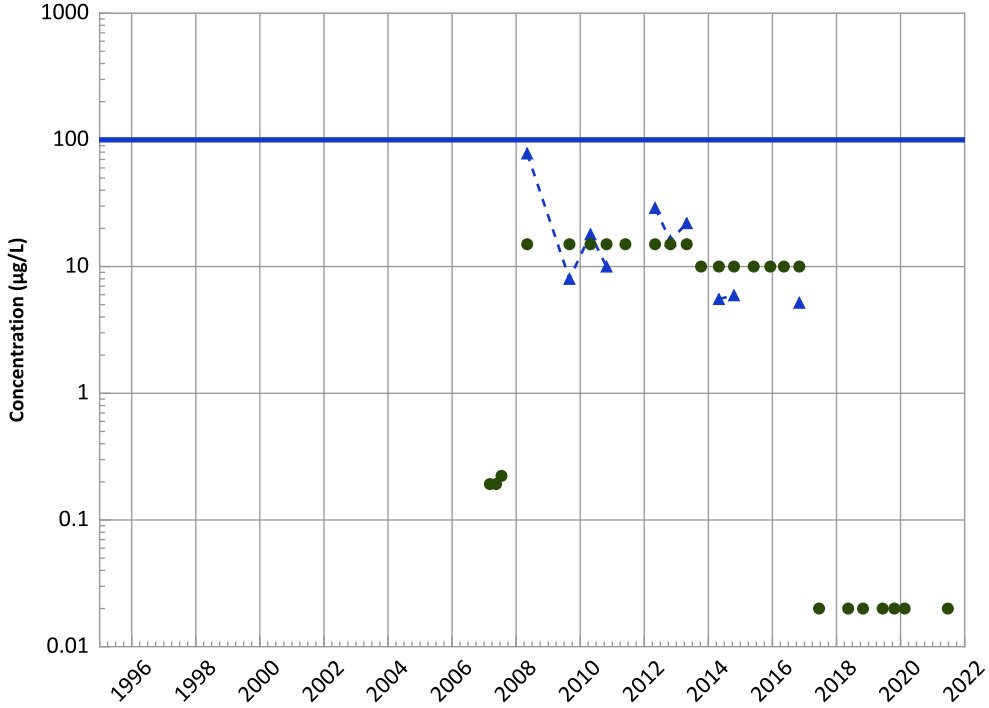


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

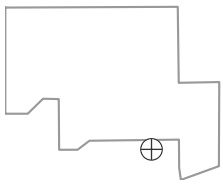
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

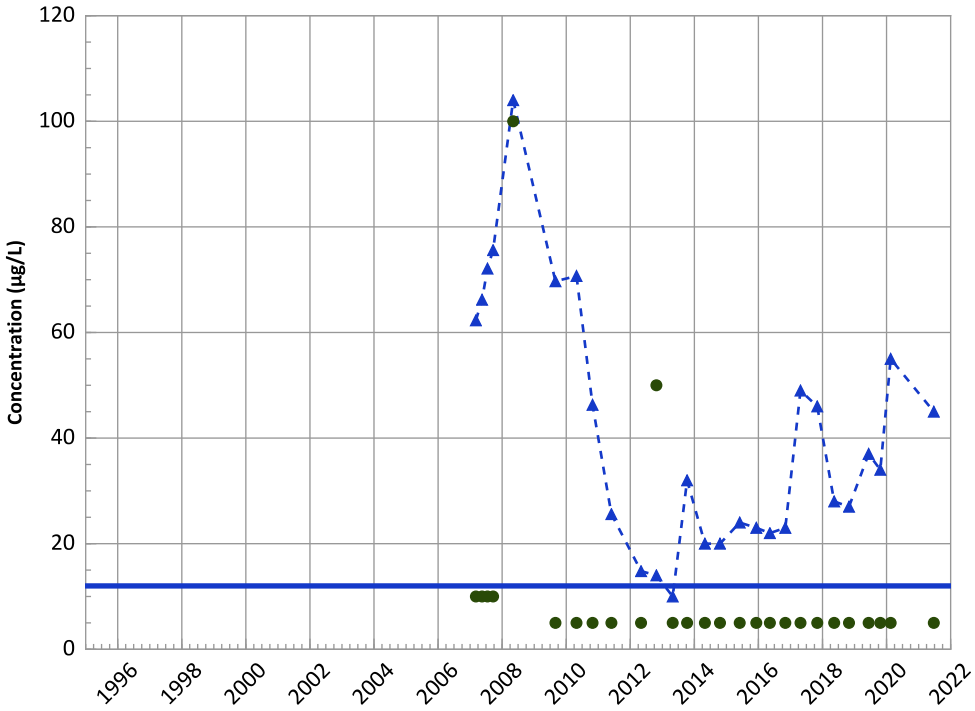
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

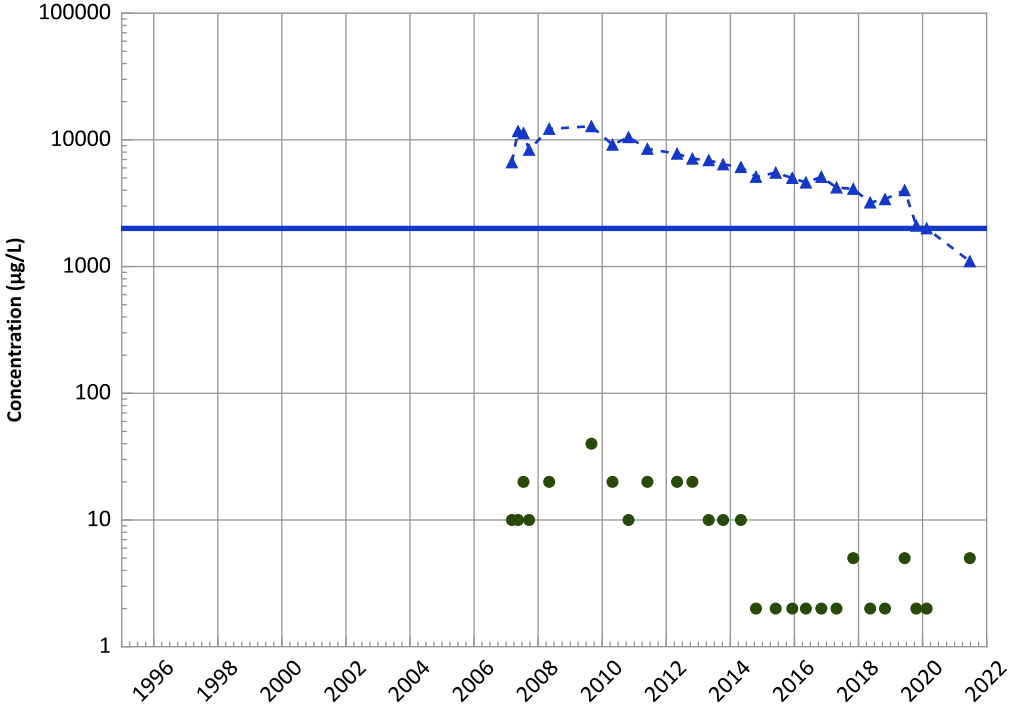


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

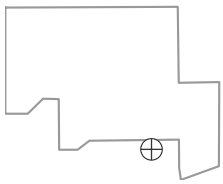
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

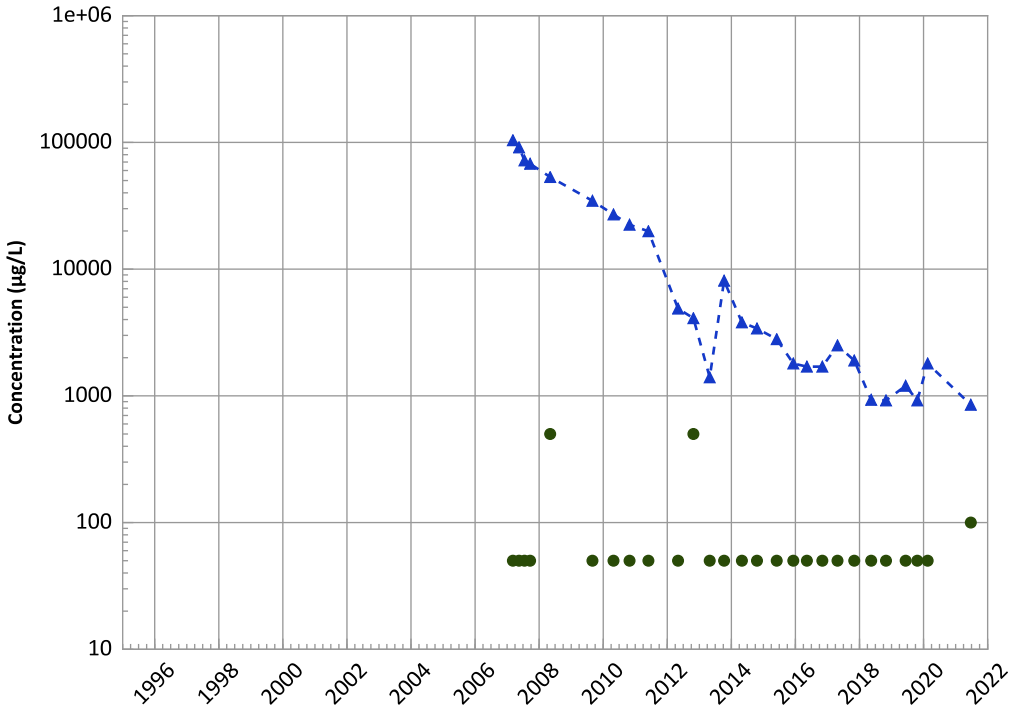
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

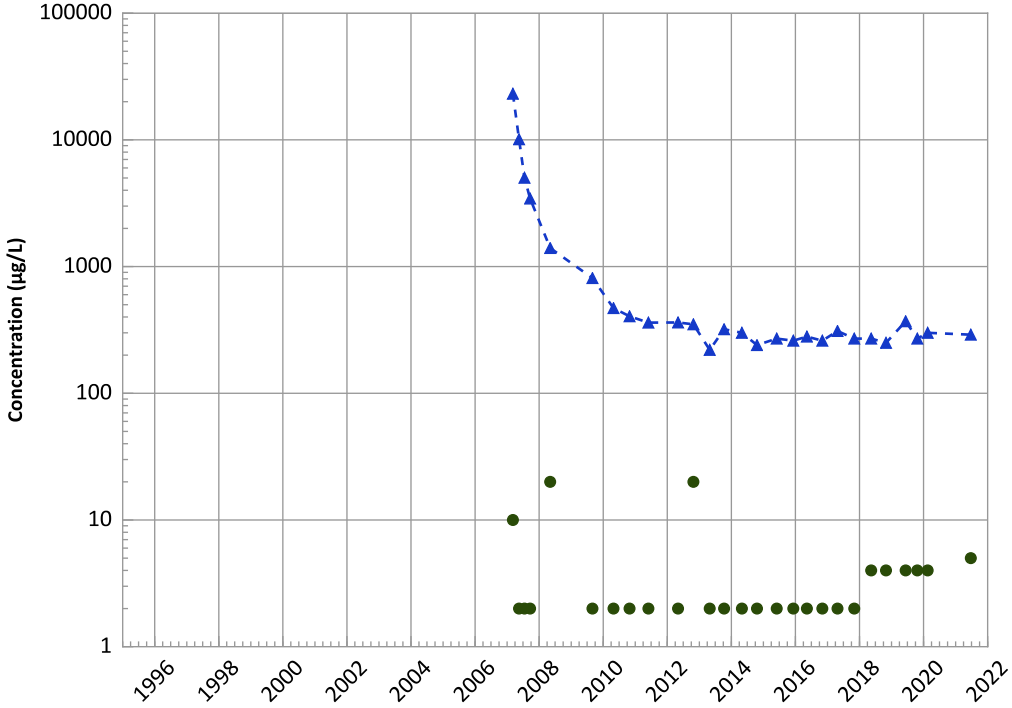


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

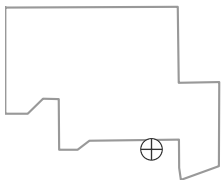
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

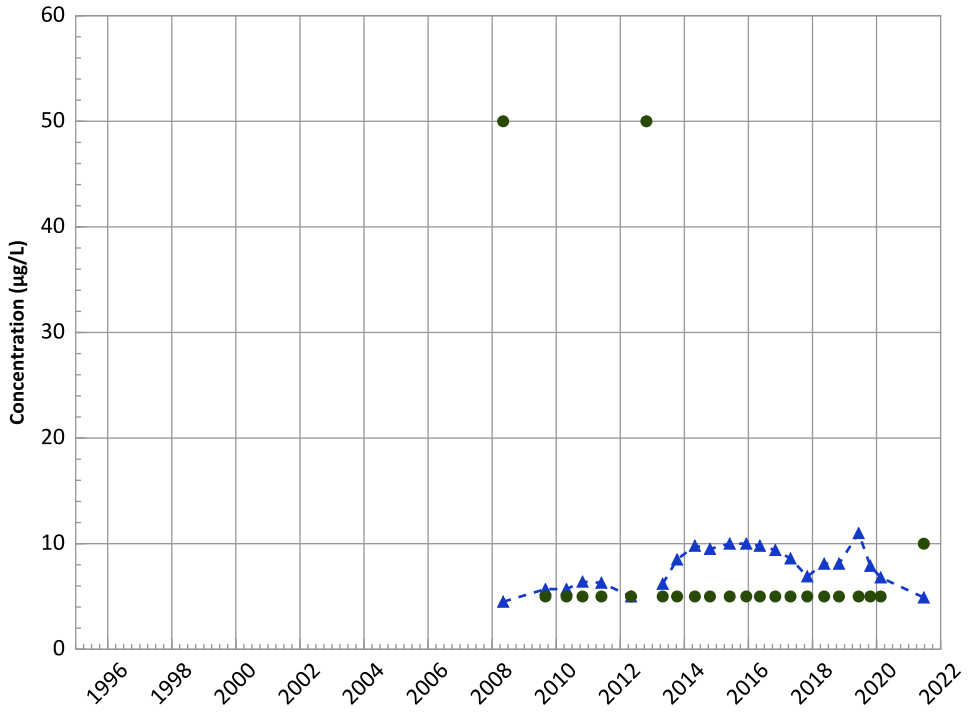
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

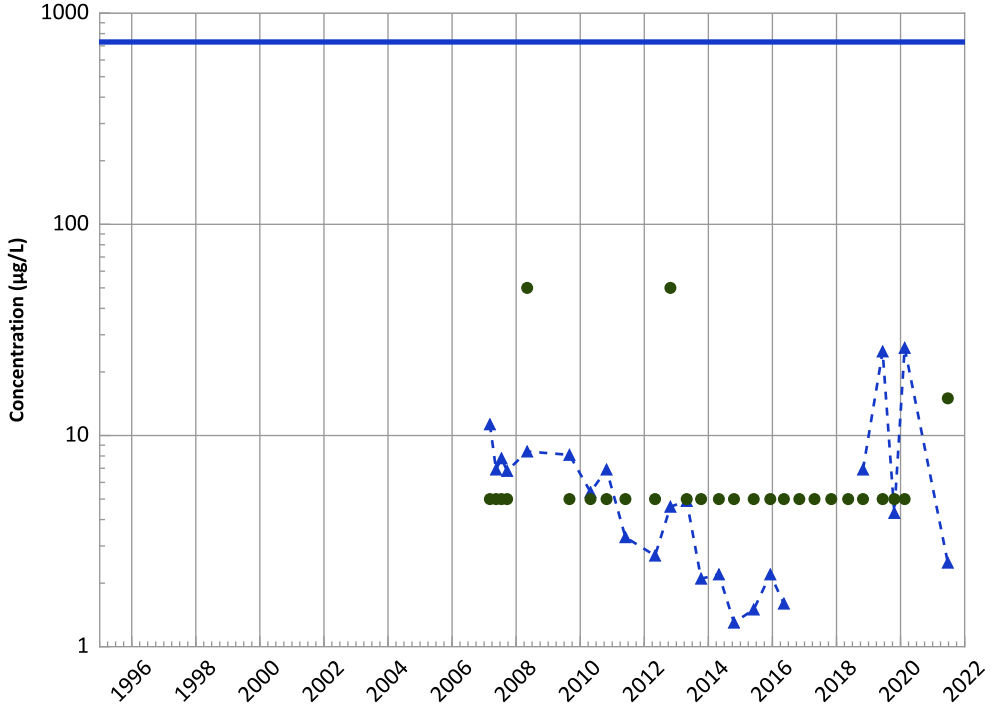


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Nickel Trend



Concentration Trend

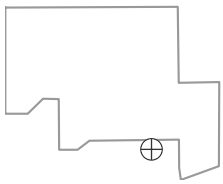
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

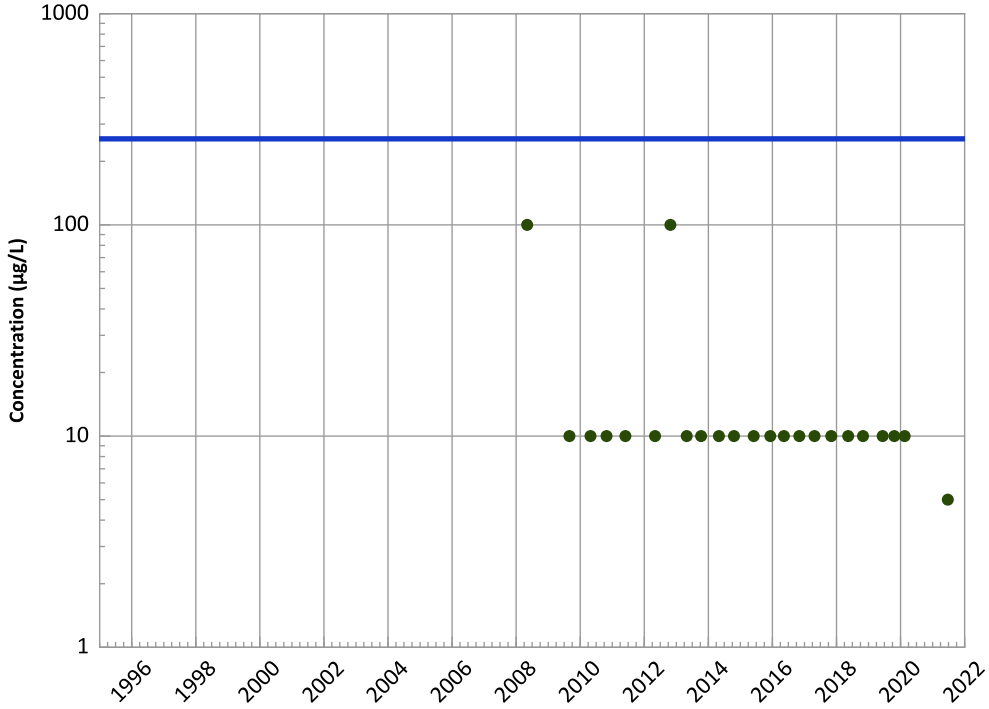
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

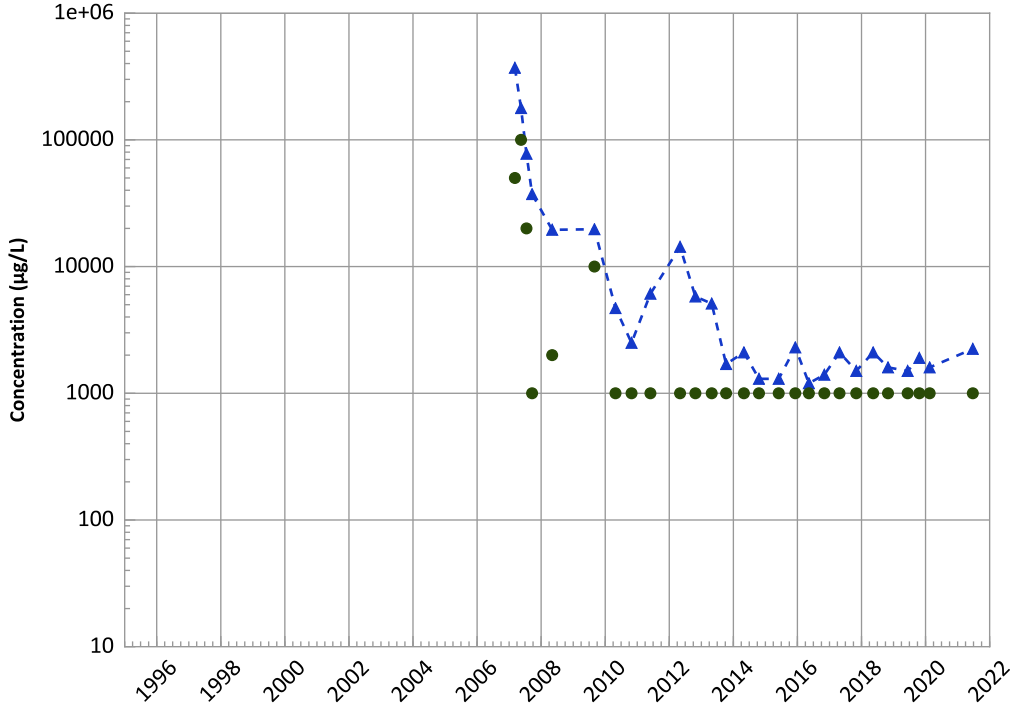


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Total Organic Carbon Trend



Concentration Trend

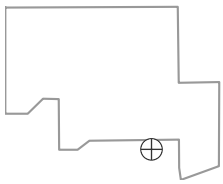
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

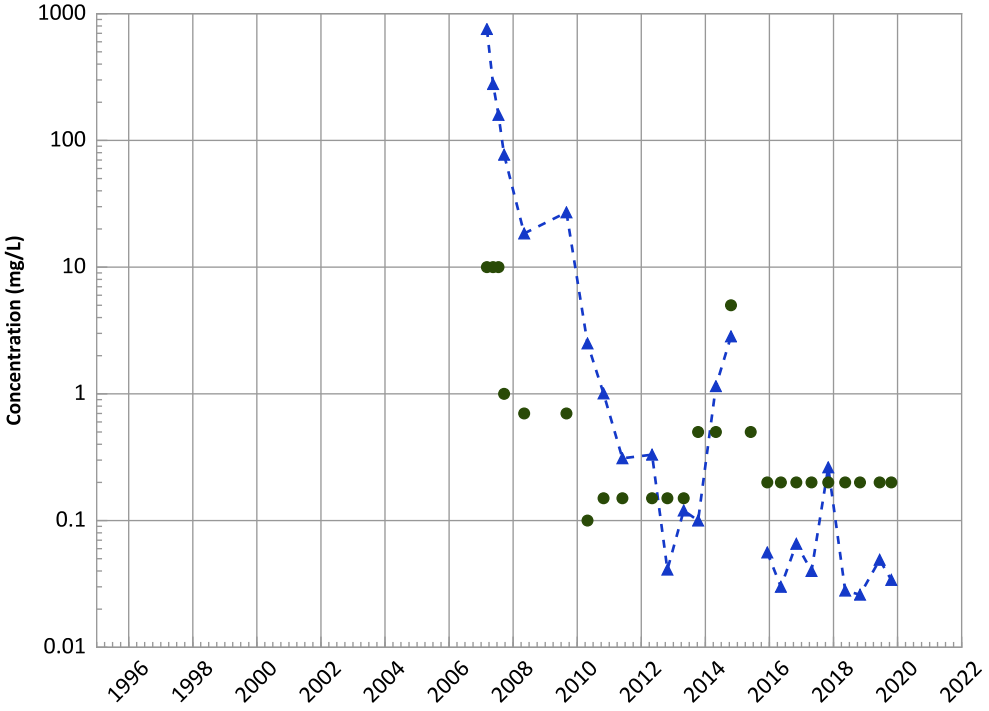
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1098 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

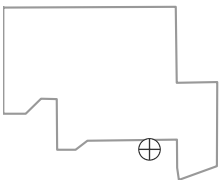
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

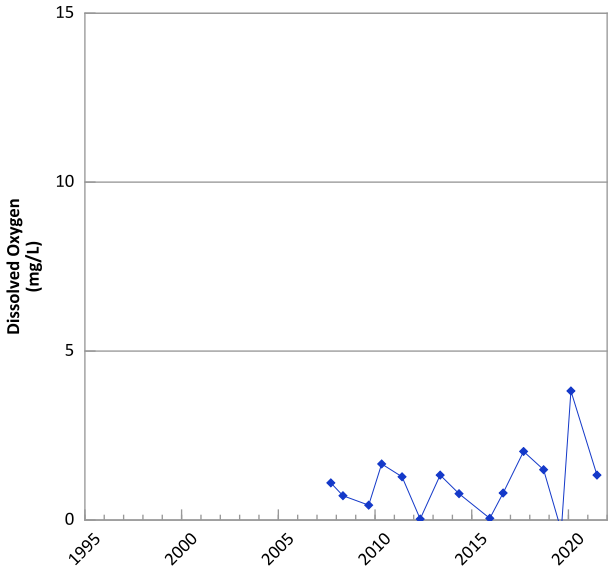
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/08/2007 to 06/23/2021
Analysis Date: 05/02/2022

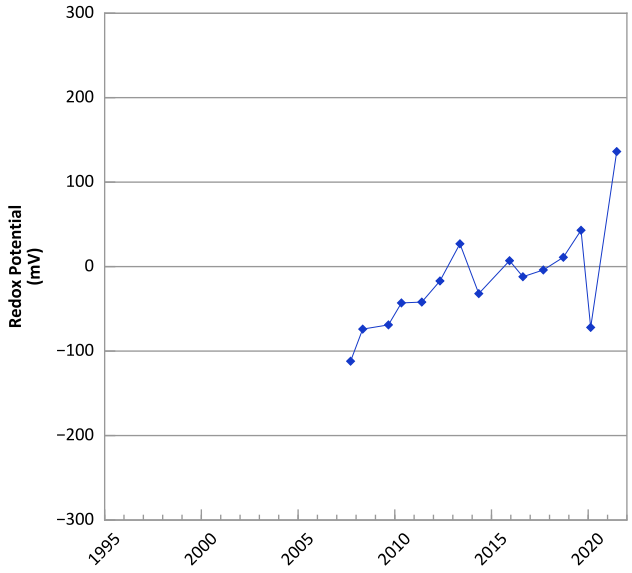
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

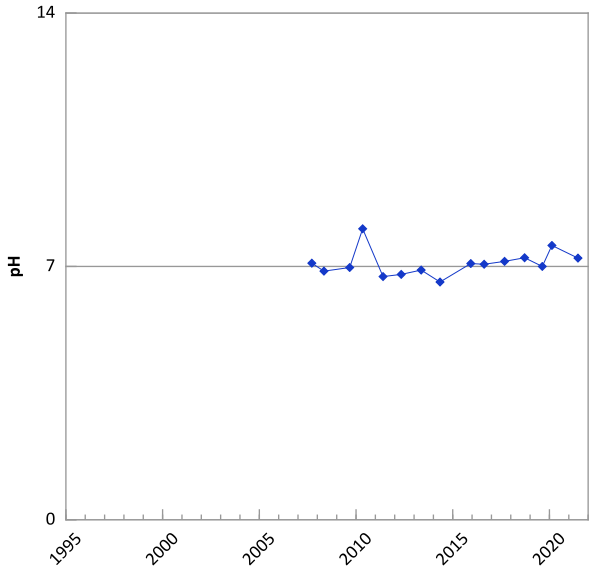
Well Location

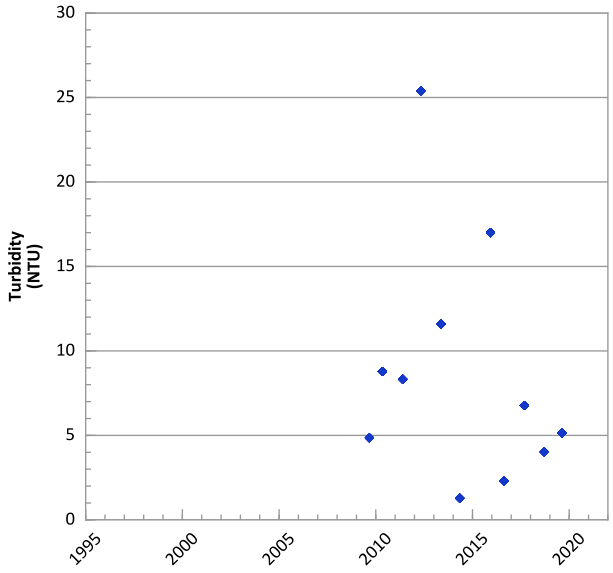


PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



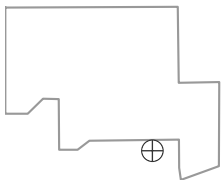






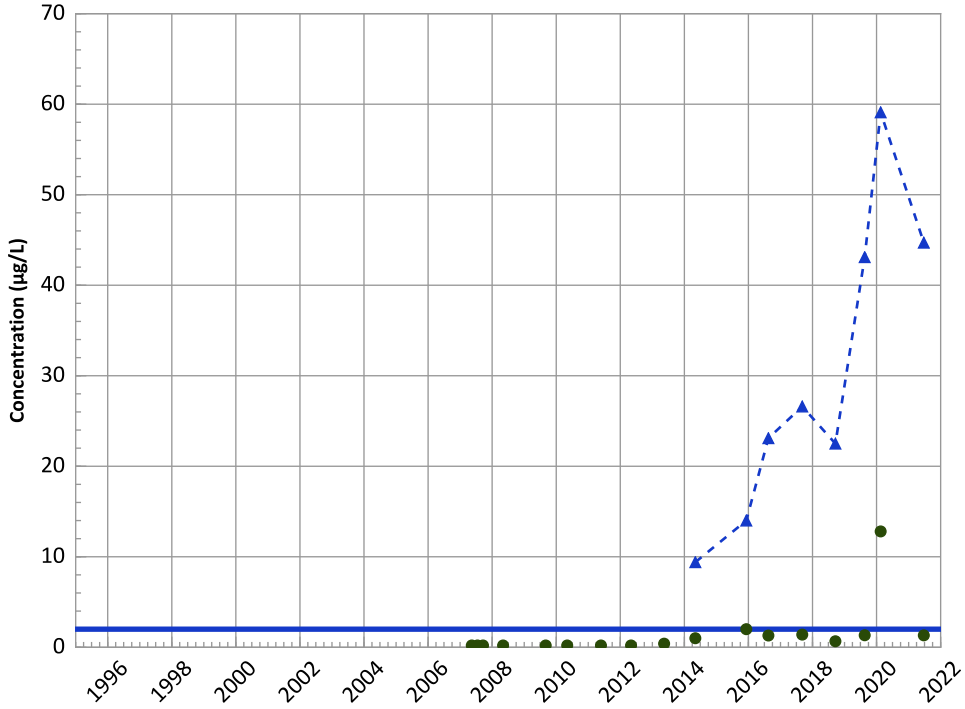
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

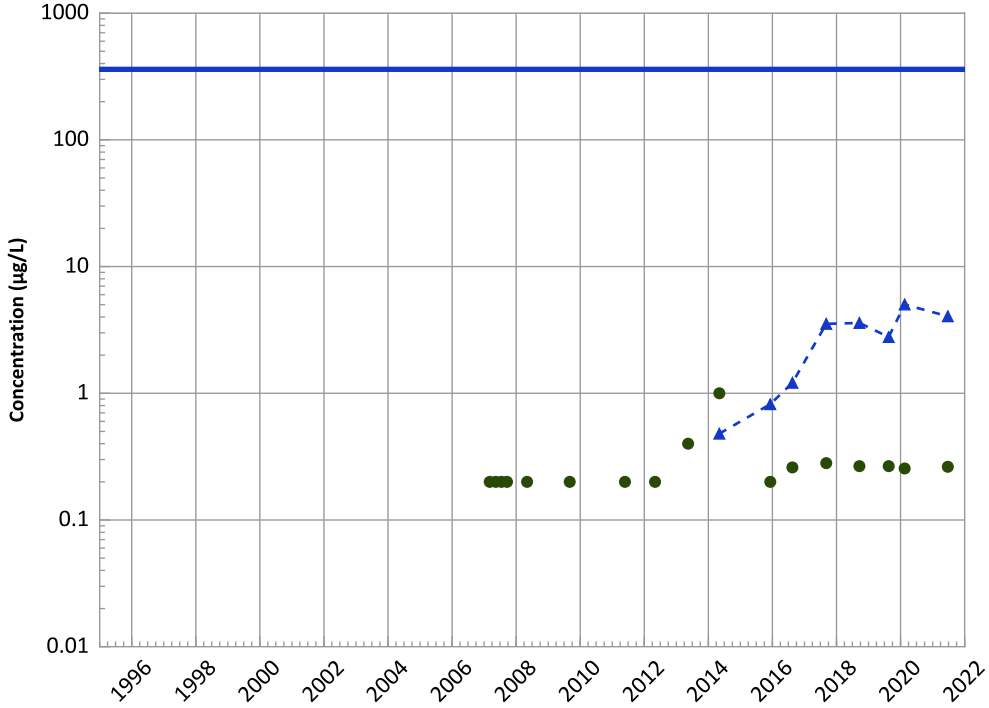


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

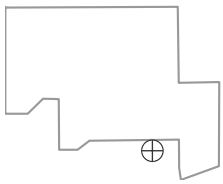
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

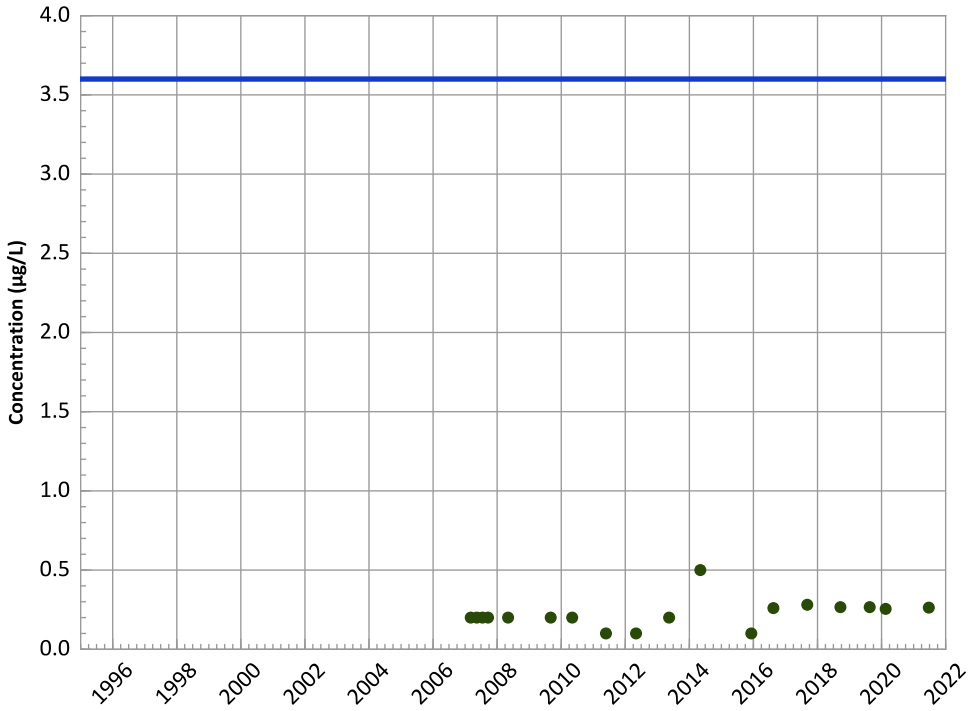
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

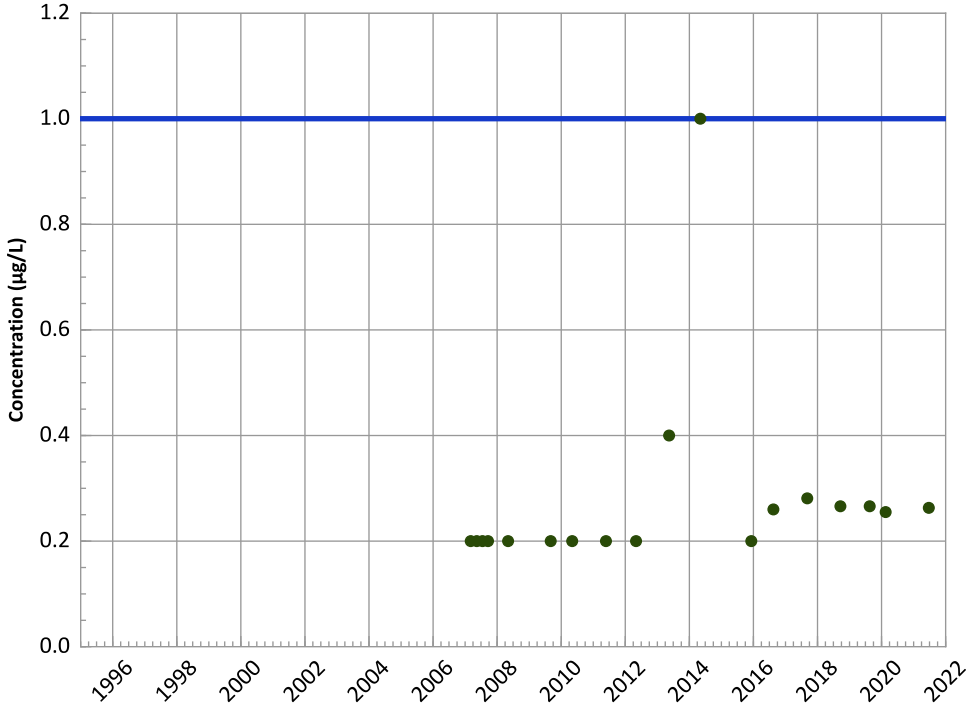


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

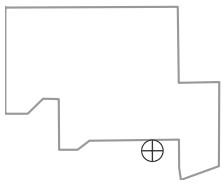
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

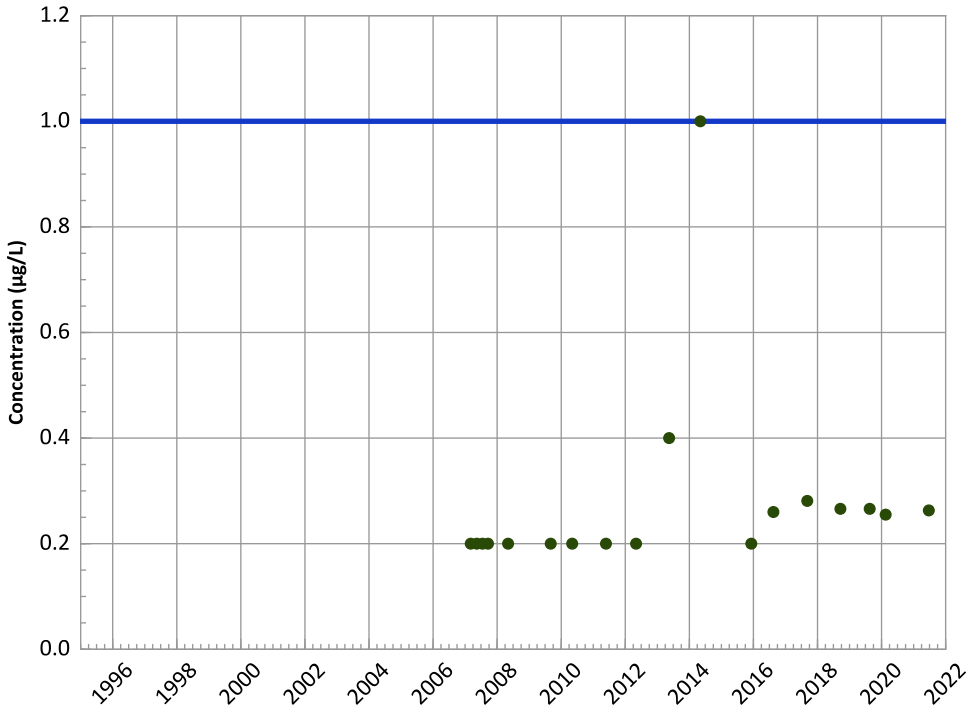
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

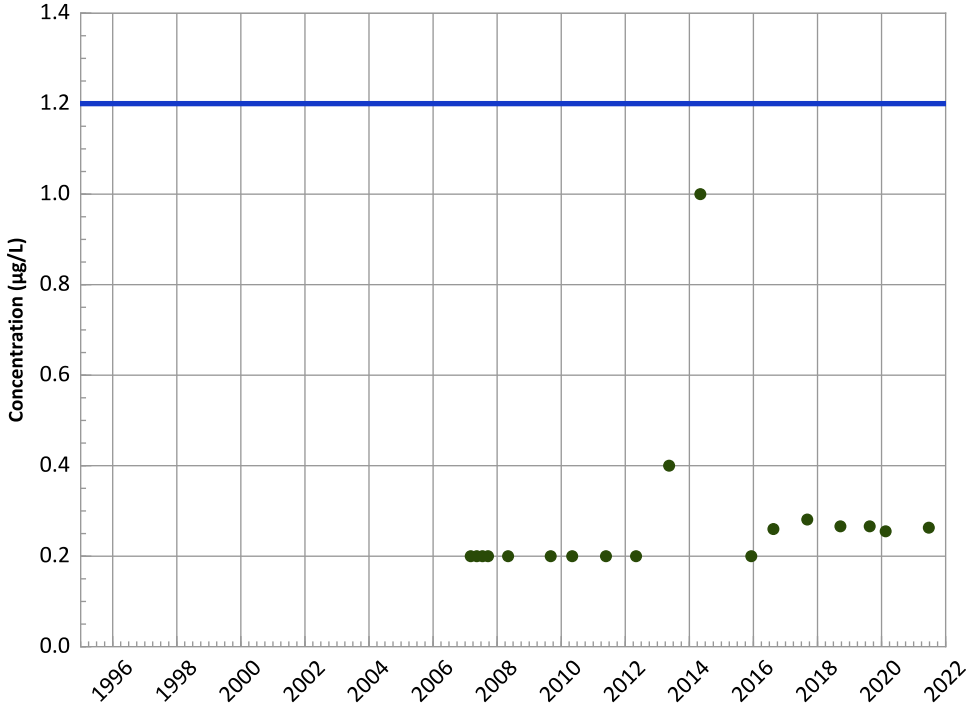


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

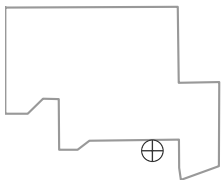


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

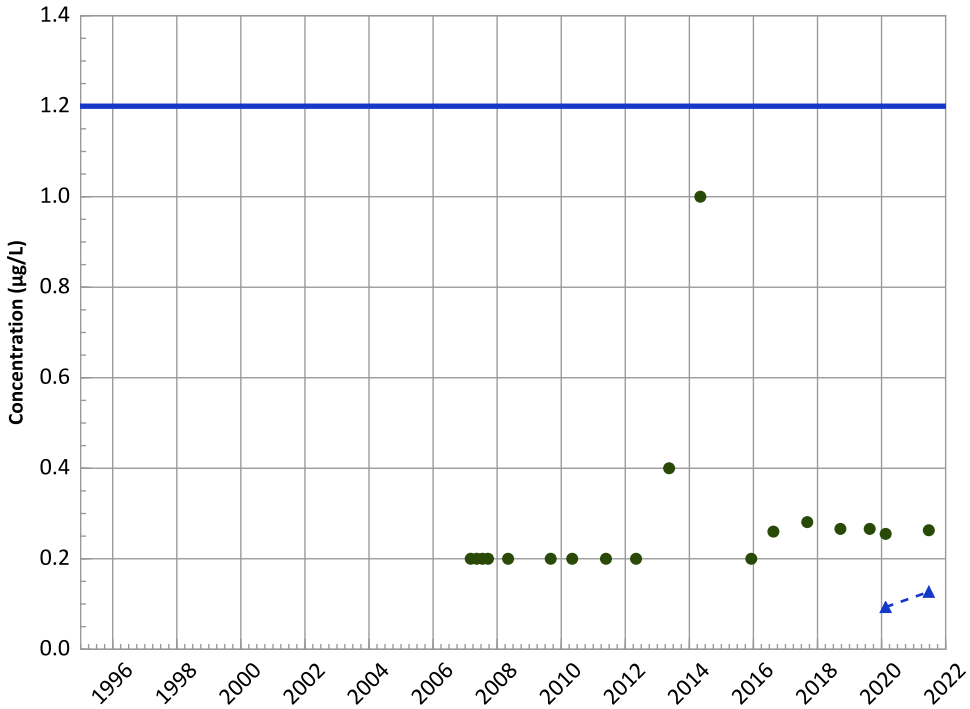


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

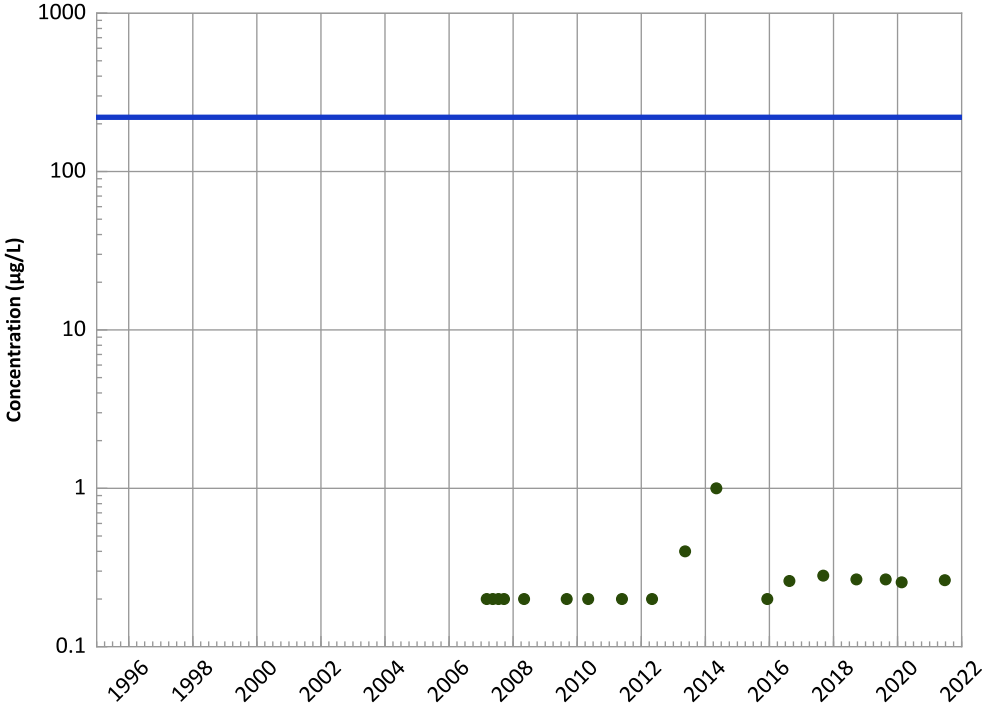


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

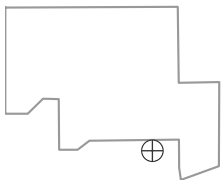
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

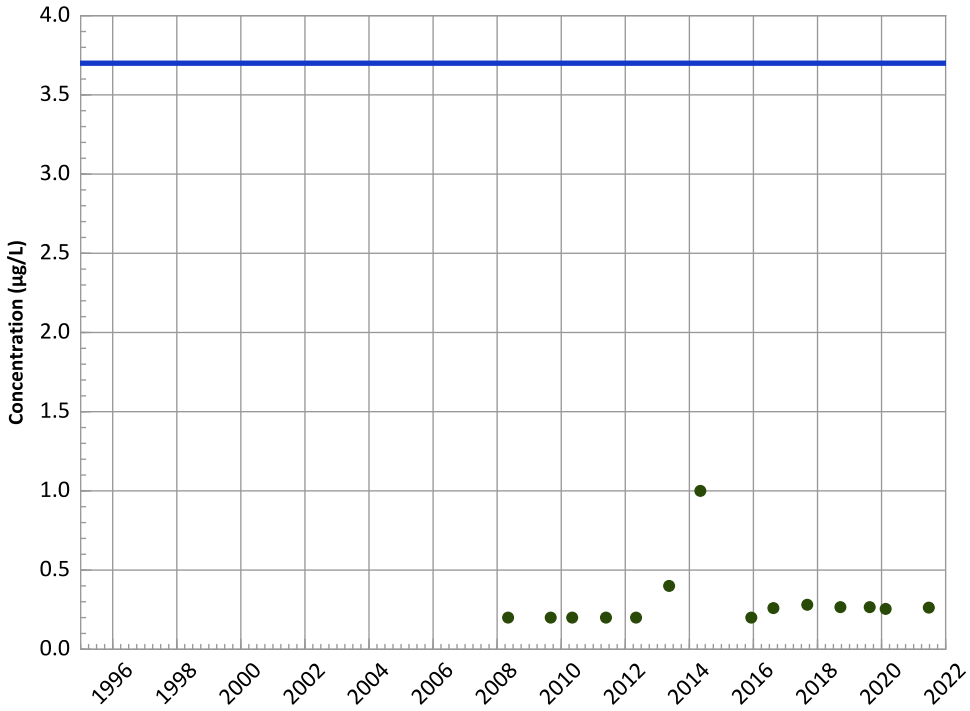
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

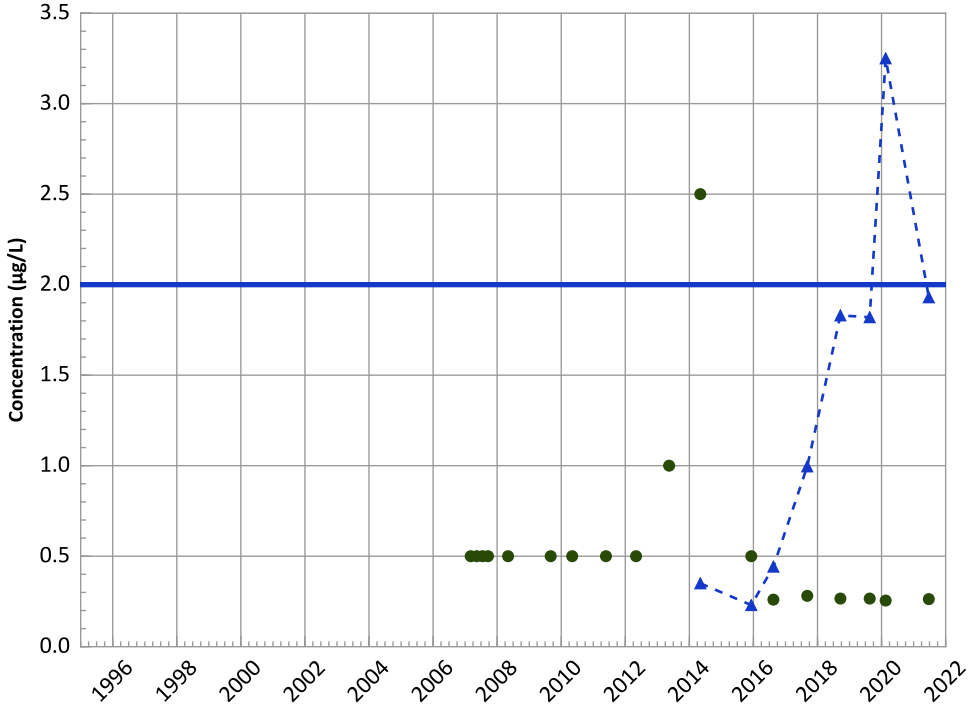


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

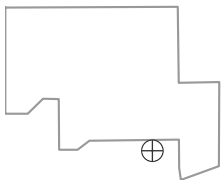
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

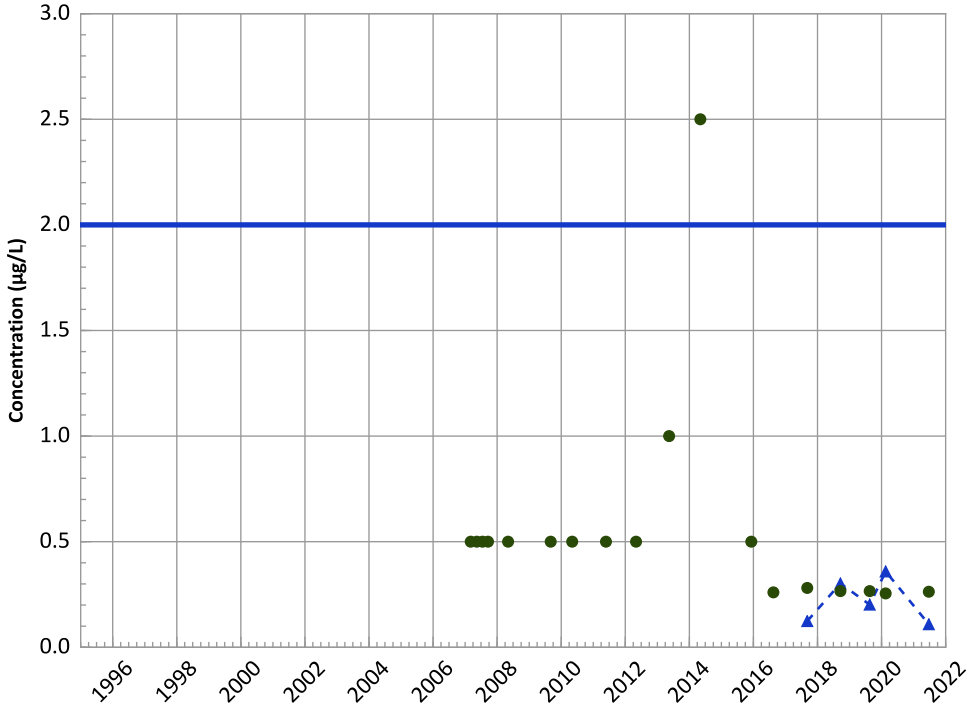
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

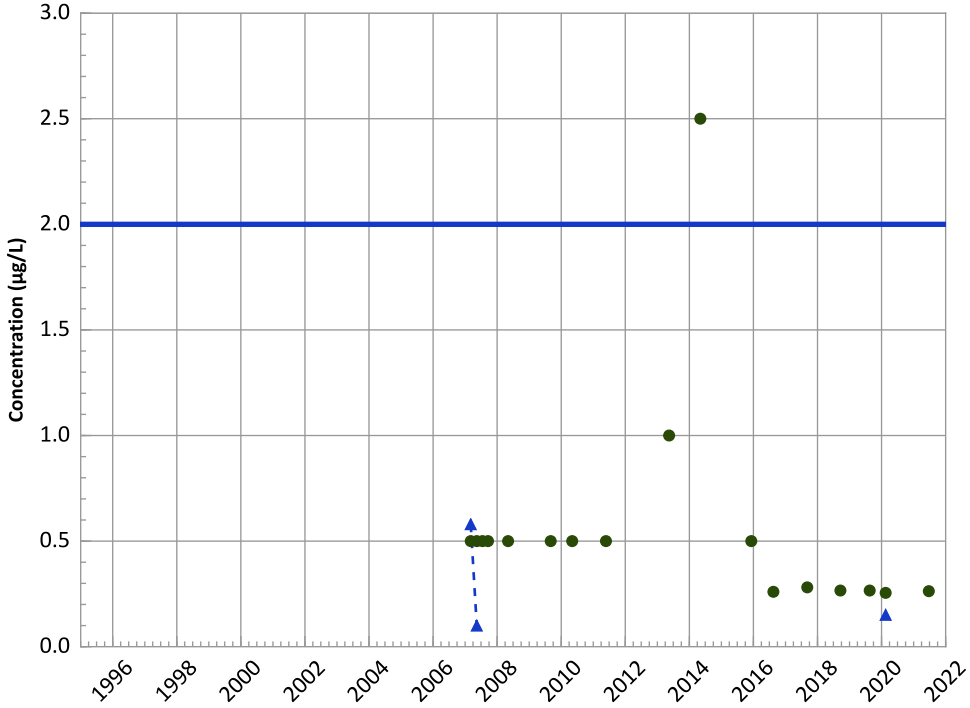


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

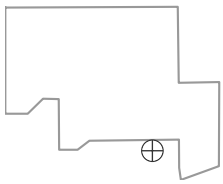
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

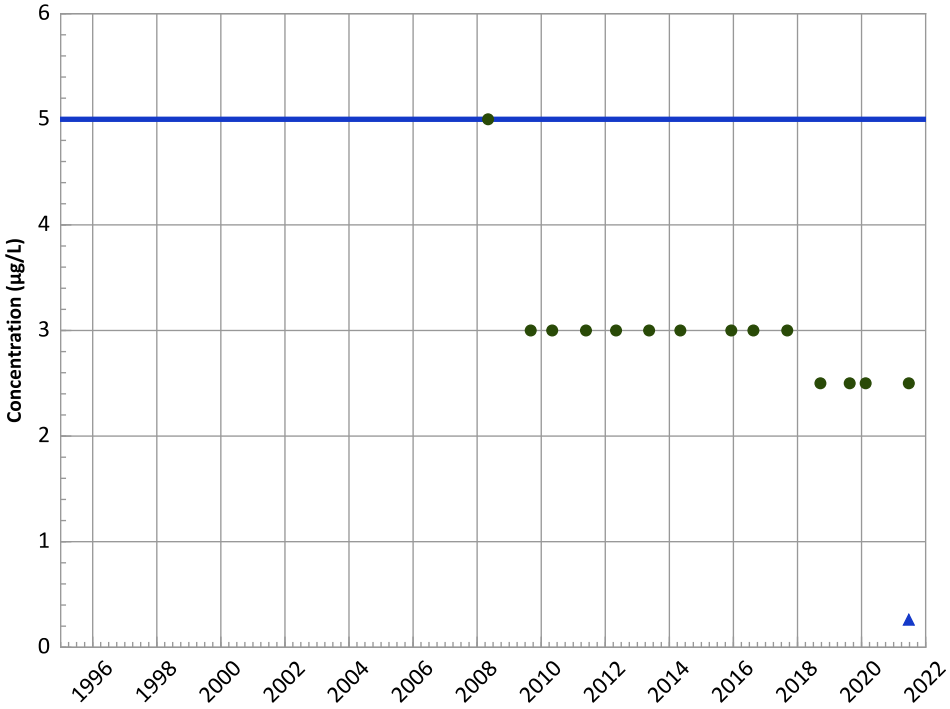
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

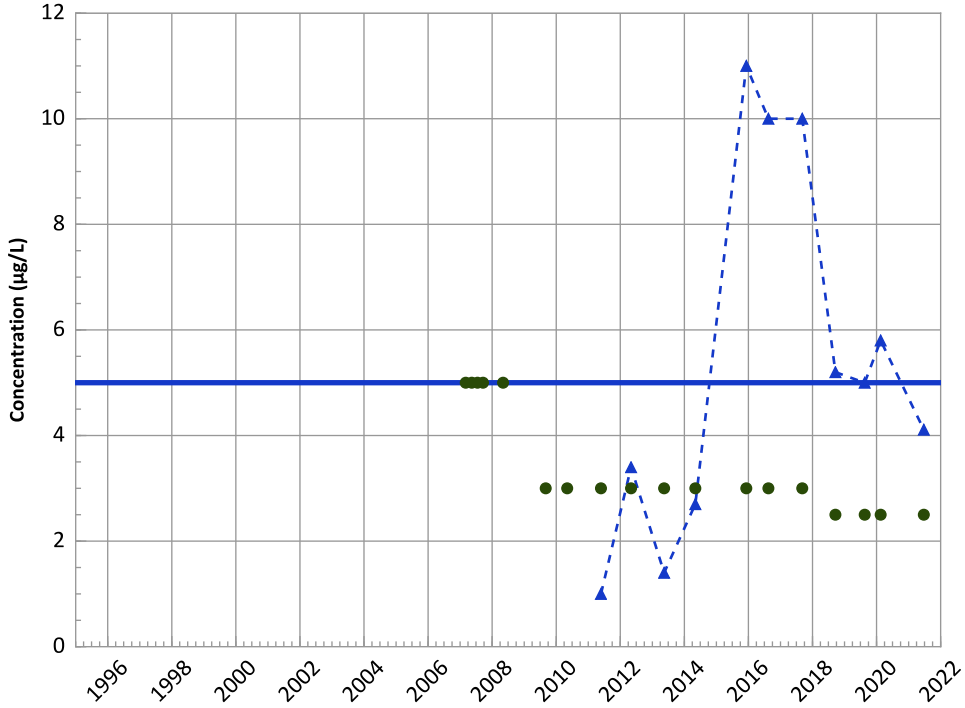


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

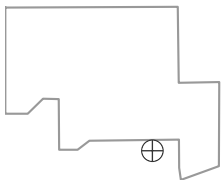
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

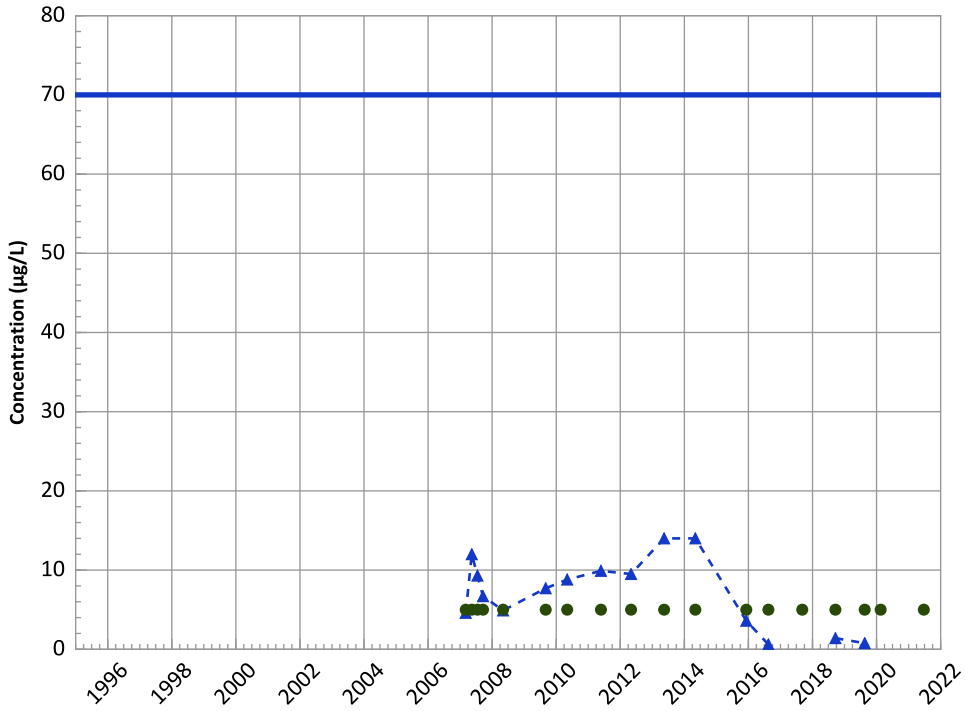
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

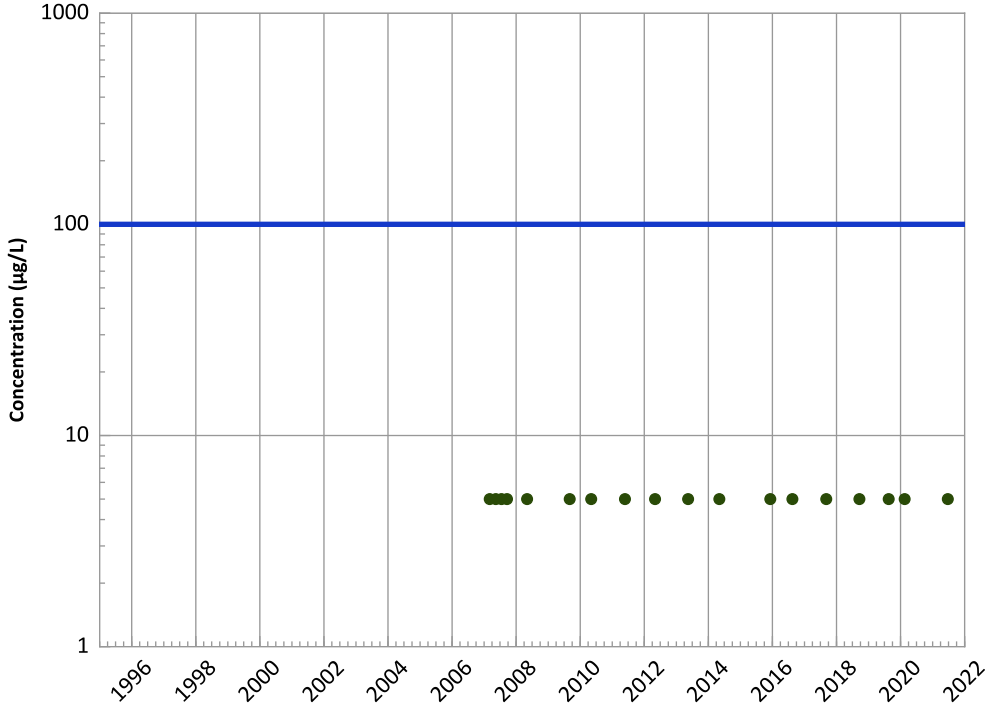


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

trans-1,2-Dichloroethene Trend



Concentration Trend

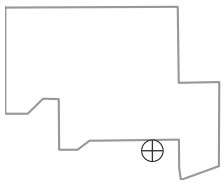
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

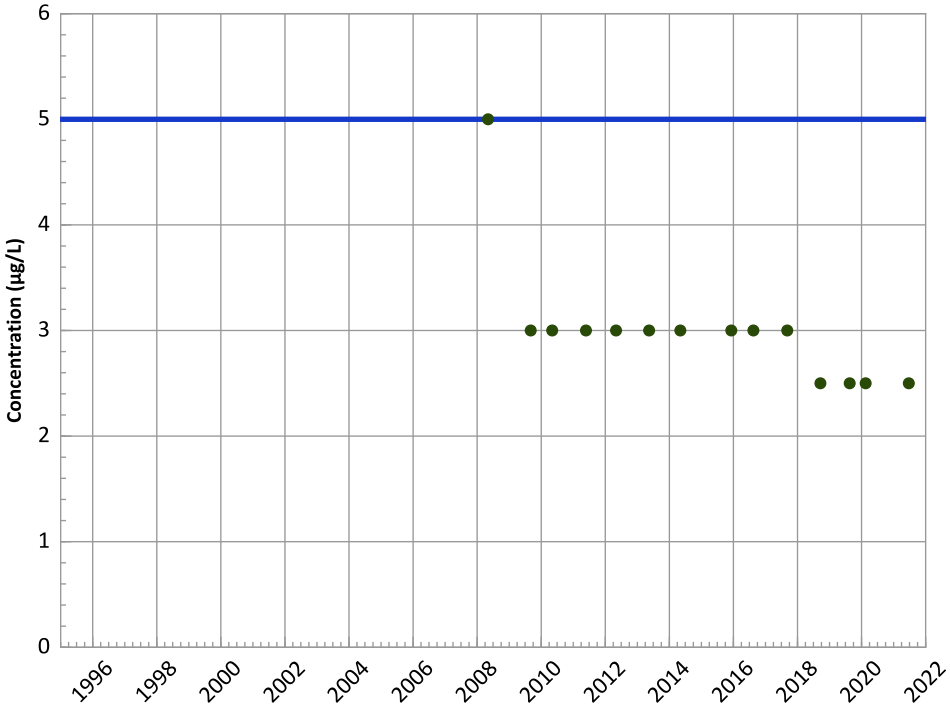
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

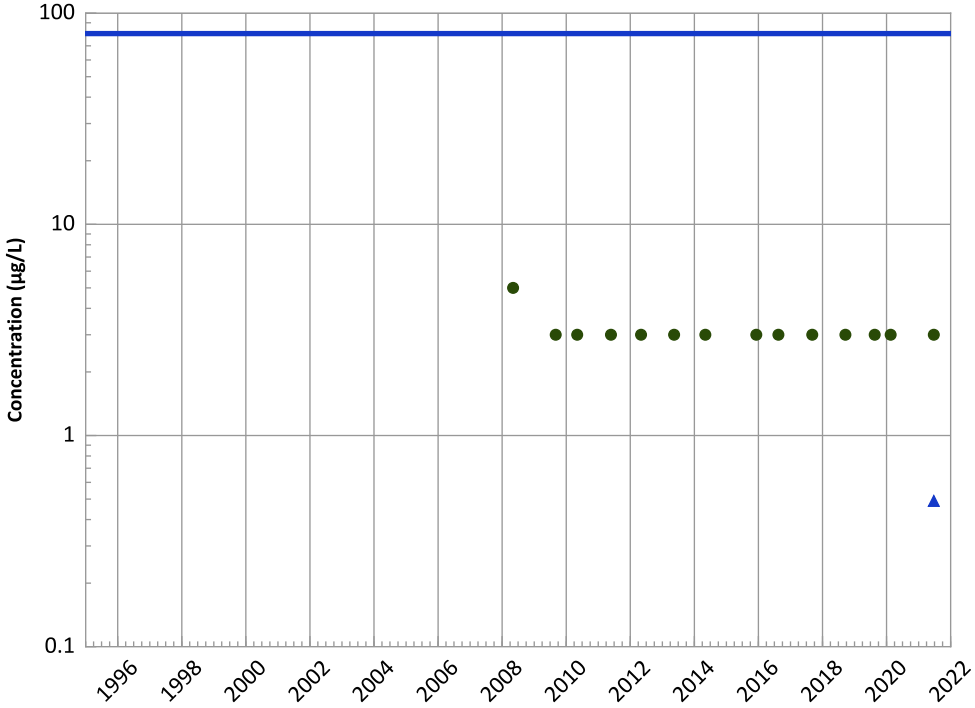


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

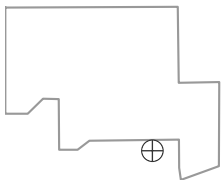
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

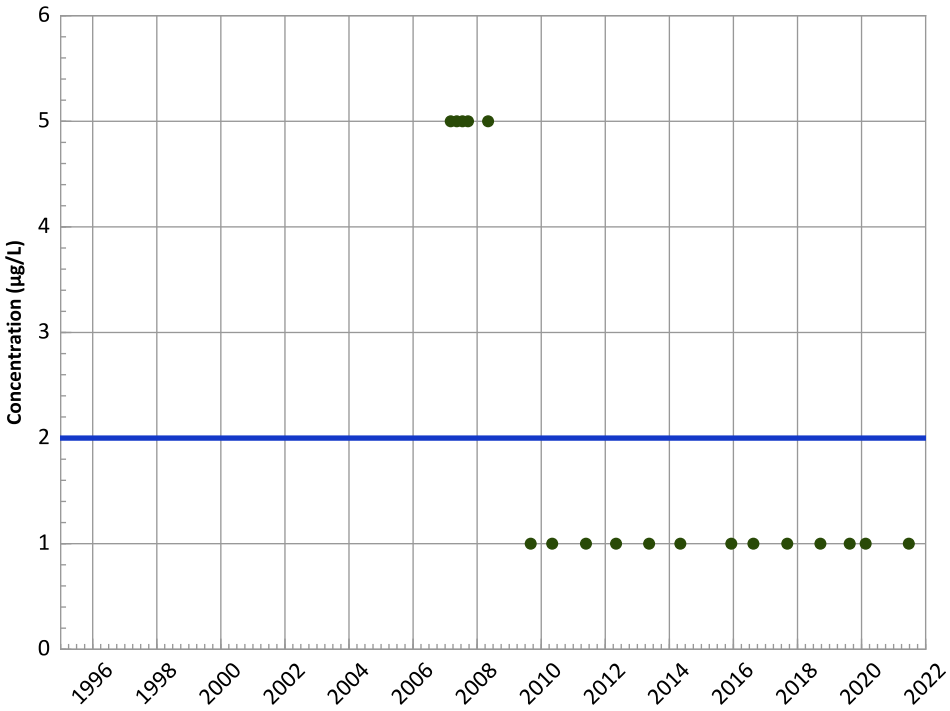
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

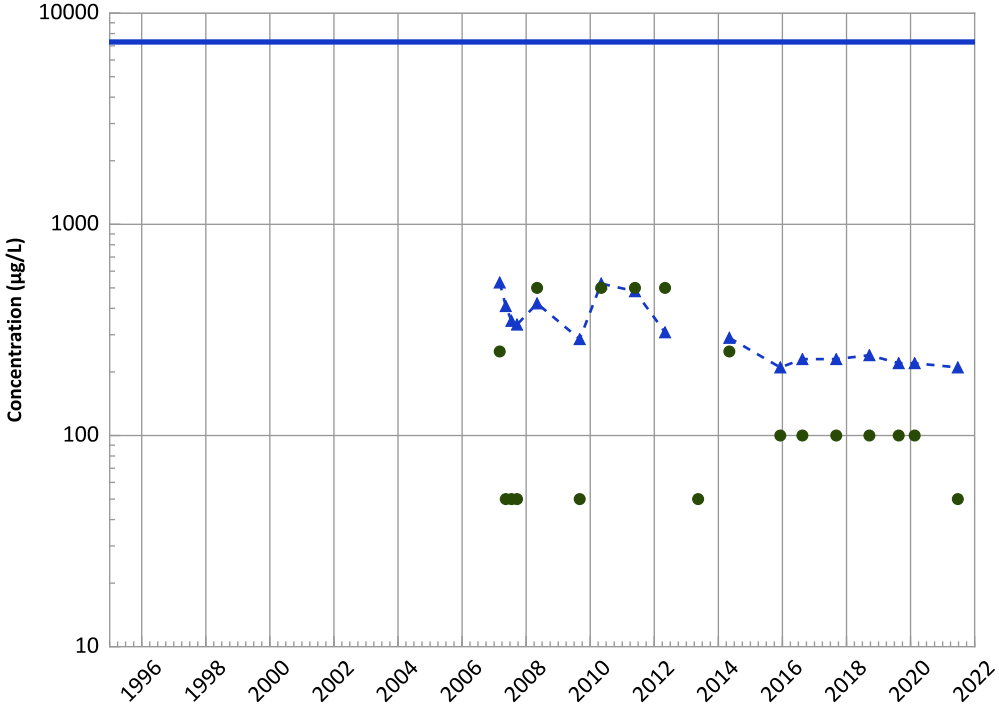


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

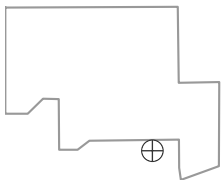
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

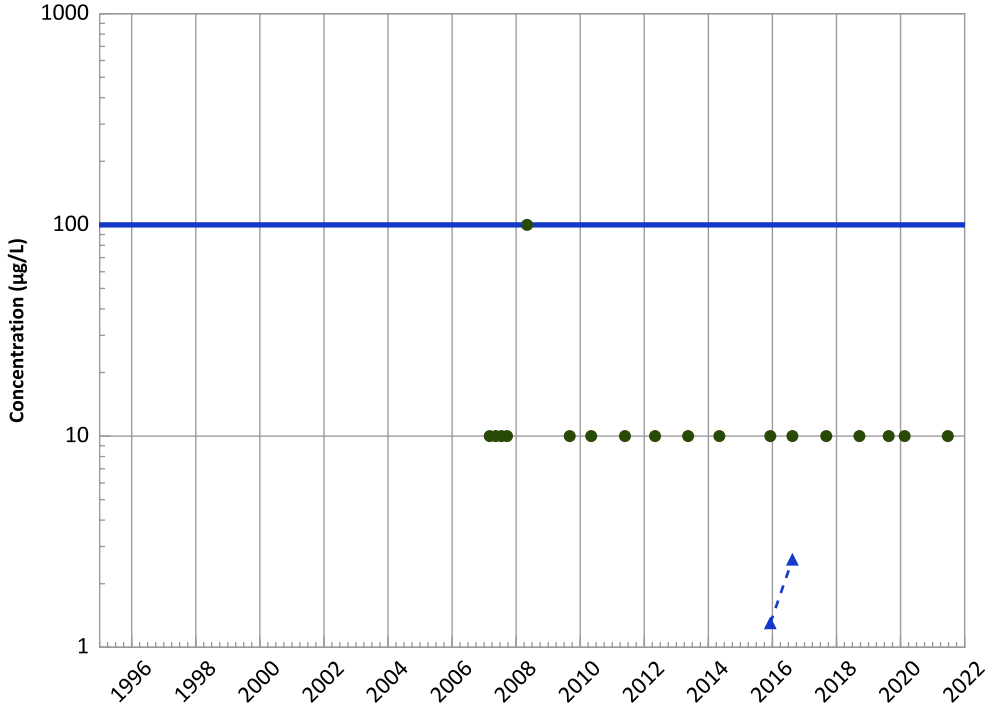
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

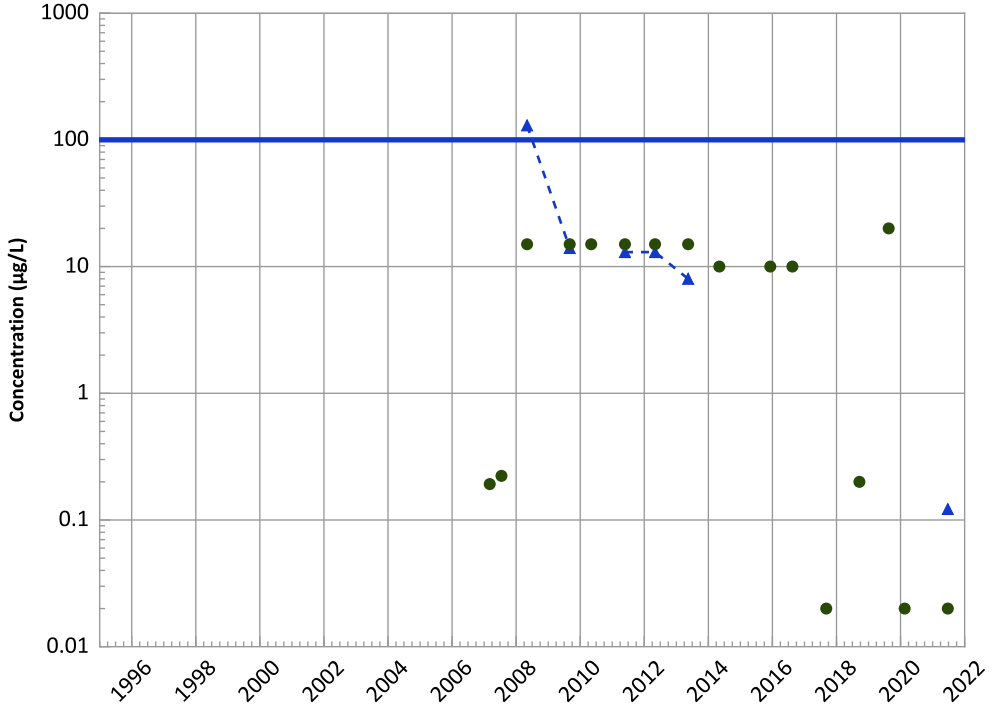


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

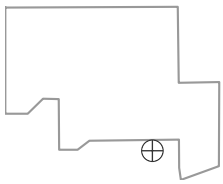
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

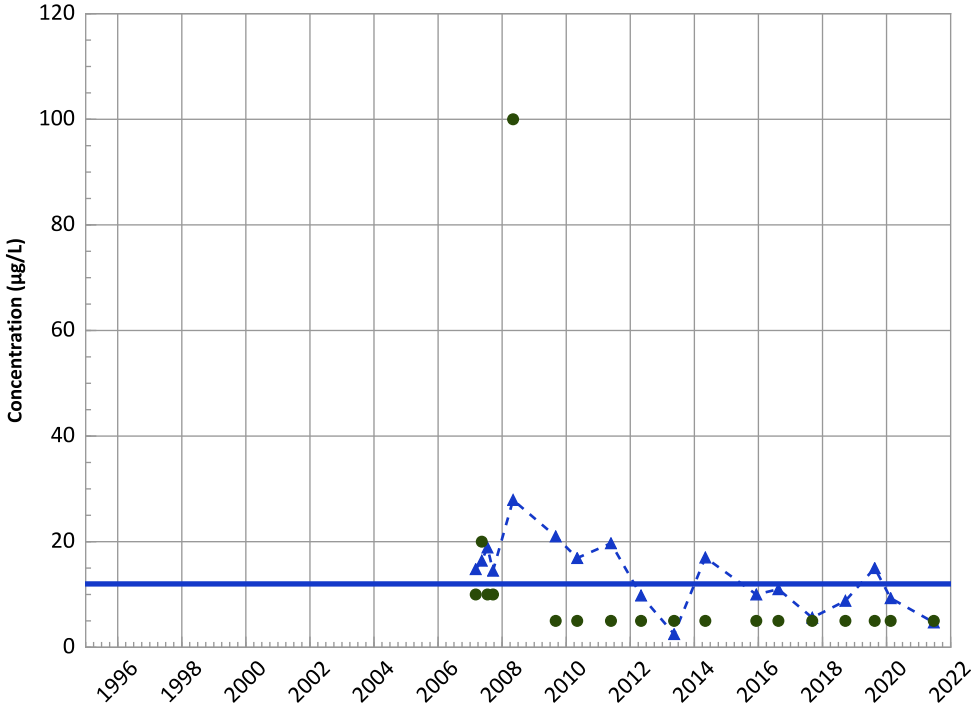
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

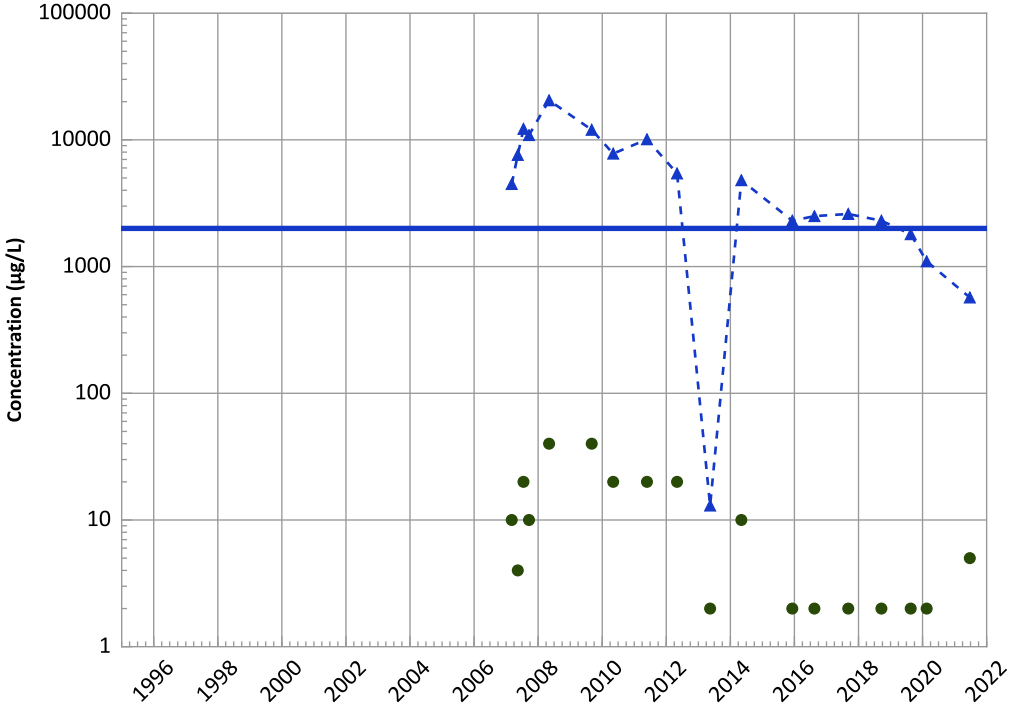


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

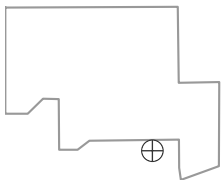
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

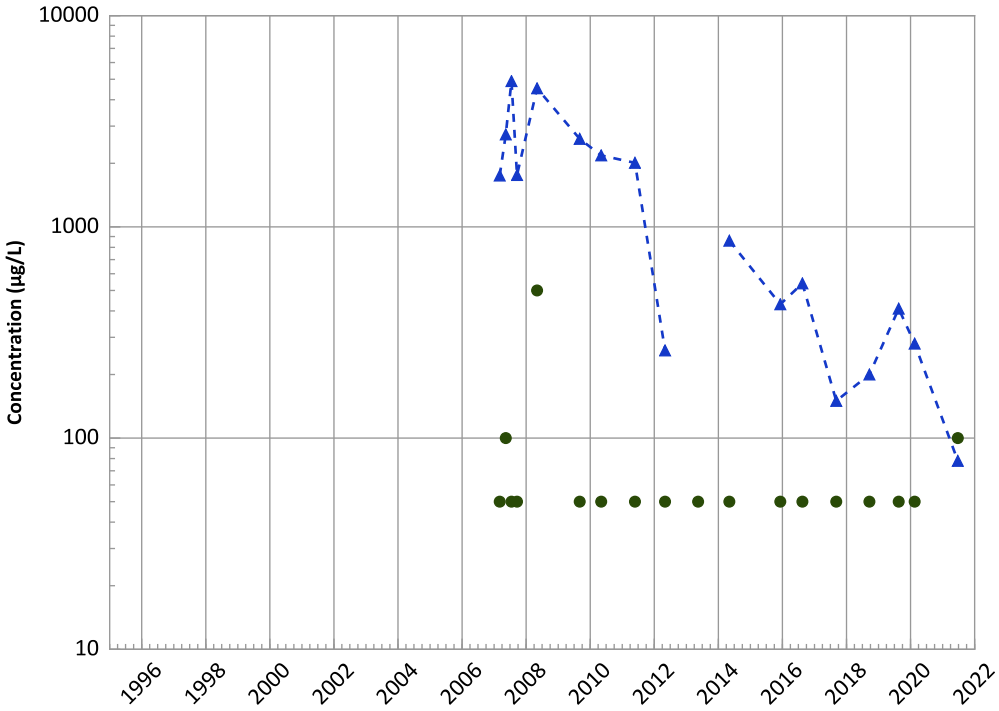
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

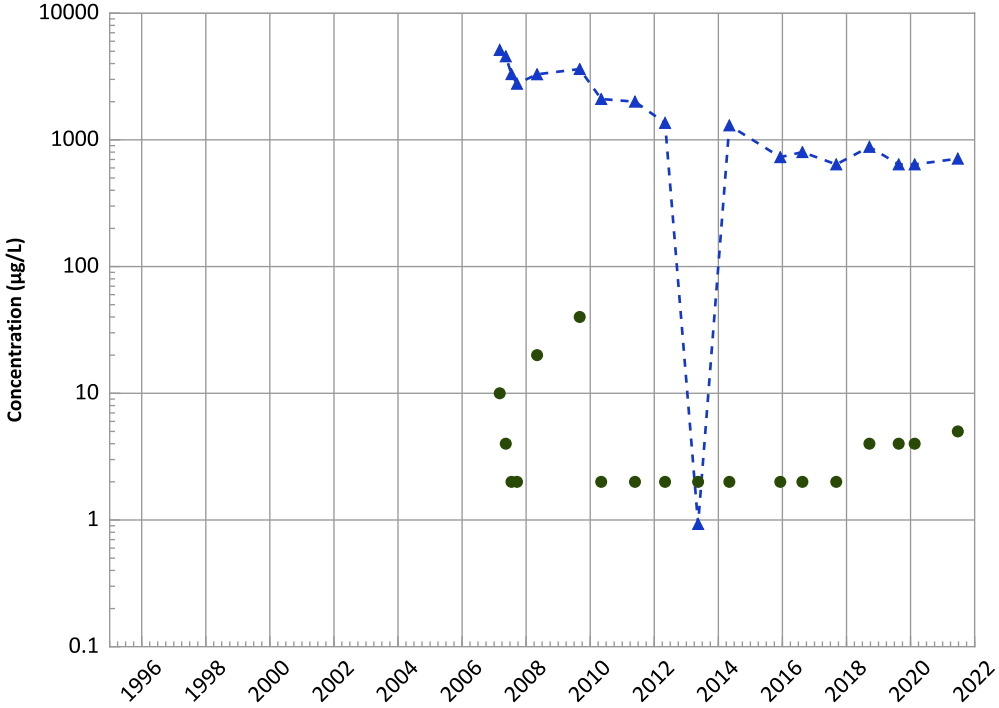


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

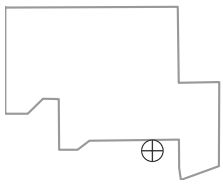
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

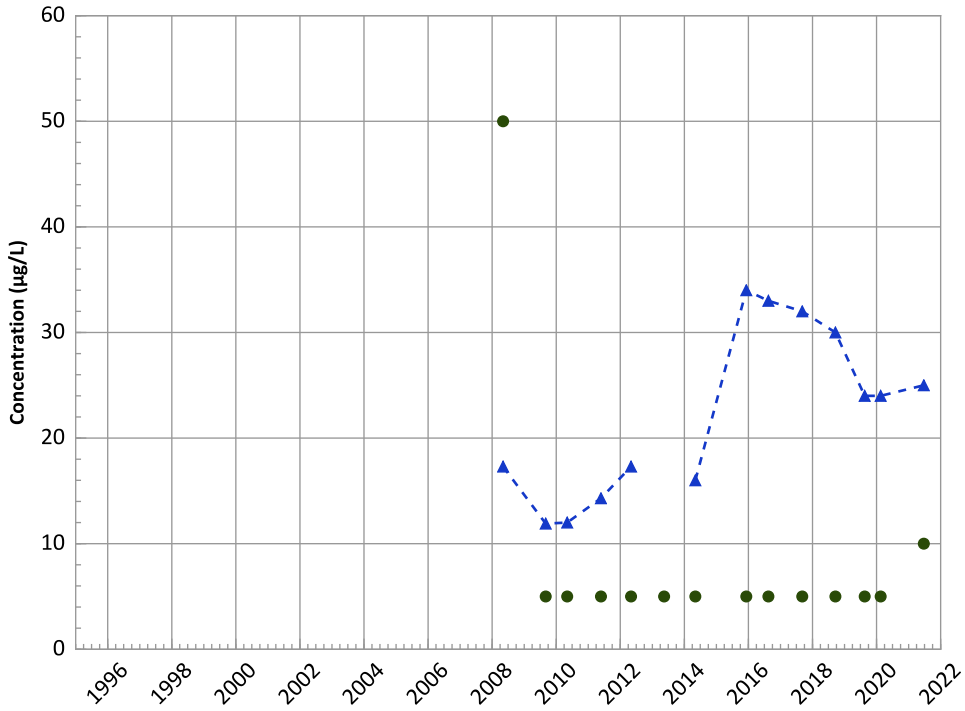
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

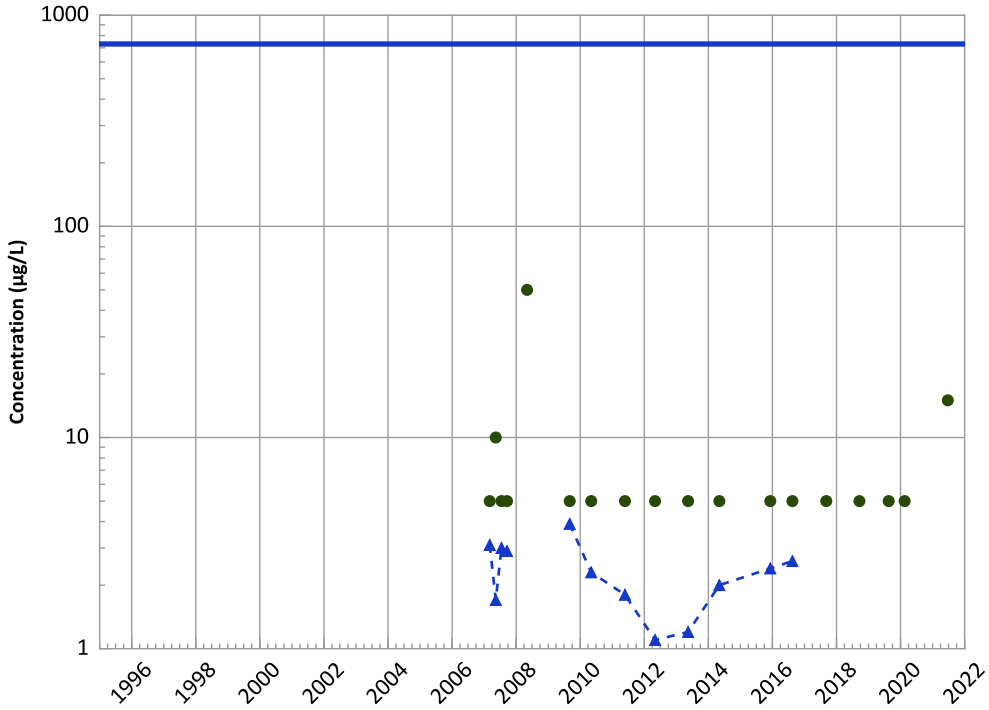


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Nickel Trend



Concentration Trend

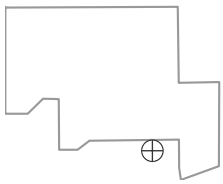
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

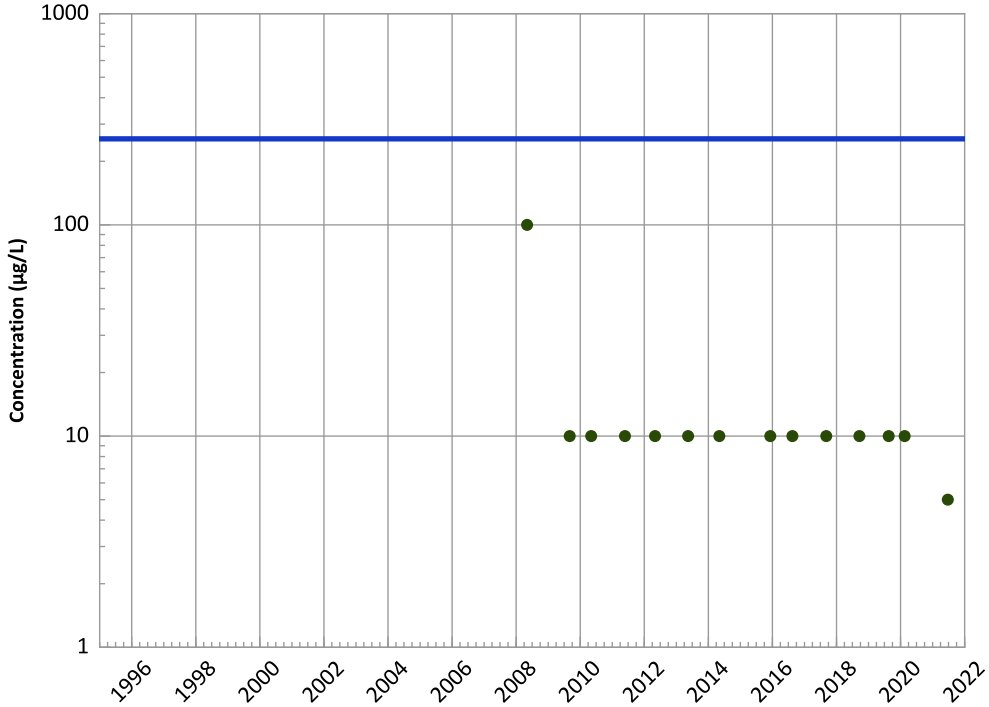
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

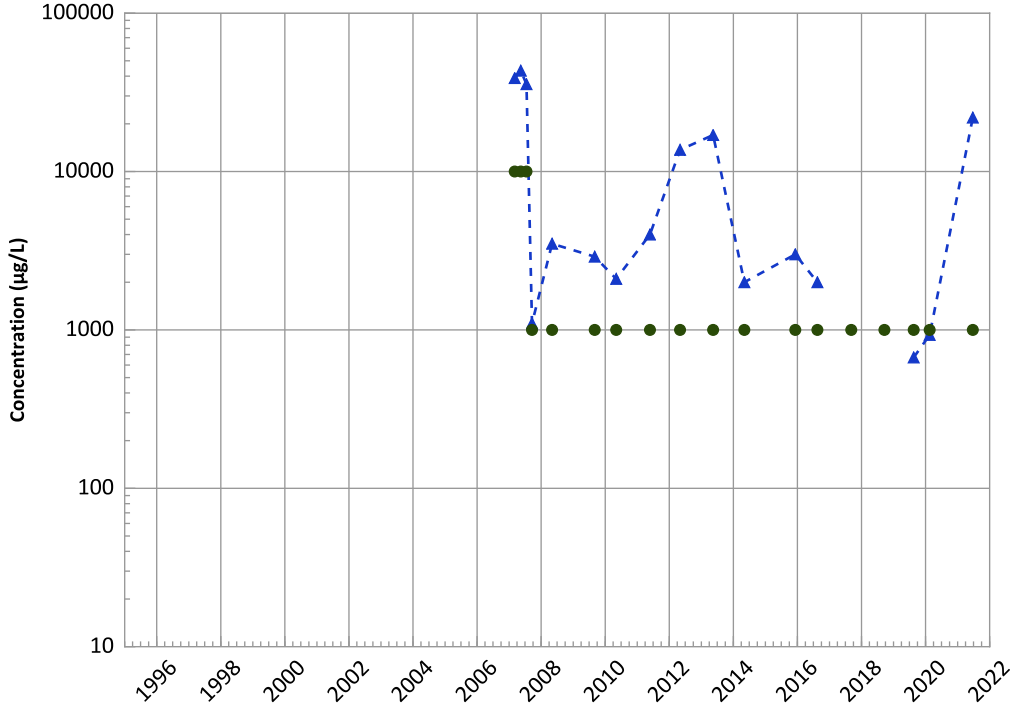


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Total Organic Carbon Trend



Concentration Trend

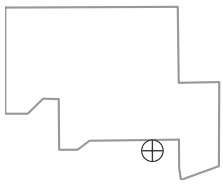
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

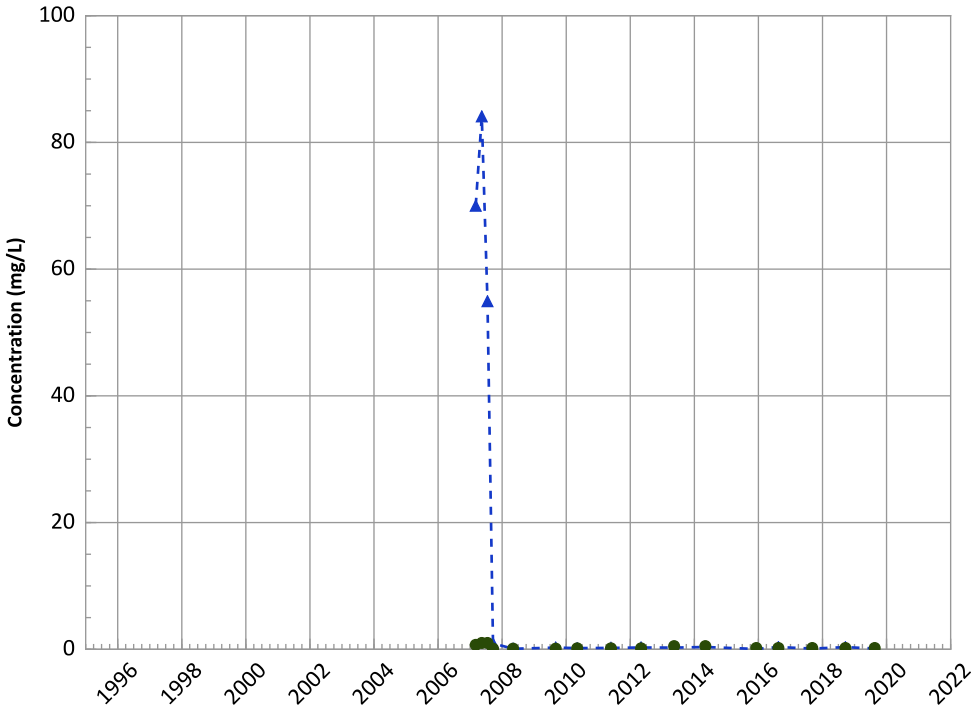
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1101 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

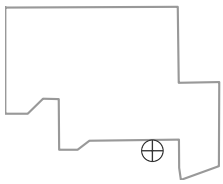
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

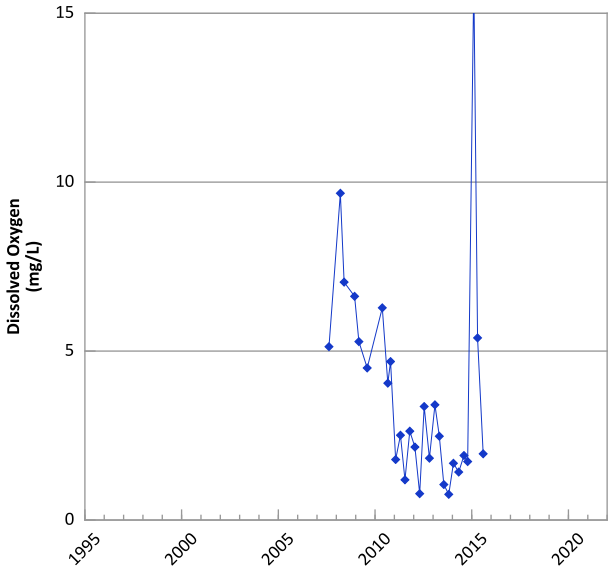
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 03/06/2007 to 06/23/2021
Analysis Date: 05/02/2022

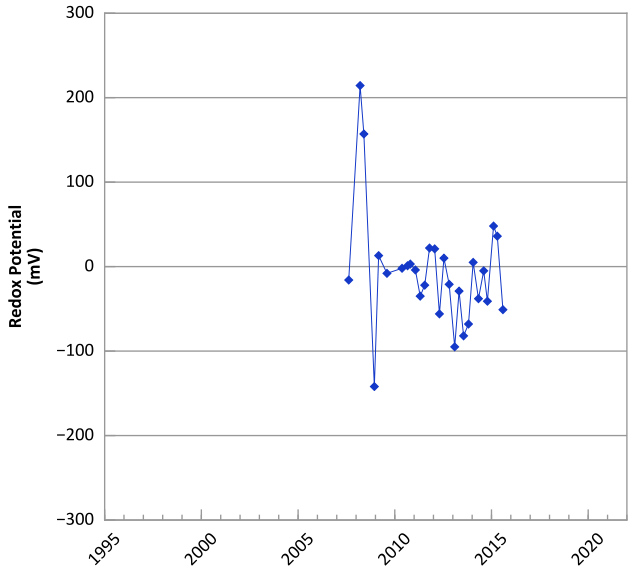
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

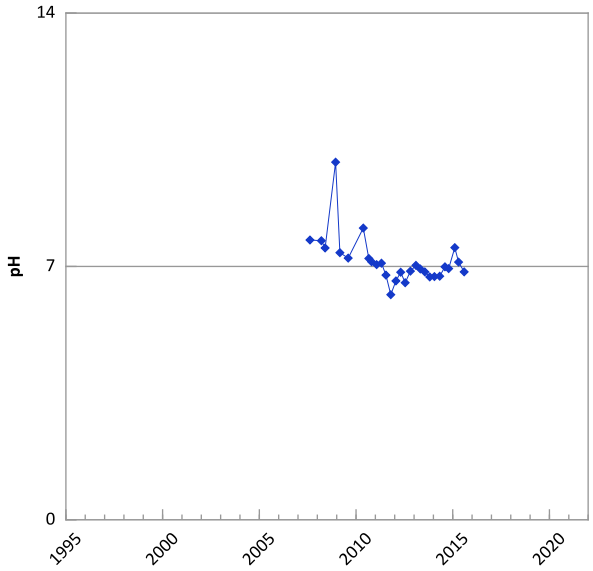
Well Location

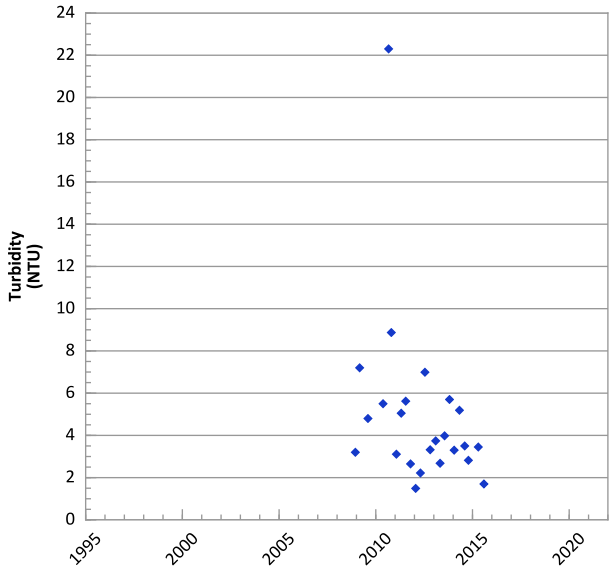


PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



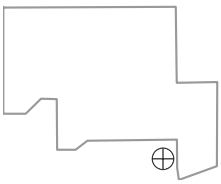






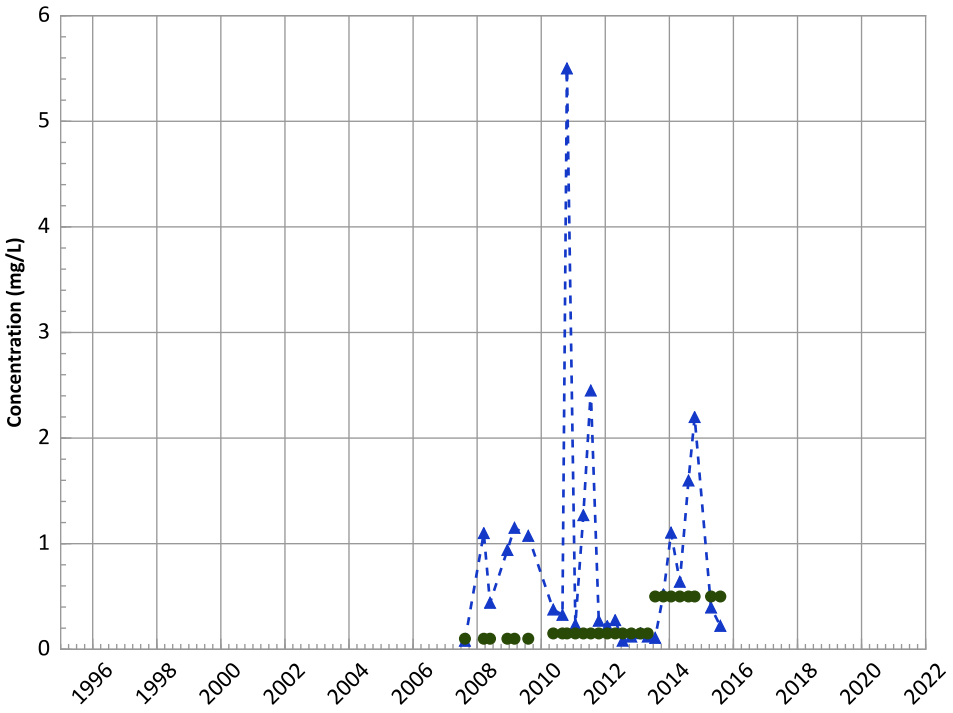
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/15/2007 to 08/05/2015
Analysis Date: 05/02/2022

Well Location



PTX06-1123 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

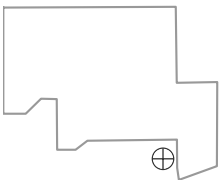
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Decreasing

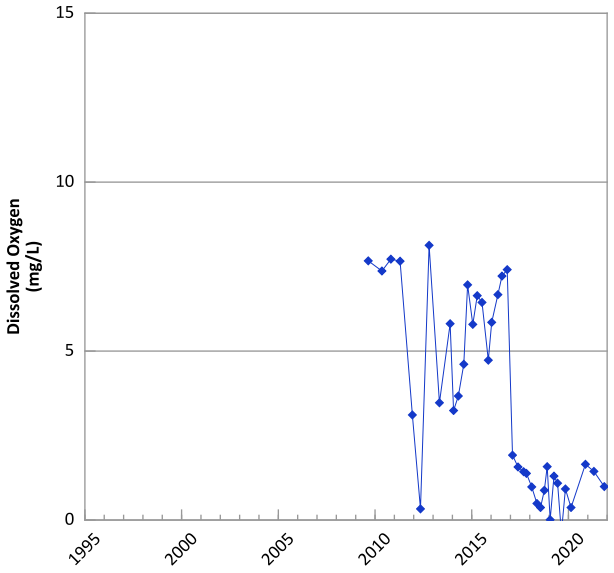
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/15/2007 to 08/05/2015
Analysis Date: 05/02/2022

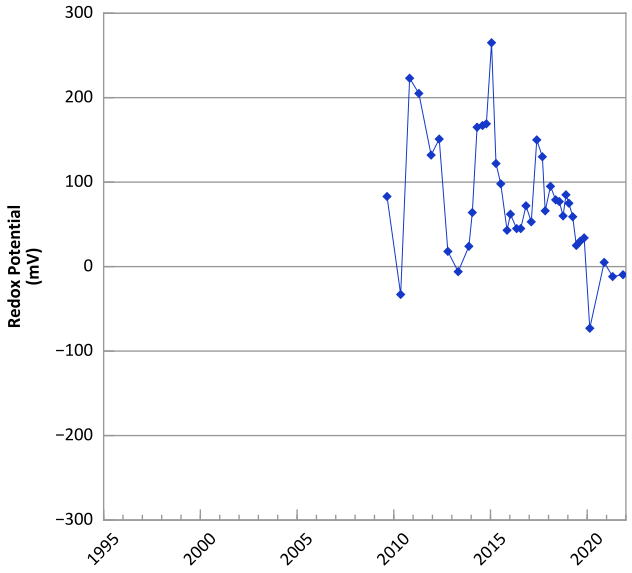
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

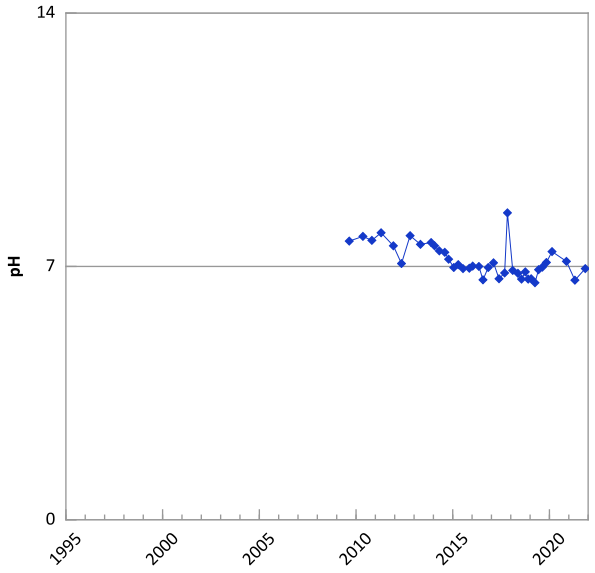
Well Location

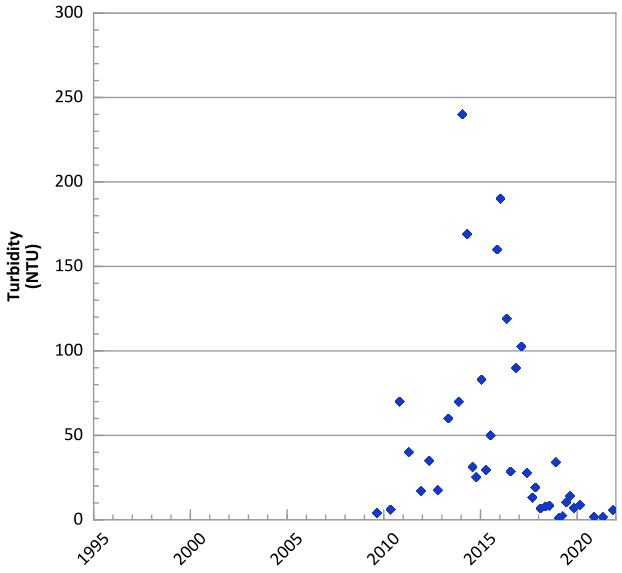


PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



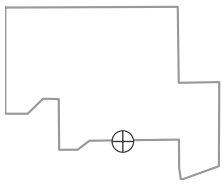






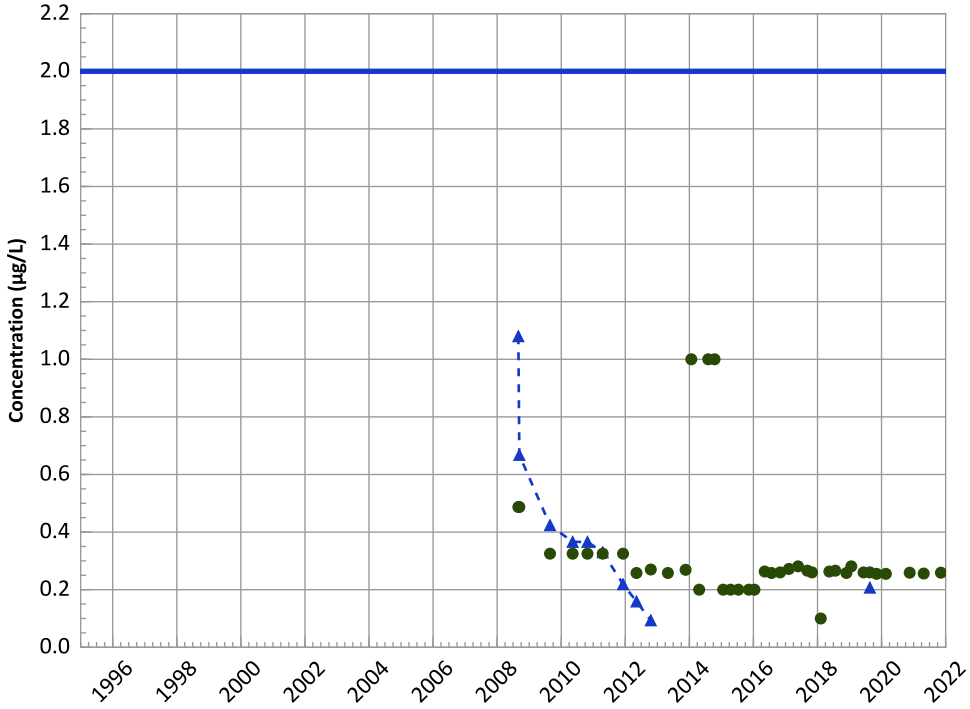
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

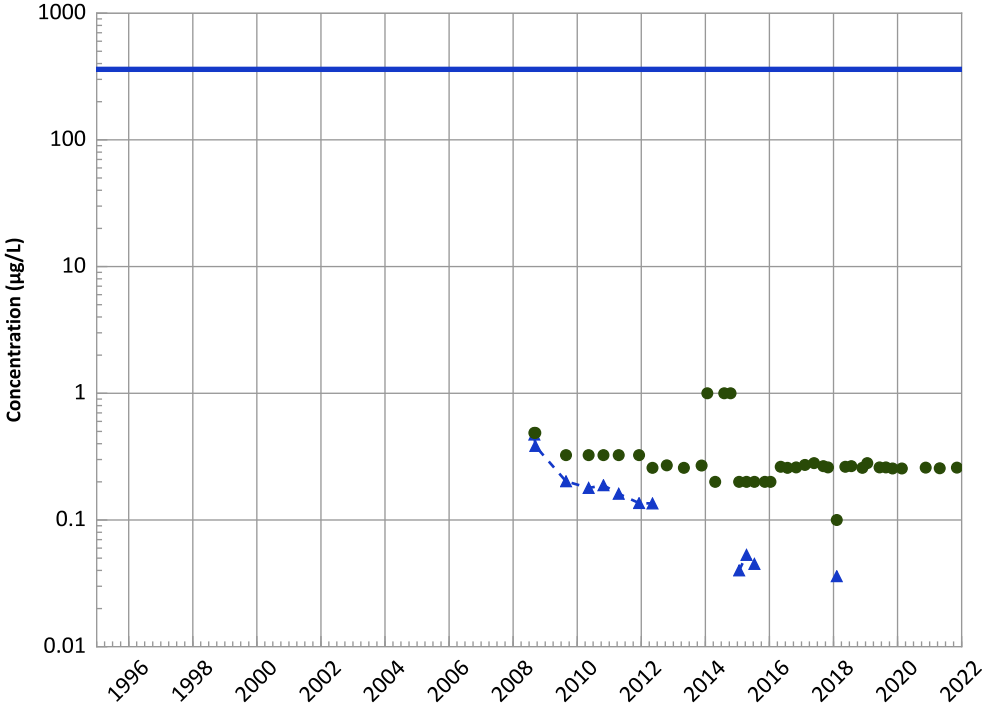


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

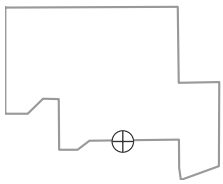
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

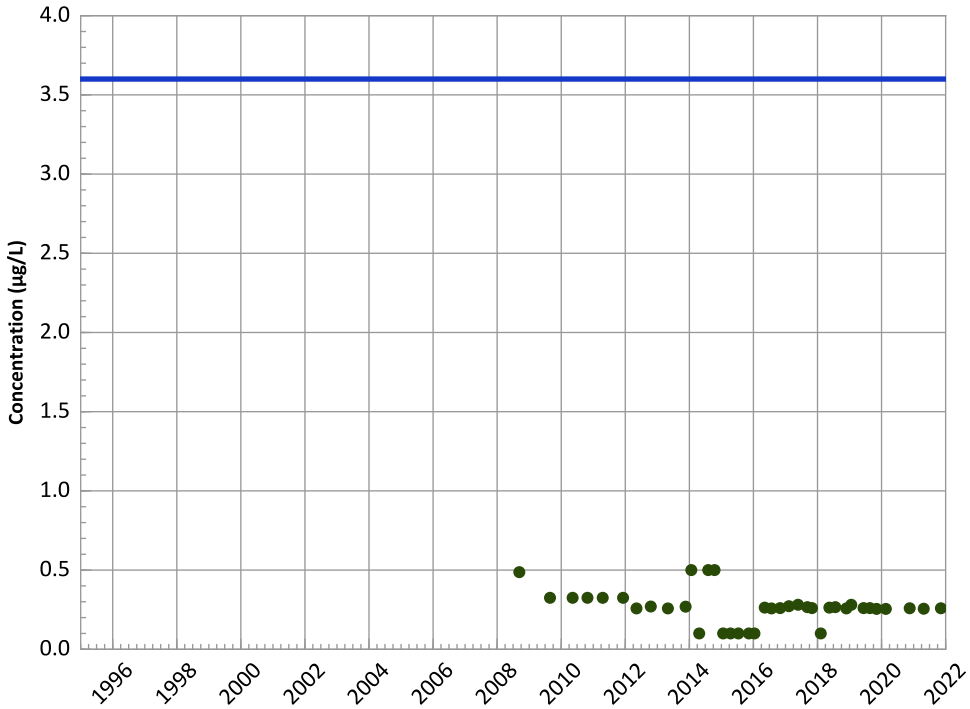
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

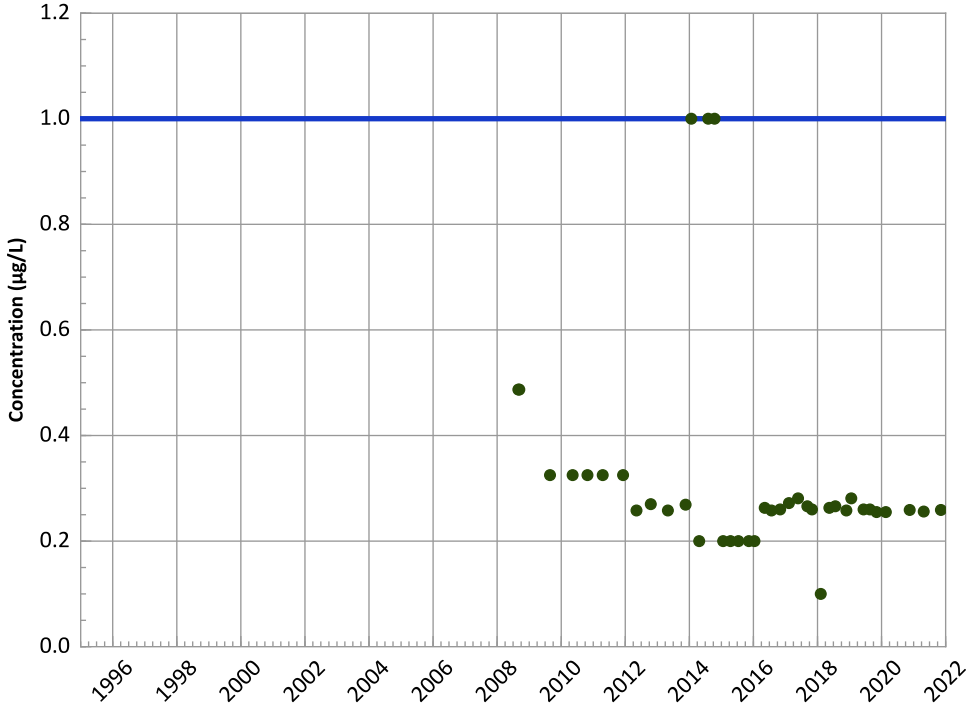


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

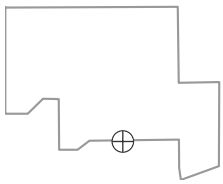
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

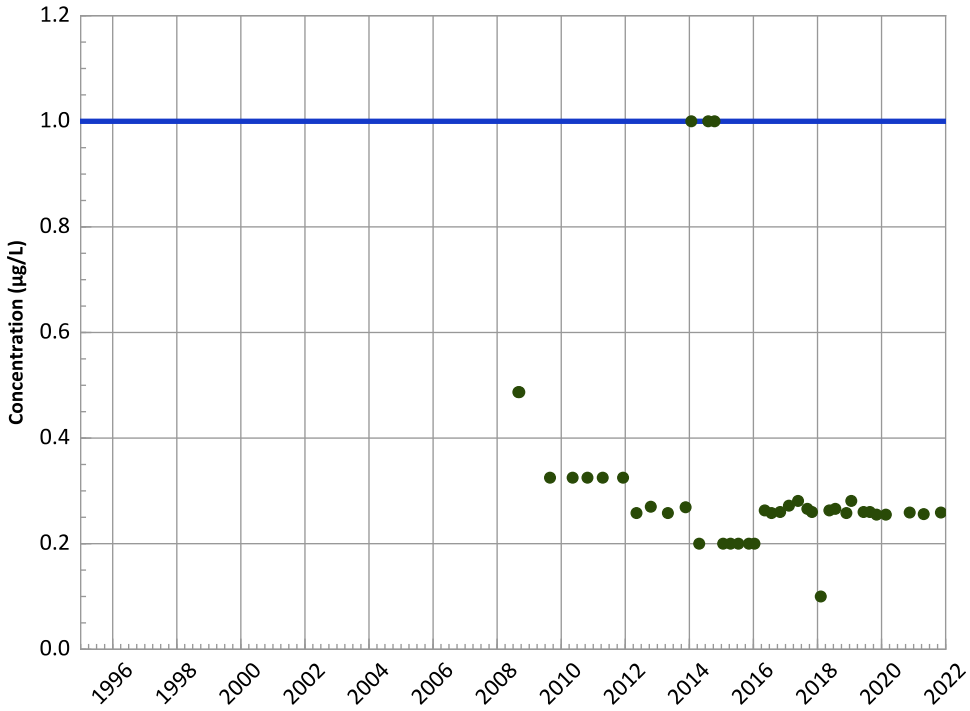
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

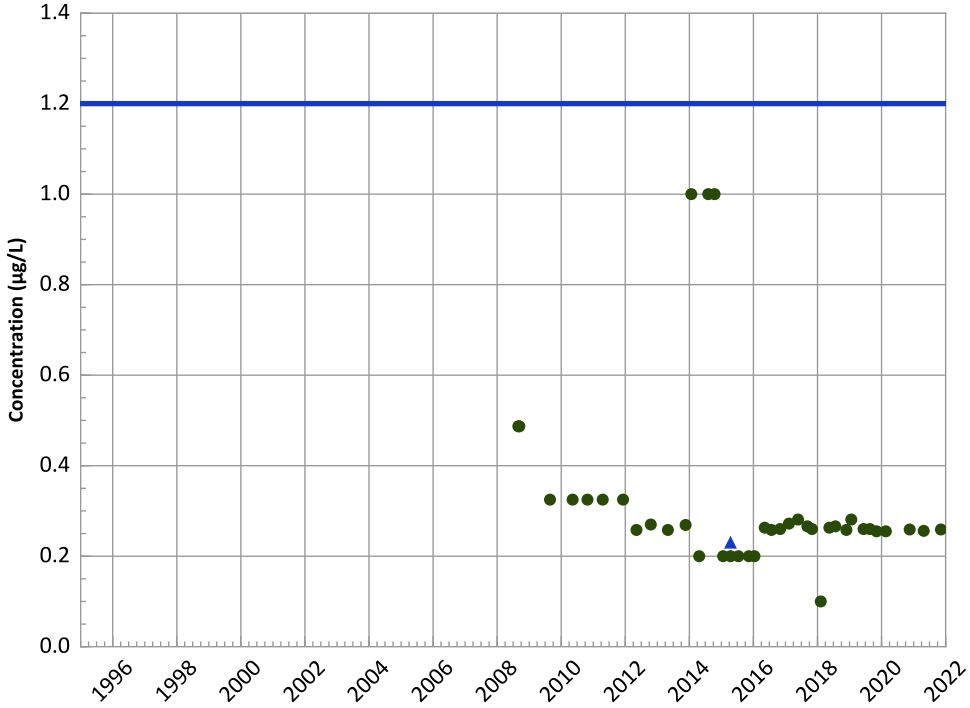


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

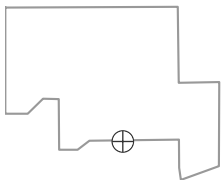
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

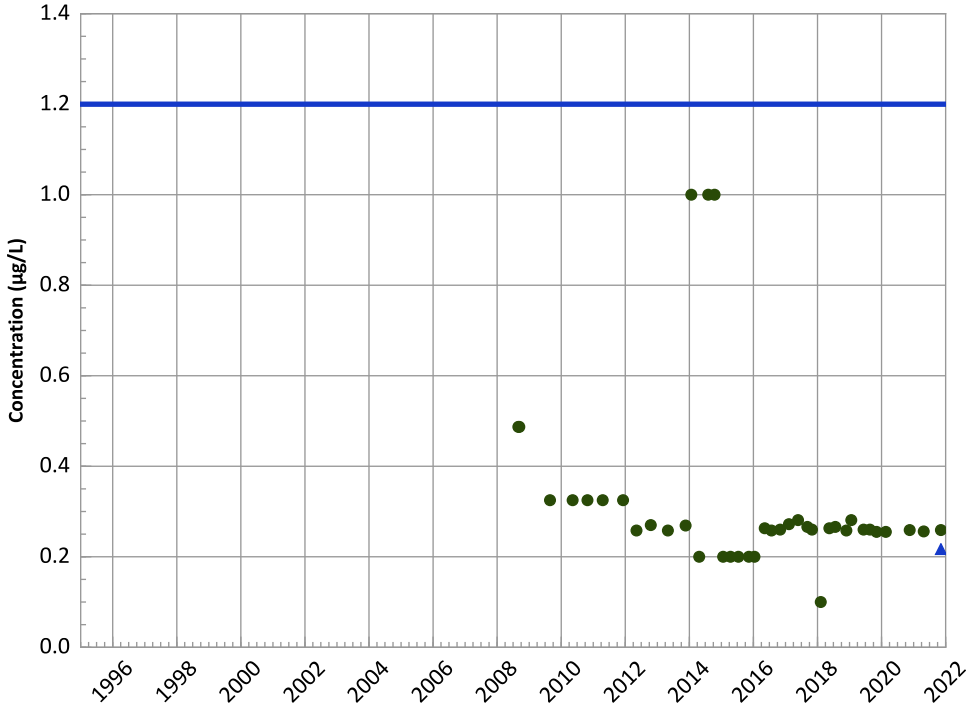
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

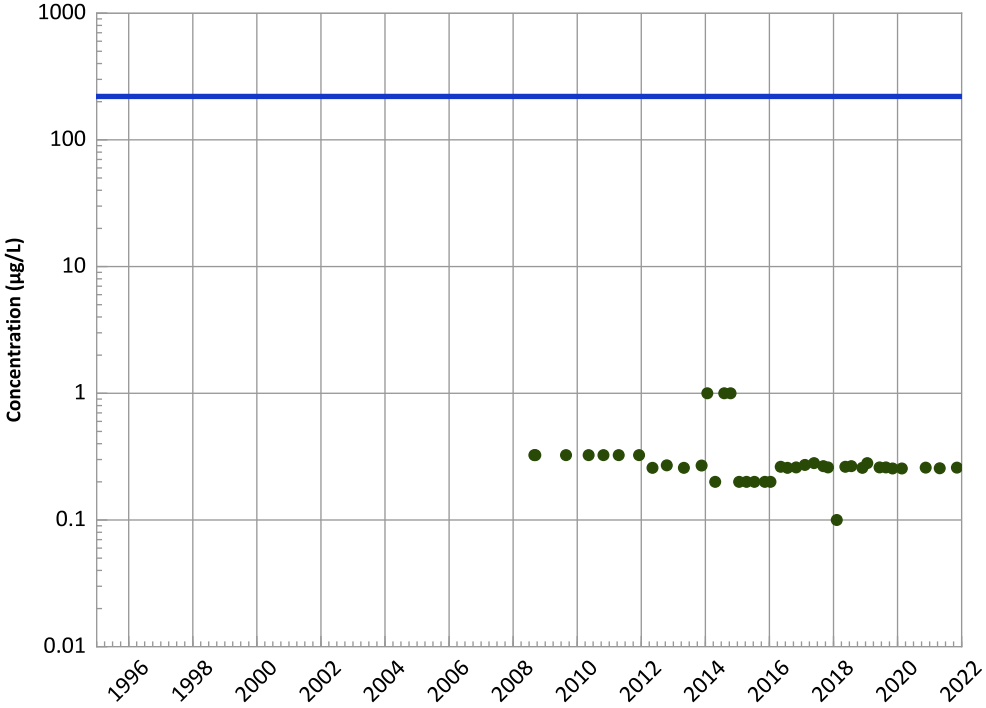


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

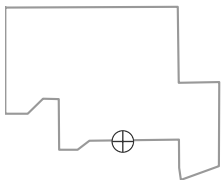
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

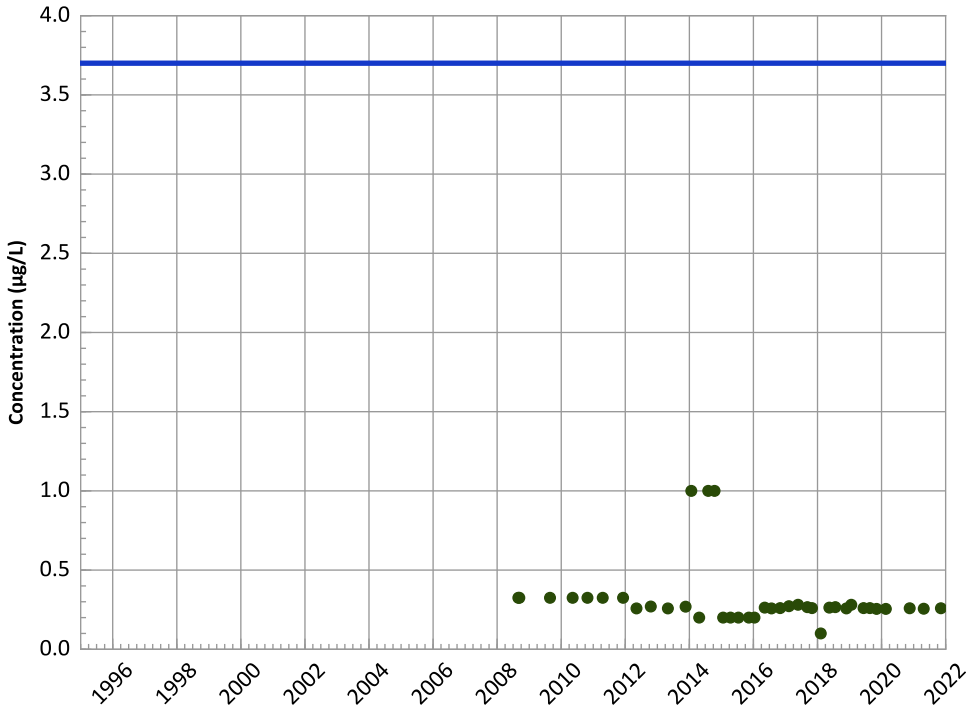
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

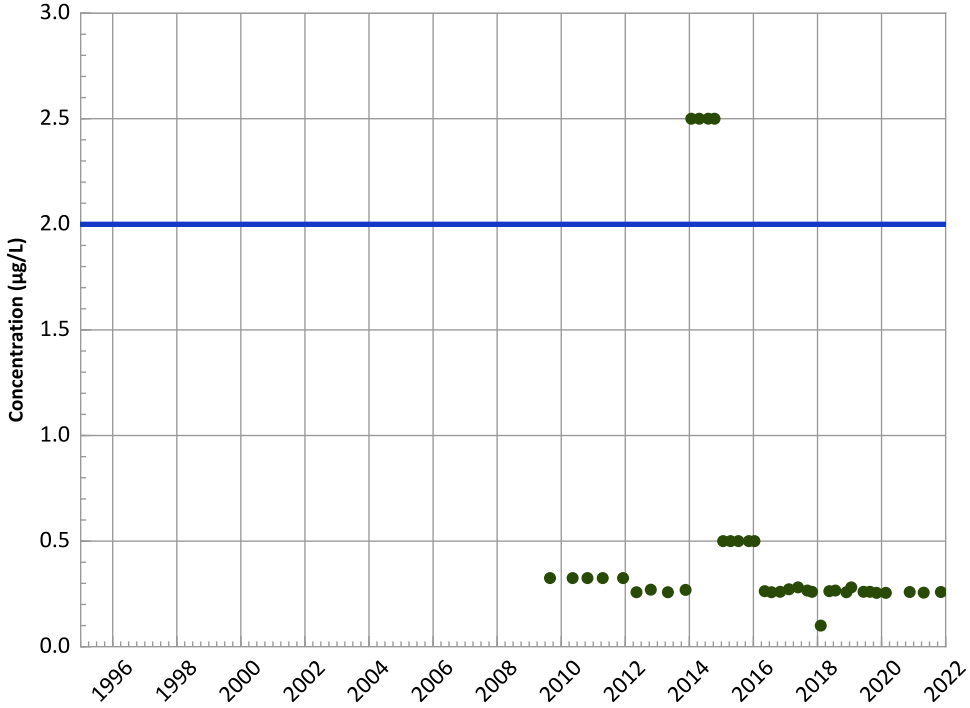


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

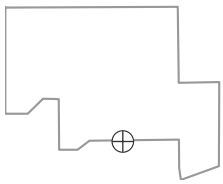
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

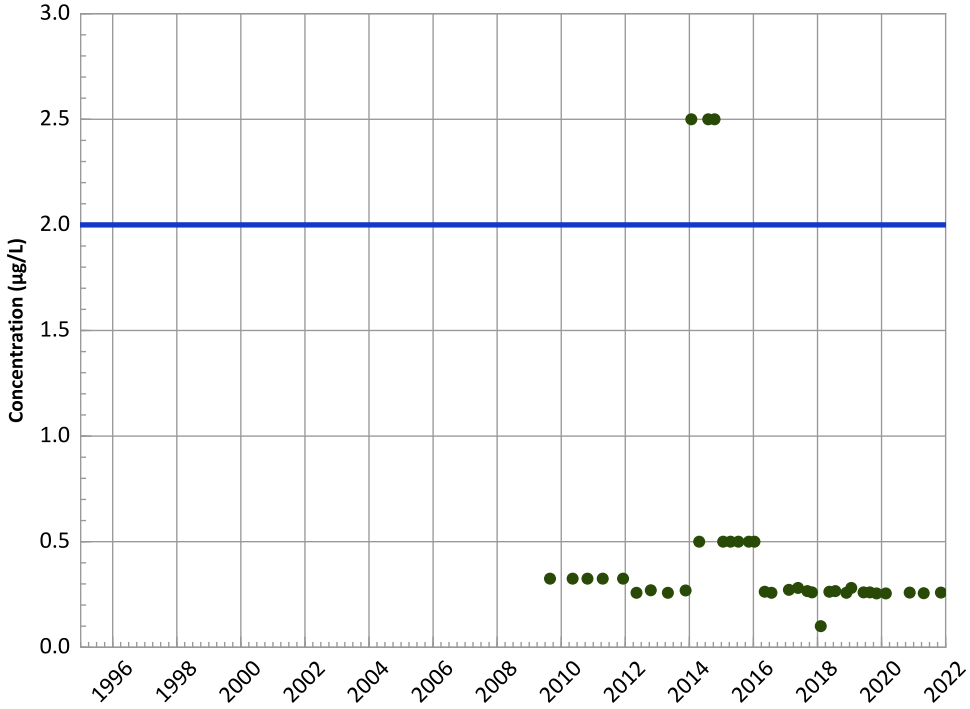
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

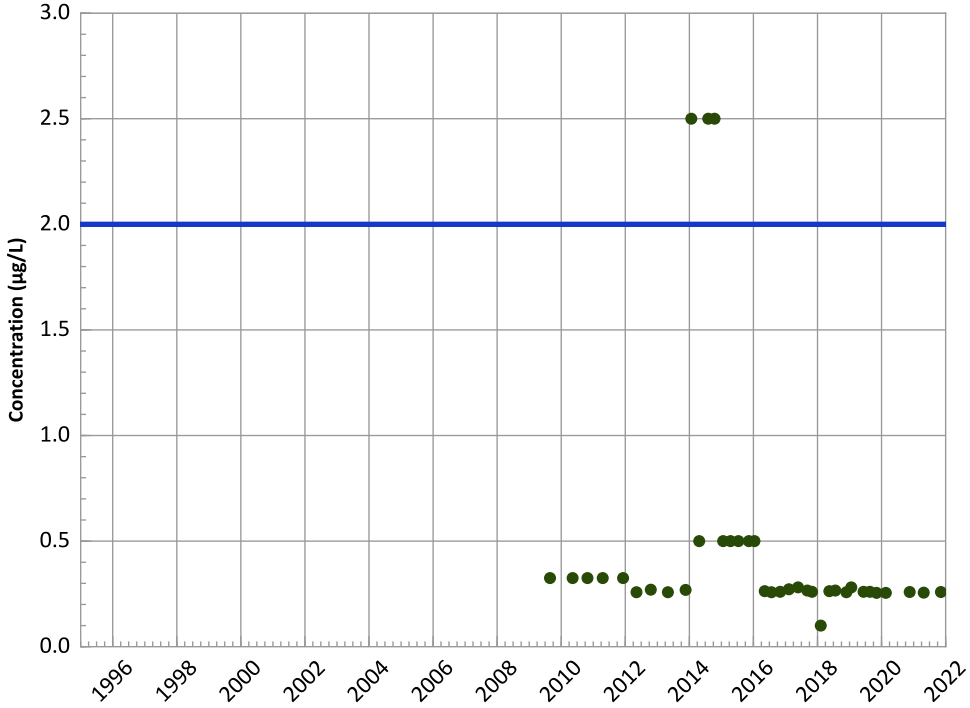


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

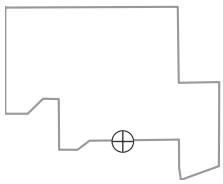
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

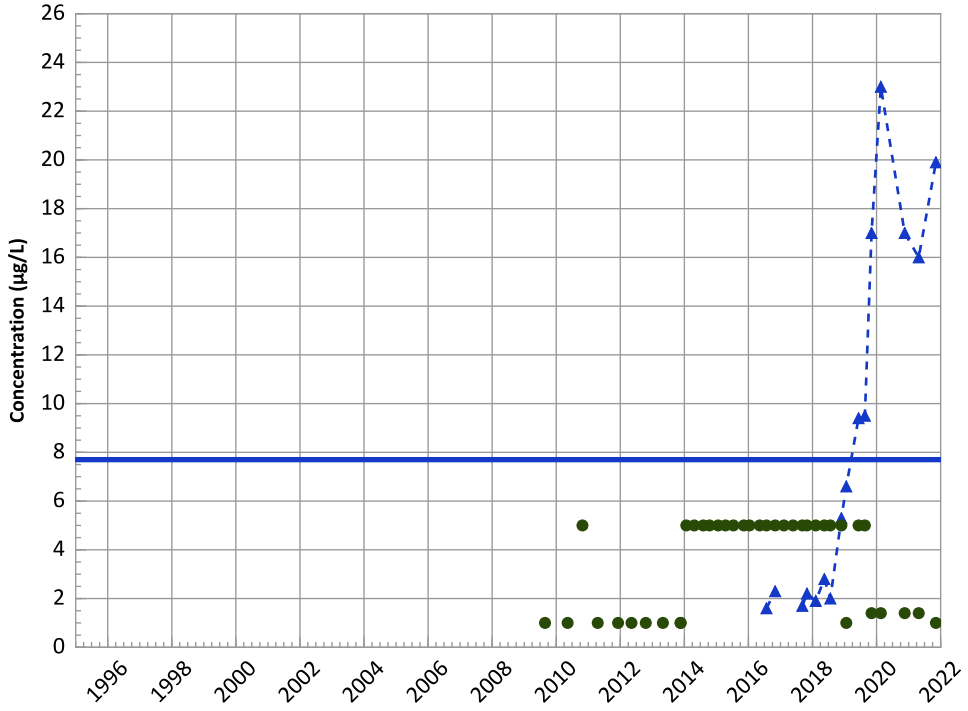
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

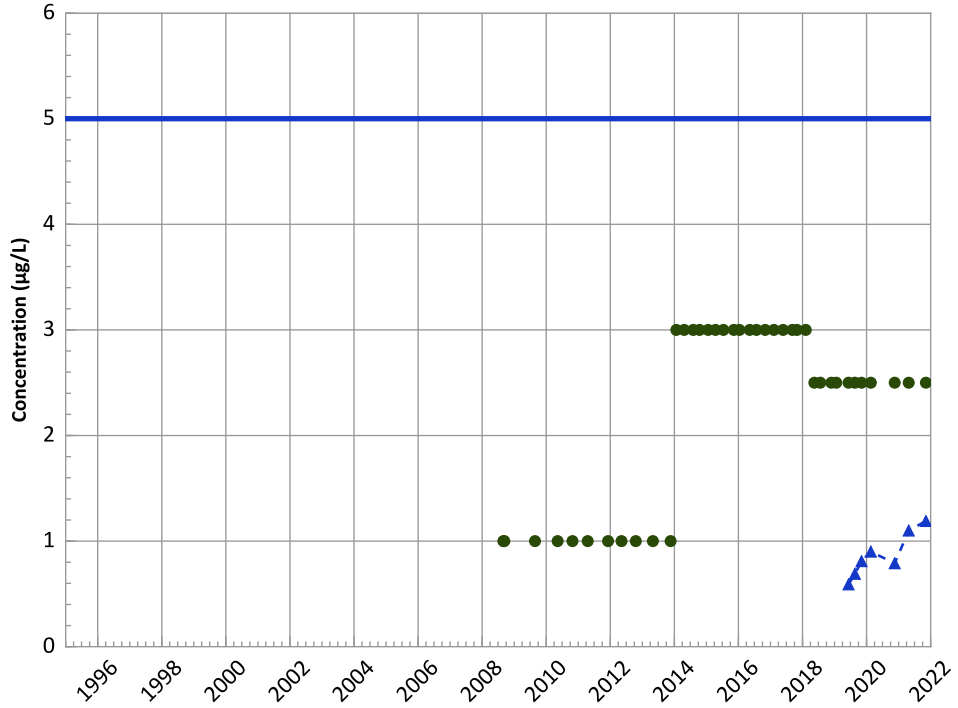


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Tetrachloroethylene (PCE) Trend



Concentration Trend

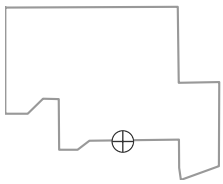
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

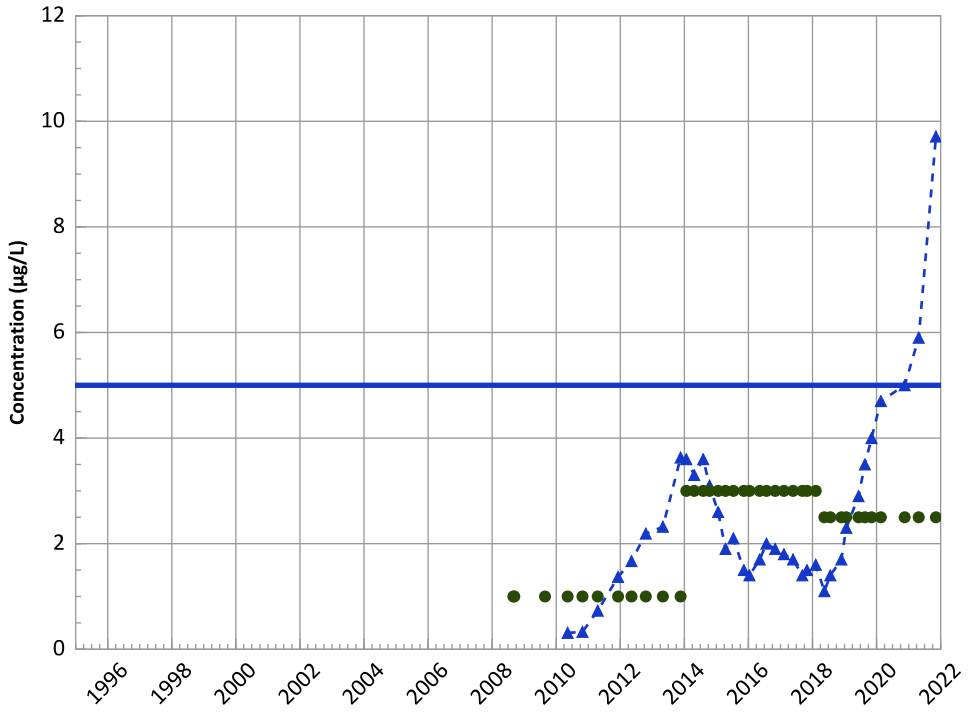
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

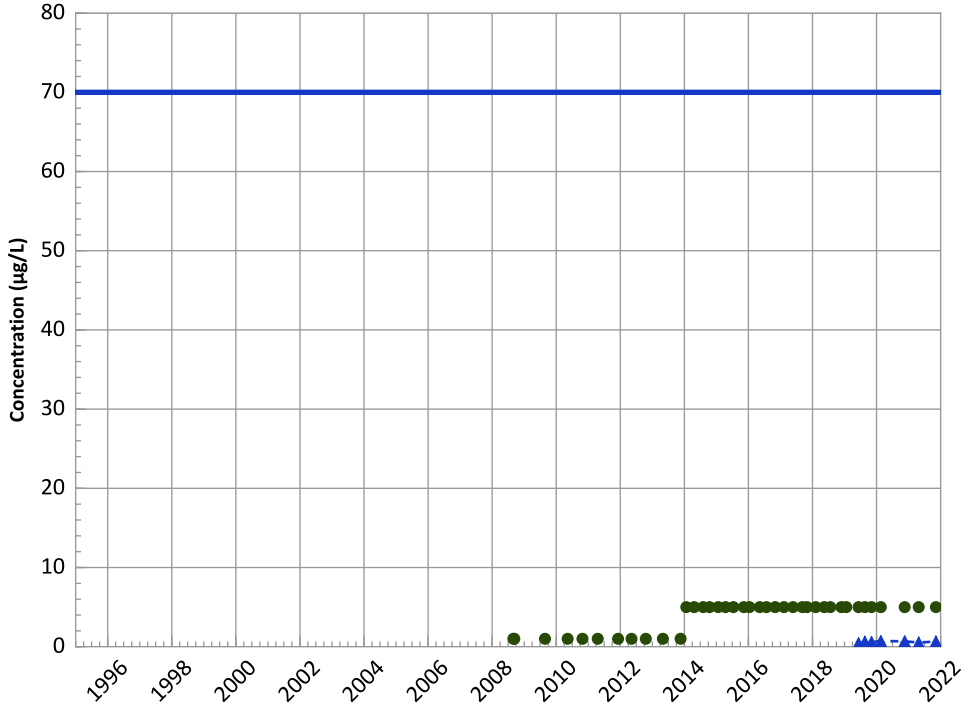


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

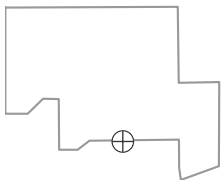
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

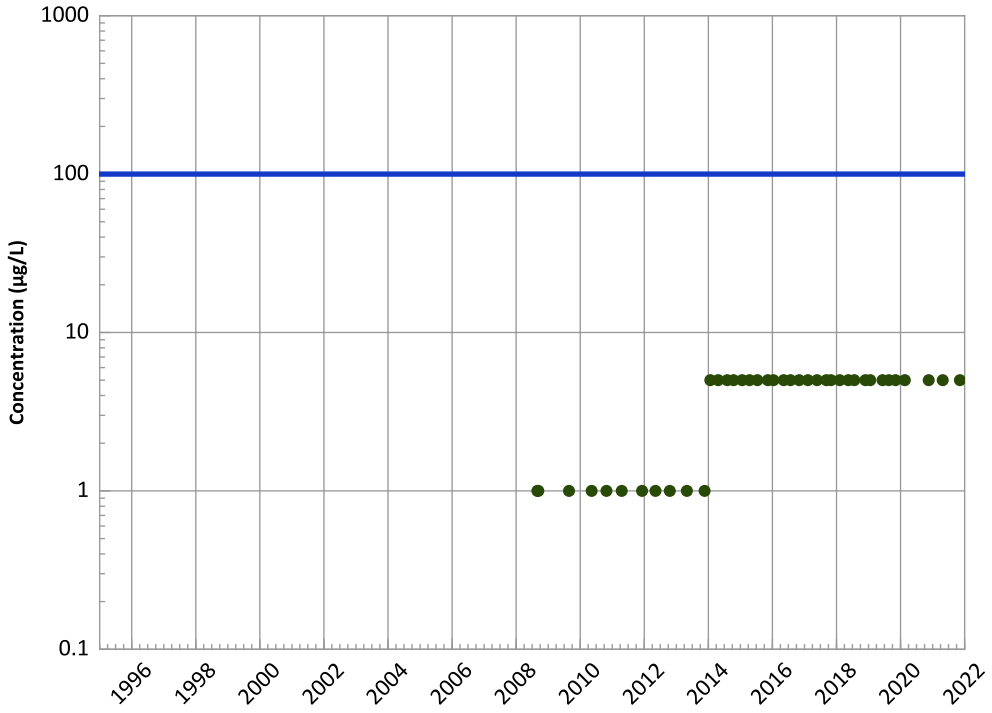
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

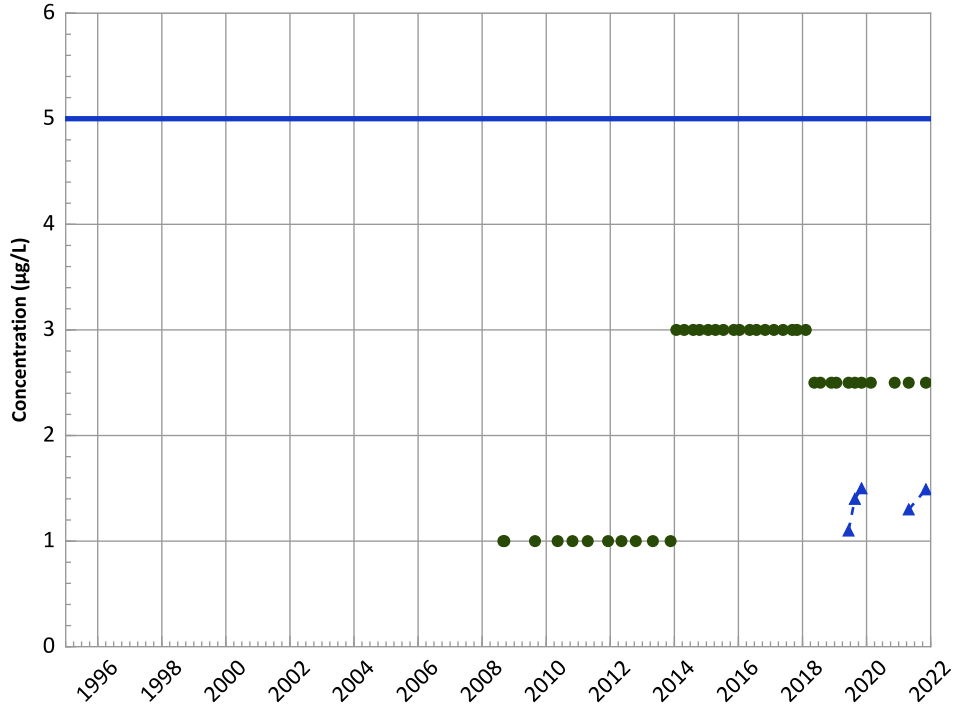


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

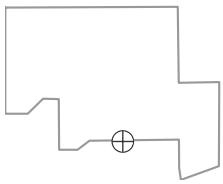
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

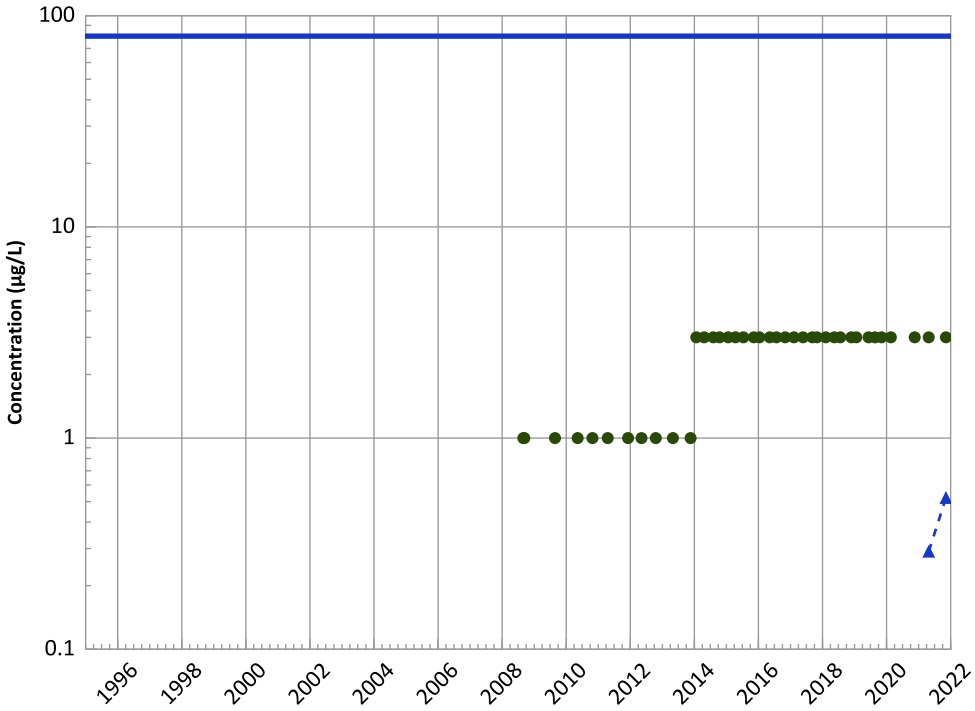
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

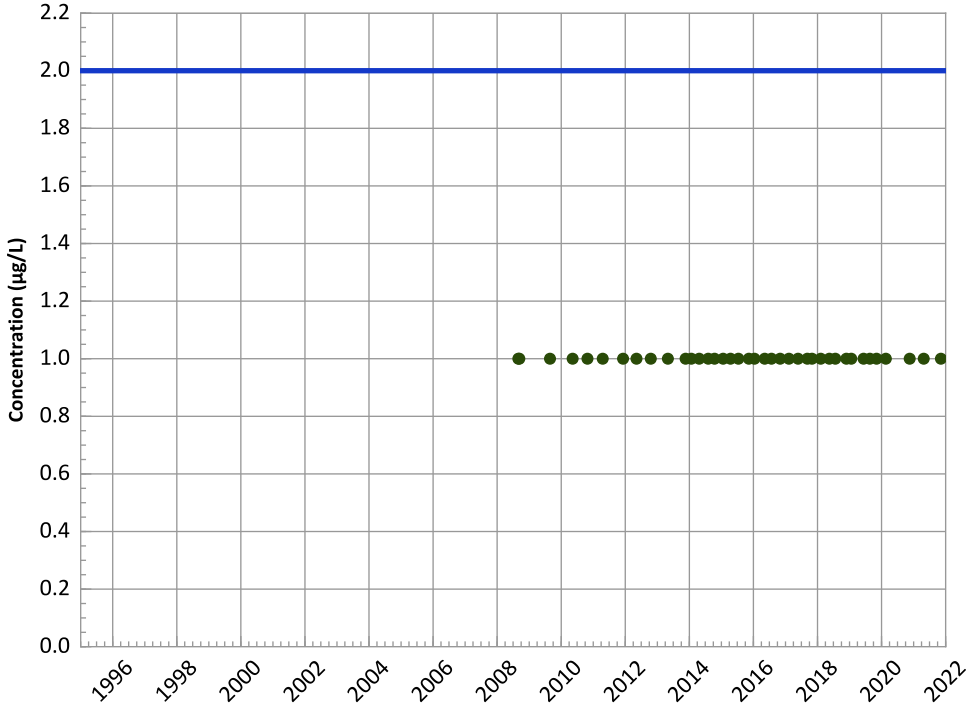


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

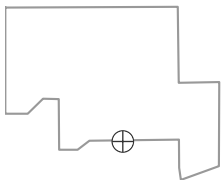
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

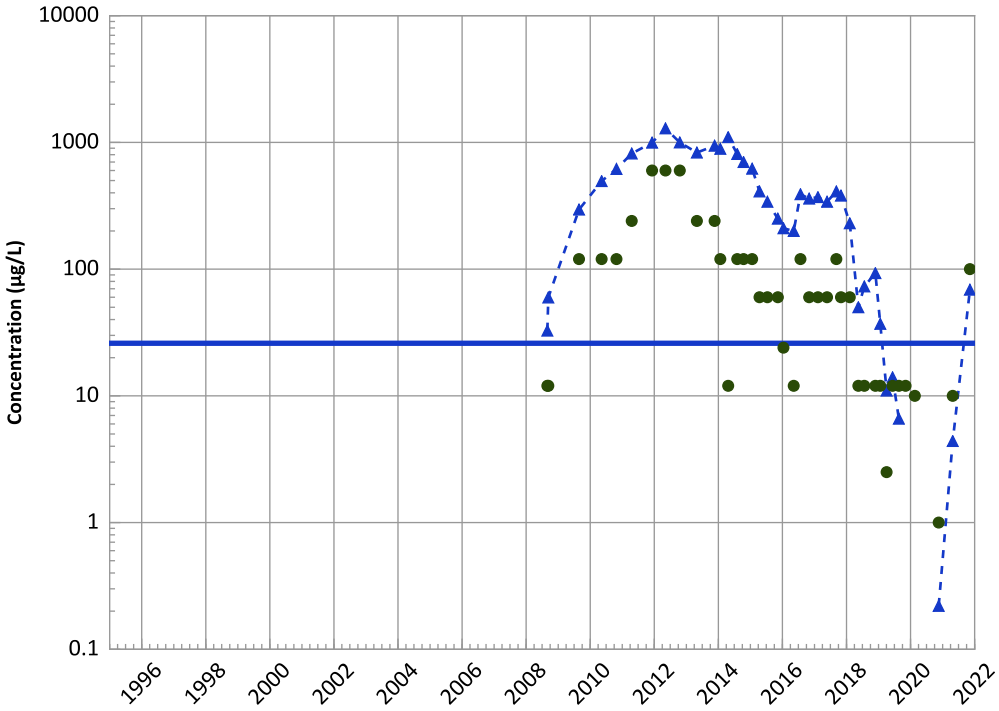
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

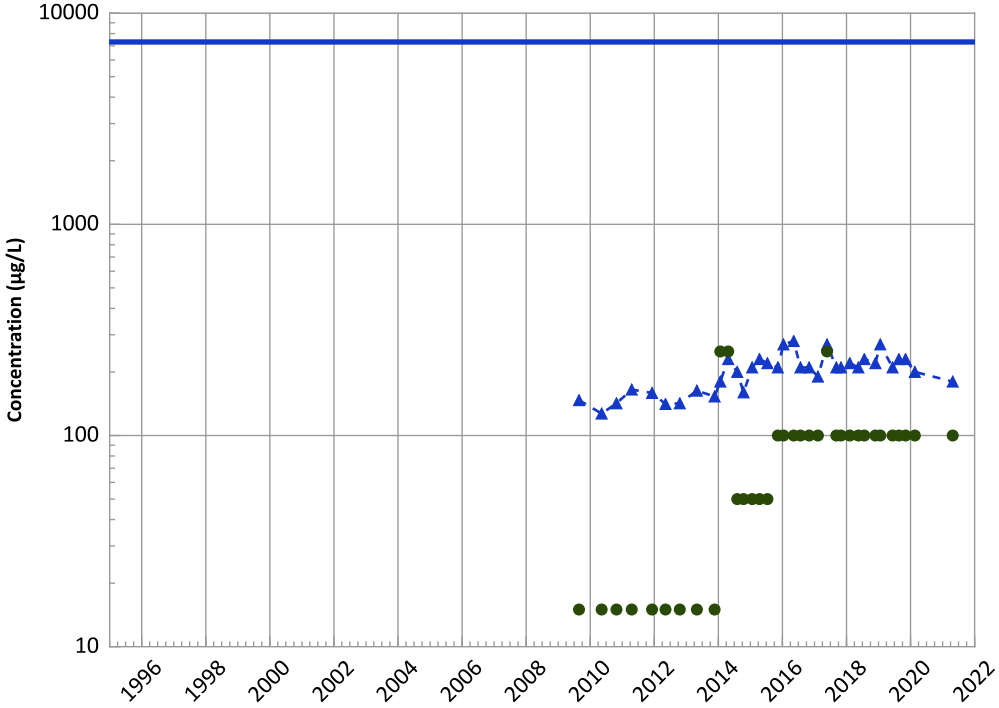


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Boron Trend

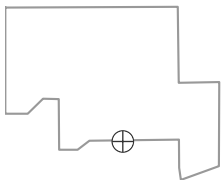


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Well Location

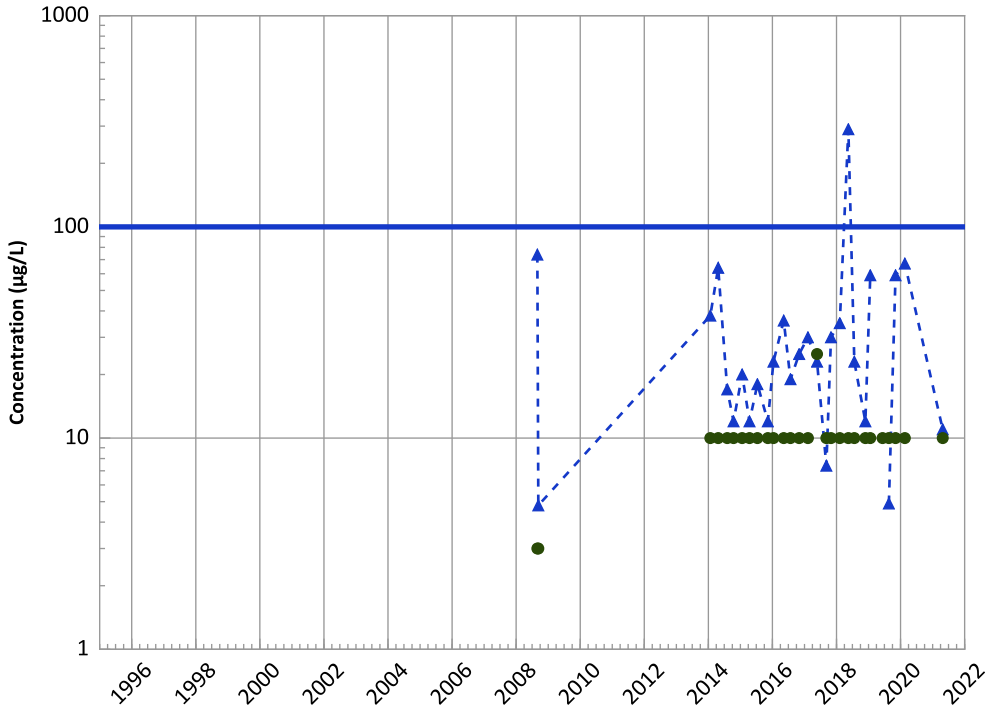


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

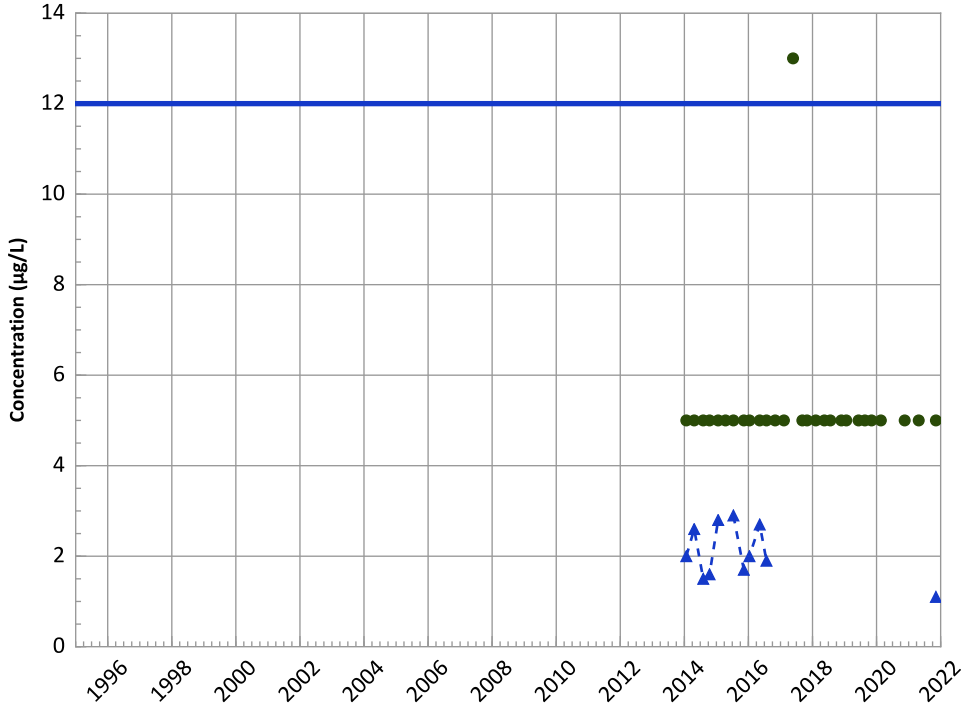


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Arsenic Trend



Concentration Trend

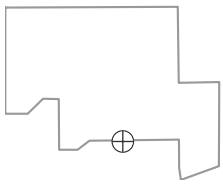
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

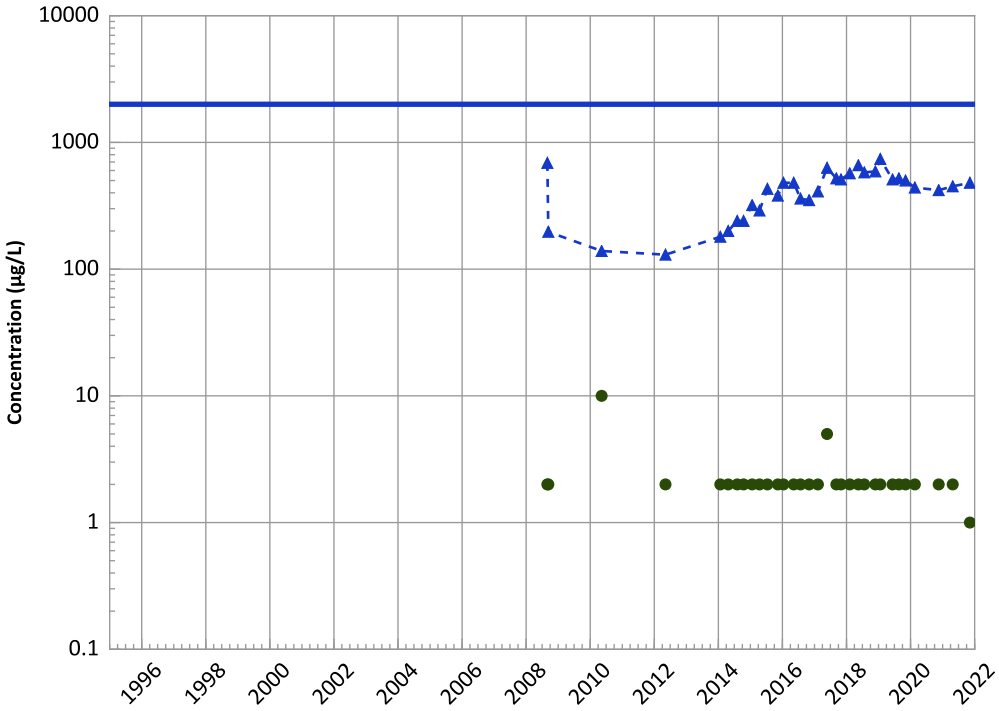
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

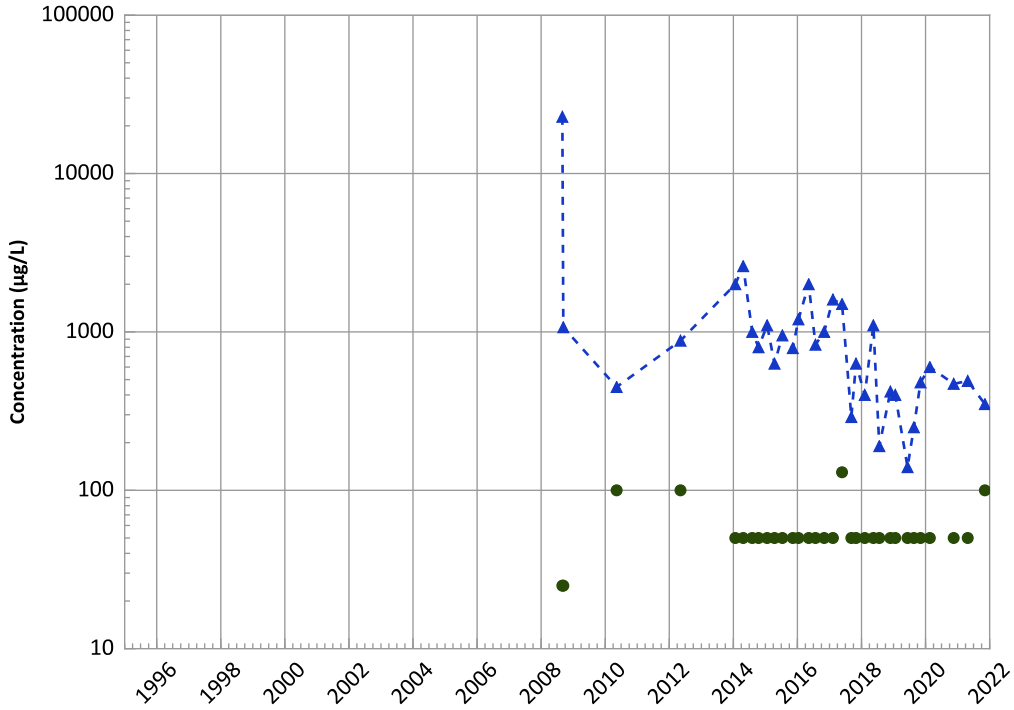


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Iron Trend



Concentration Trend

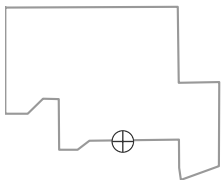
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

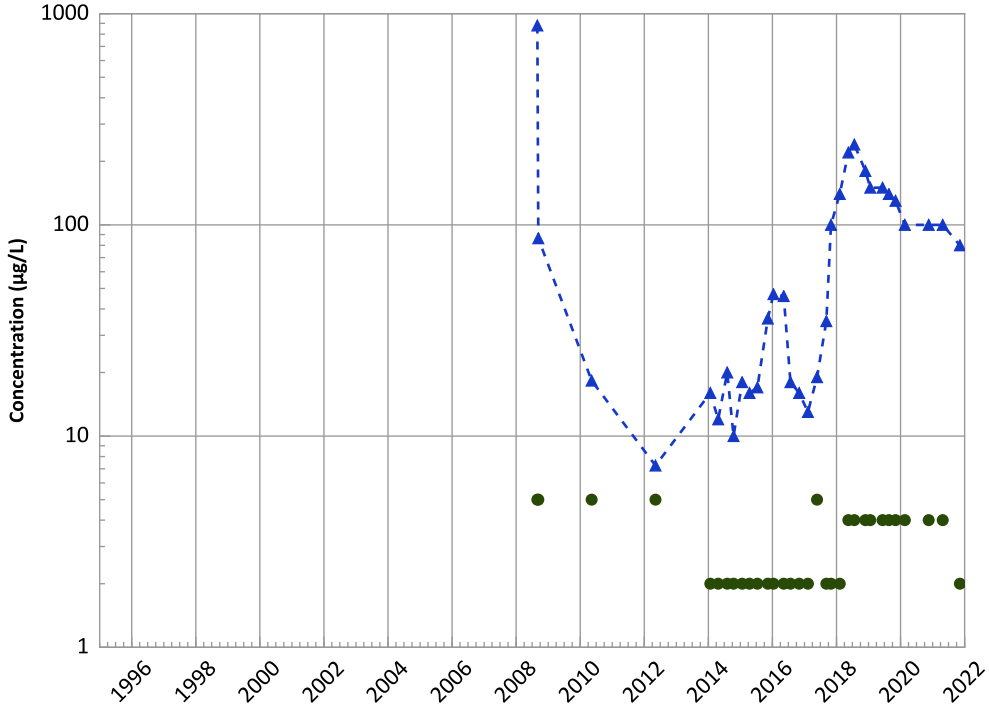
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

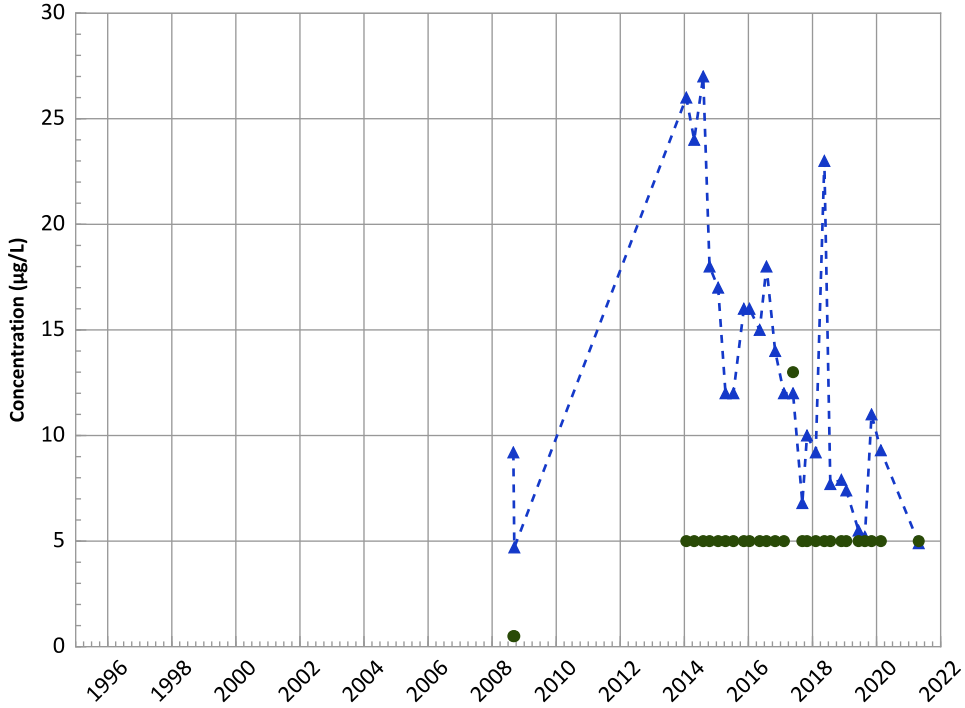


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Molybdenum Trend



Concentration Trend

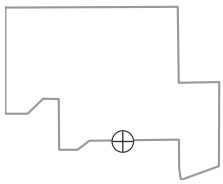
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

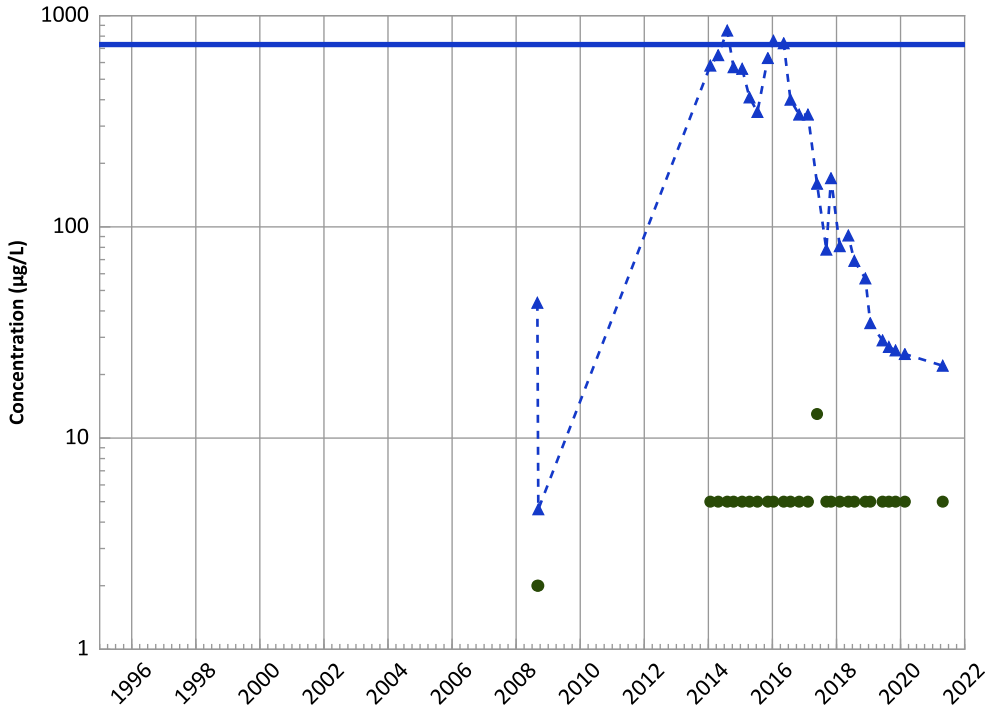
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

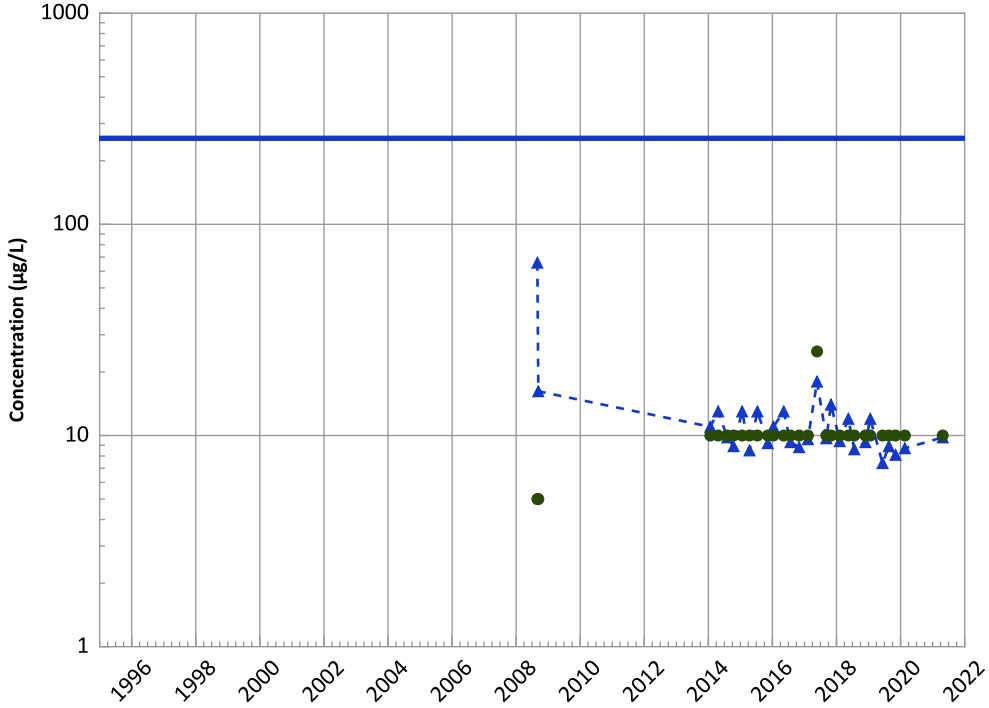


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Probably Decreasing

Vanadium Trend



Concentration Trend

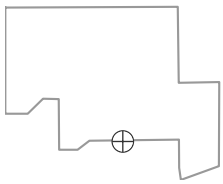
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

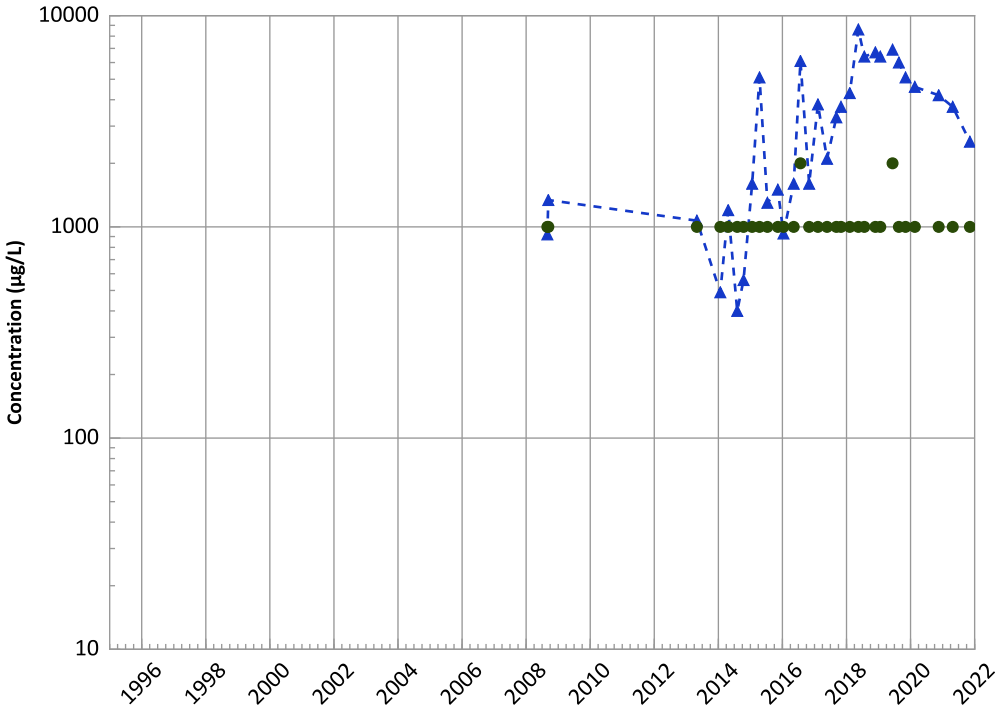
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1148 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

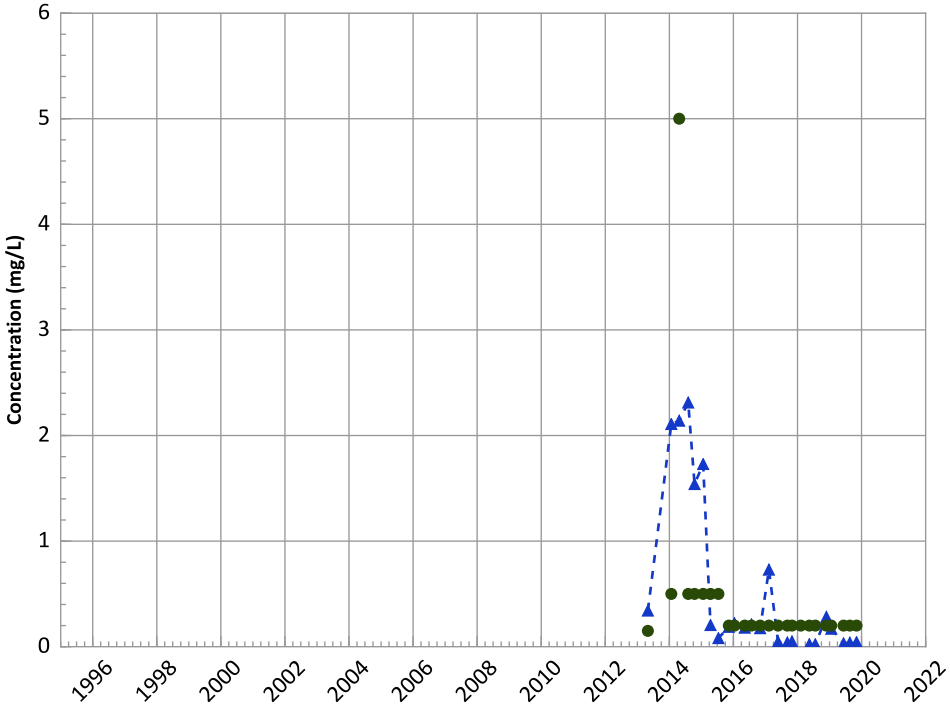


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Total Volatile Fatty Acids Trend



Concentration Trend

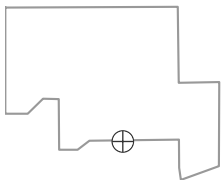
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

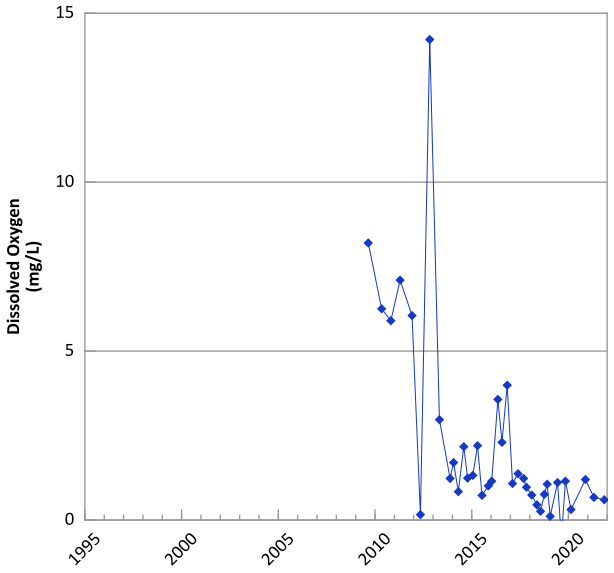
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

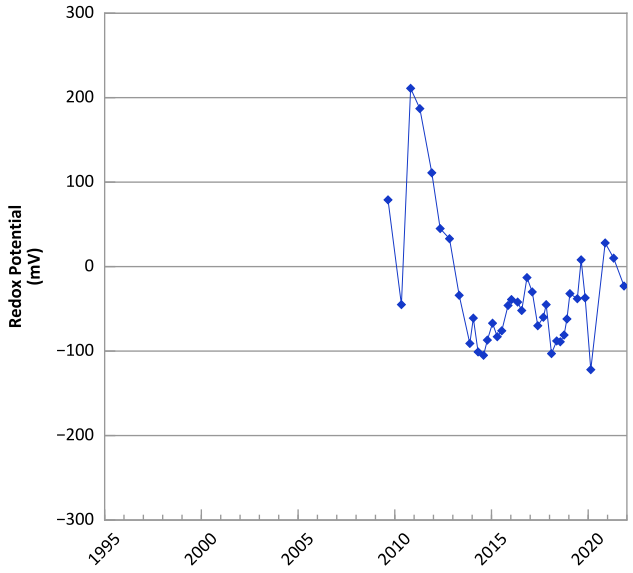
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

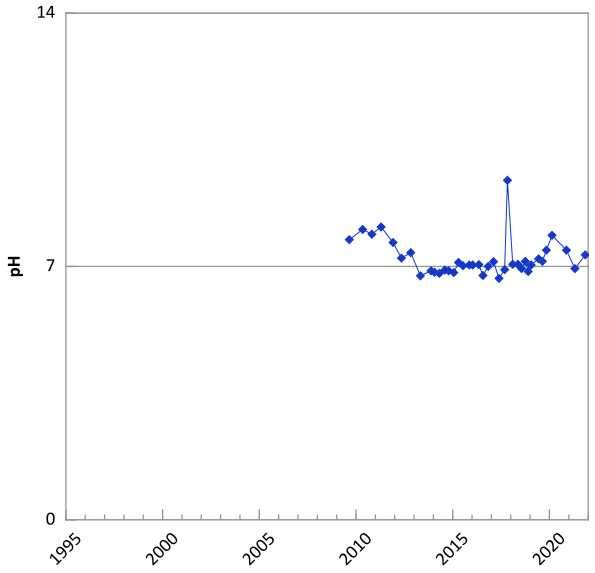
Well Location

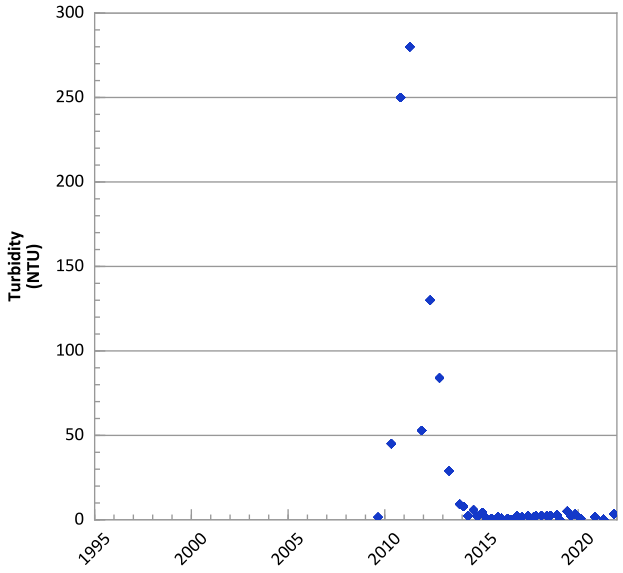


PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



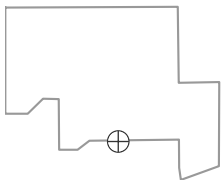






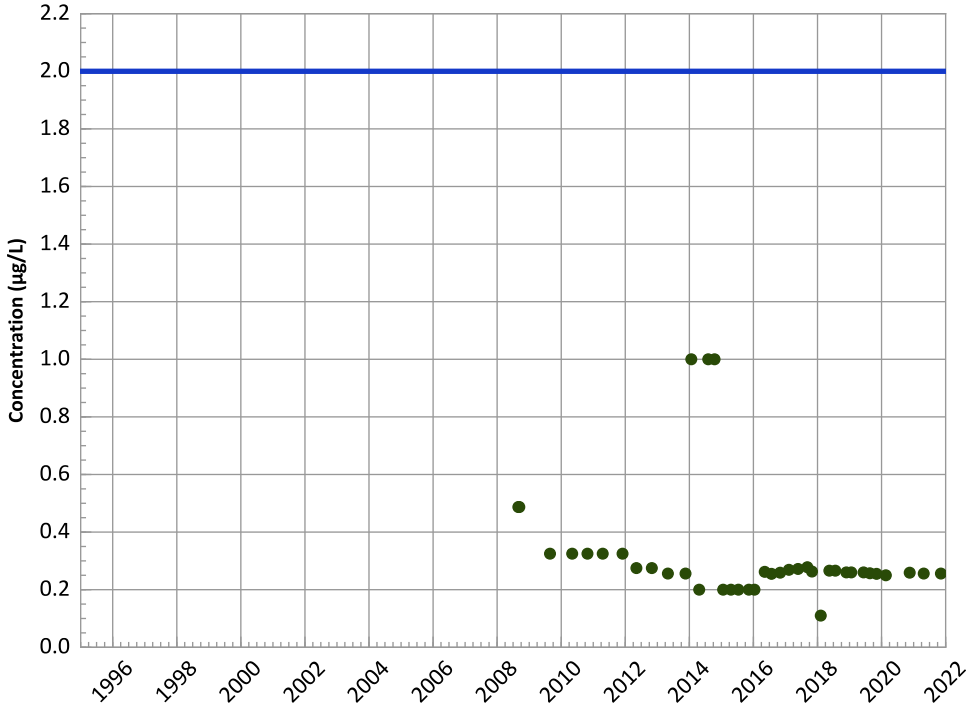
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

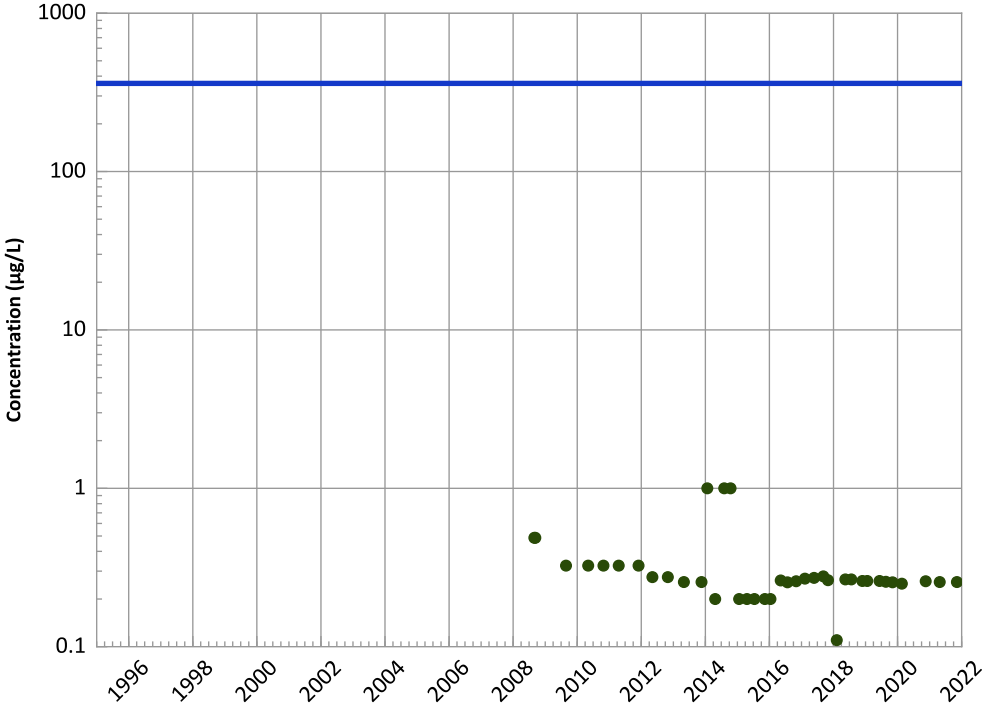


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

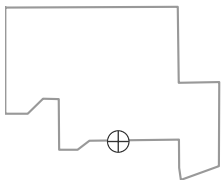
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

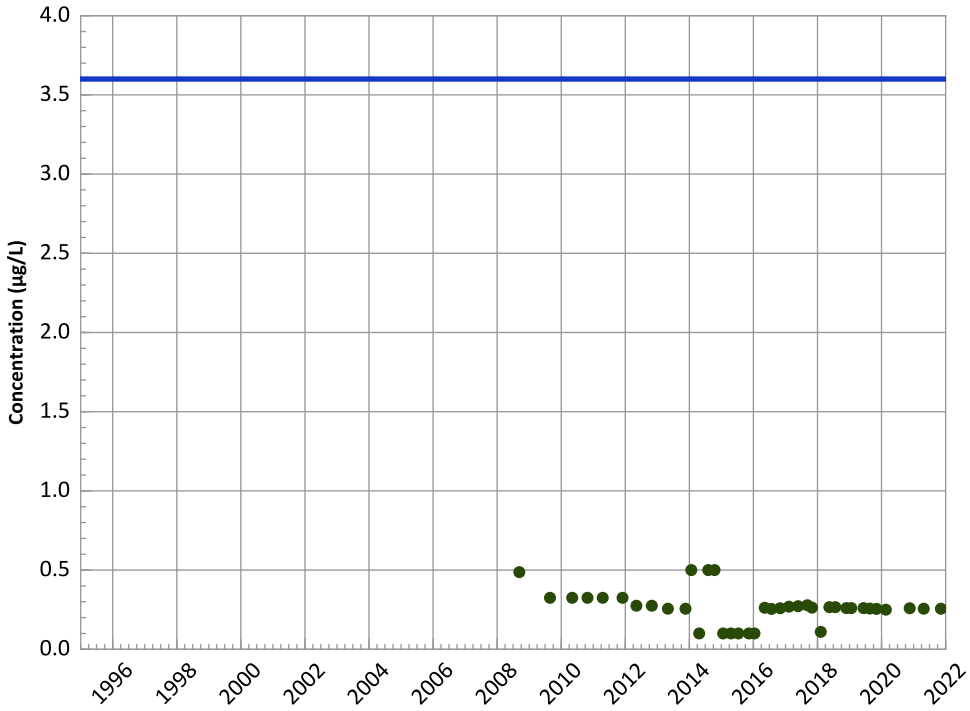
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

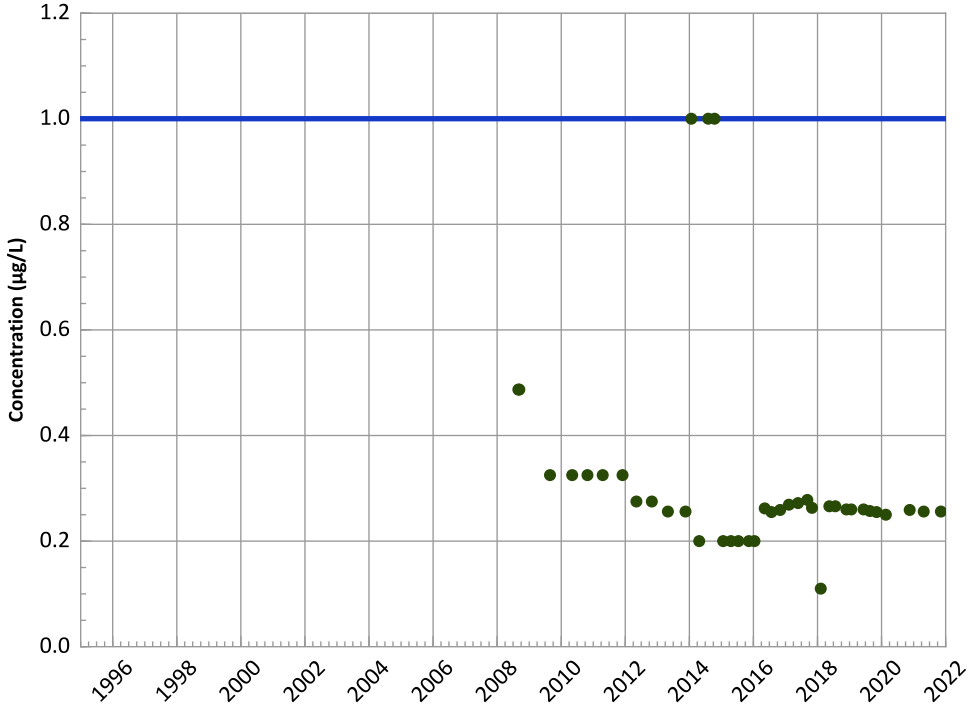


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

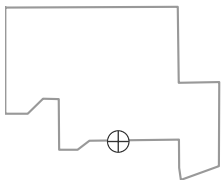
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

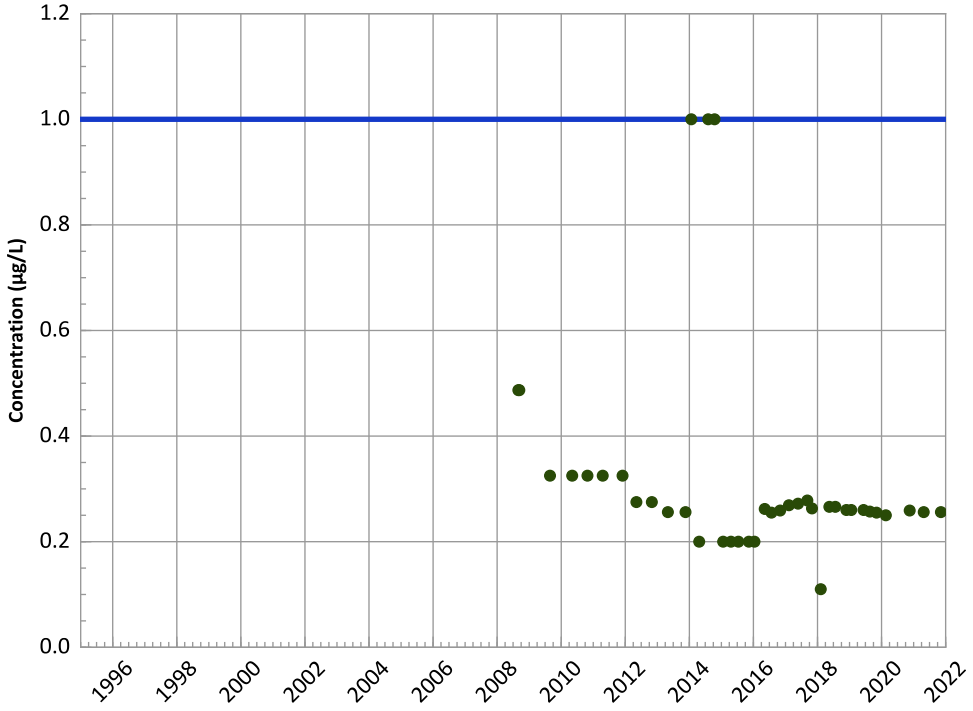
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

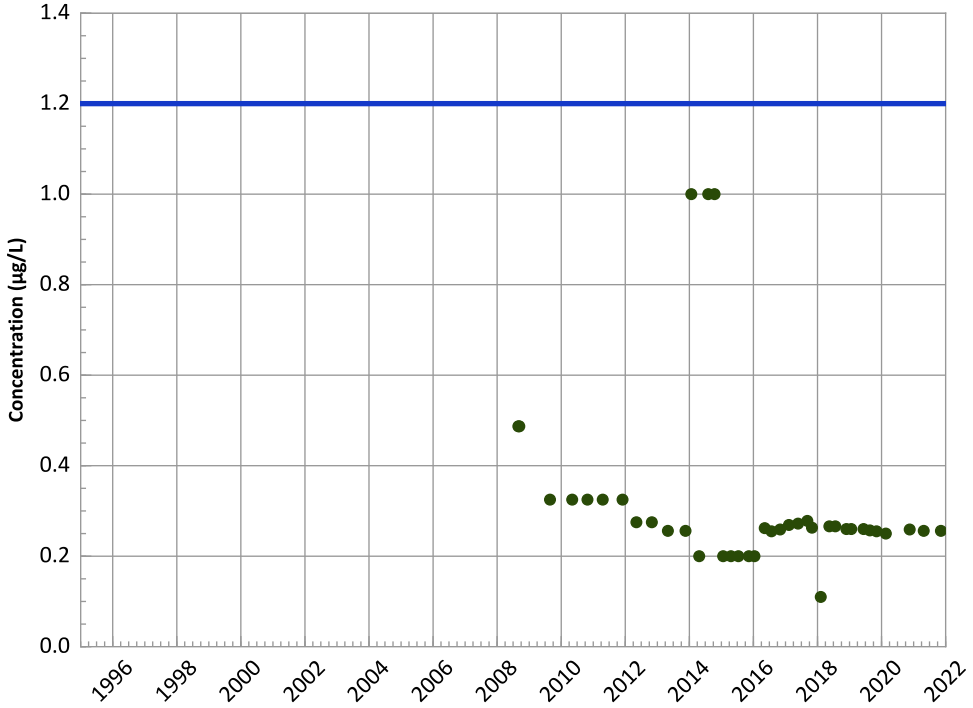


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

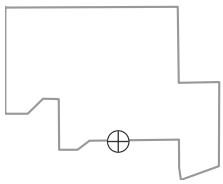


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

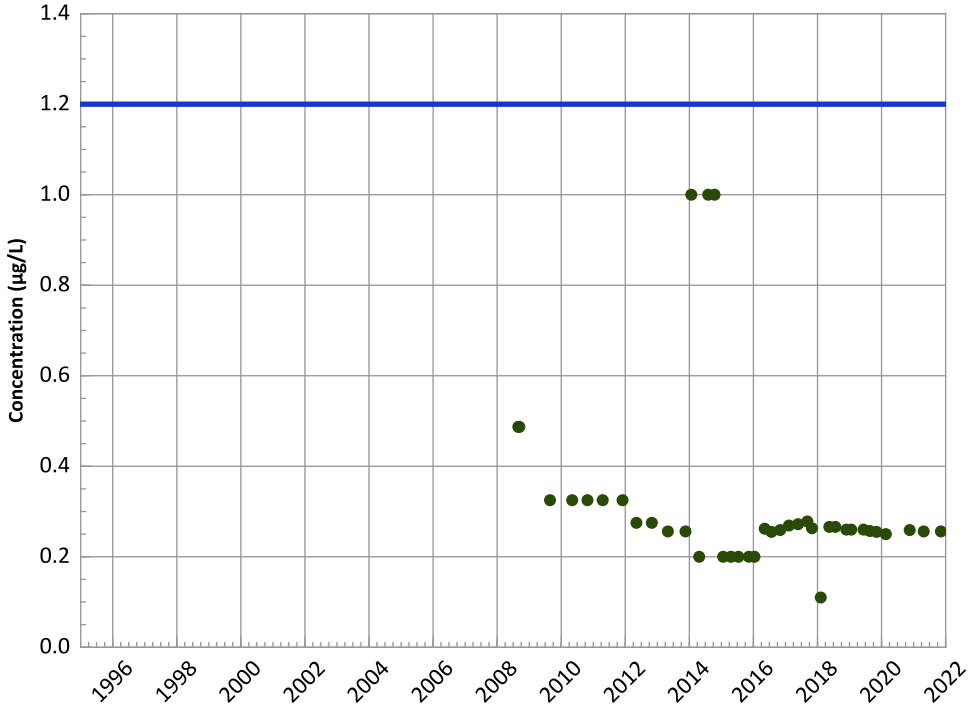


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

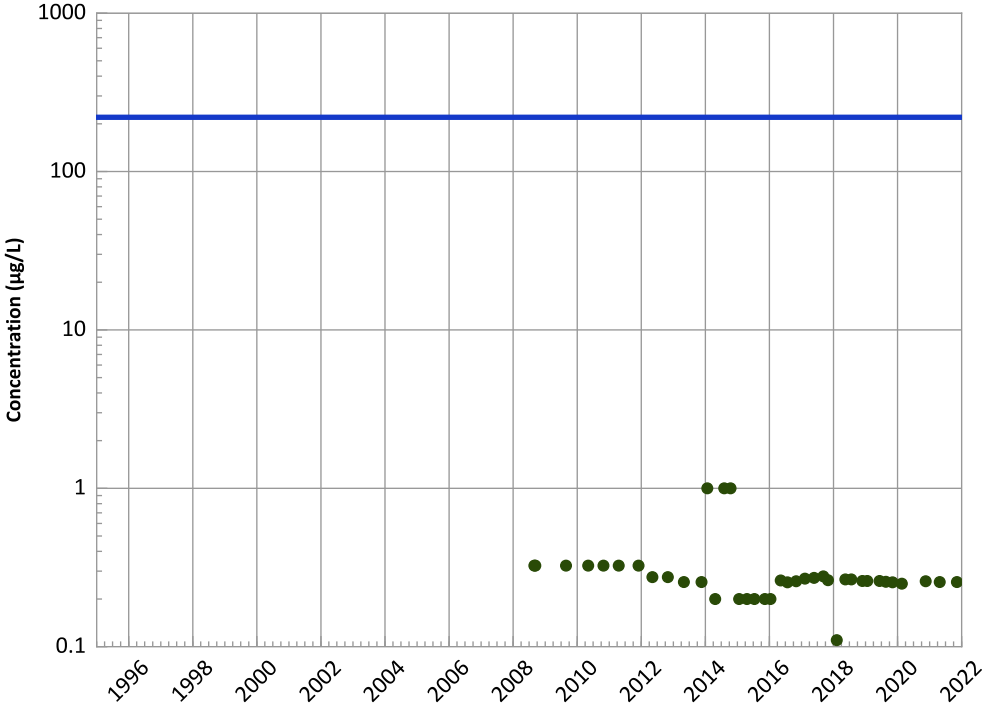


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

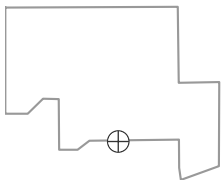
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

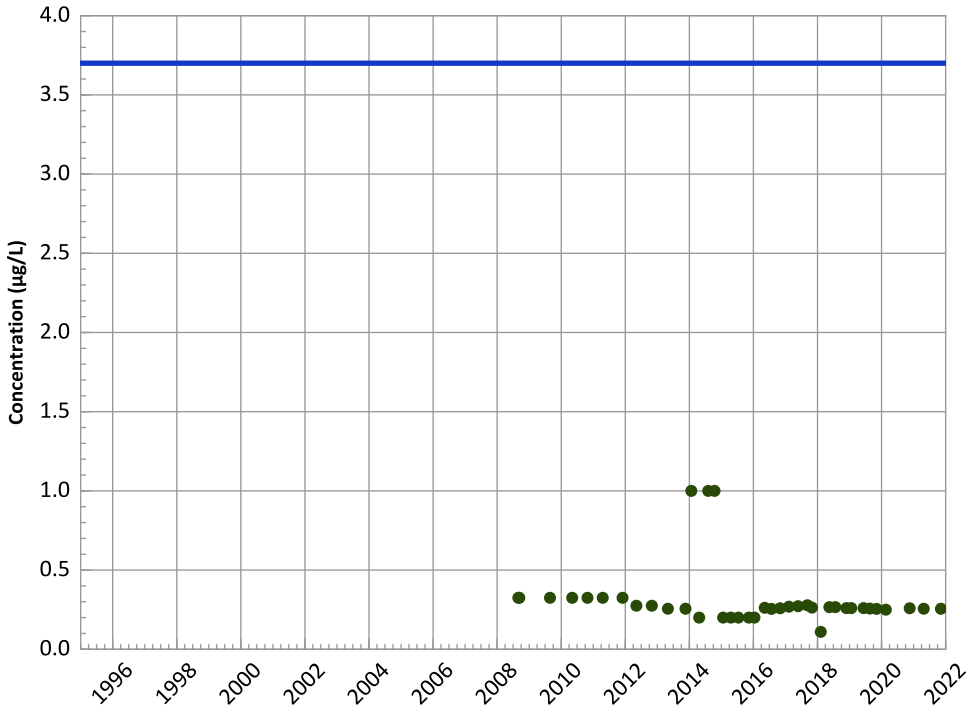
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

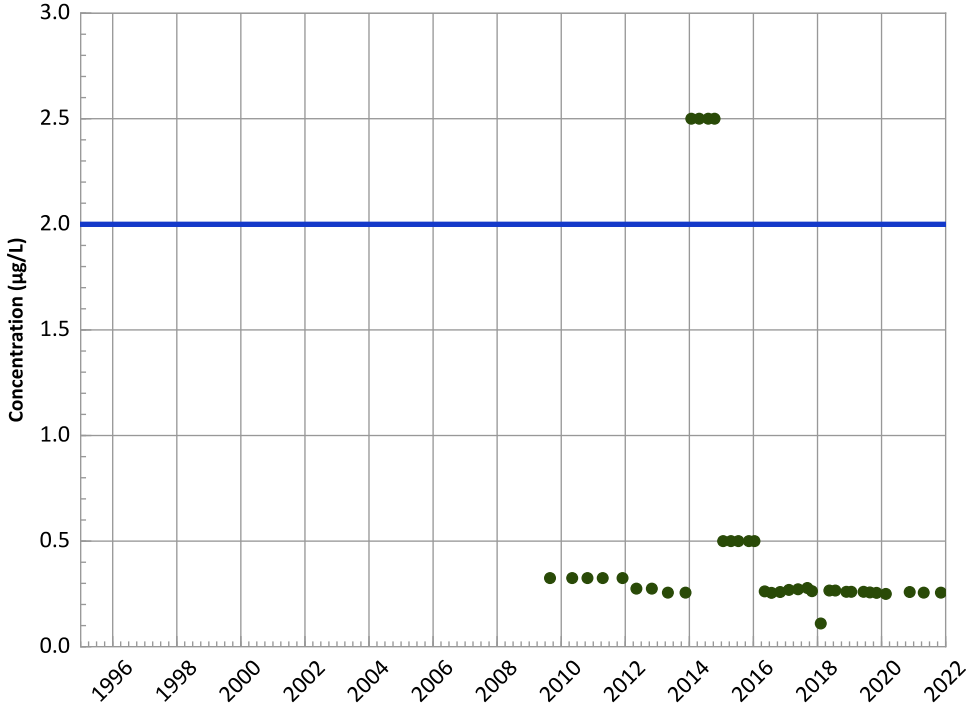


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

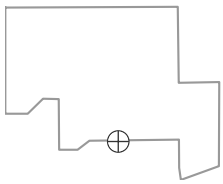
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

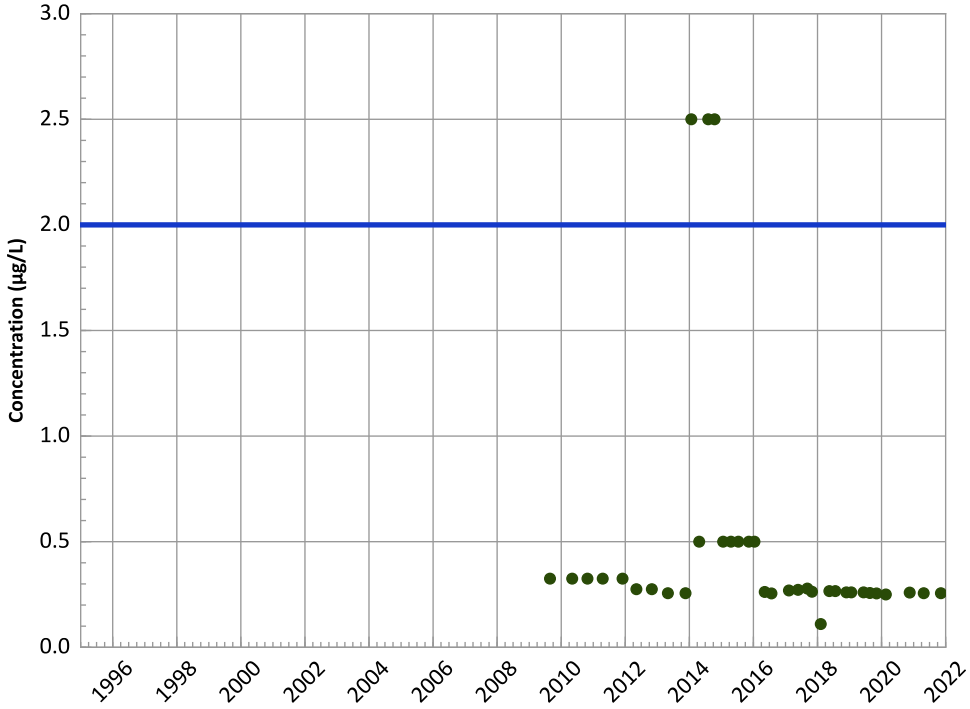
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

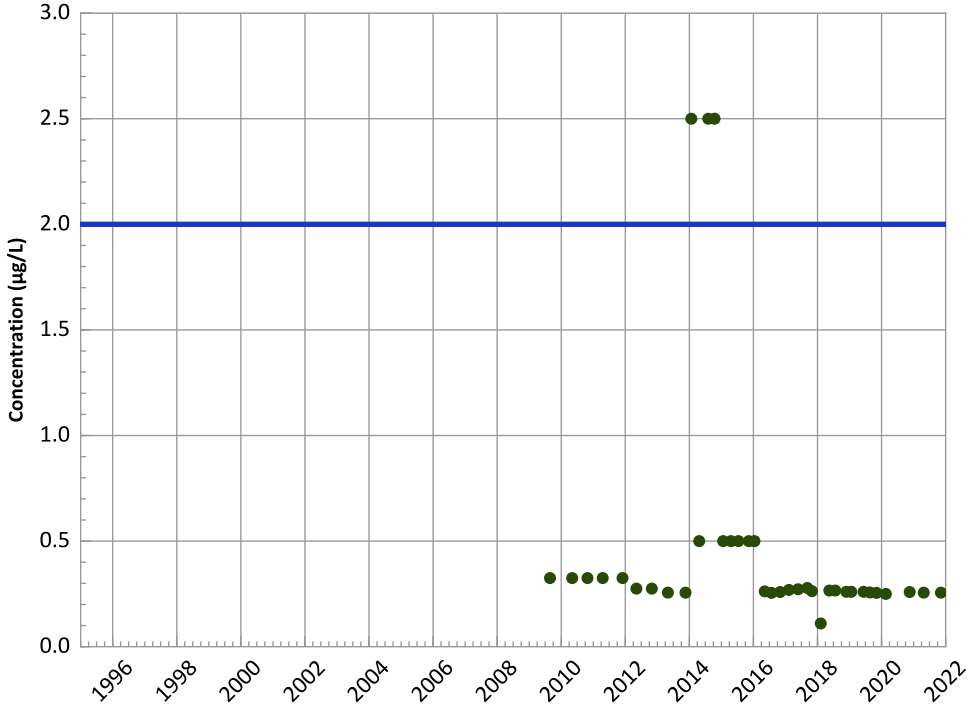


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

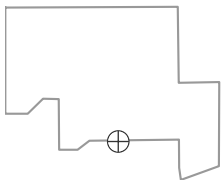


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

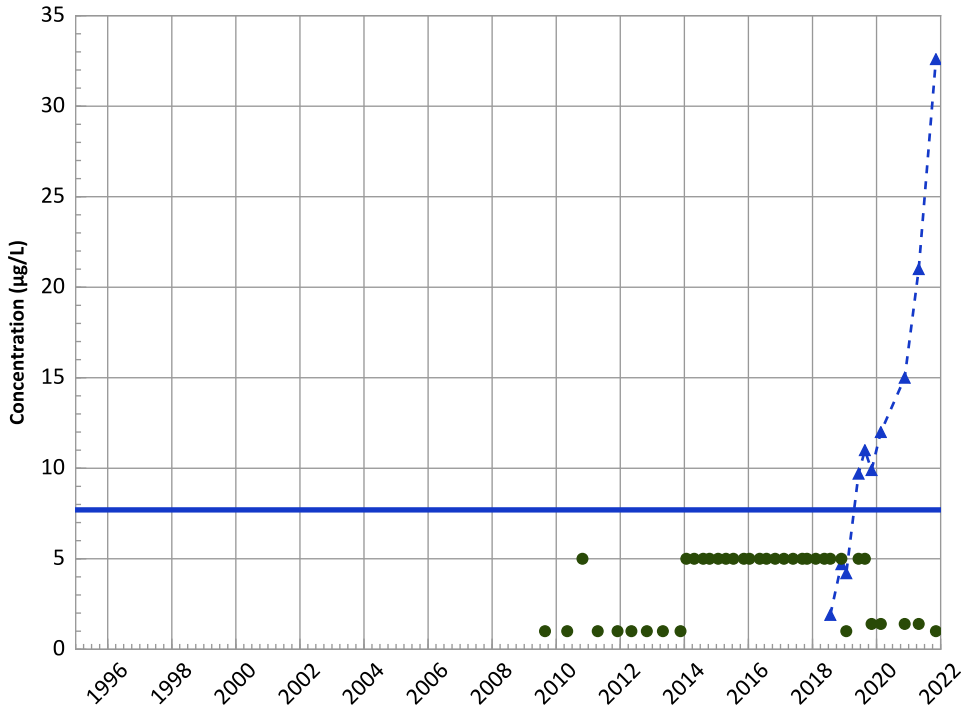


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

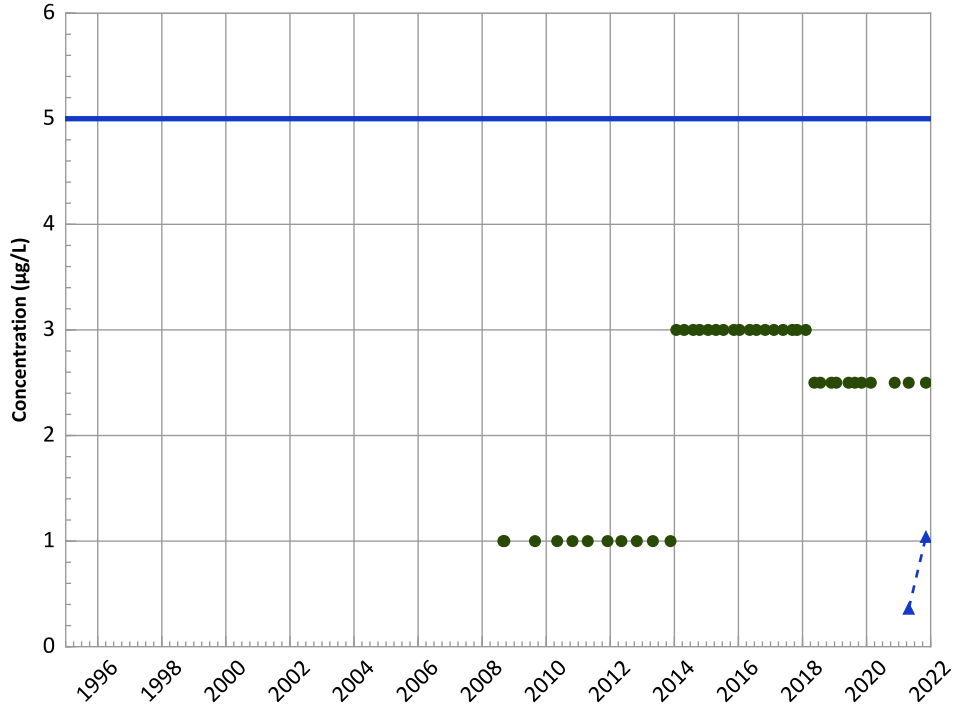


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

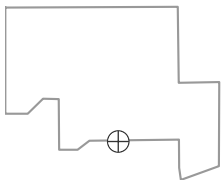
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

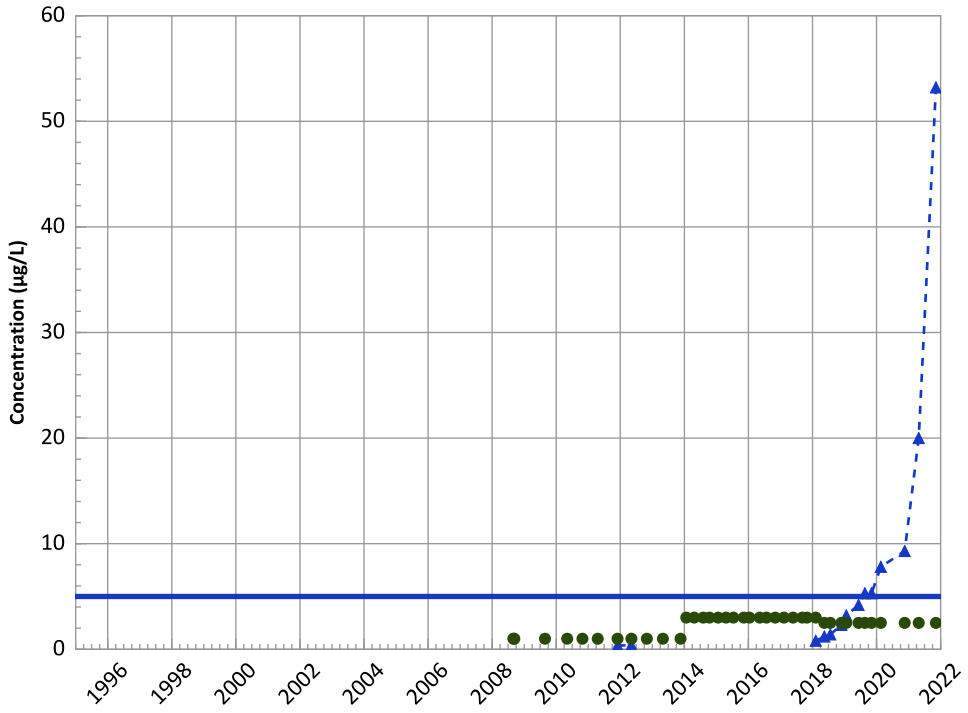
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

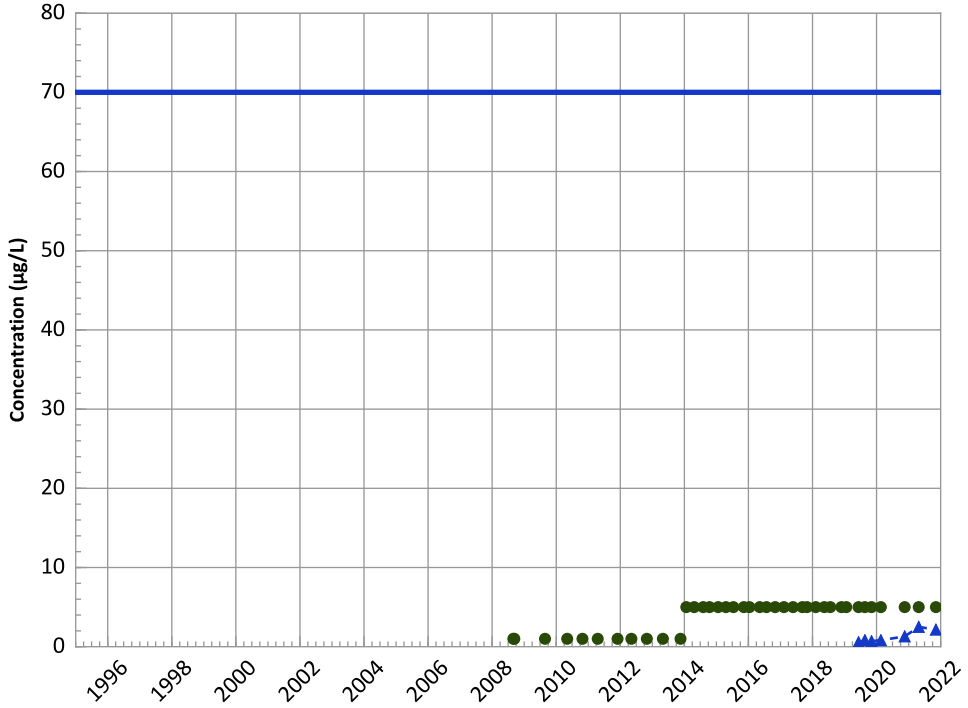


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

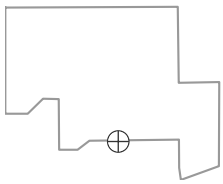
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

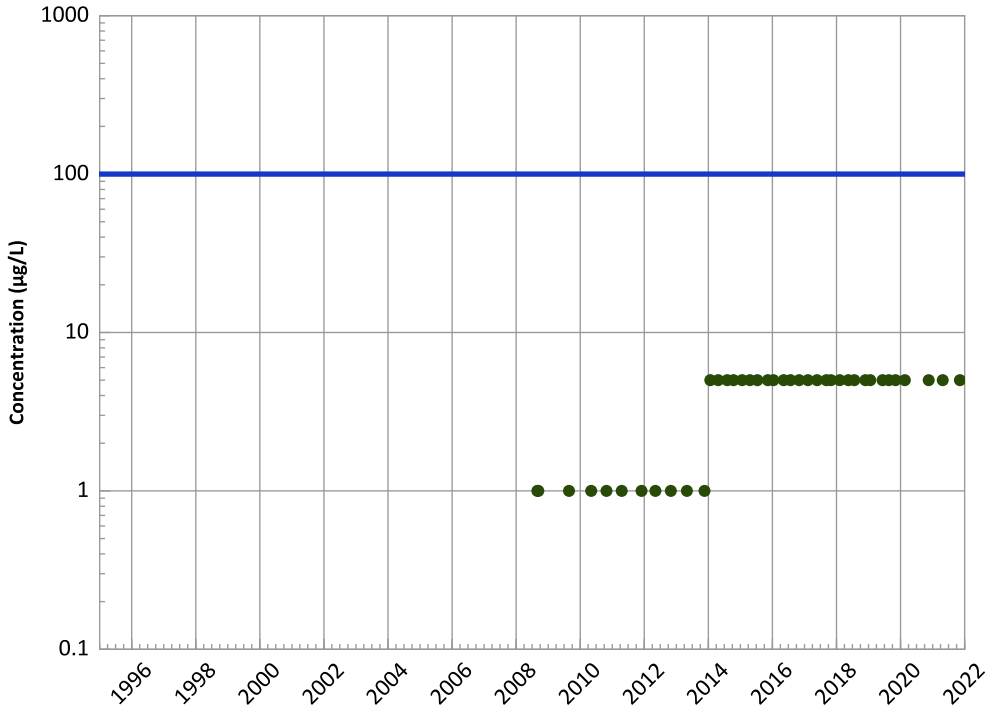
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

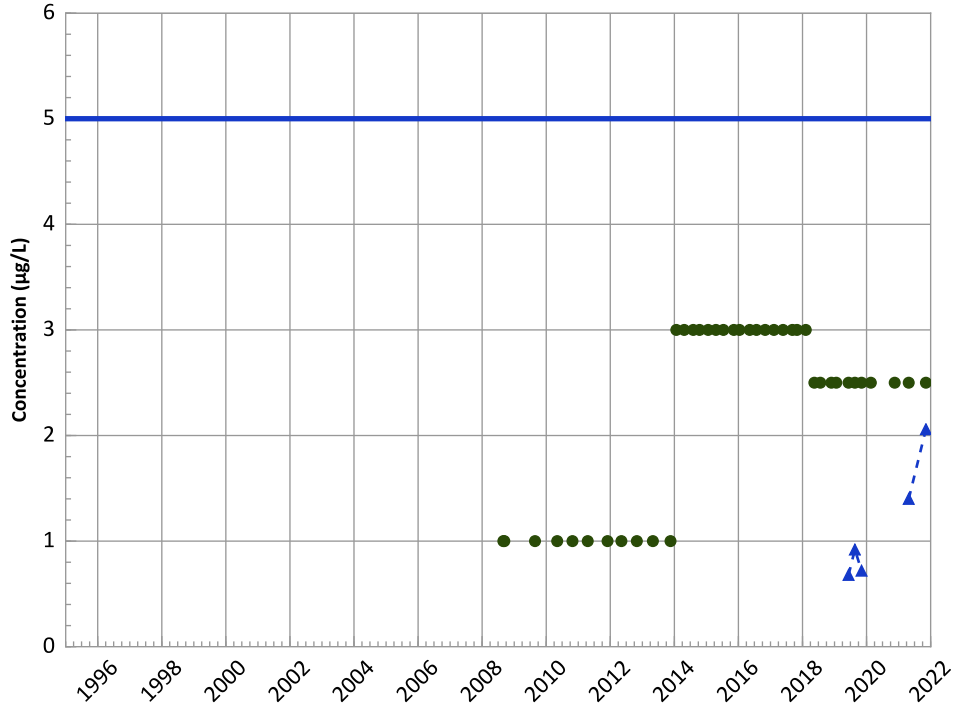


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

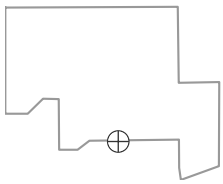
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

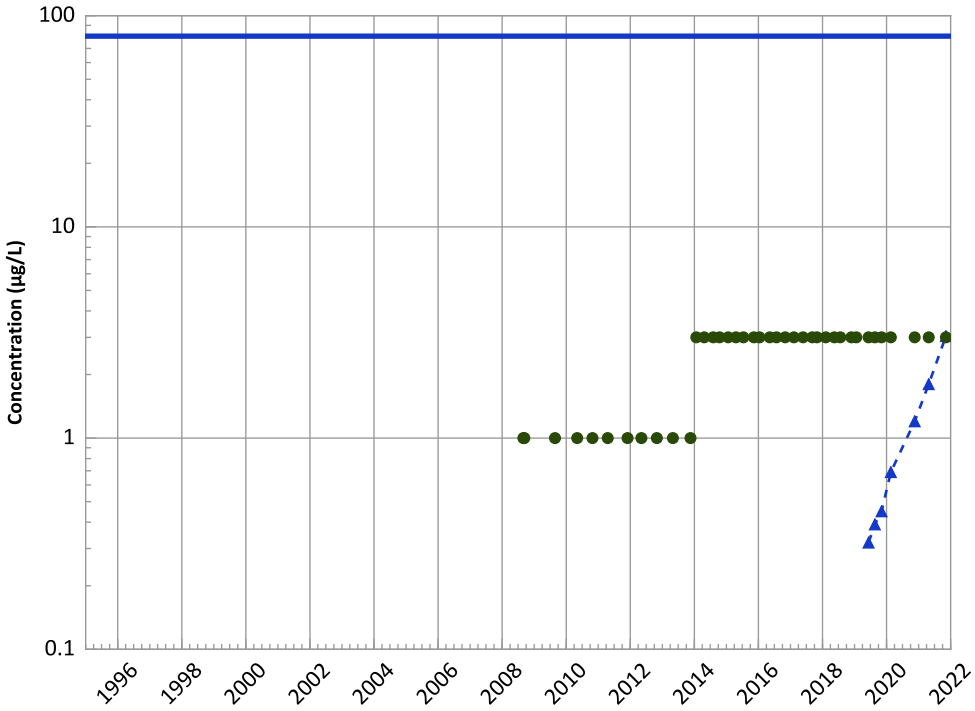
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

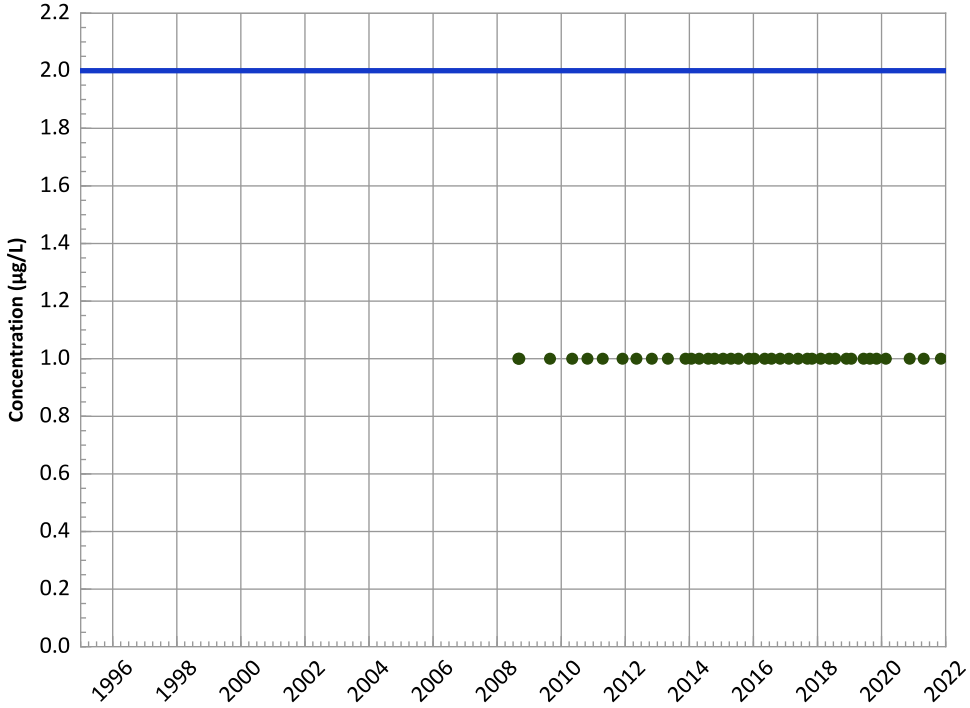


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Vinyl Chloride Trend



Concentration Trend

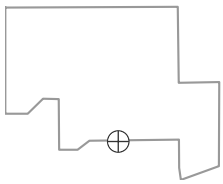
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

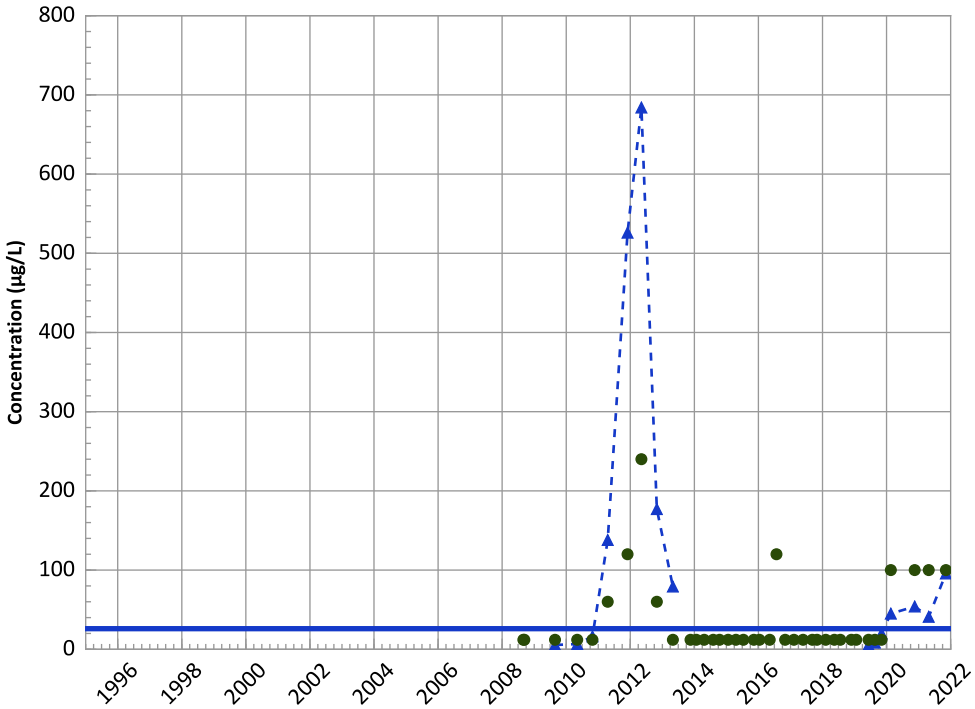
- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

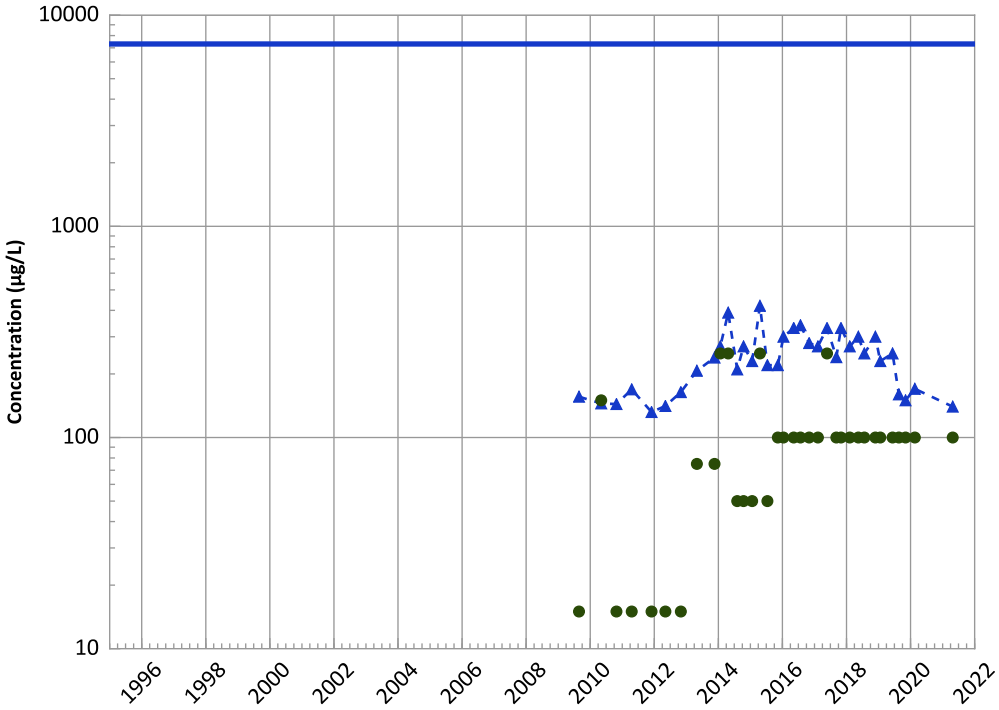


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Boron Trend



Concentration Trend

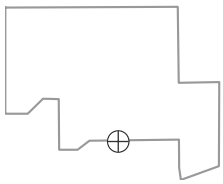
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

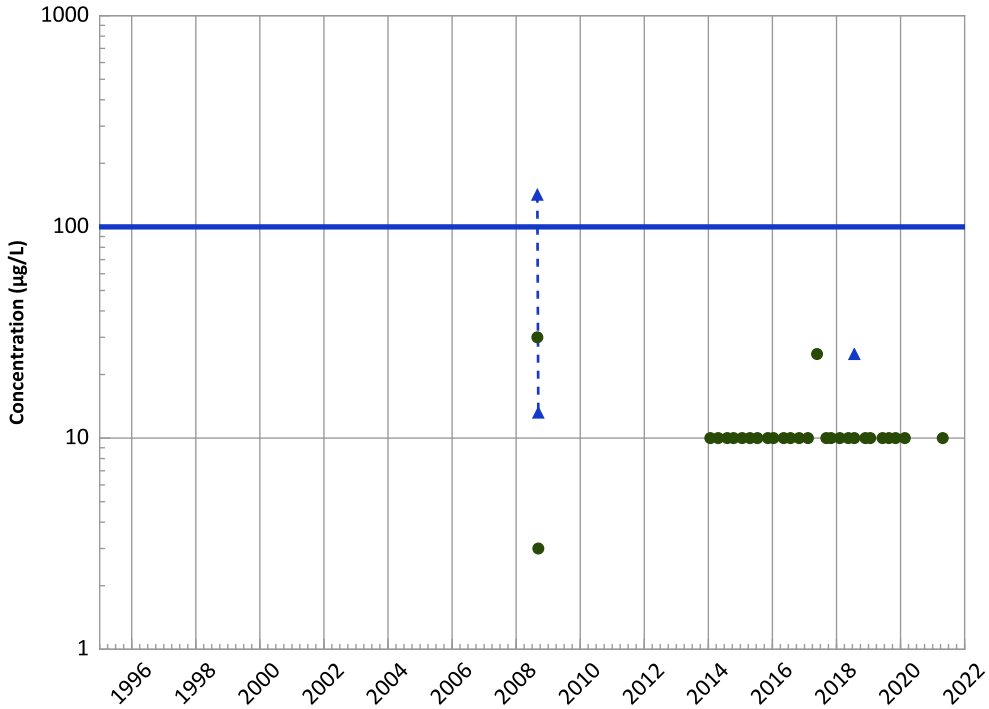
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

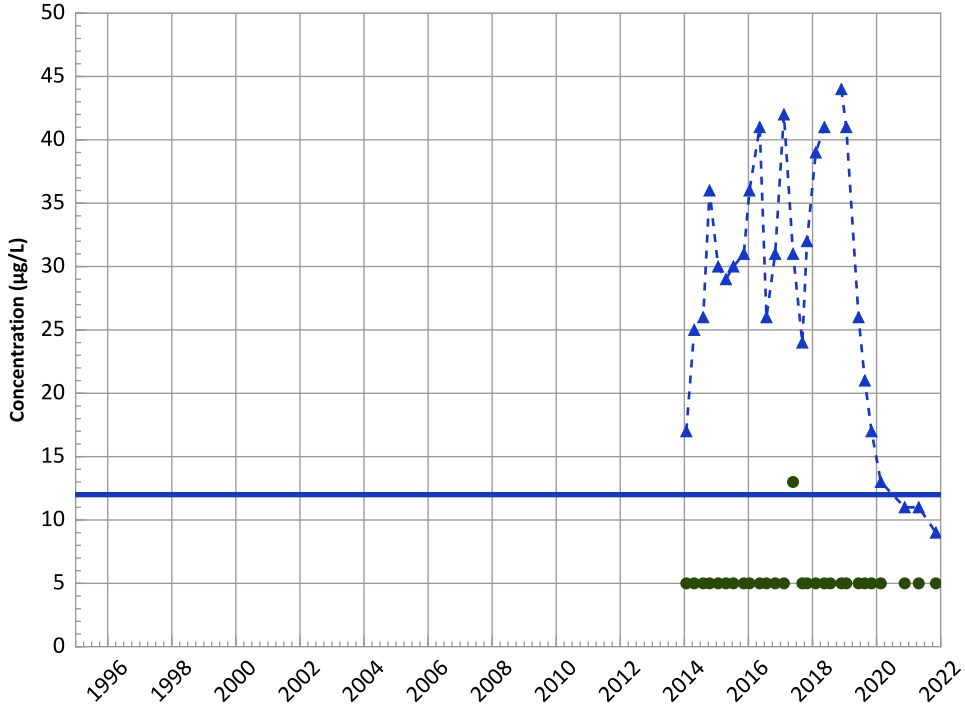


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

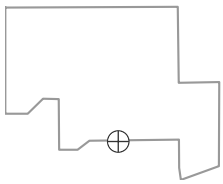
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

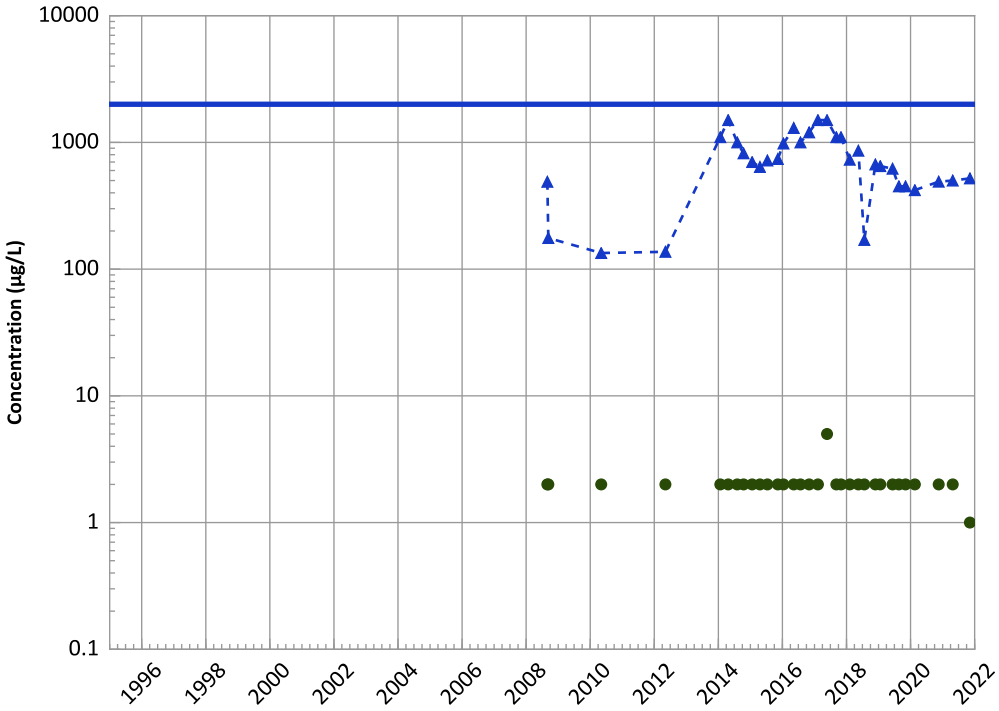
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

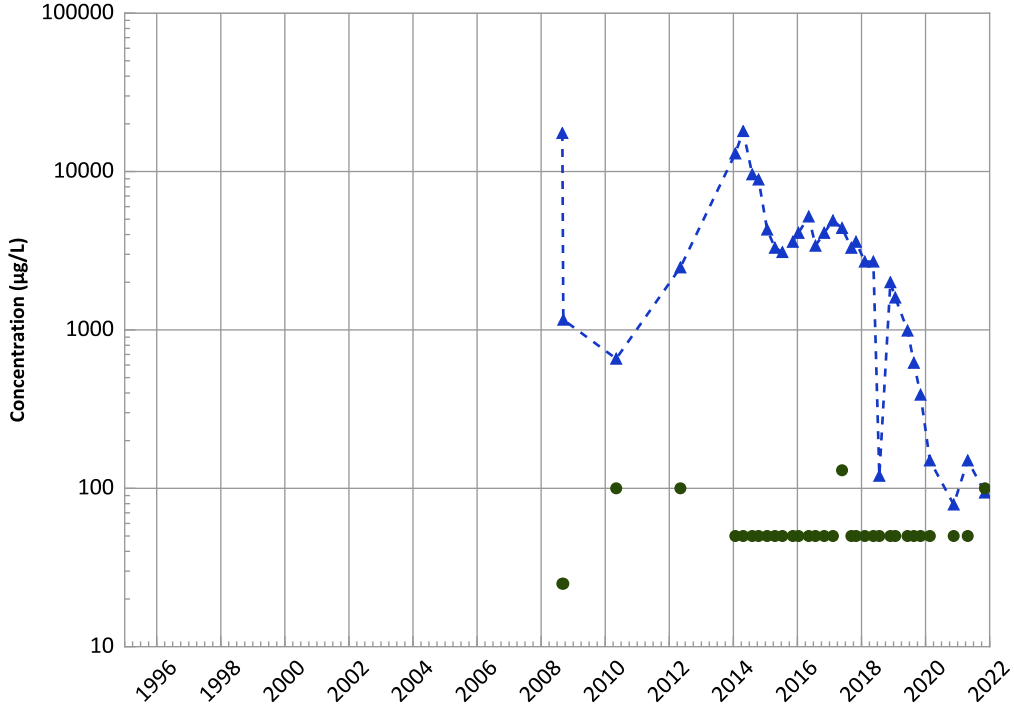


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Iron Trend



Concentration Trend

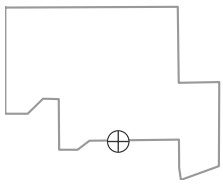
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

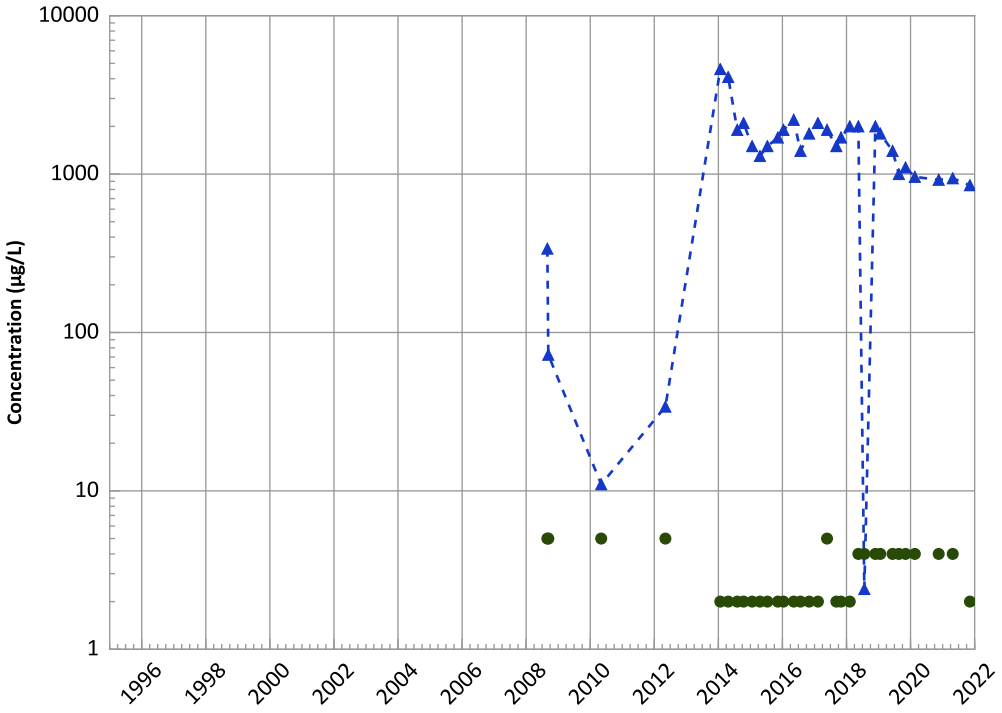
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

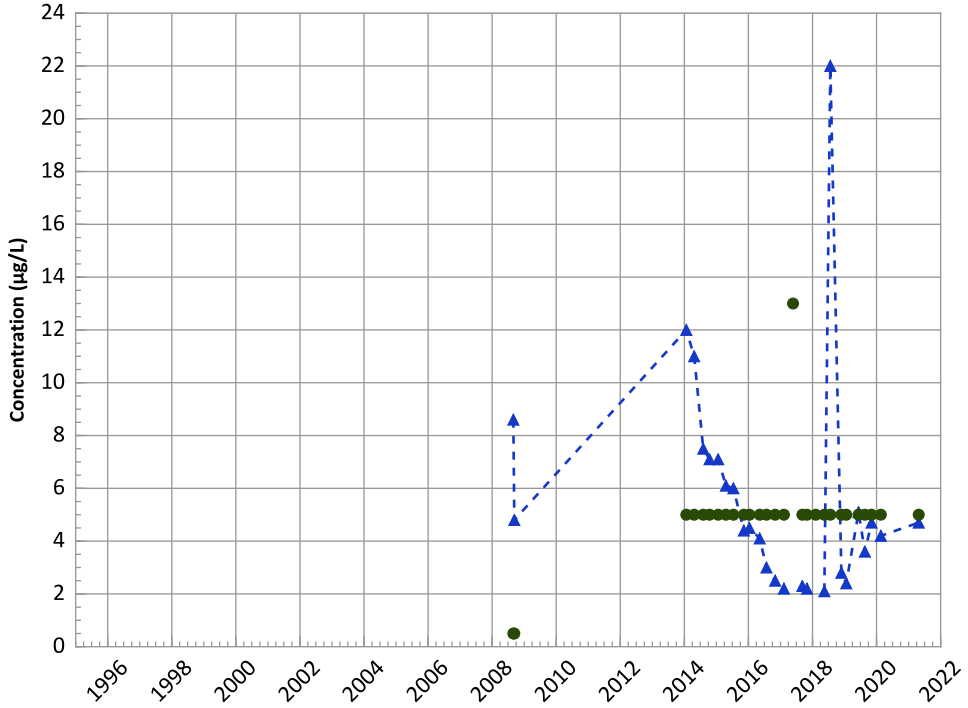


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Molybdenum Trend



Concentration Trend

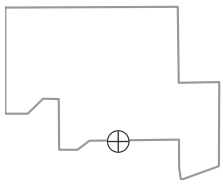
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

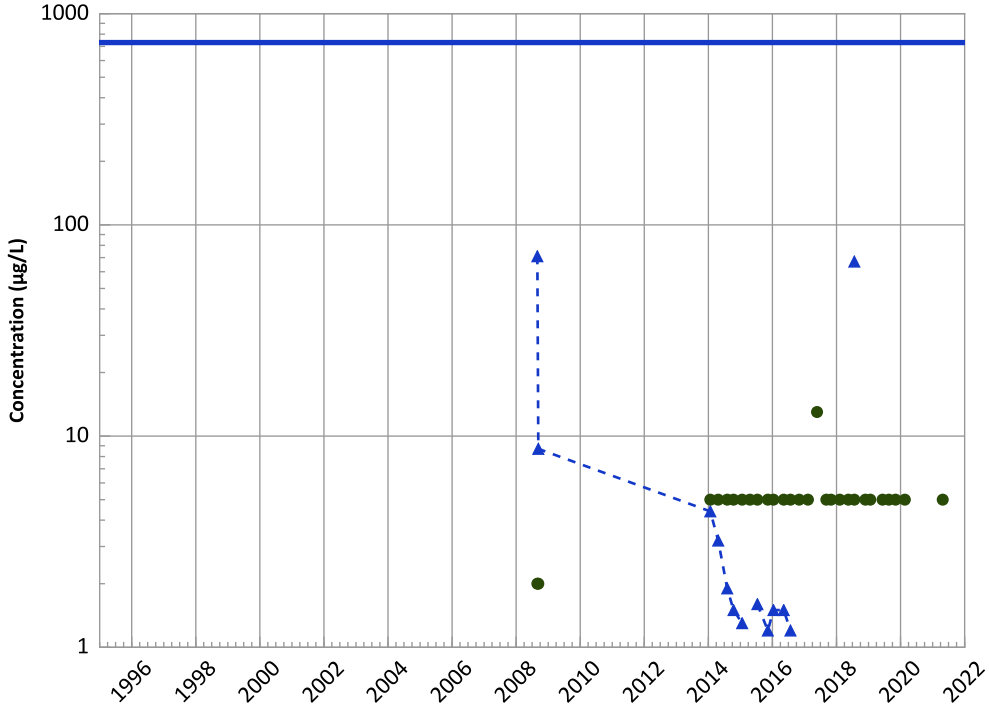
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

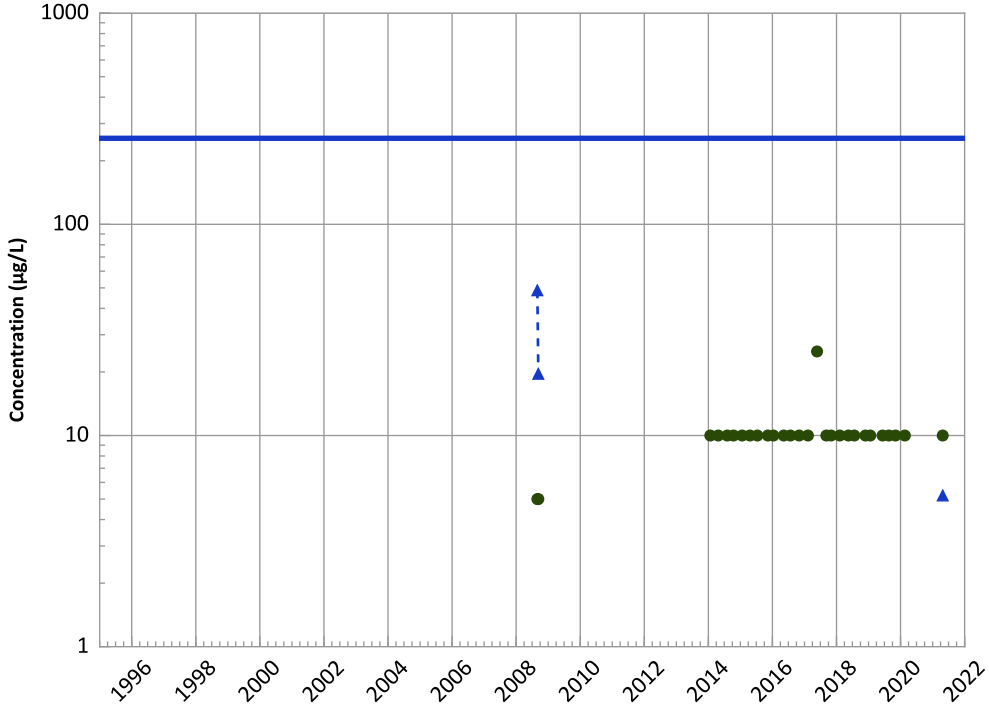


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

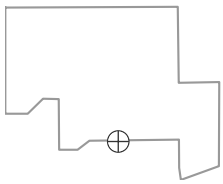
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

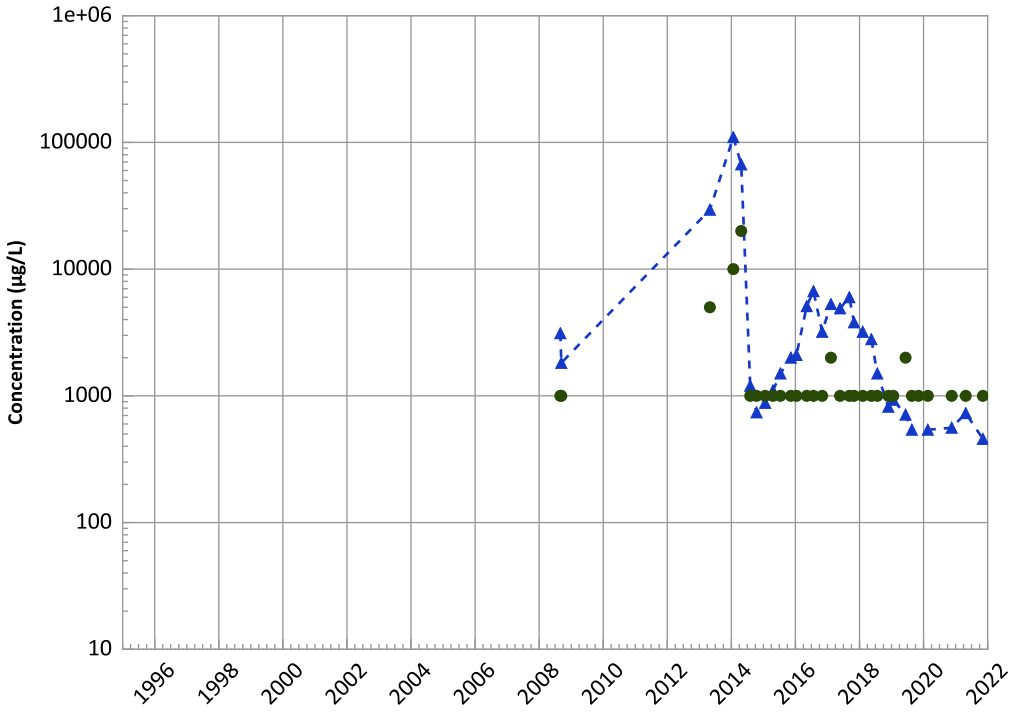
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1149 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

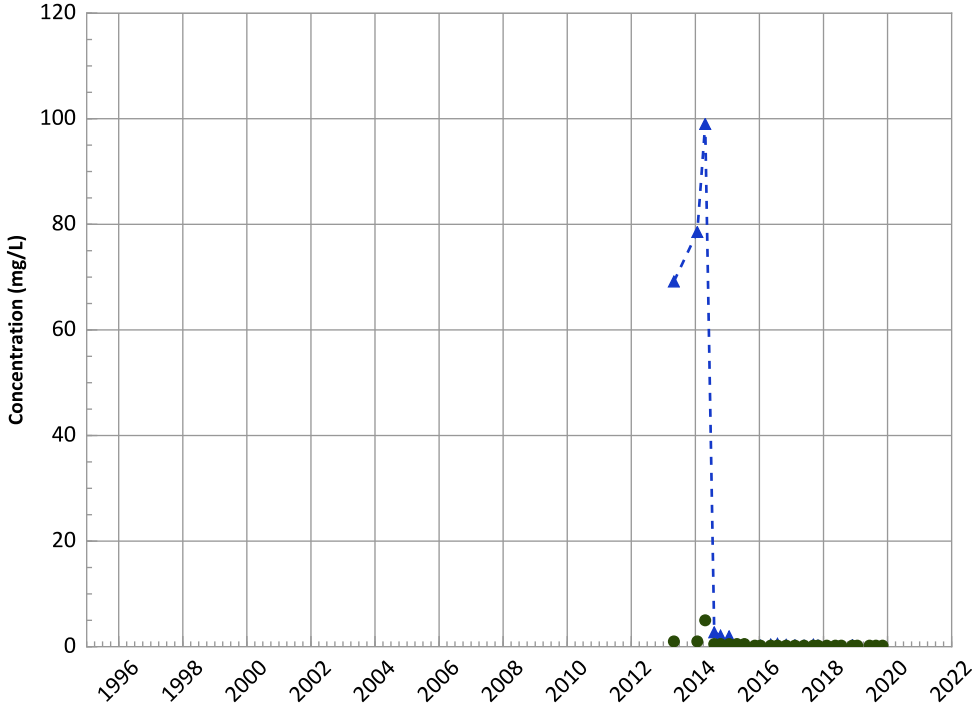


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

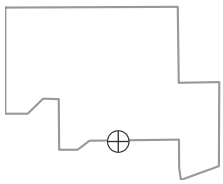
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

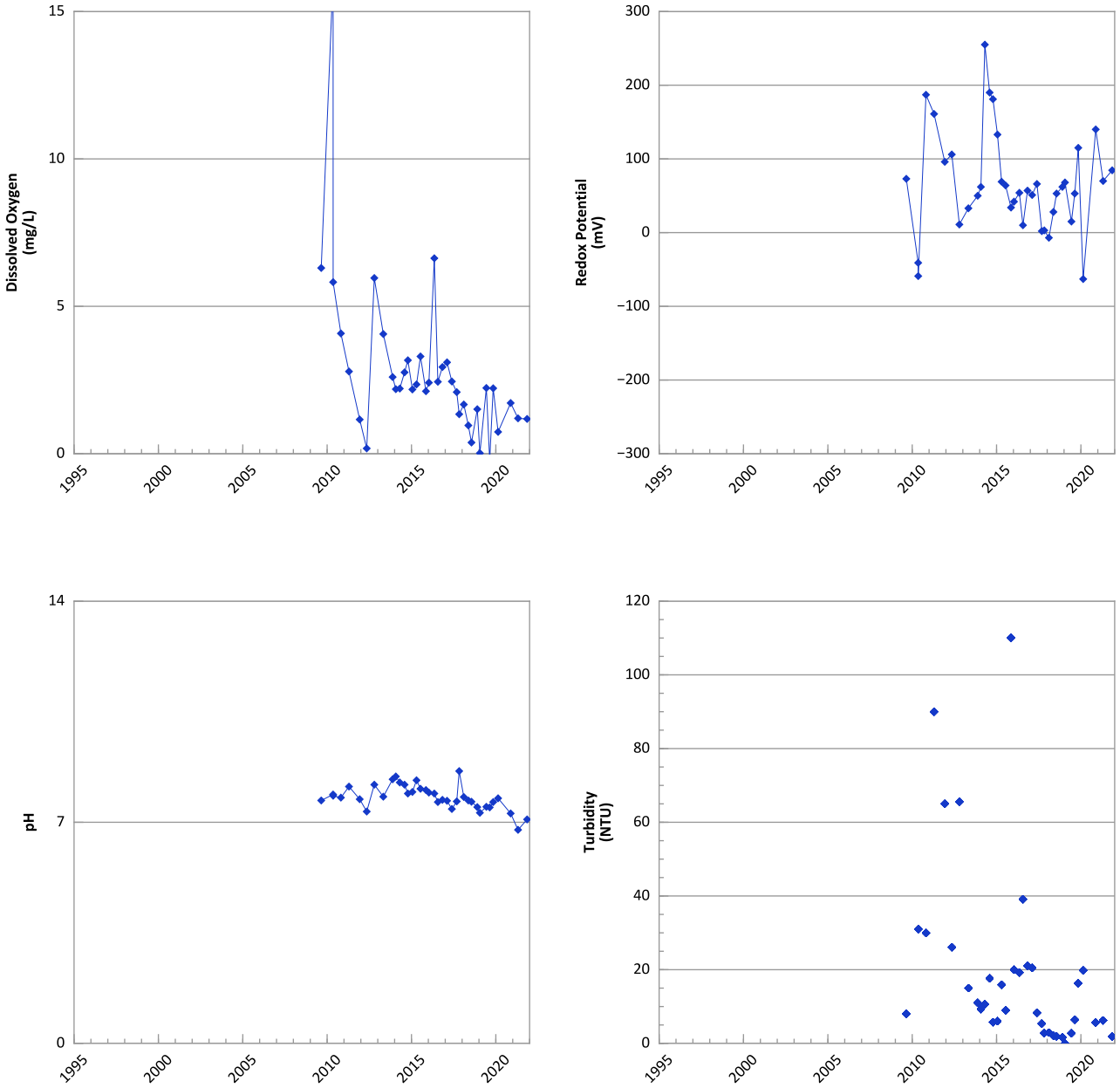
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

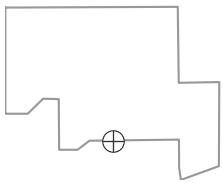
Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

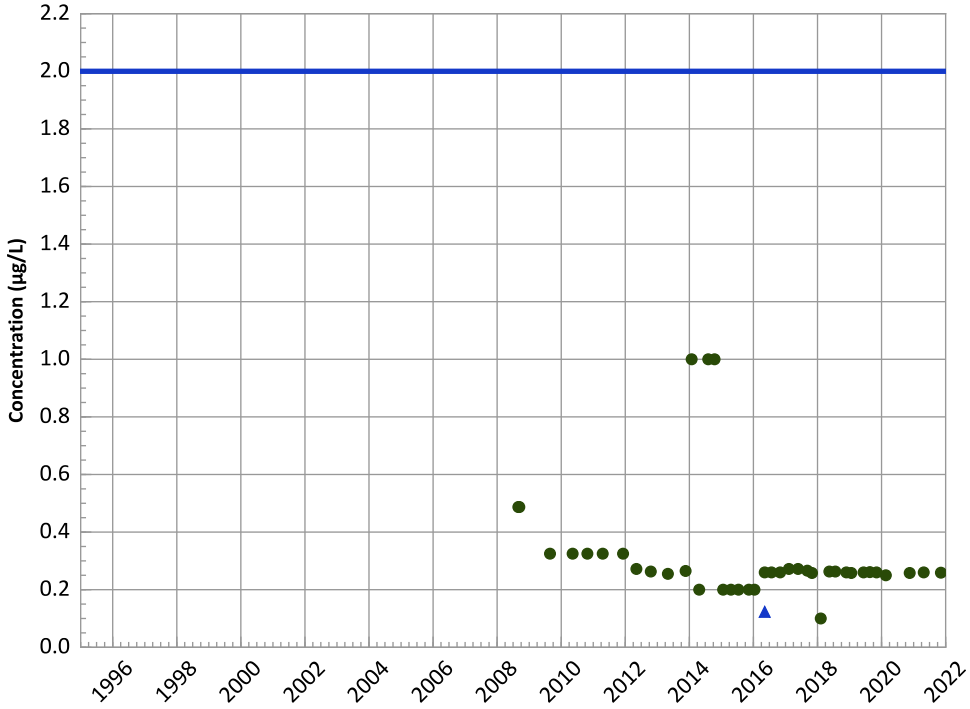


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

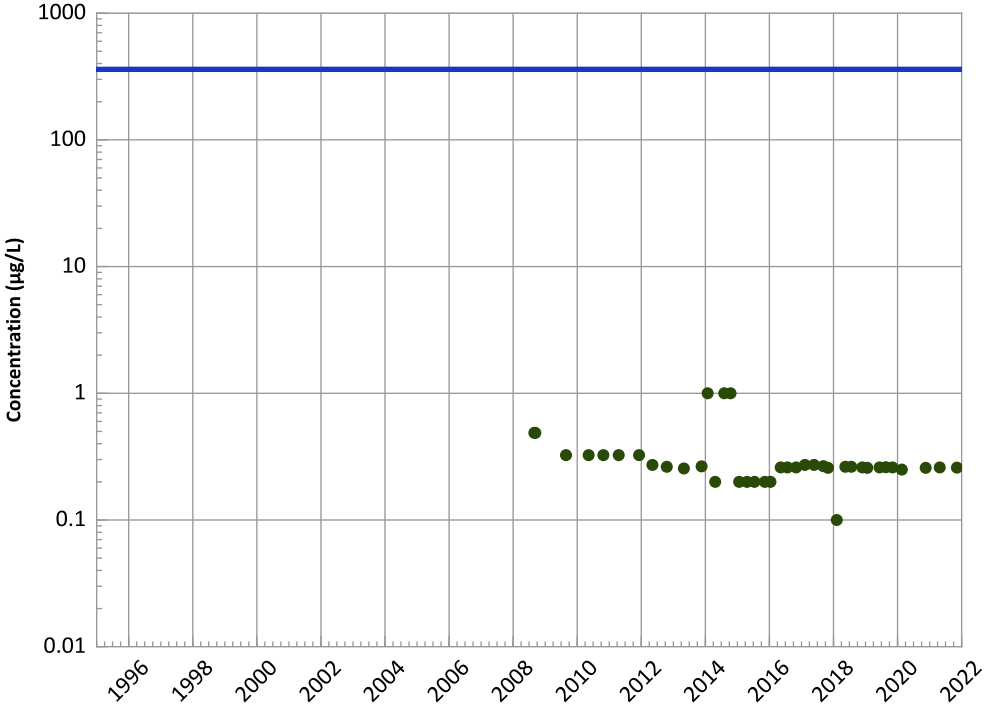


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

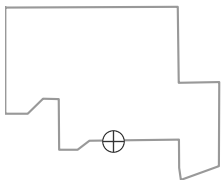
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

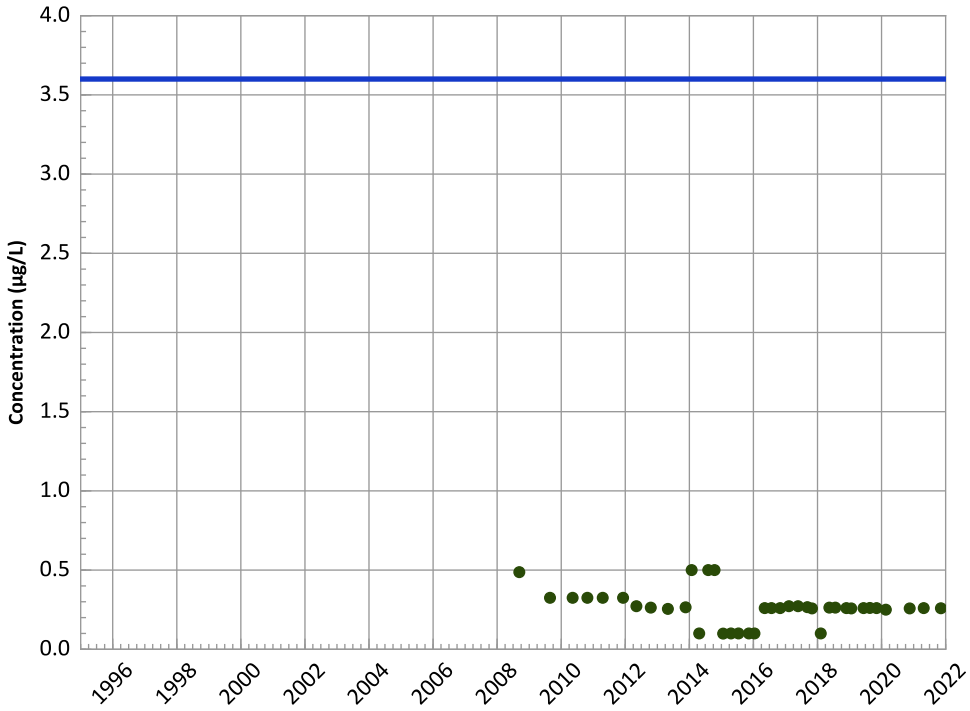
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

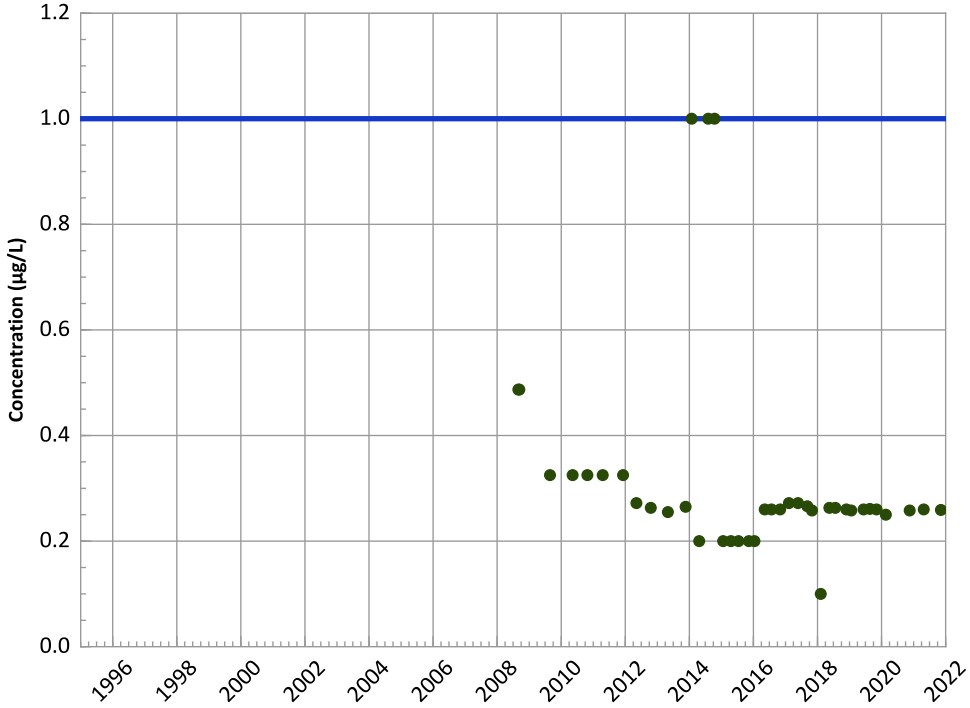


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

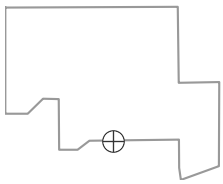
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

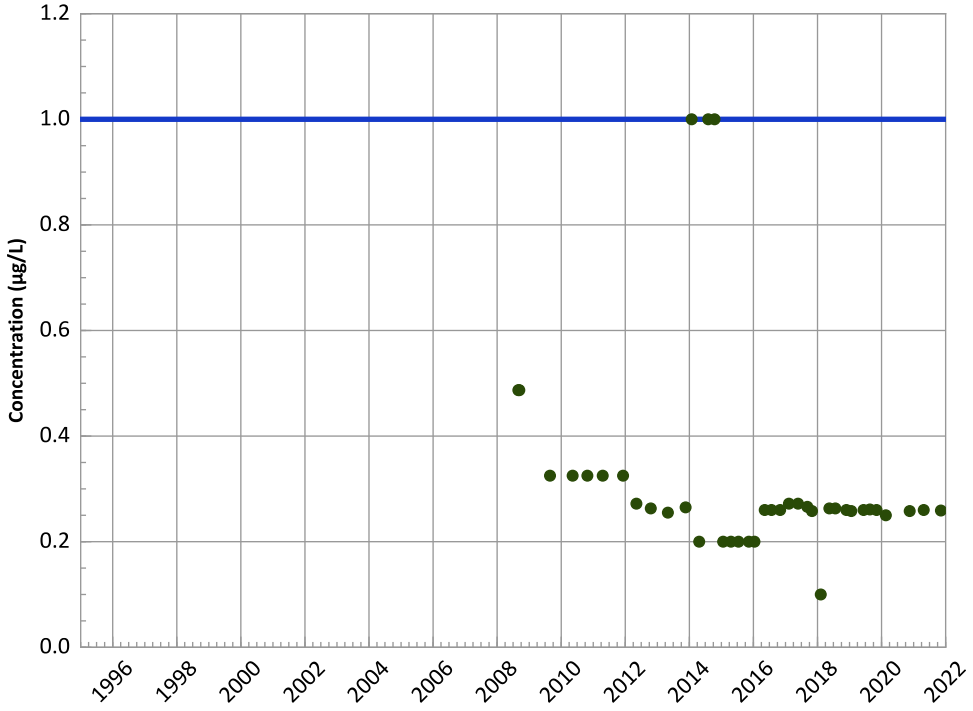
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

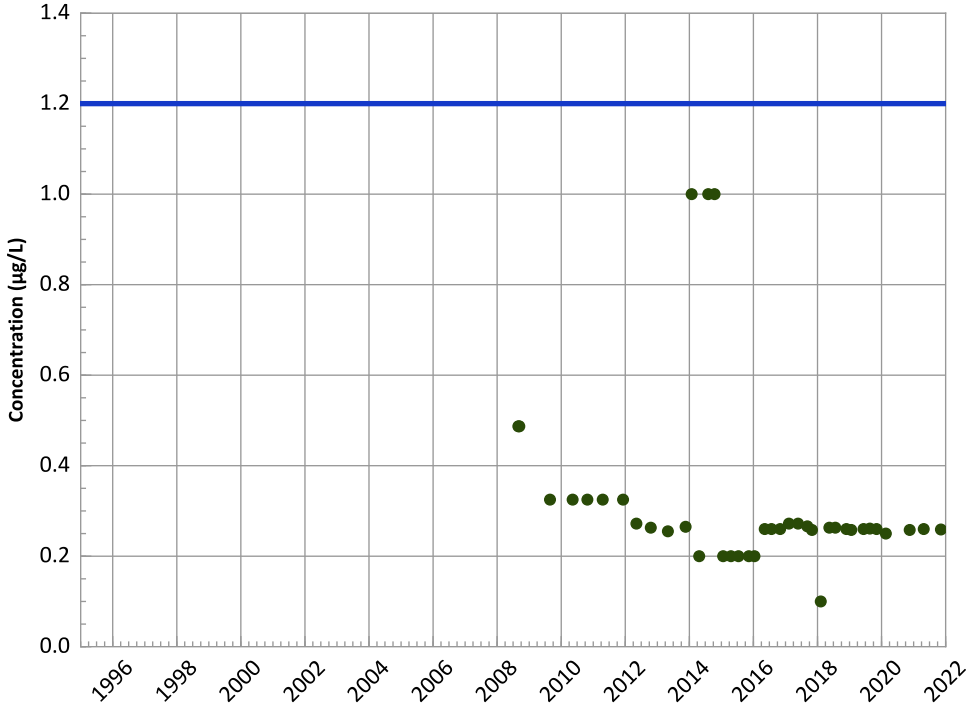


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

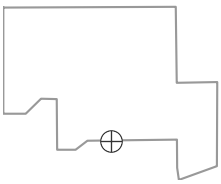
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

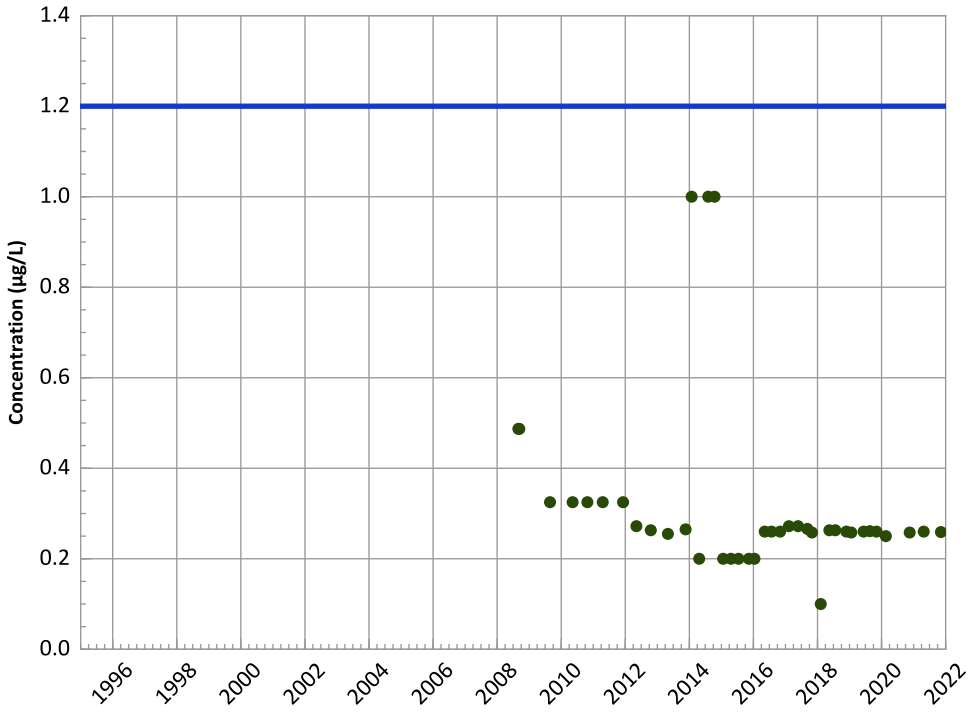
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

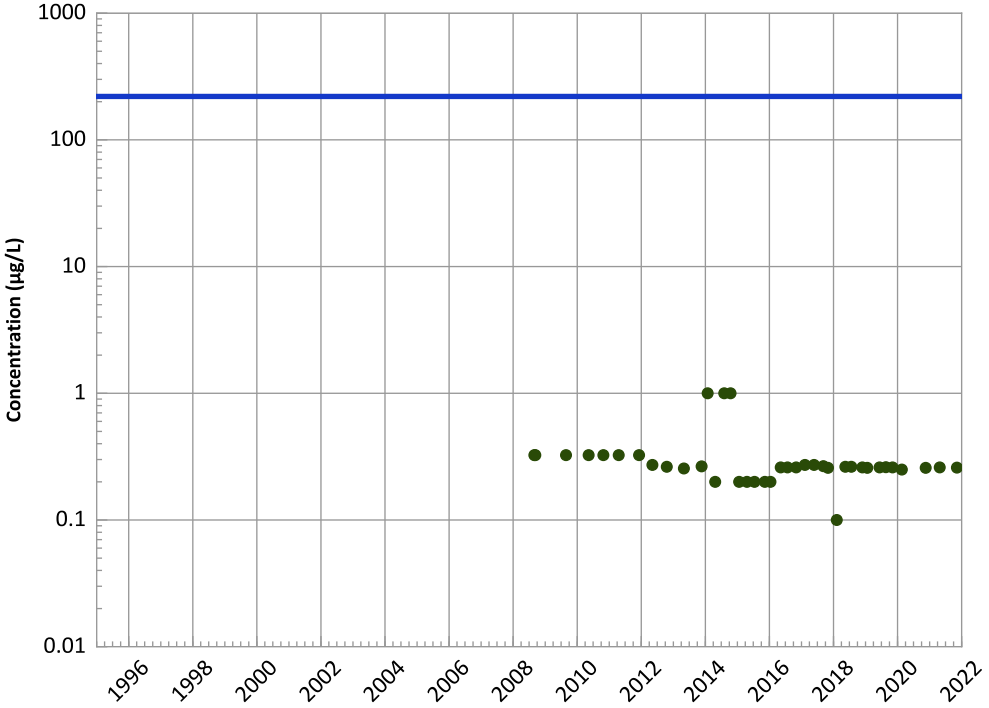


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

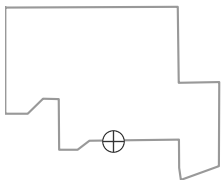
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

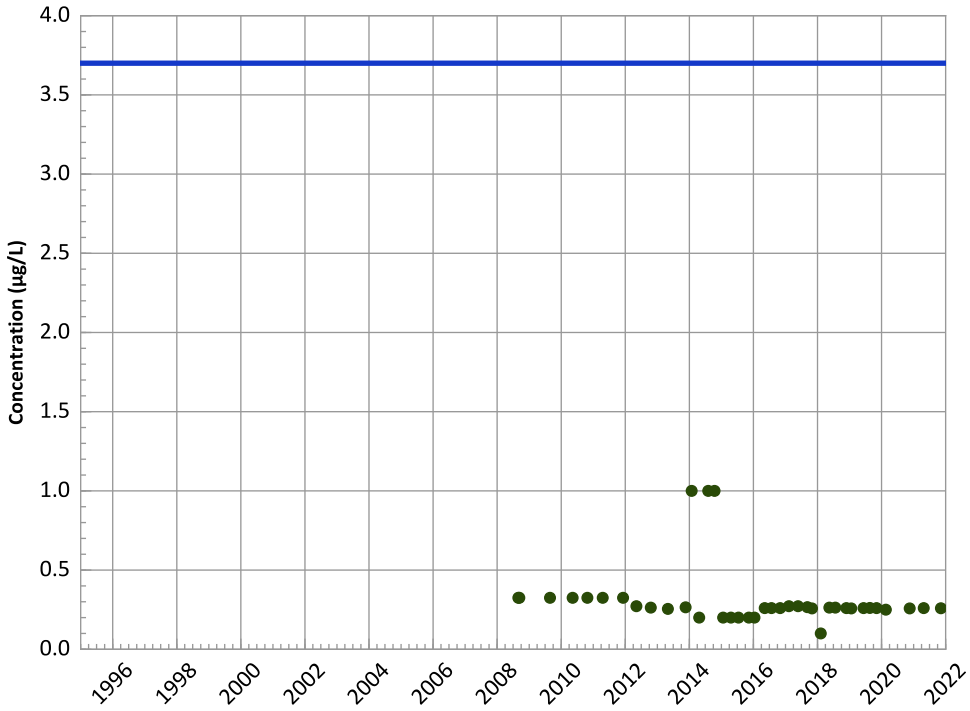
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

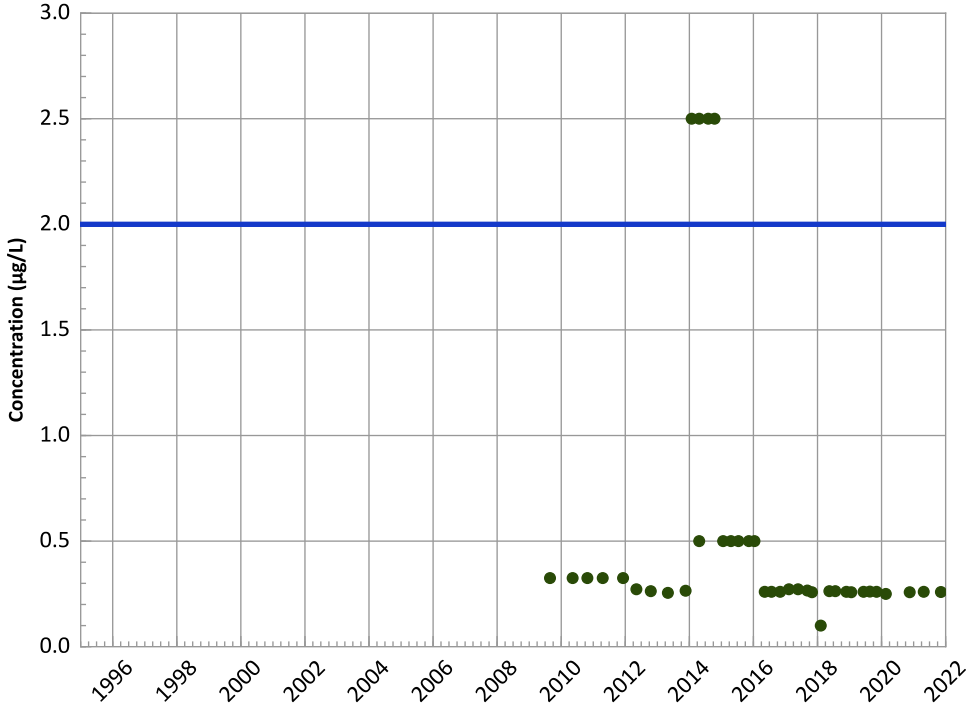


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend

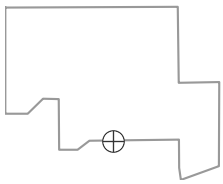


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

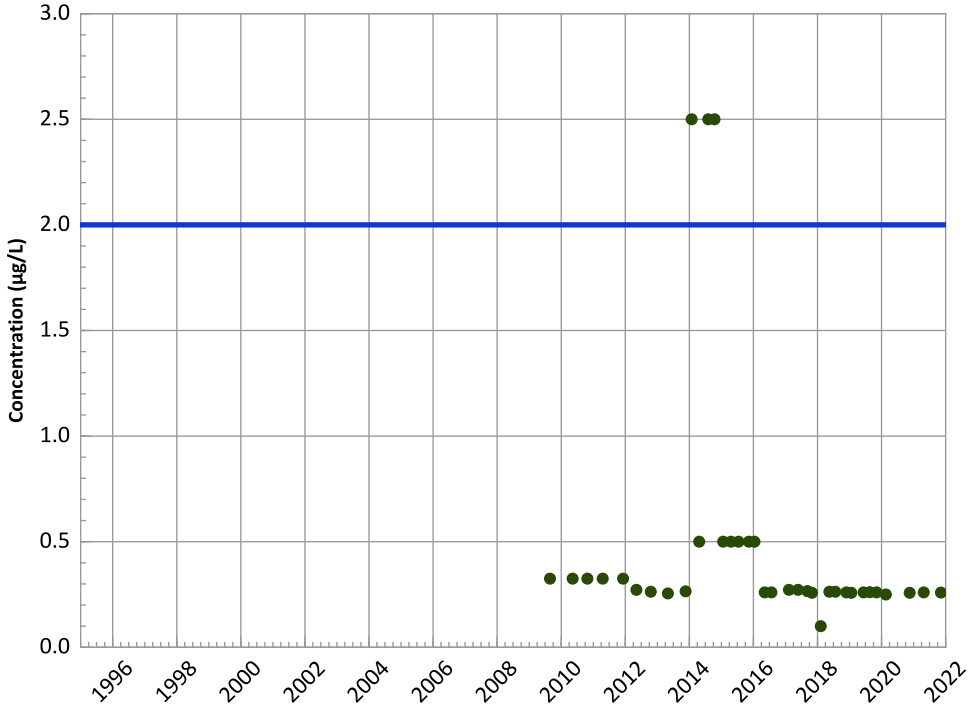


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

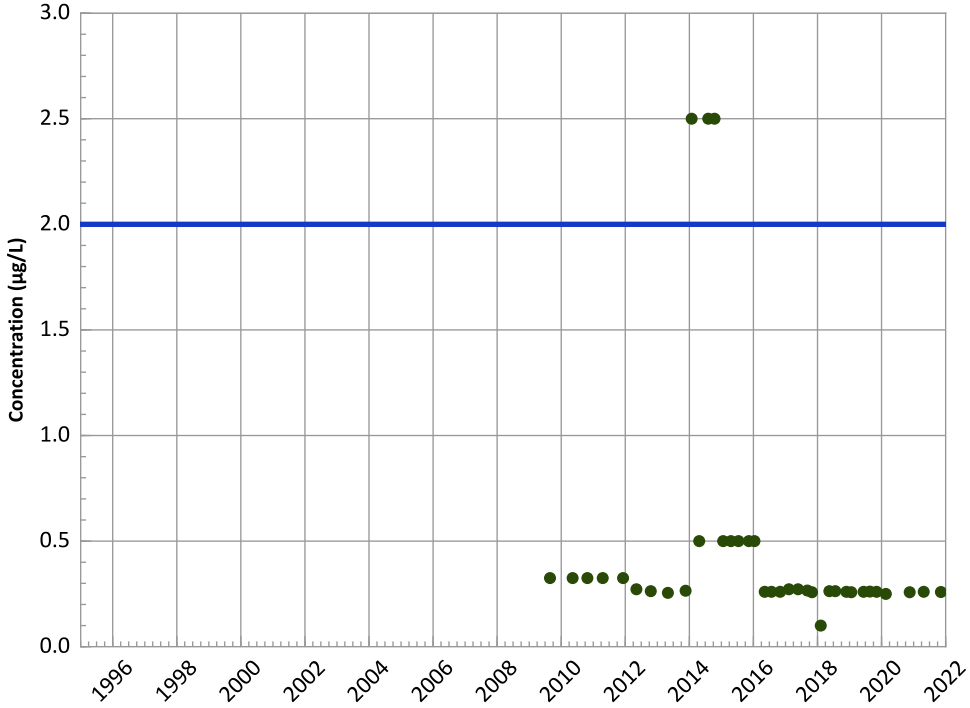


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend

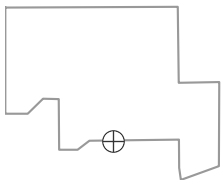


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

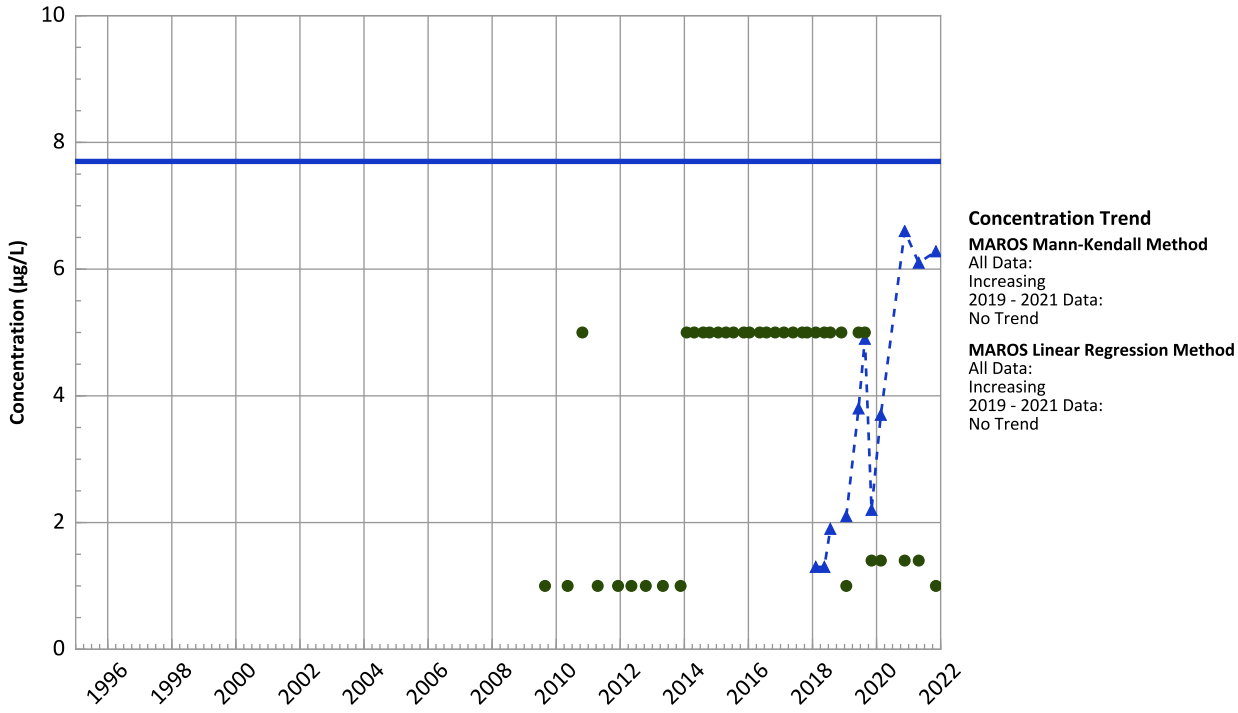


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

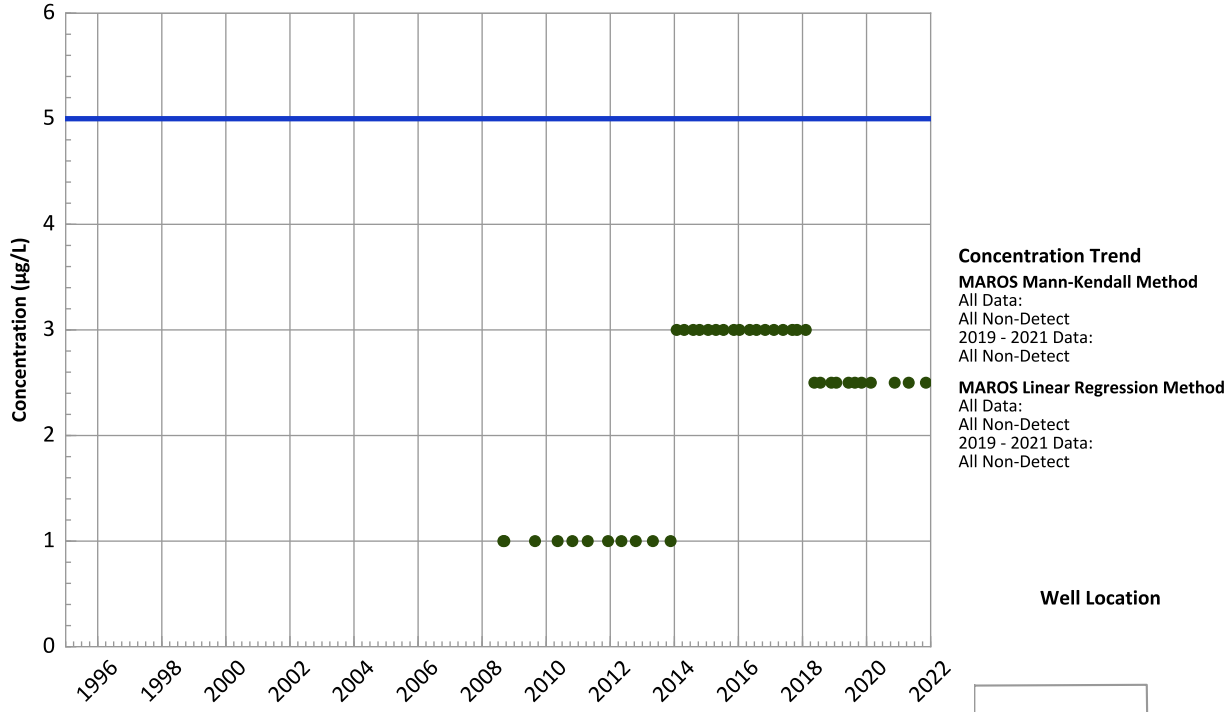
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend



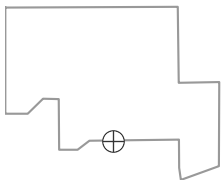
Tetrachloroethylene (PCE) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

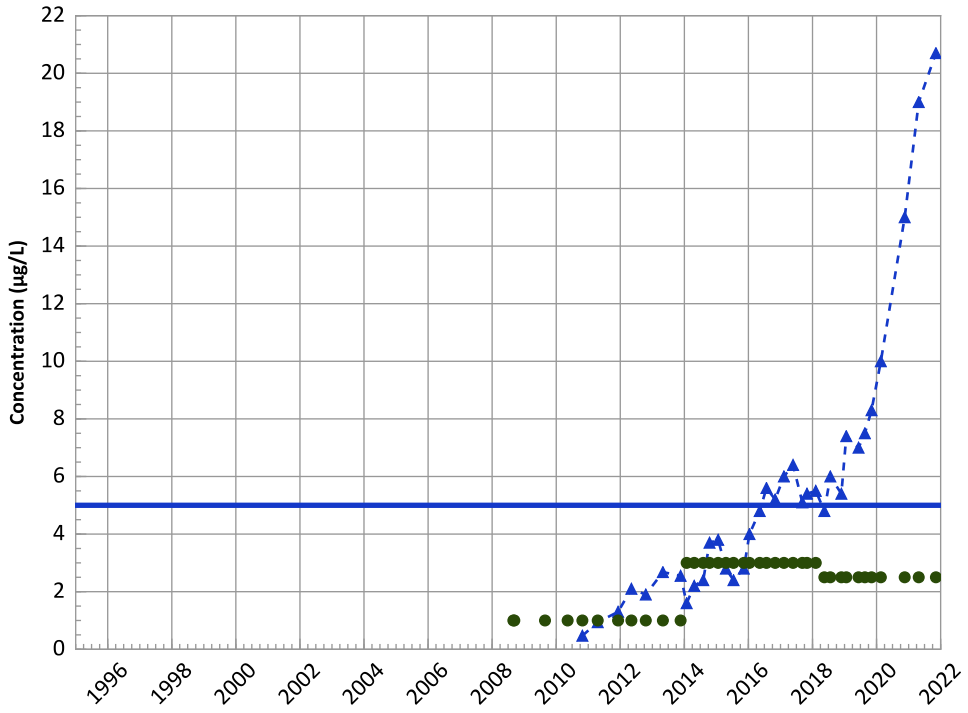
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

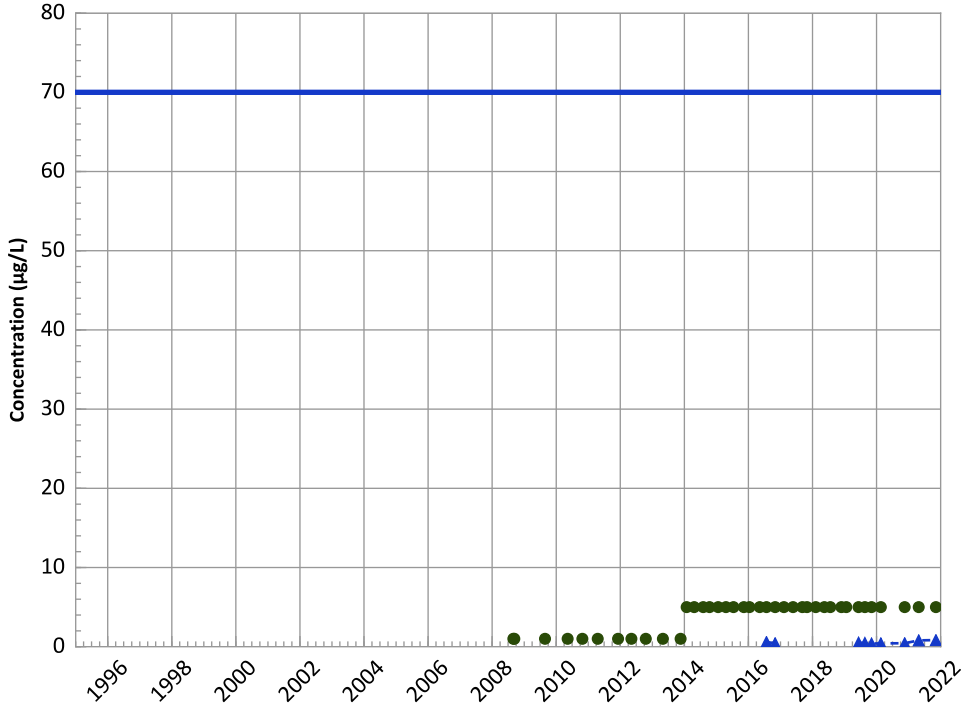


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

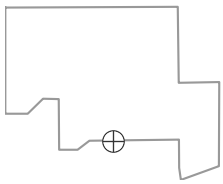
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

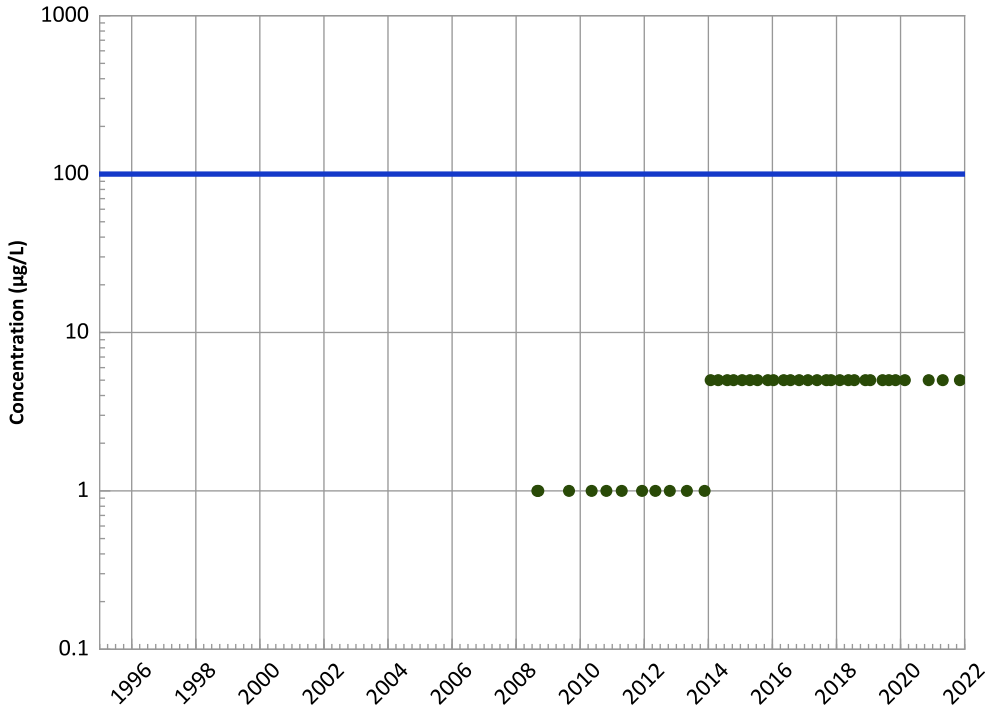
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

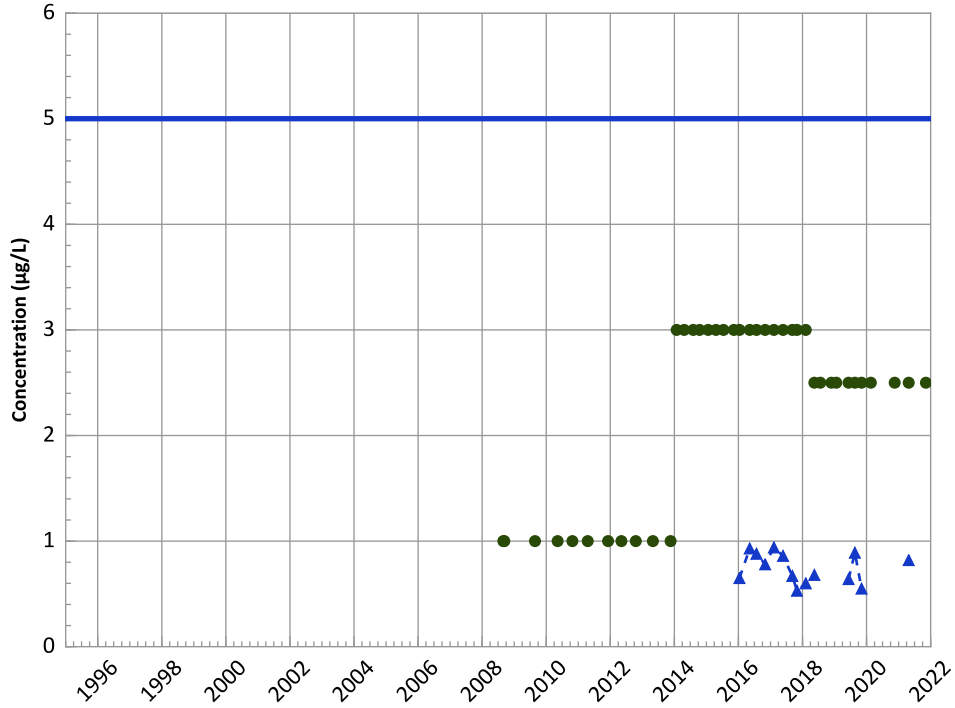


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

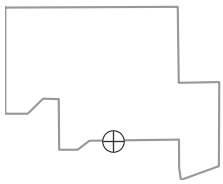
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

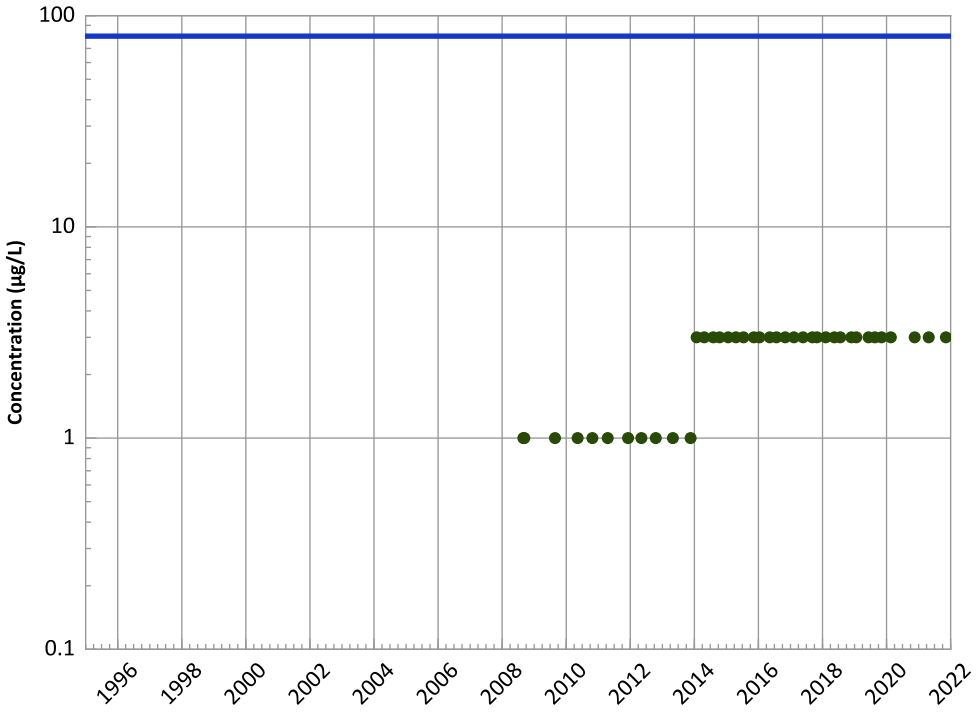
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

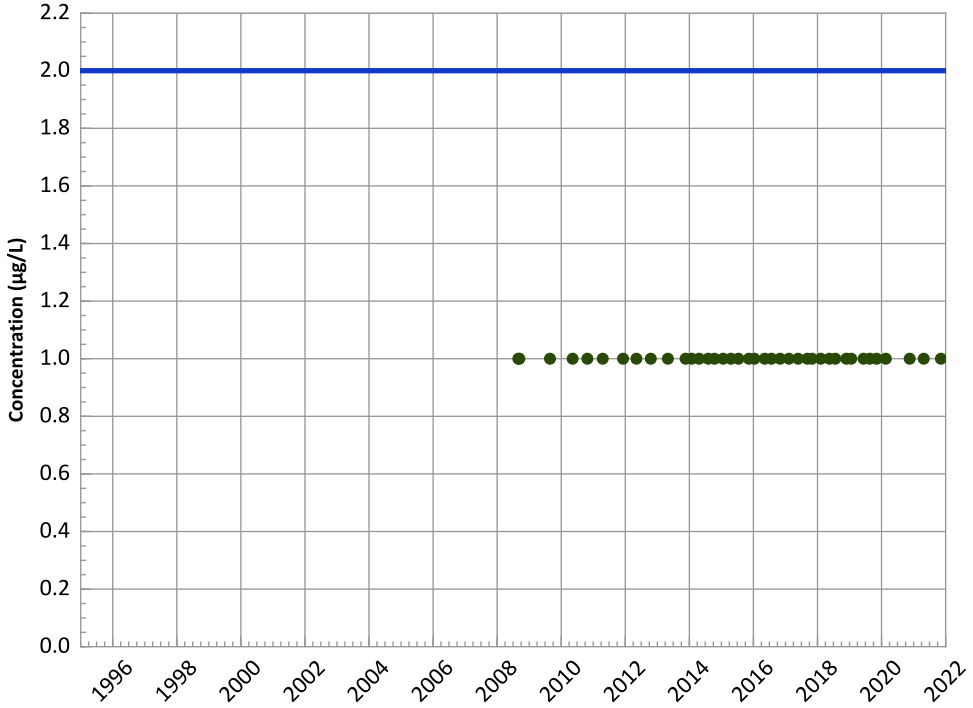


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

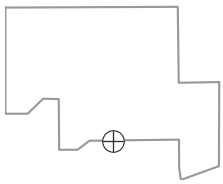
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

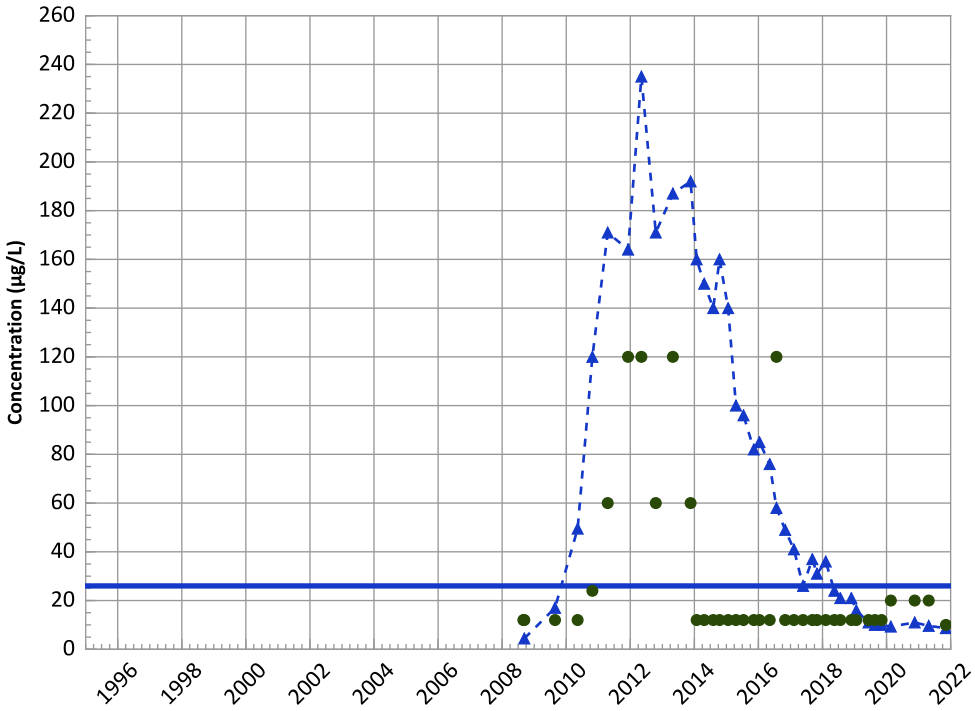
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

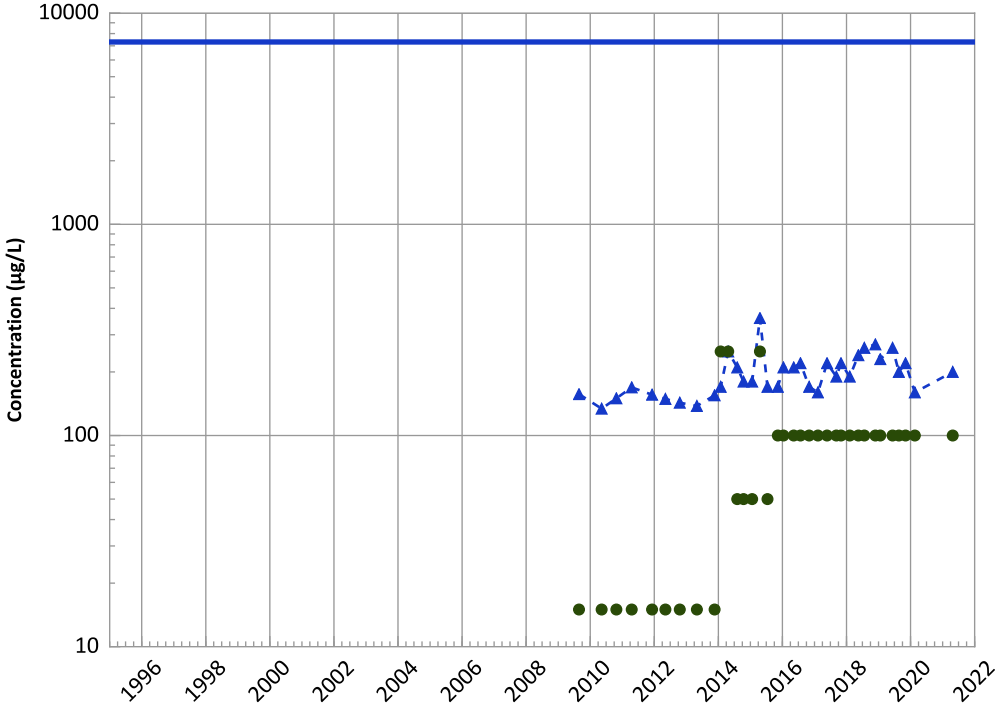


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Boron Trend



Concentration Trend

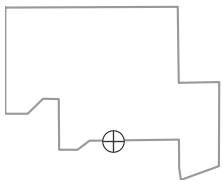
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

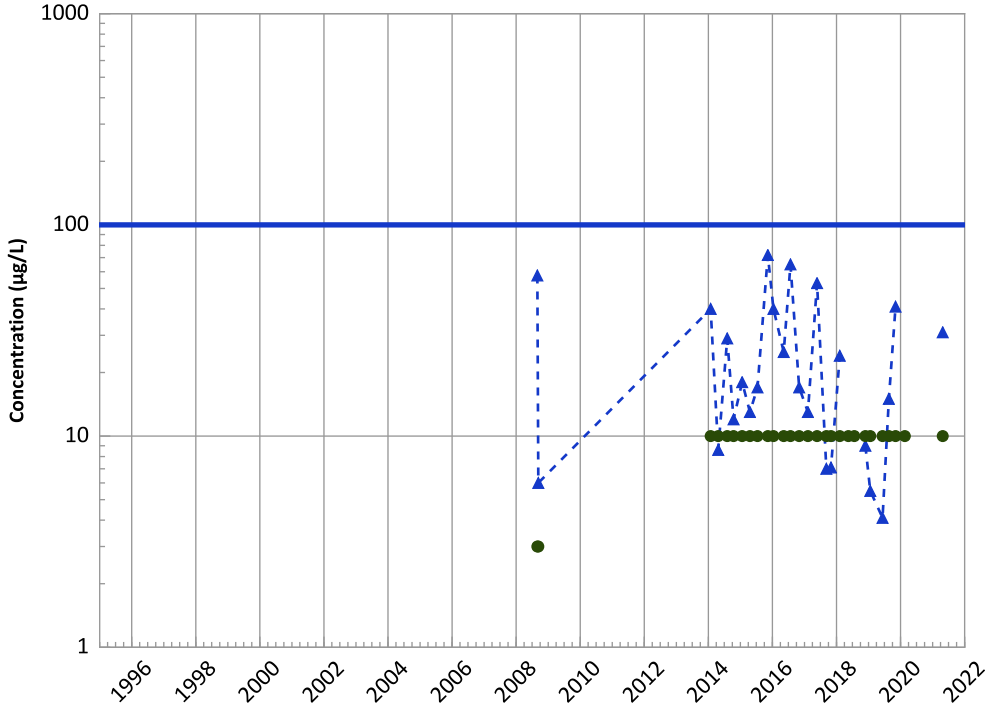
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

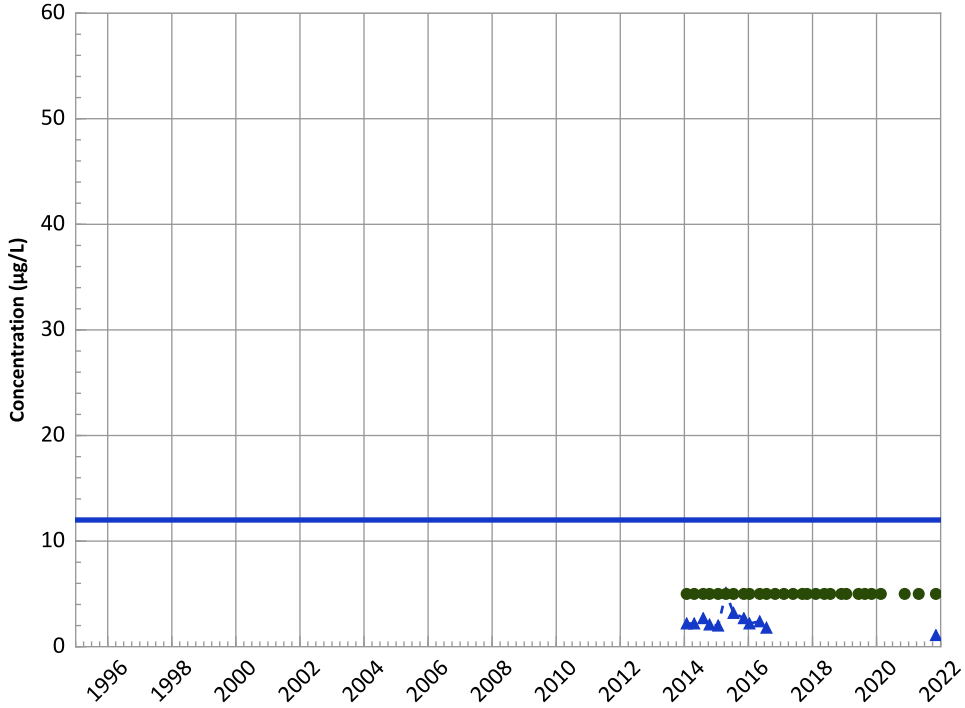


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Probably Increasing

Arsenic Trend



Concentration Trend

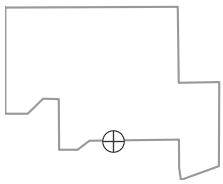
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

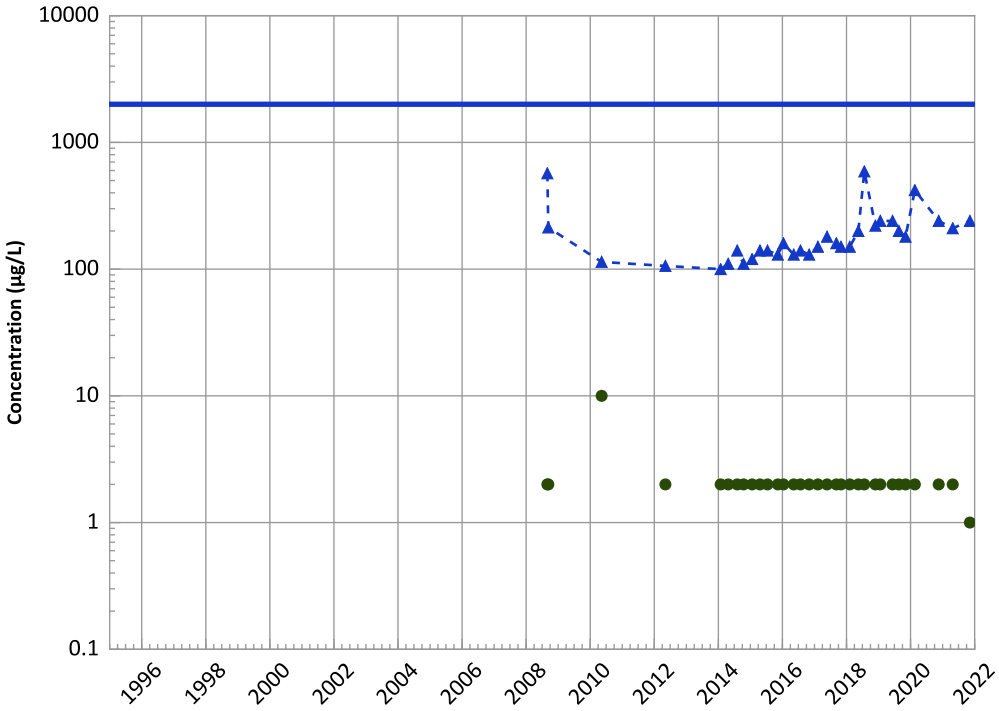
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

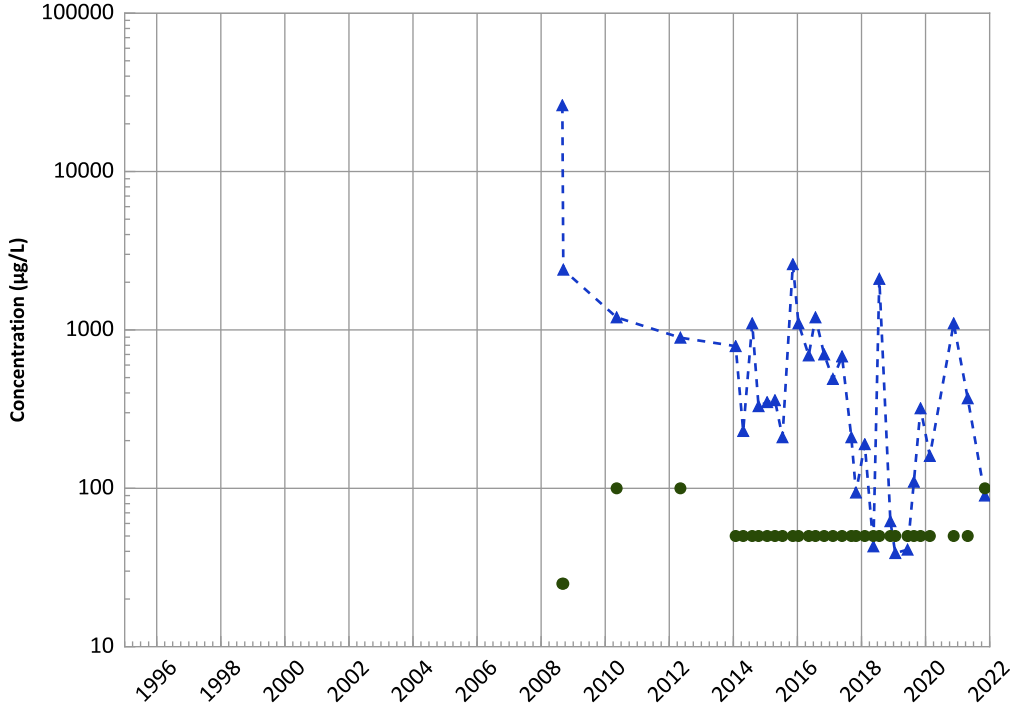


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

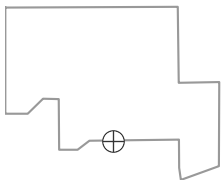
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

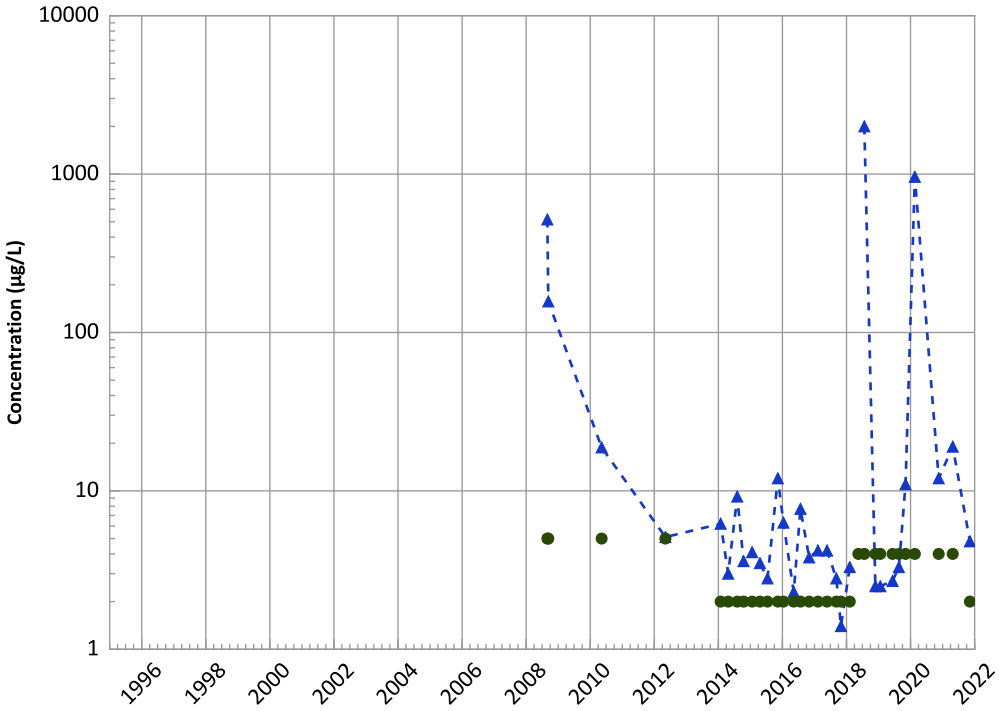
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

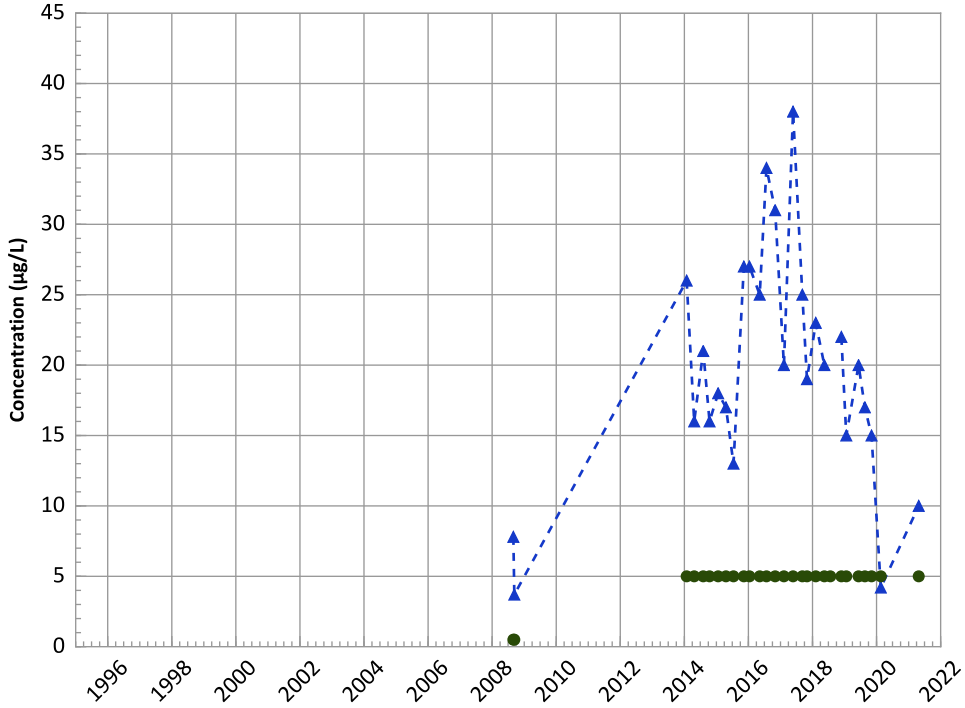


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

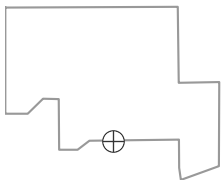
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

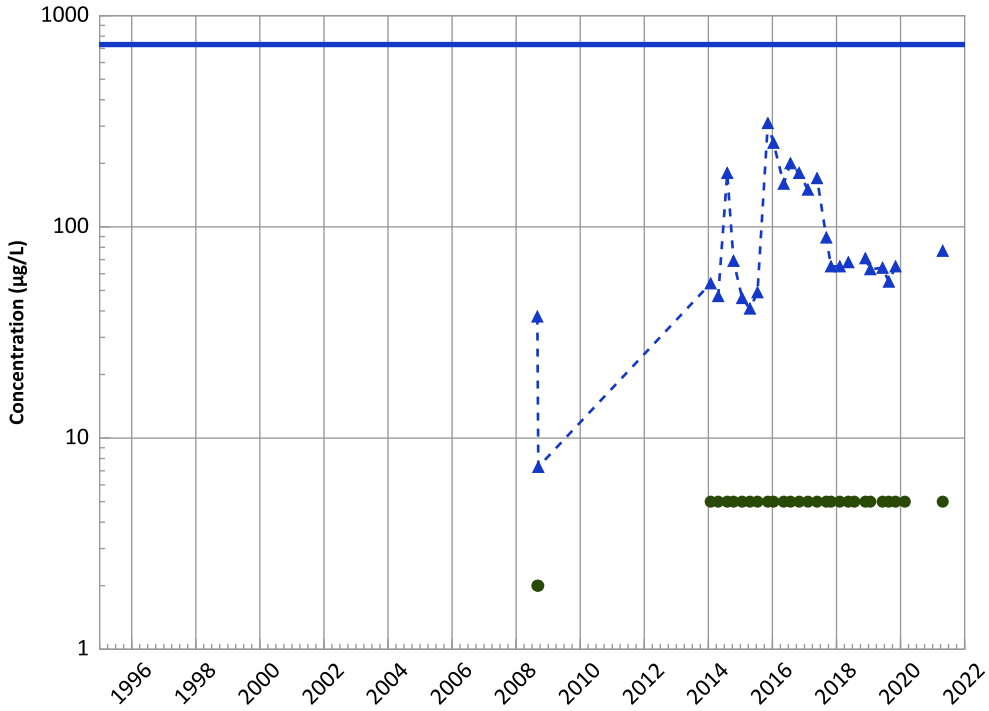
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

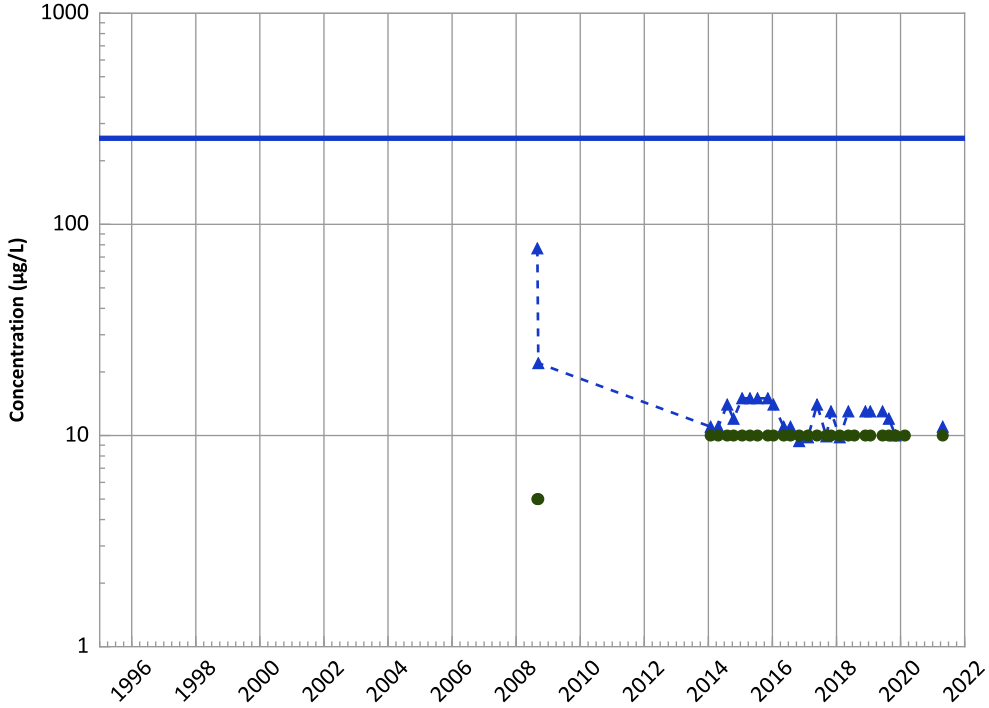


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

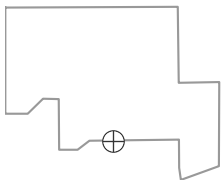
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

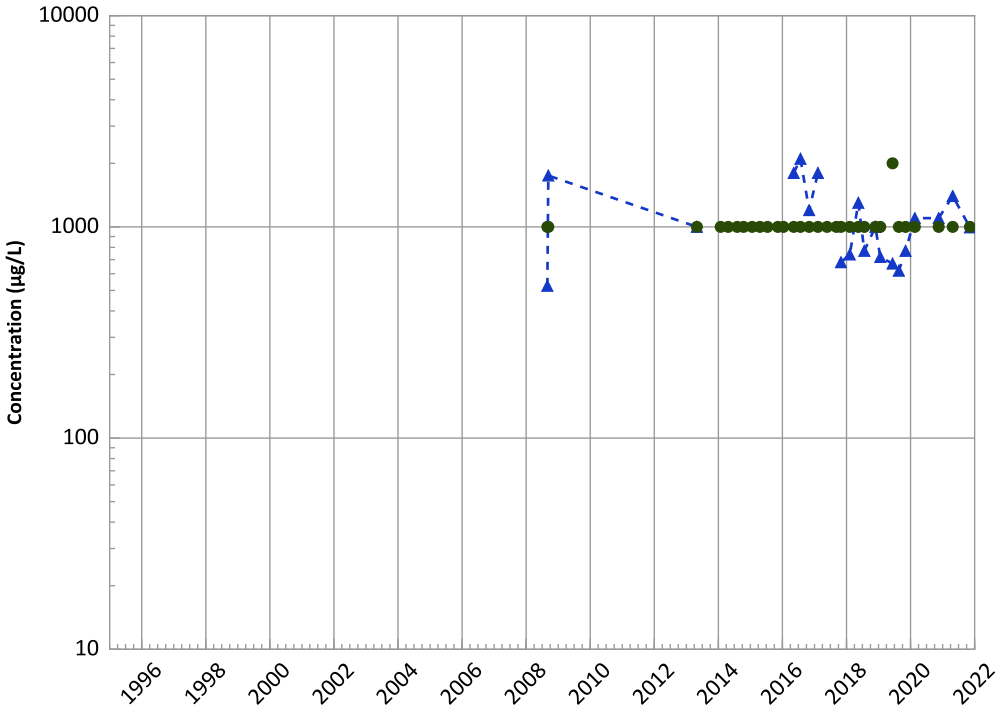
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1150 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

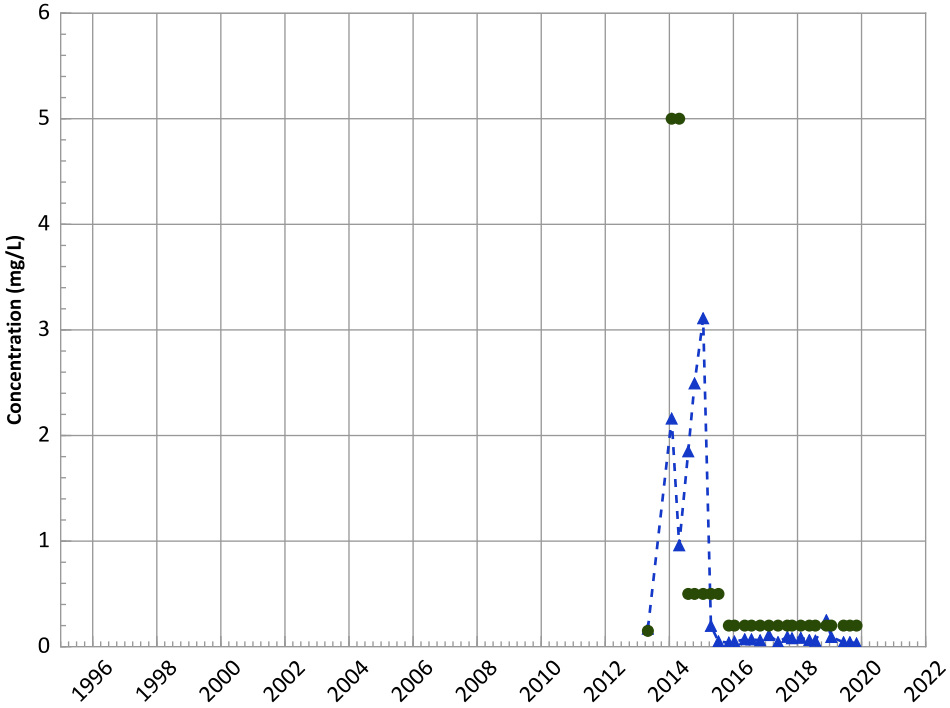


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

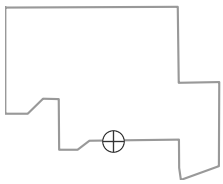
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

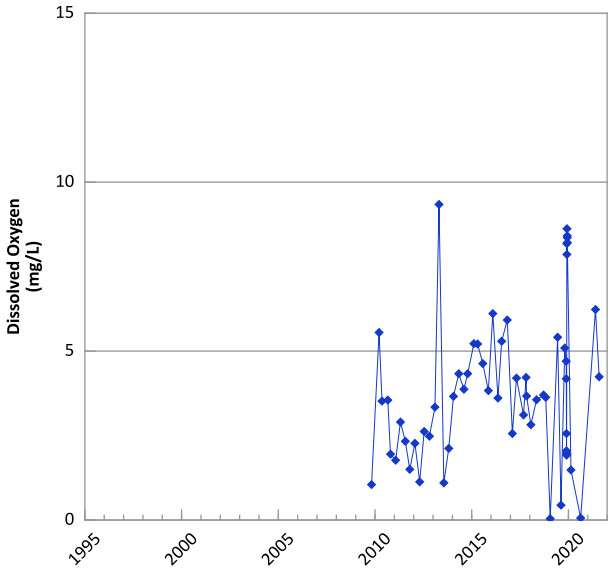
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/30/2008 to 11/08/2021
Analysis Date: 05/02/2022

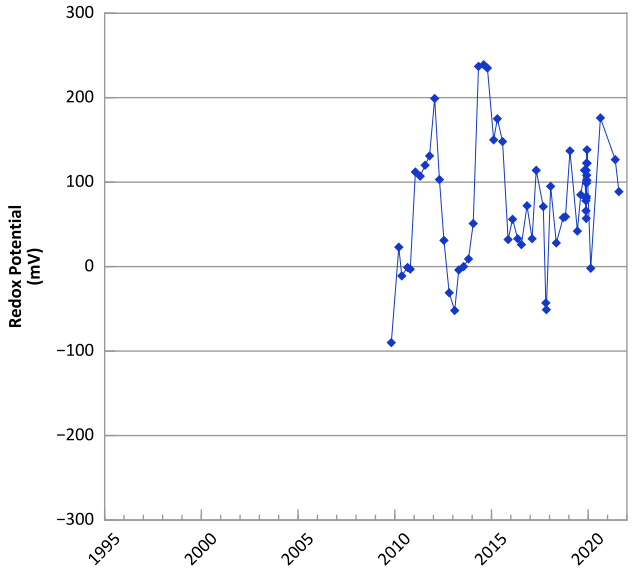
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

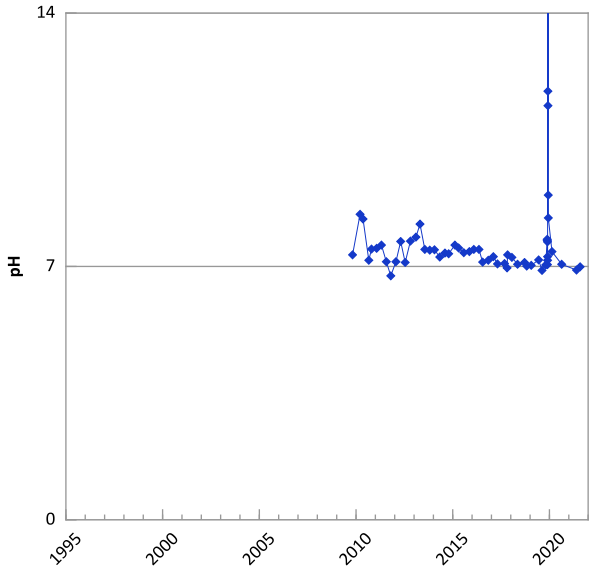
Well Location

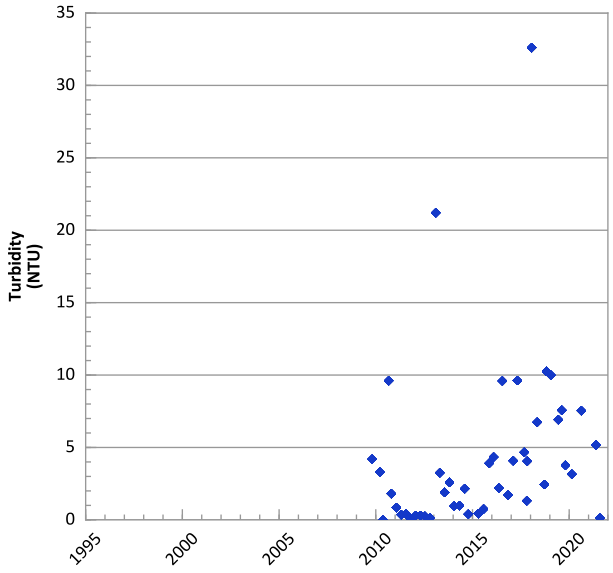


PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



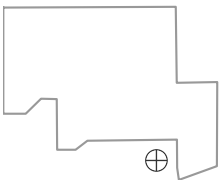






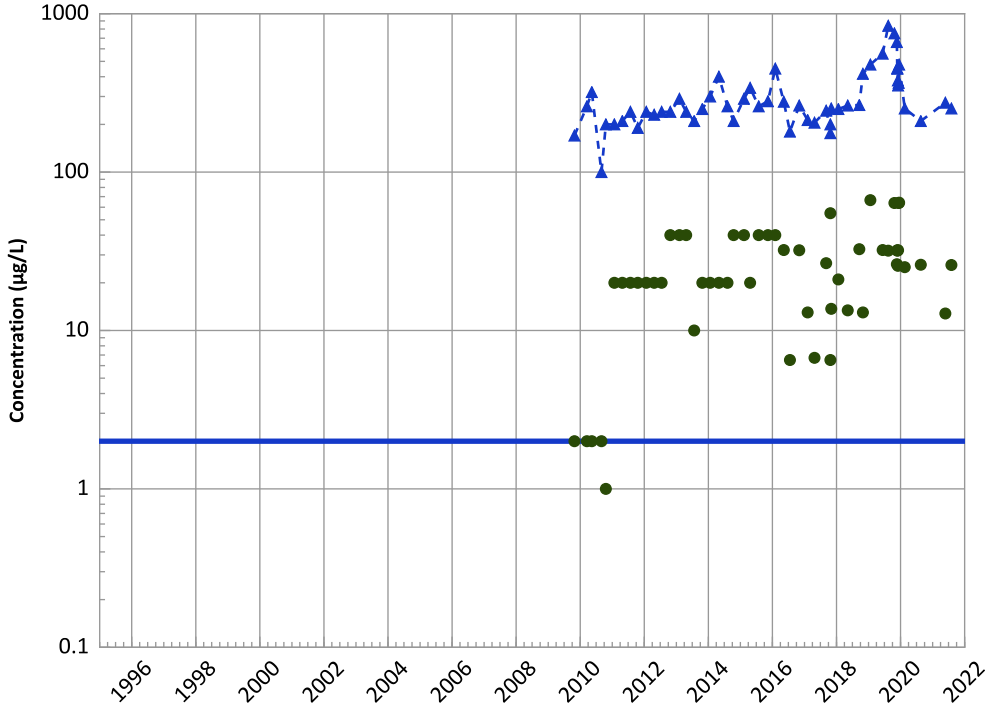
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

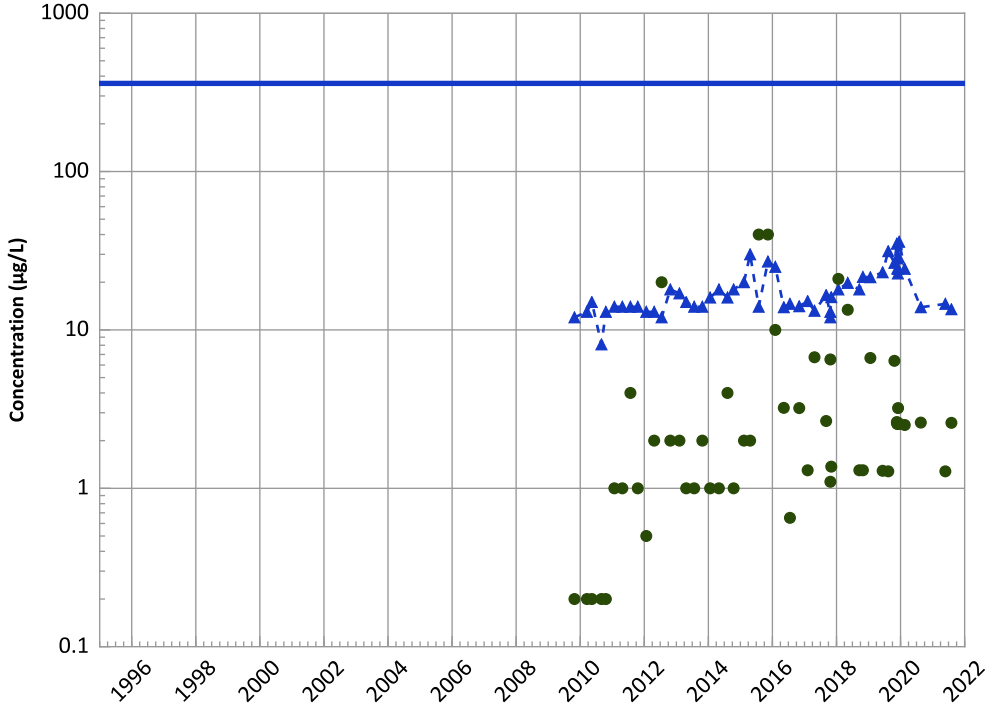


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

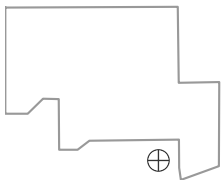
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

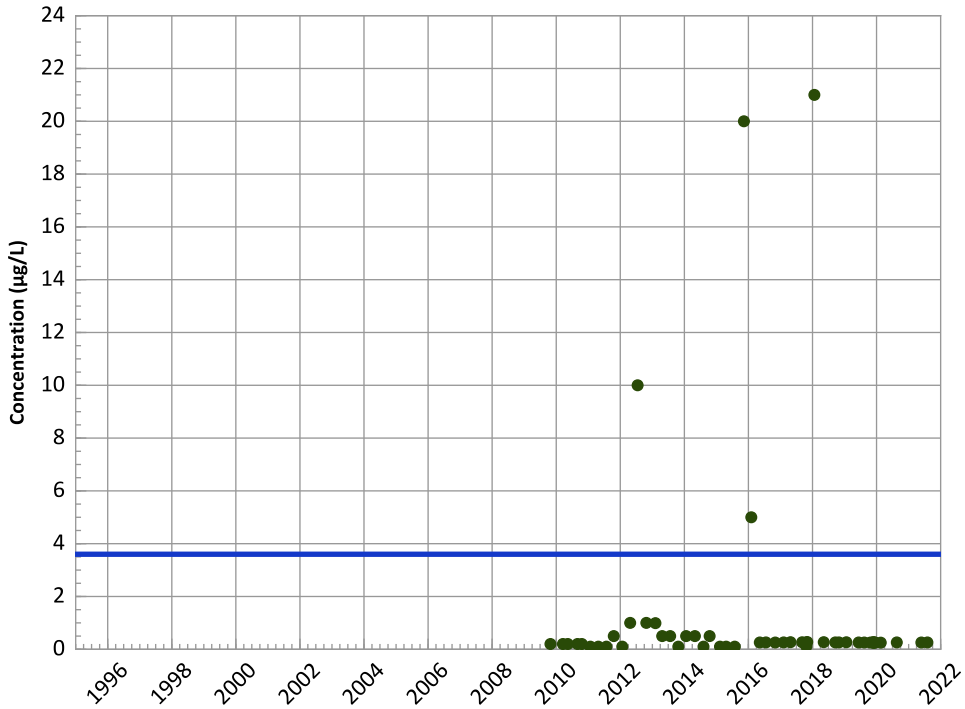
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

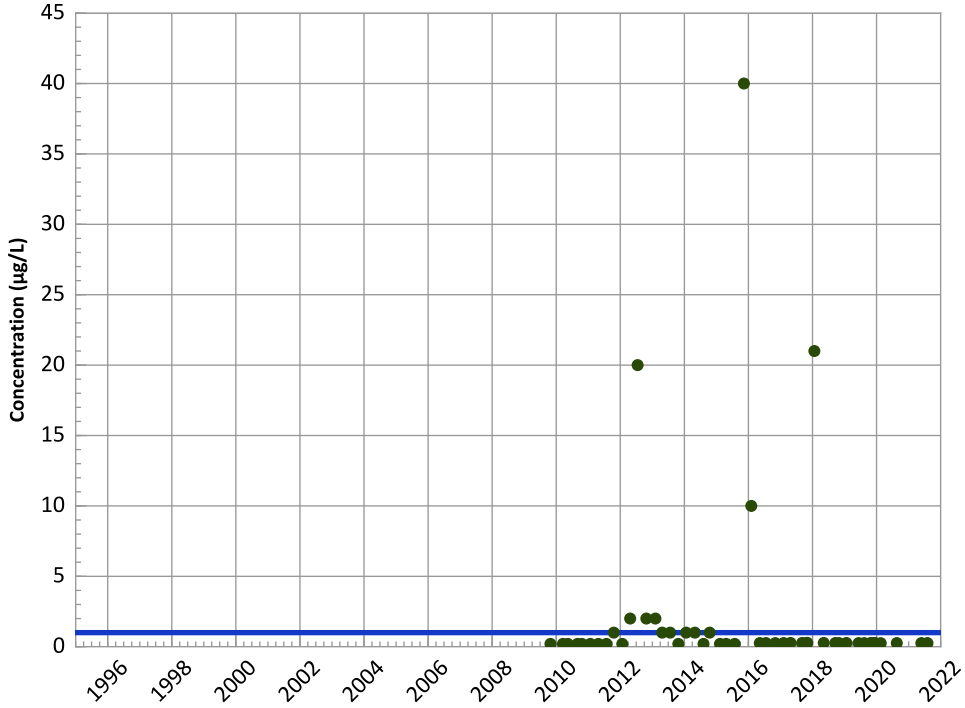


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

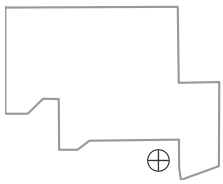
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

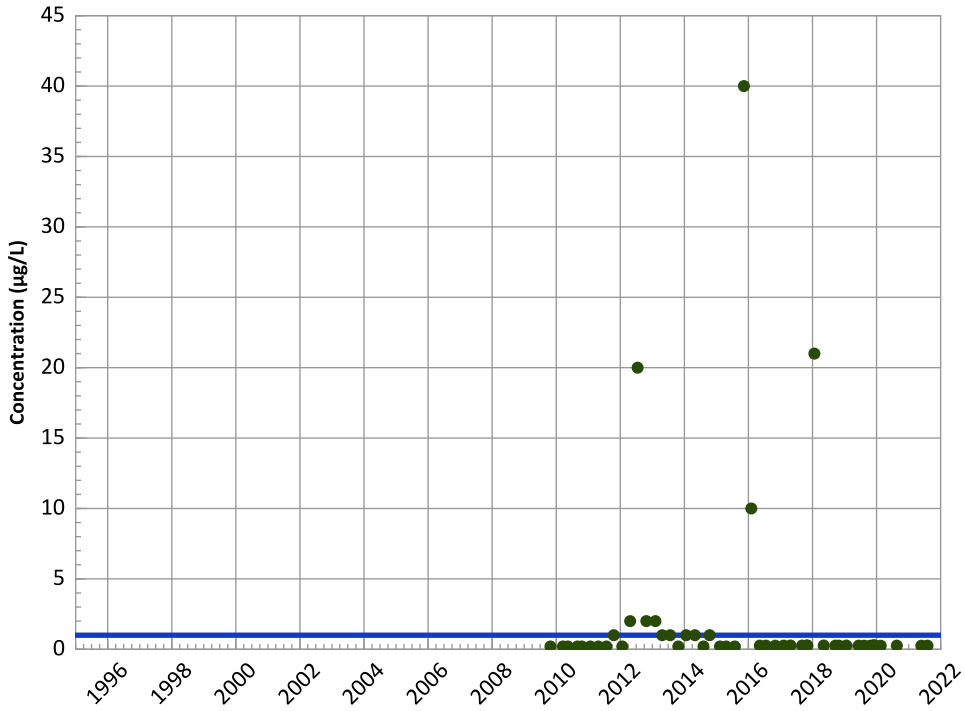
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

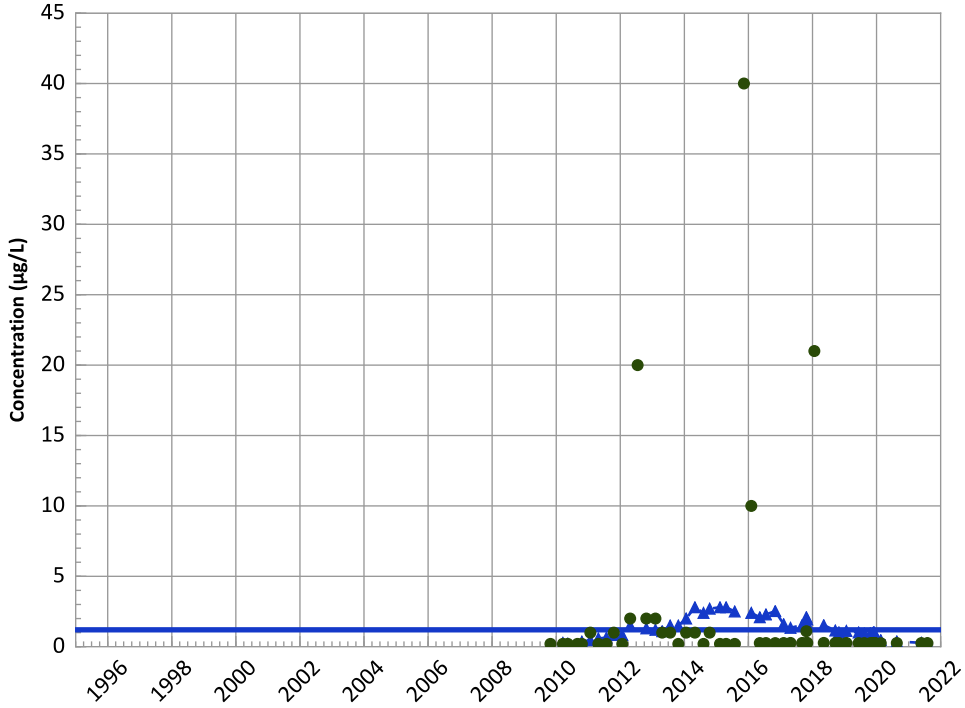


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

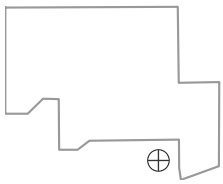
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

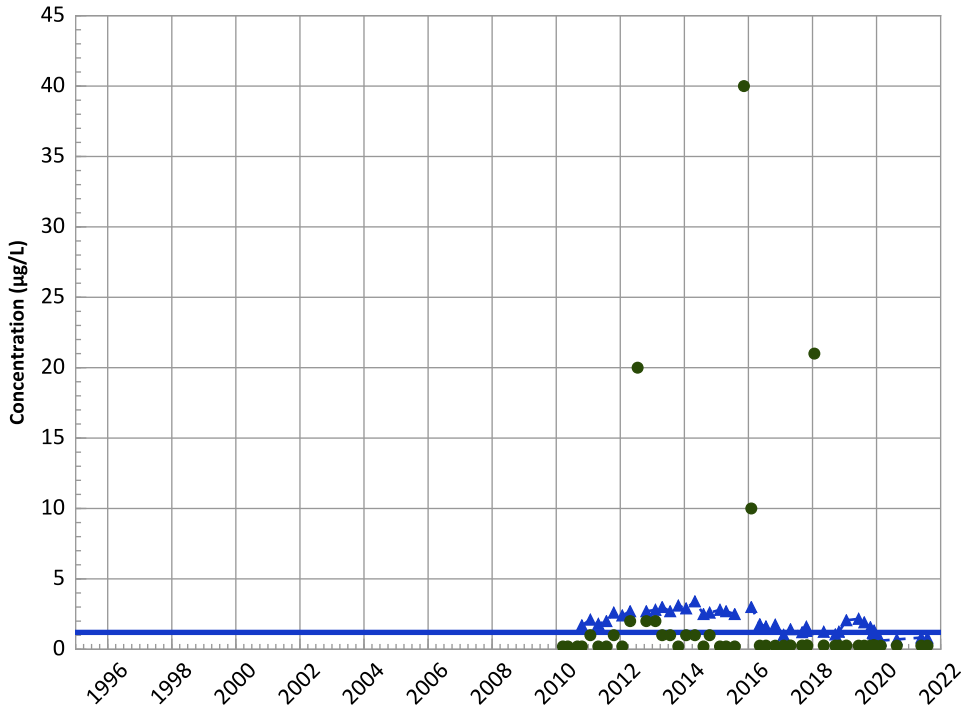
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

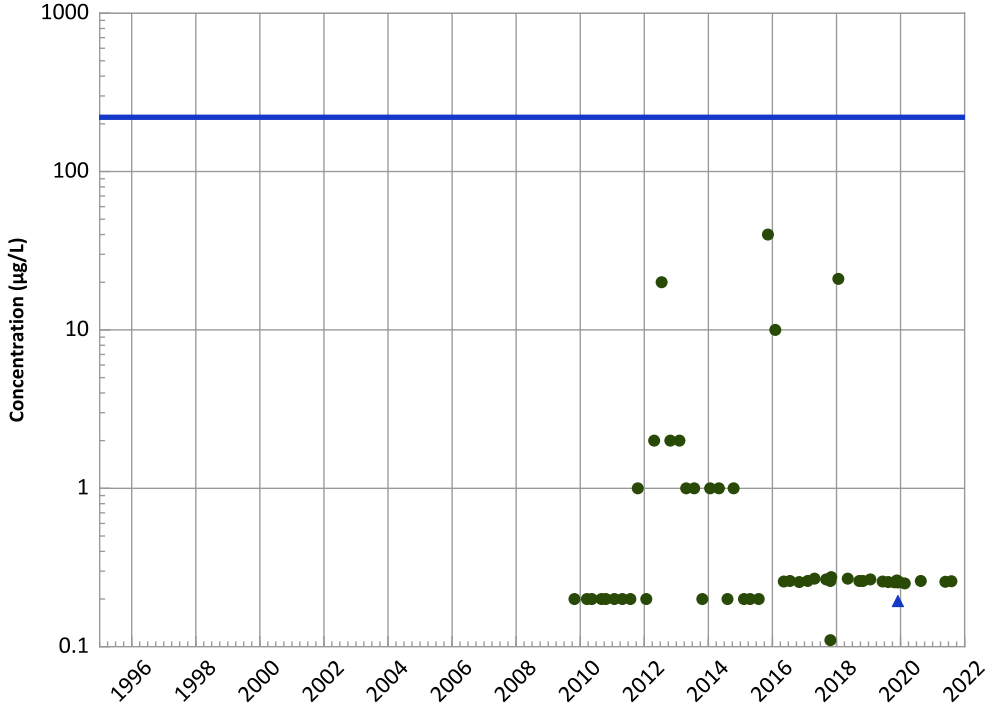


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

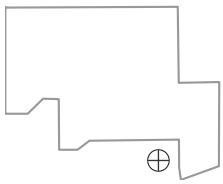
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

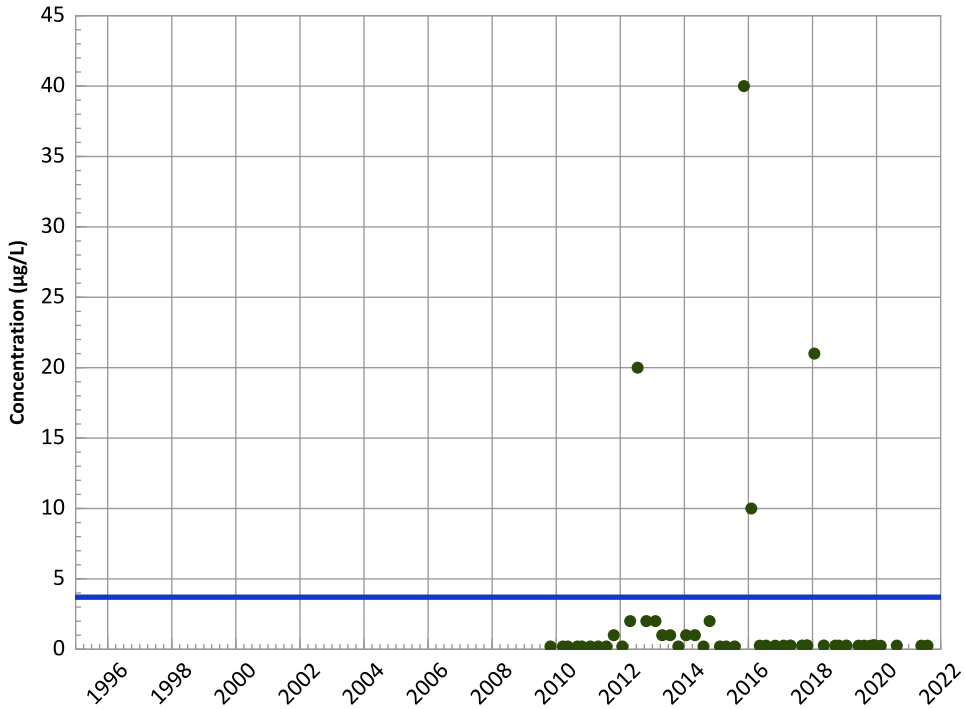
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

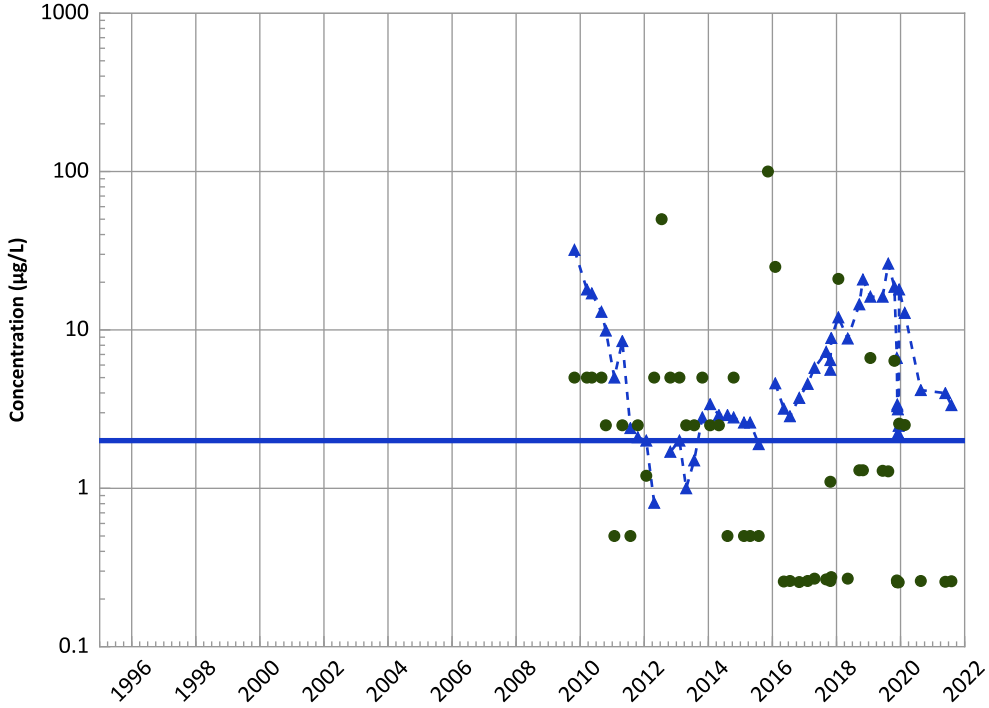


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

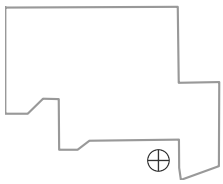
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

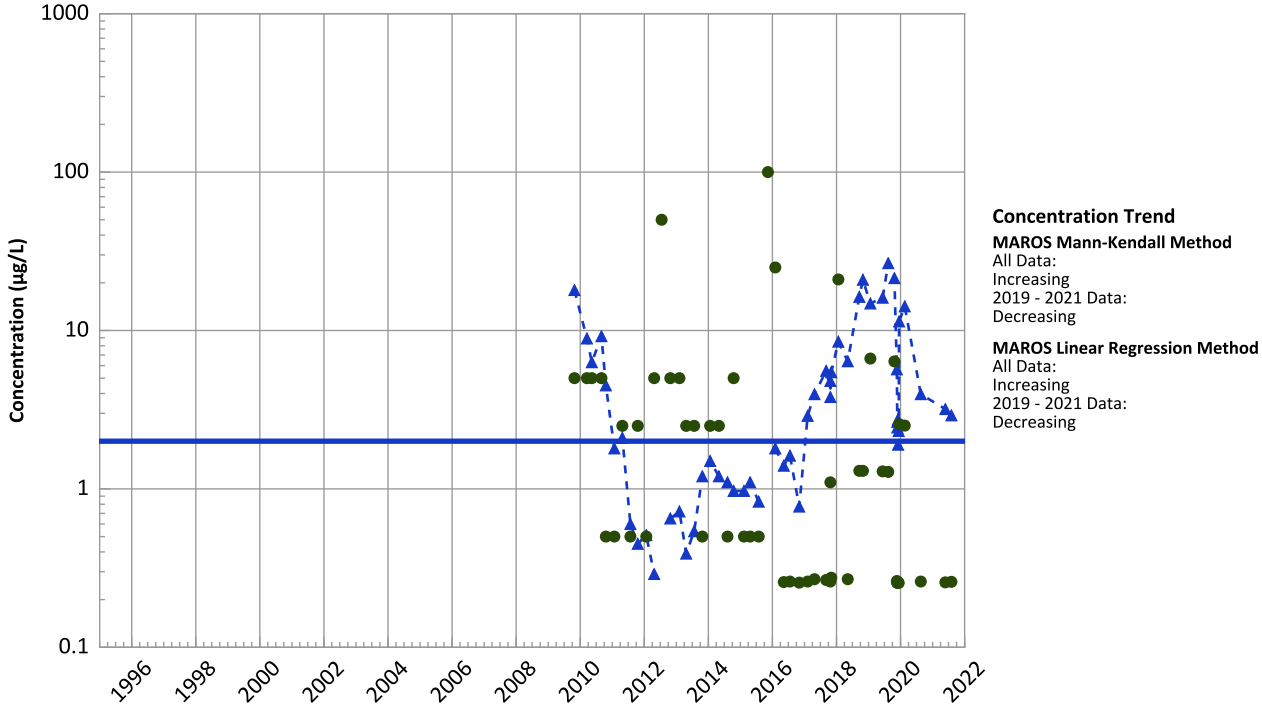
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

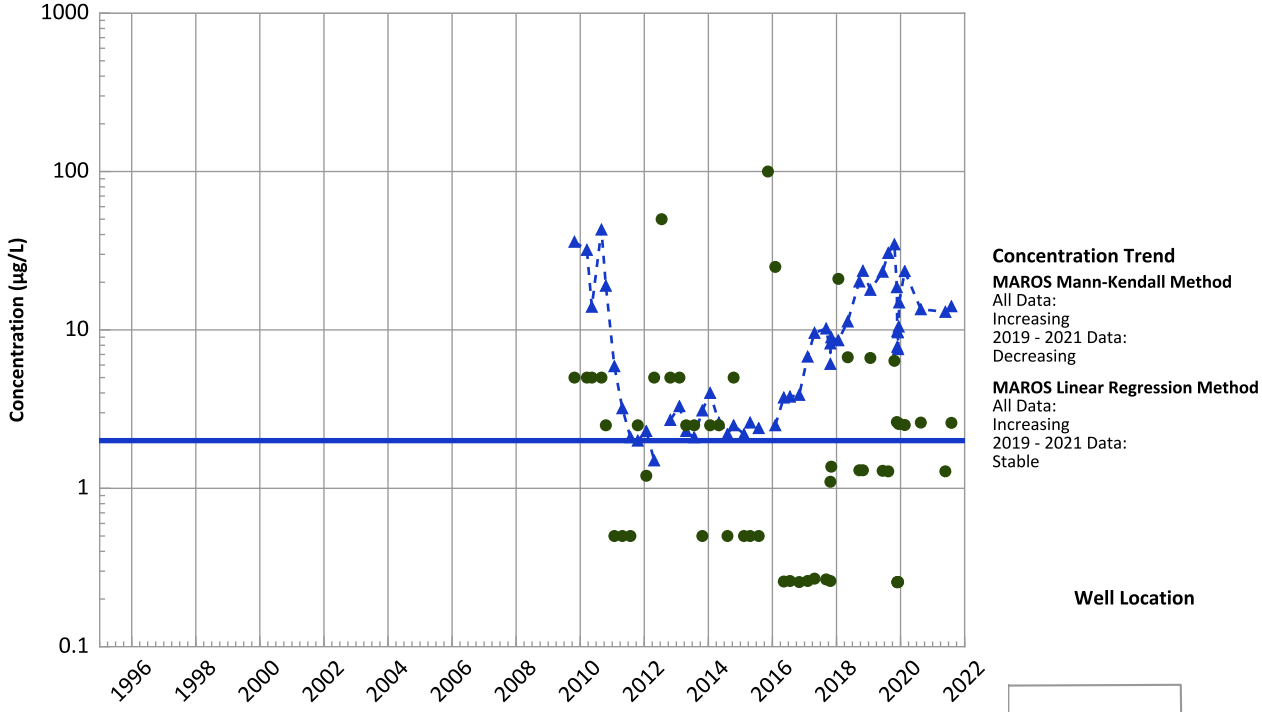


PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend



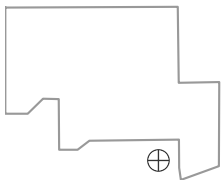
Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

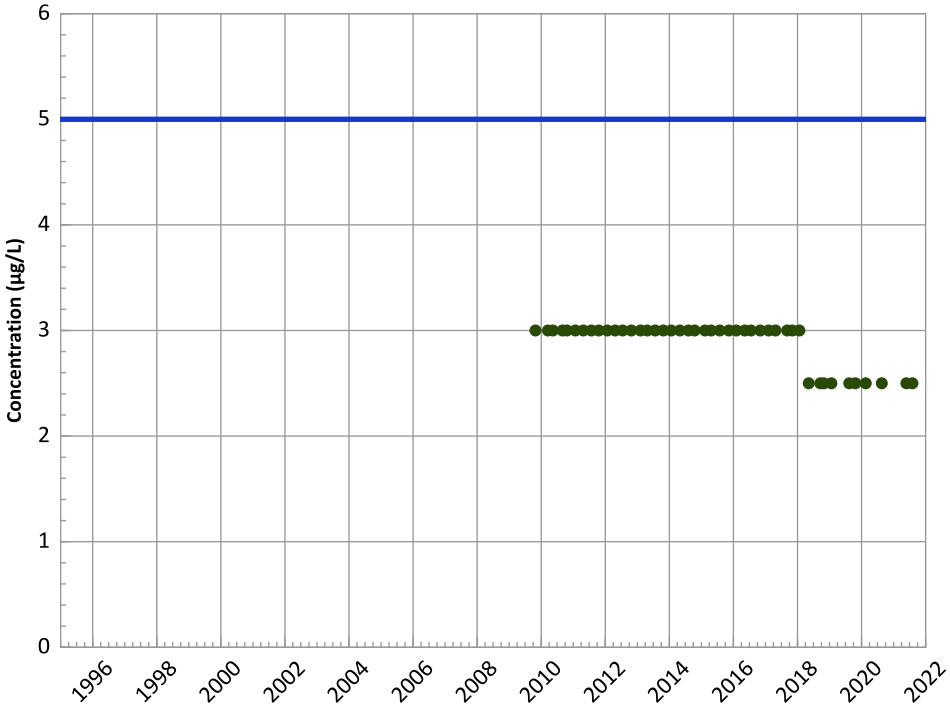
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

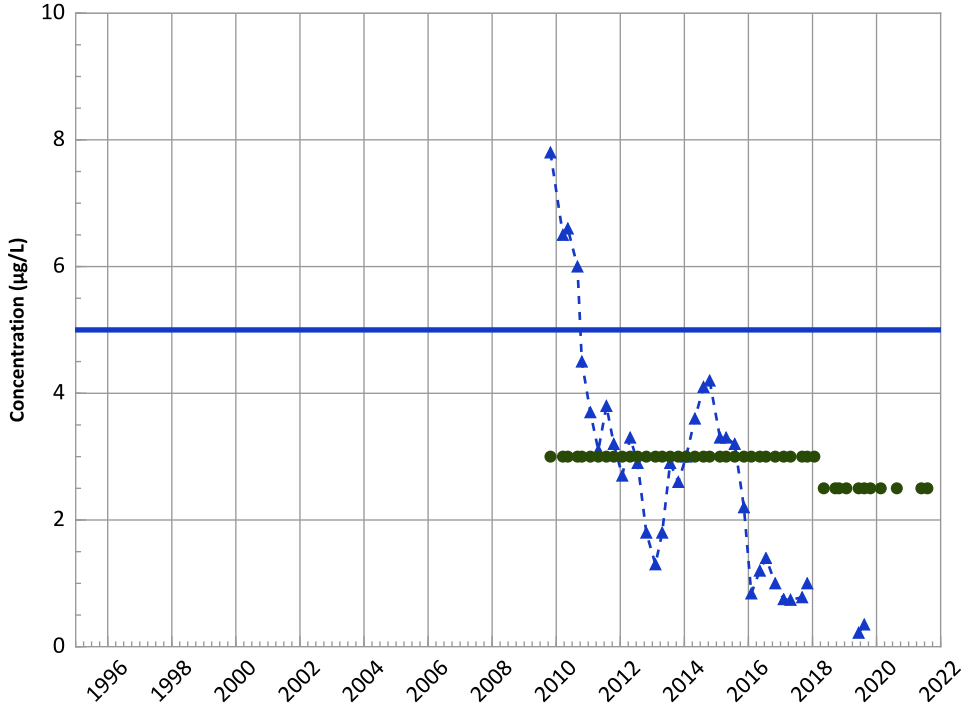


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

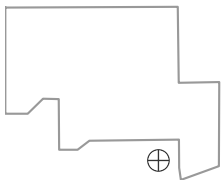
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

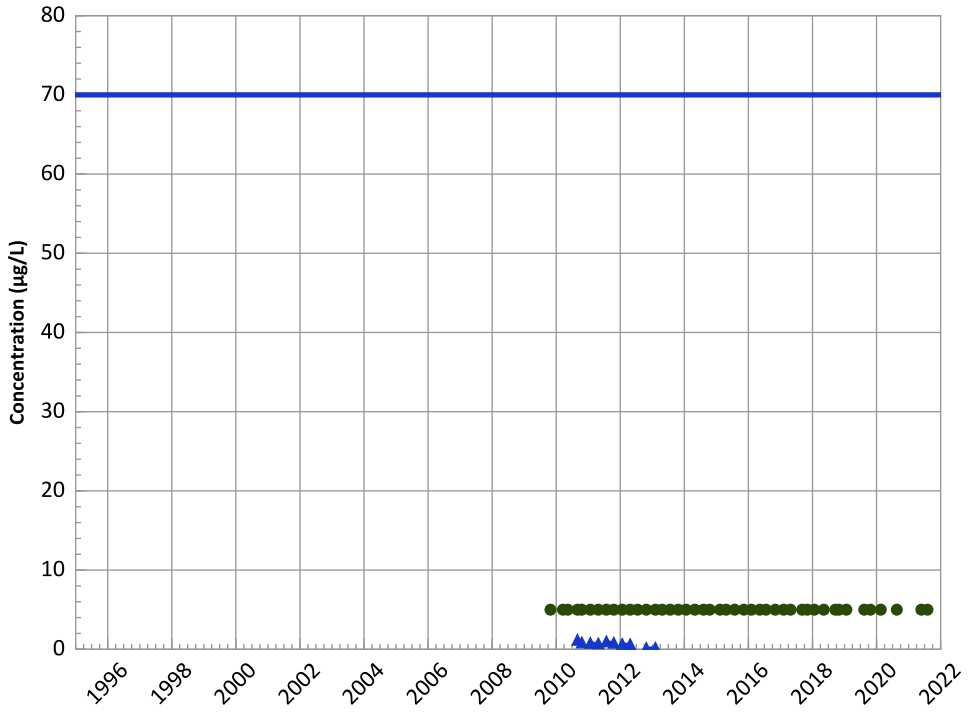
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

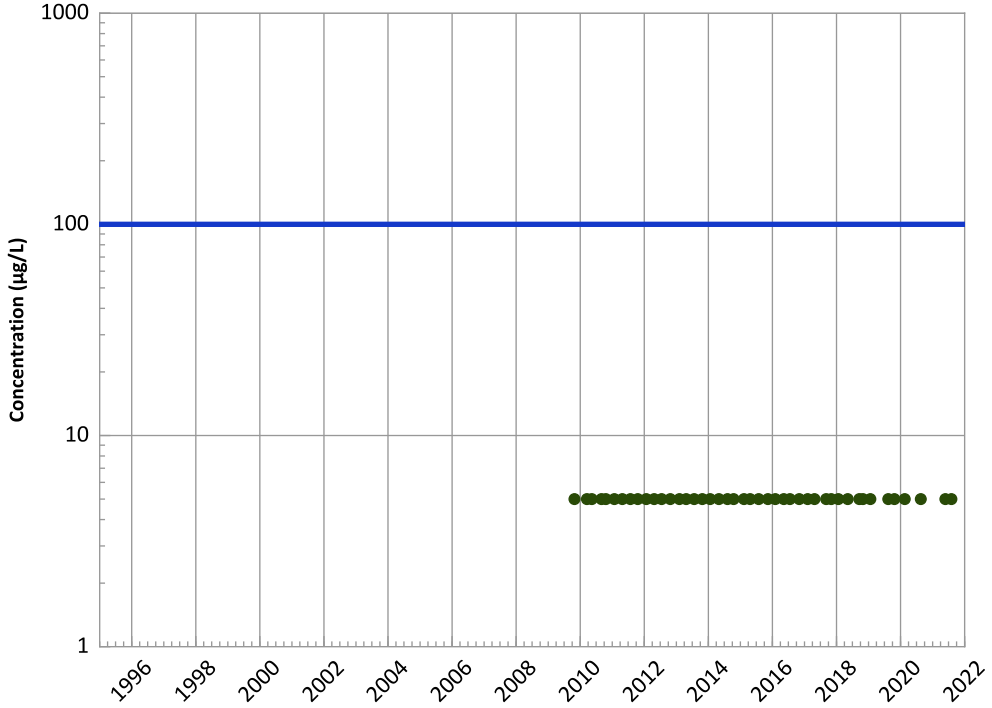


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

trans-1,2-Dichloroethene Trend



Concentration Trend

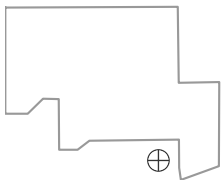
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

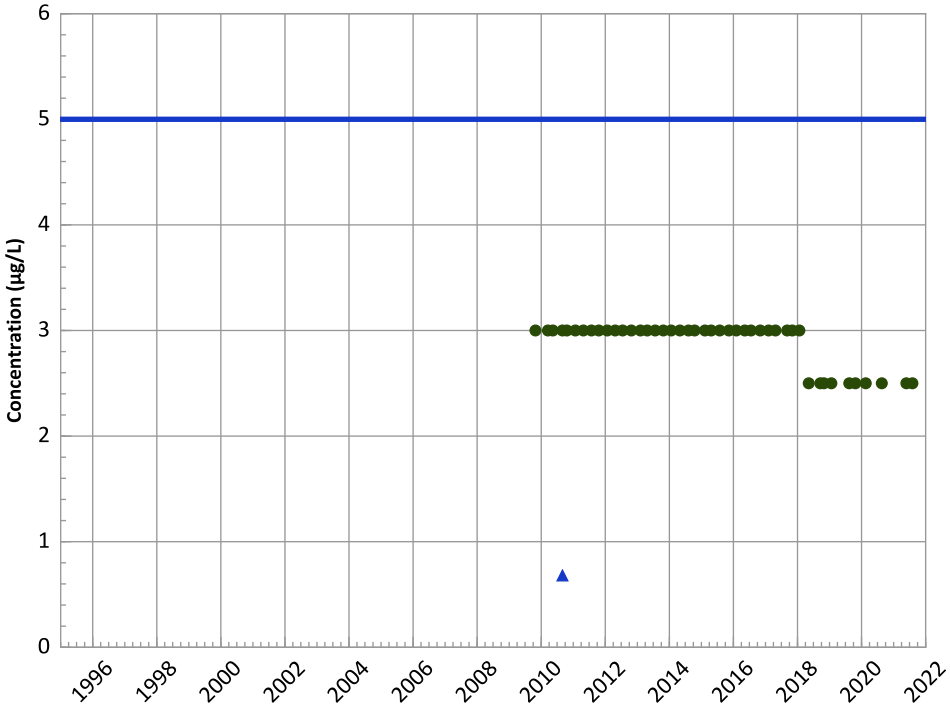
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

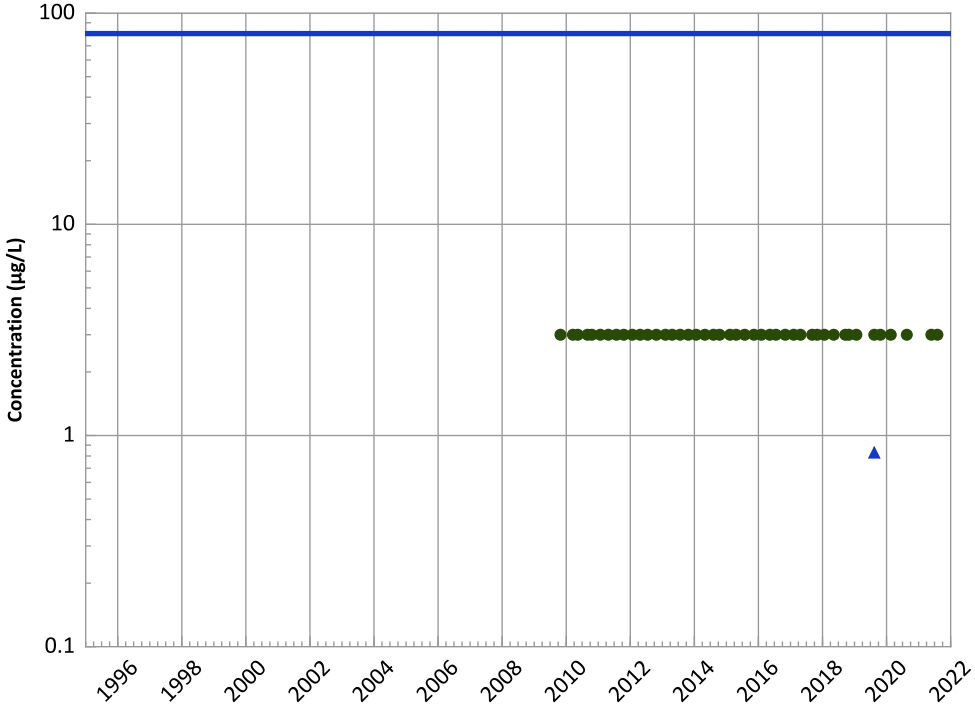


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

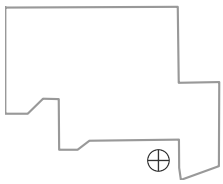
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

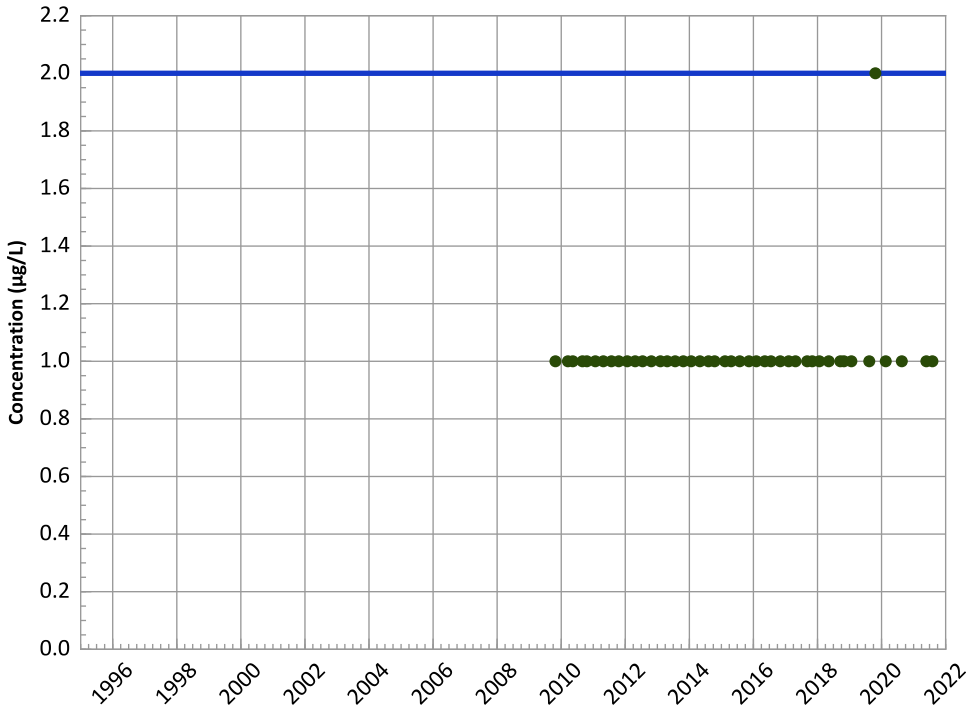
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

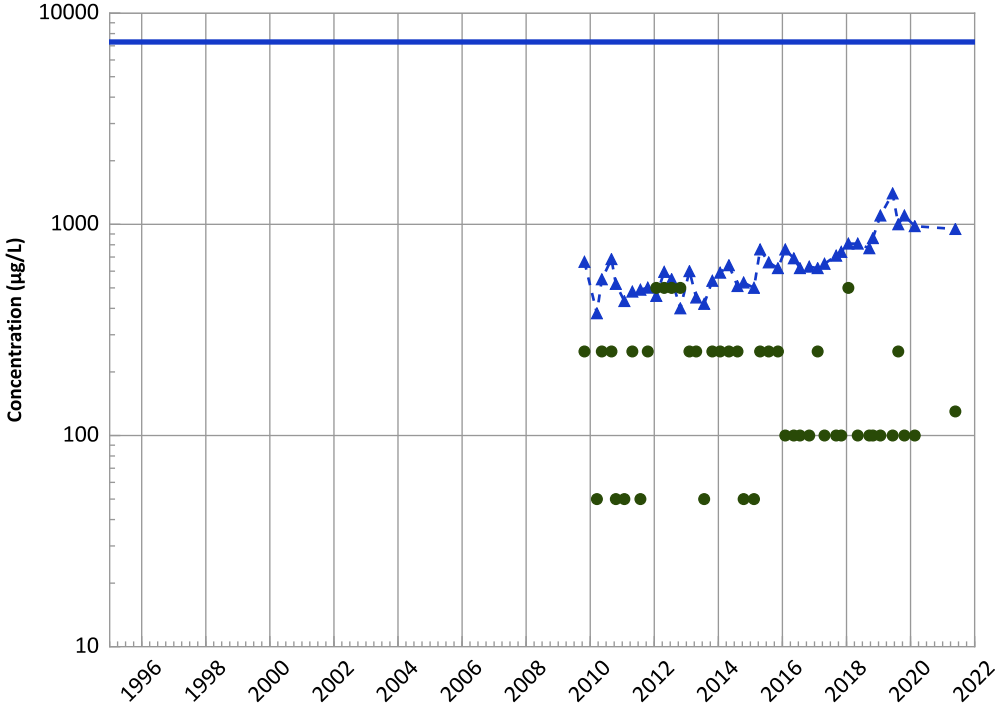


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

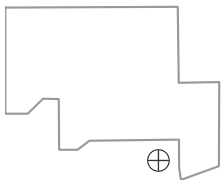
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

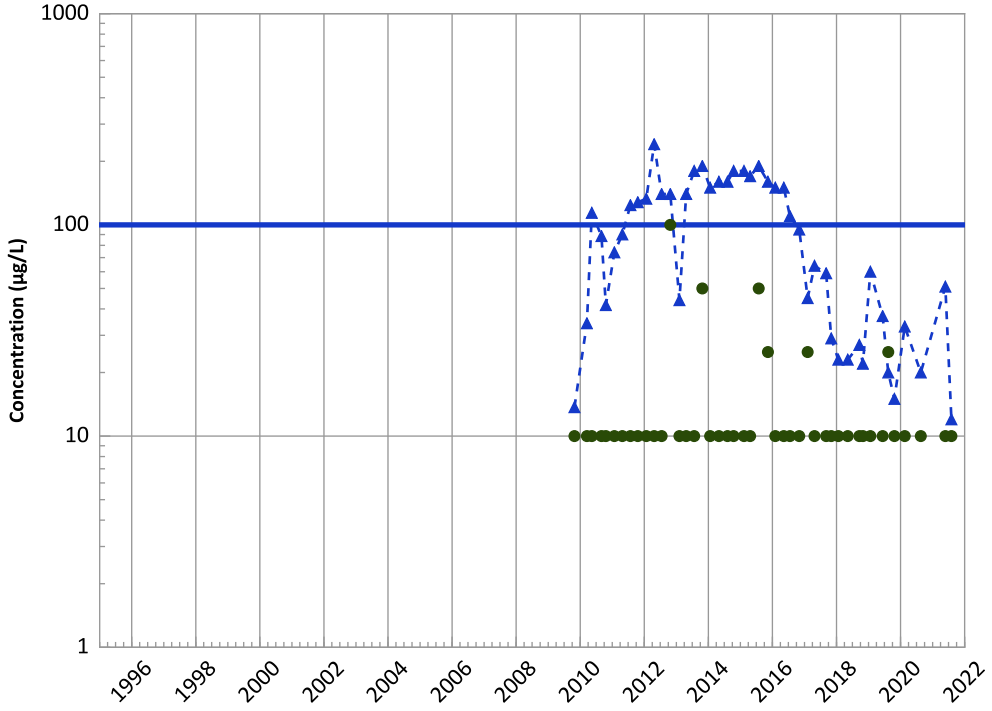
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

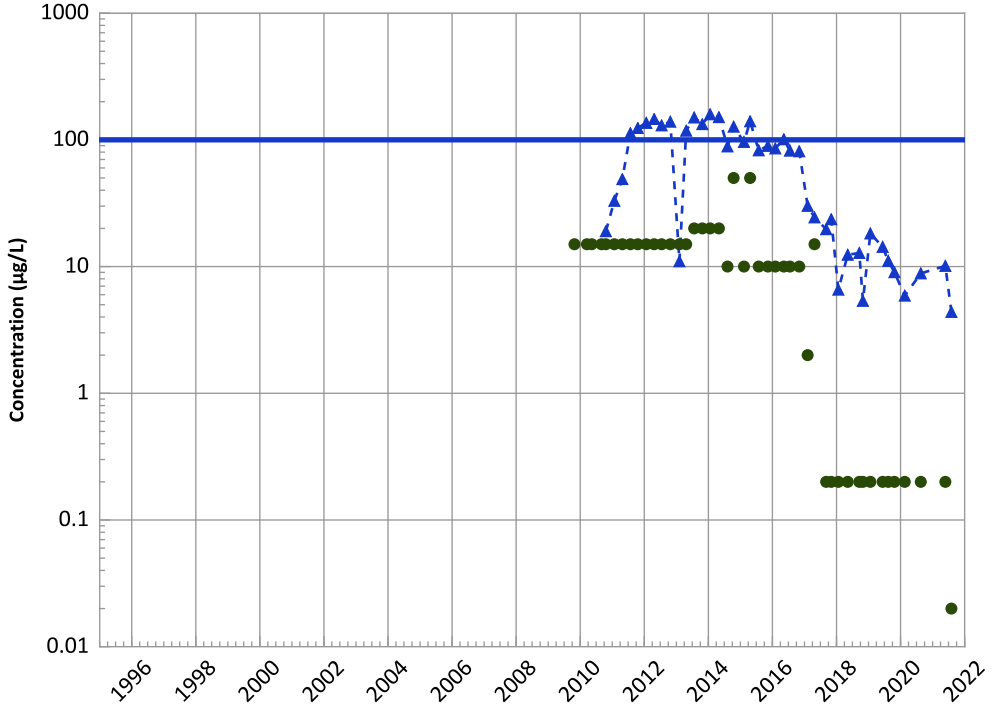


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chromium, Hexavalent Trend



Concentration Trend

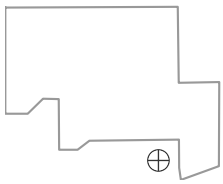
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

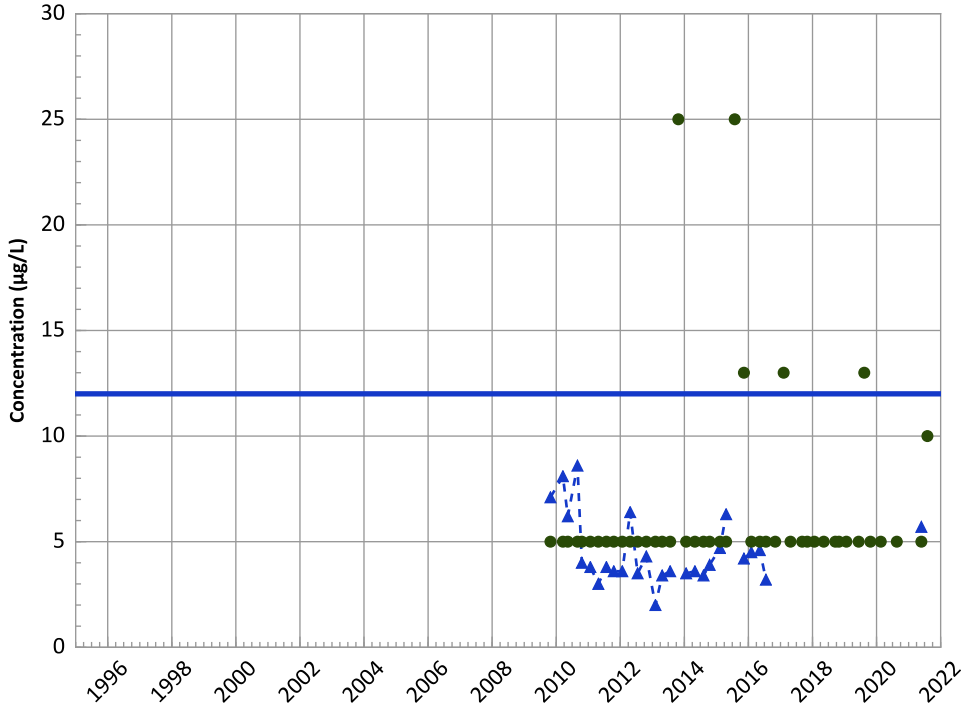
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

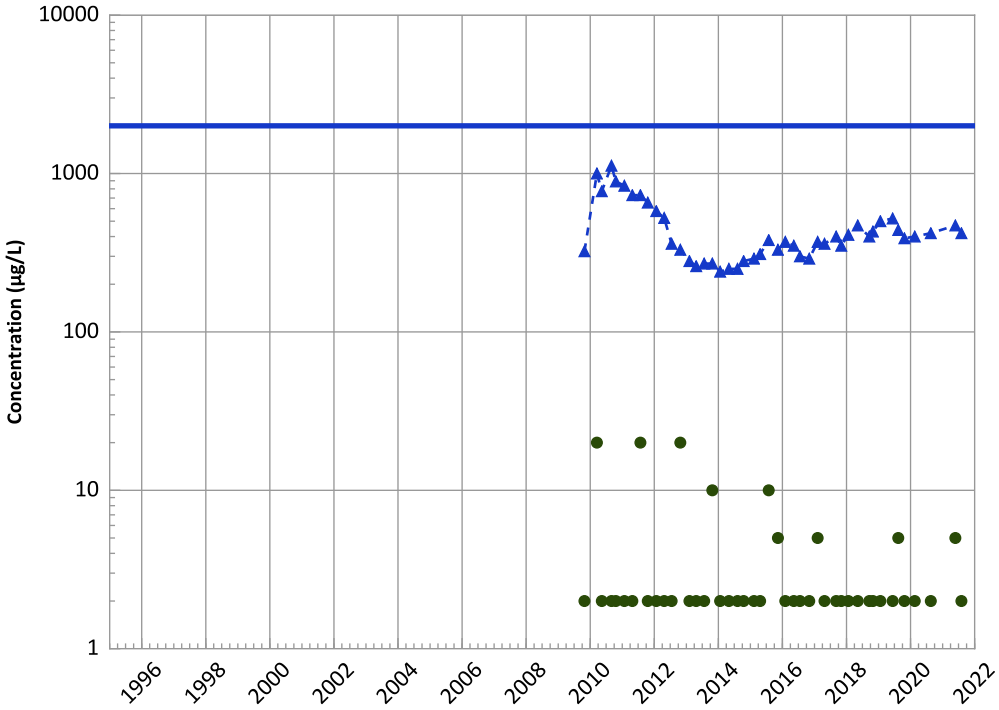


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

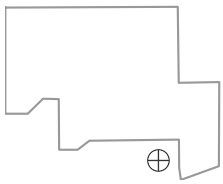
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

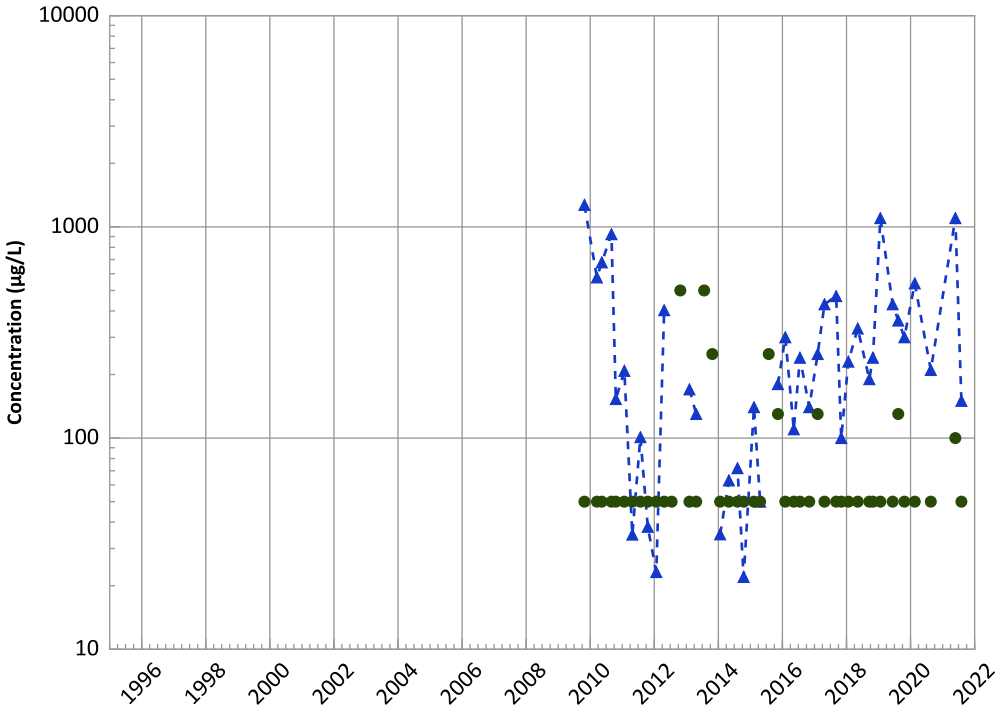
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

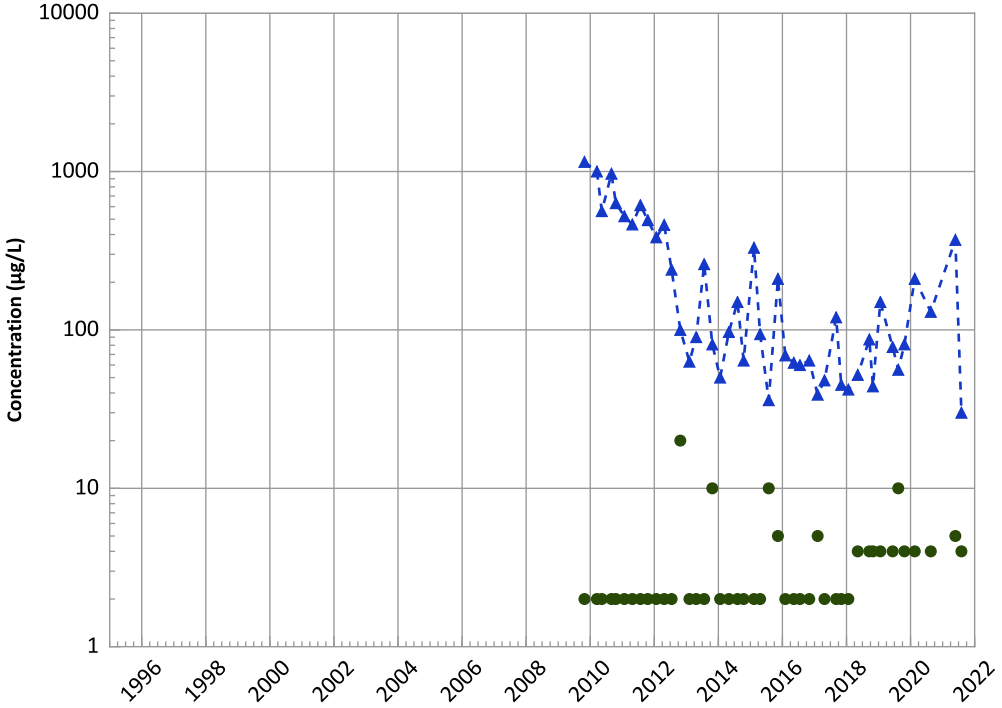


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

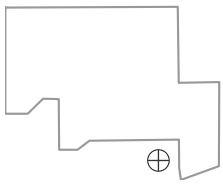
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

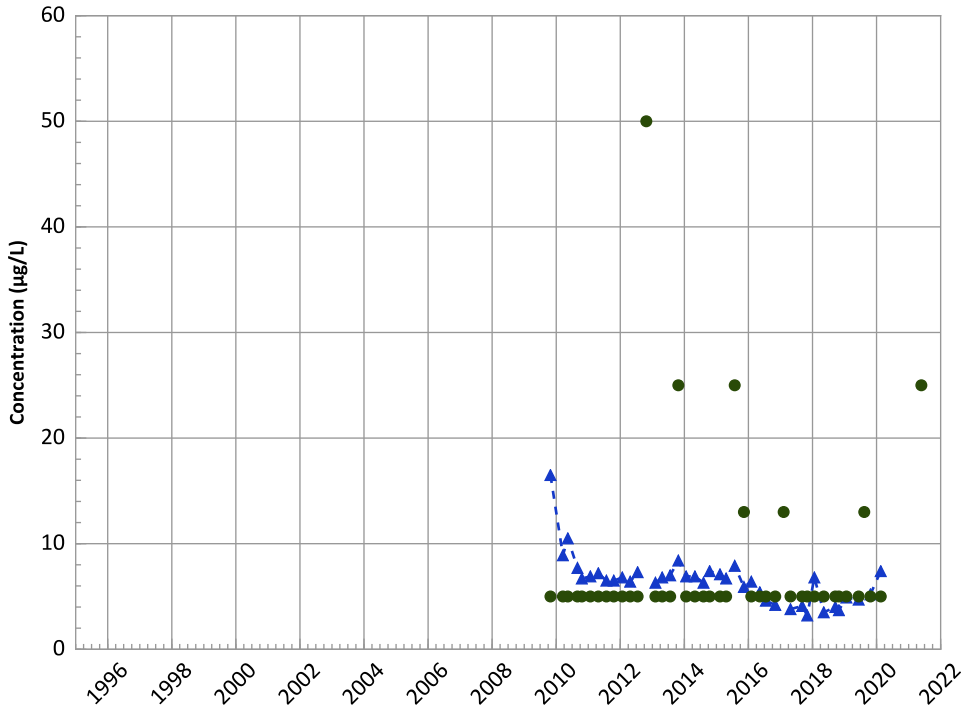
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

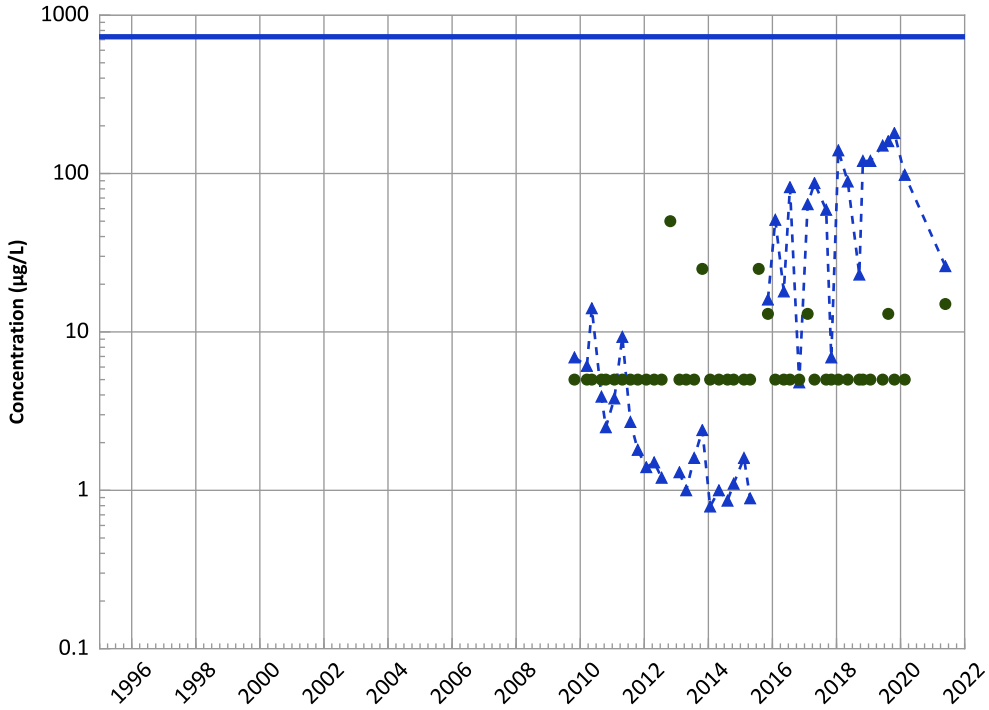


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Nickel Trend



Concentration Trend

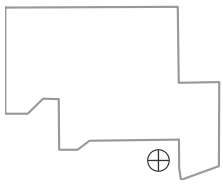
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

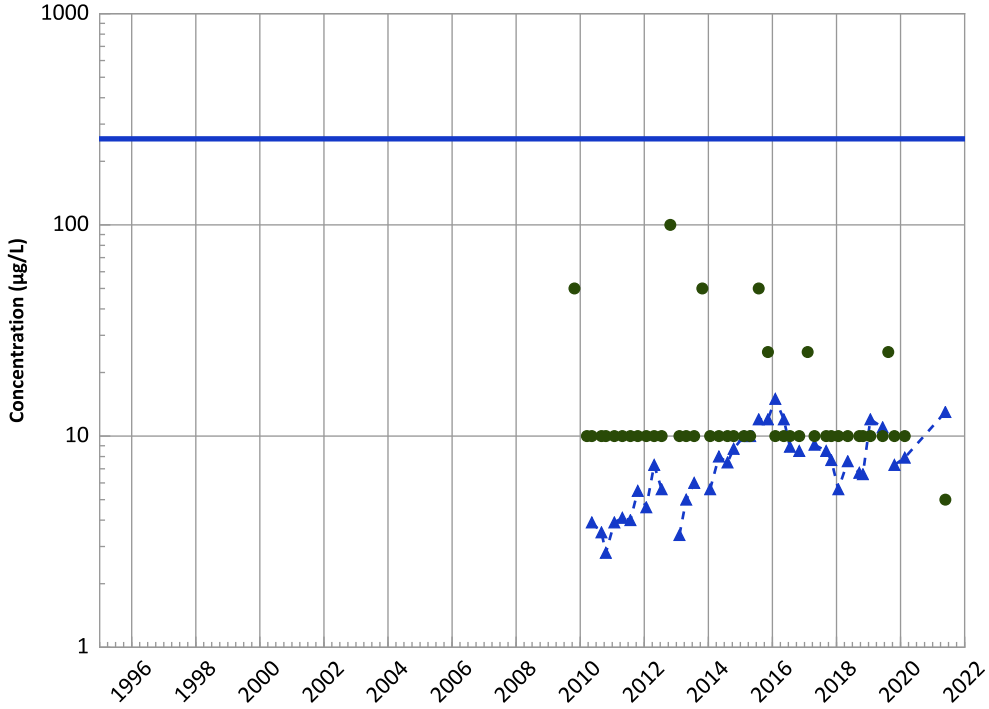
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

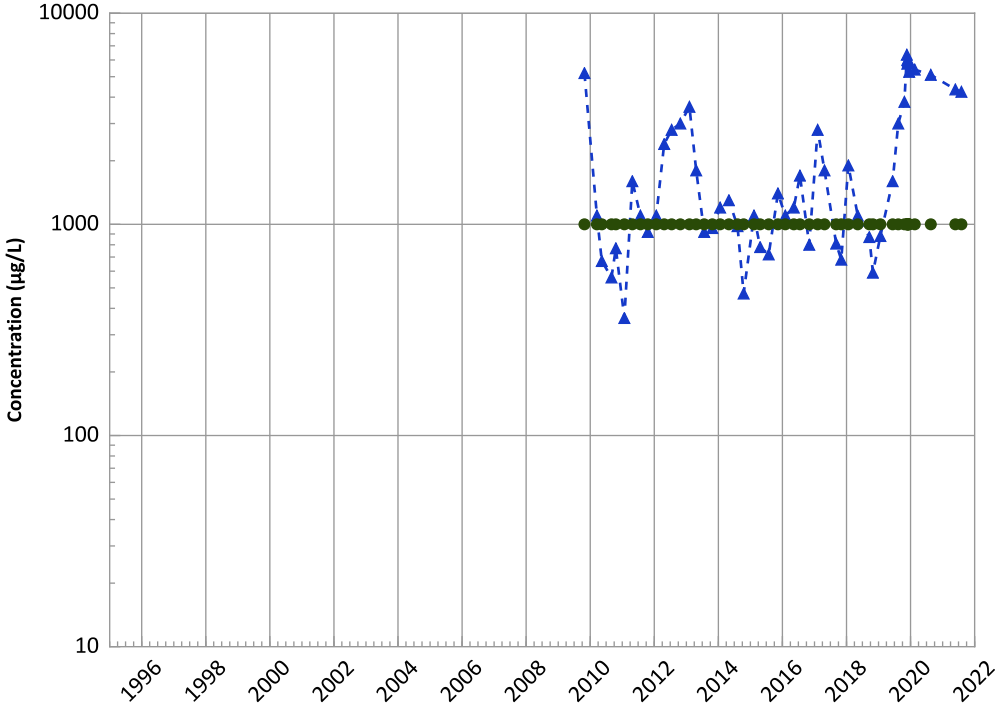


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Total Organic Carbon Trend



Concentration Trend

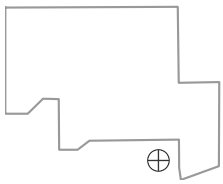
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

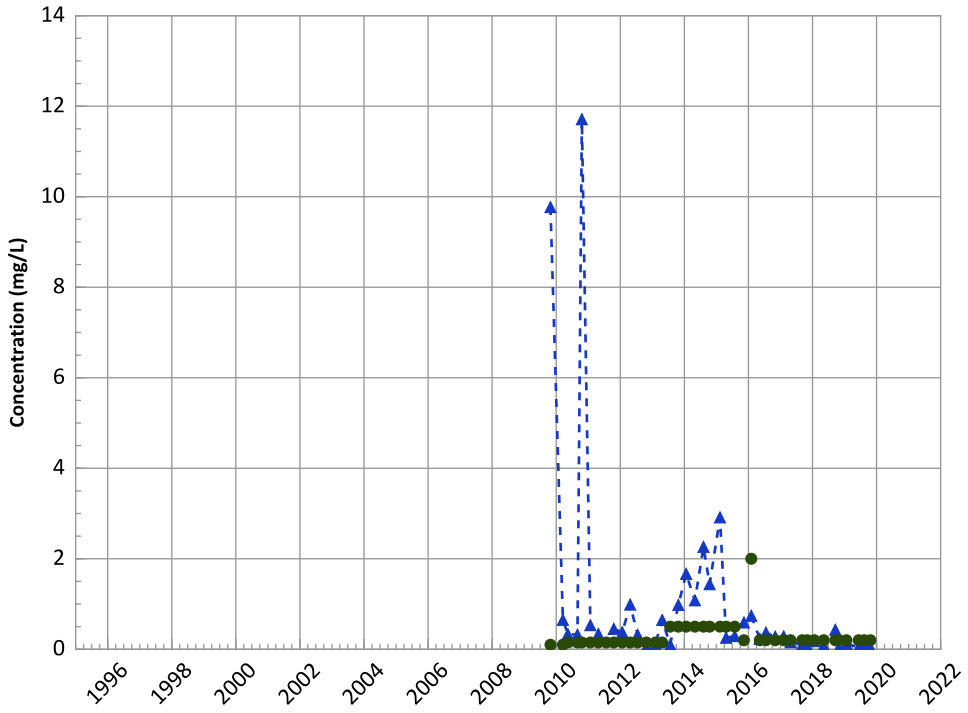
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1153 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

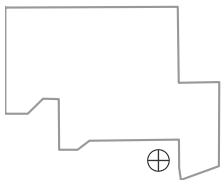
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

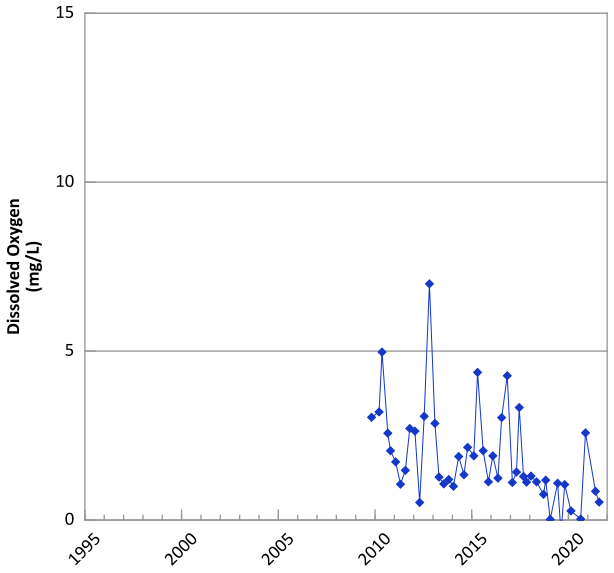
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

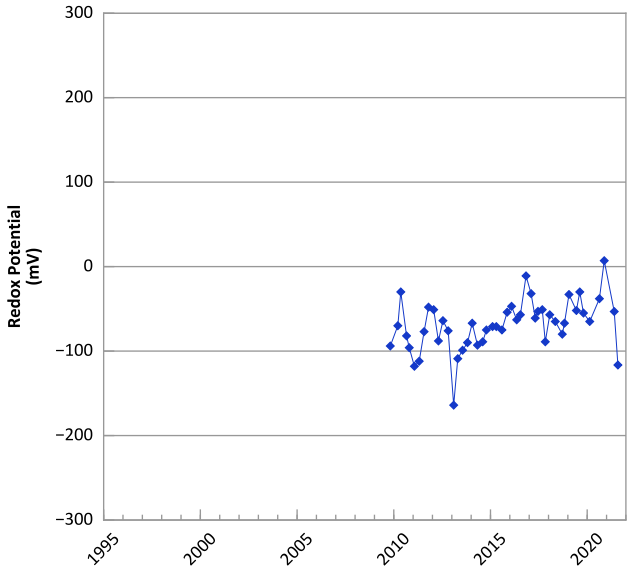
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

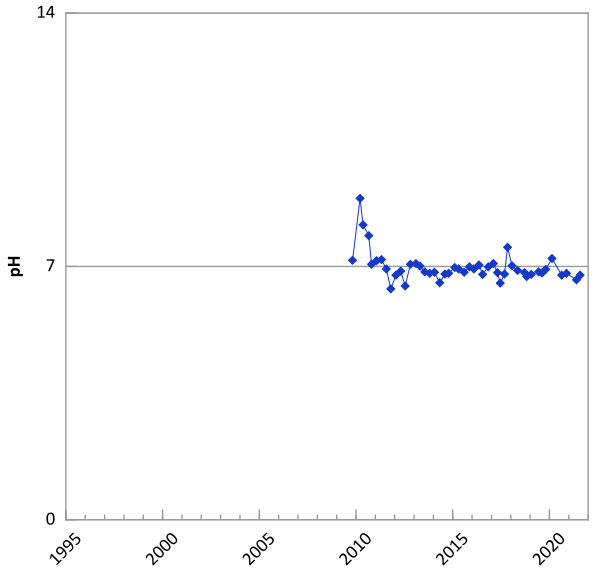
Well Location

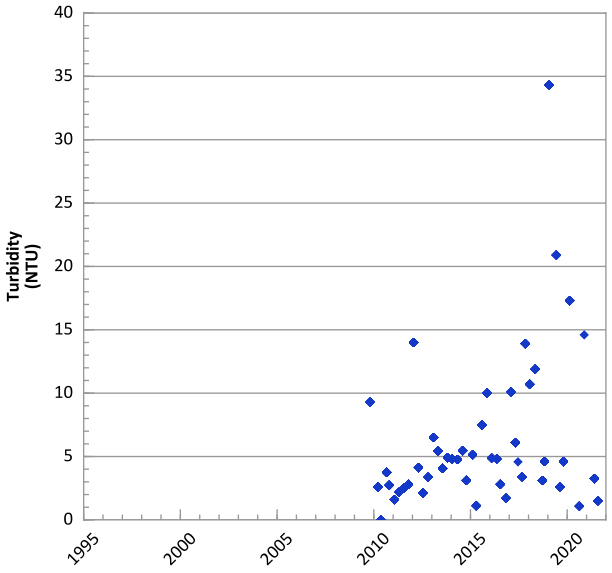


PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



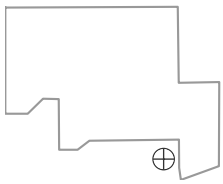






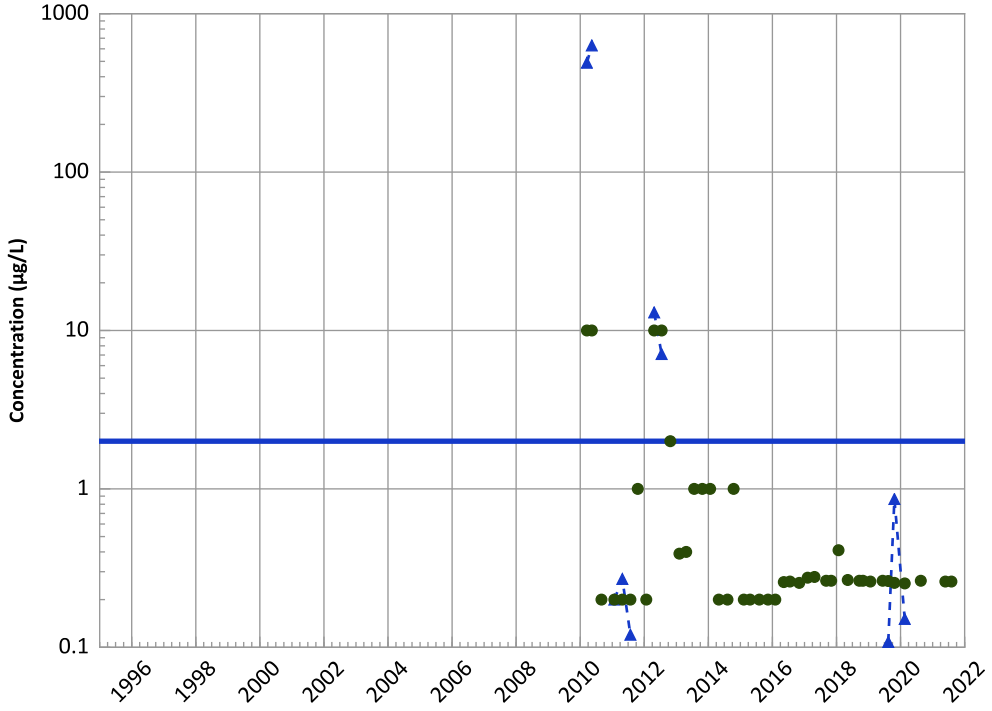
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

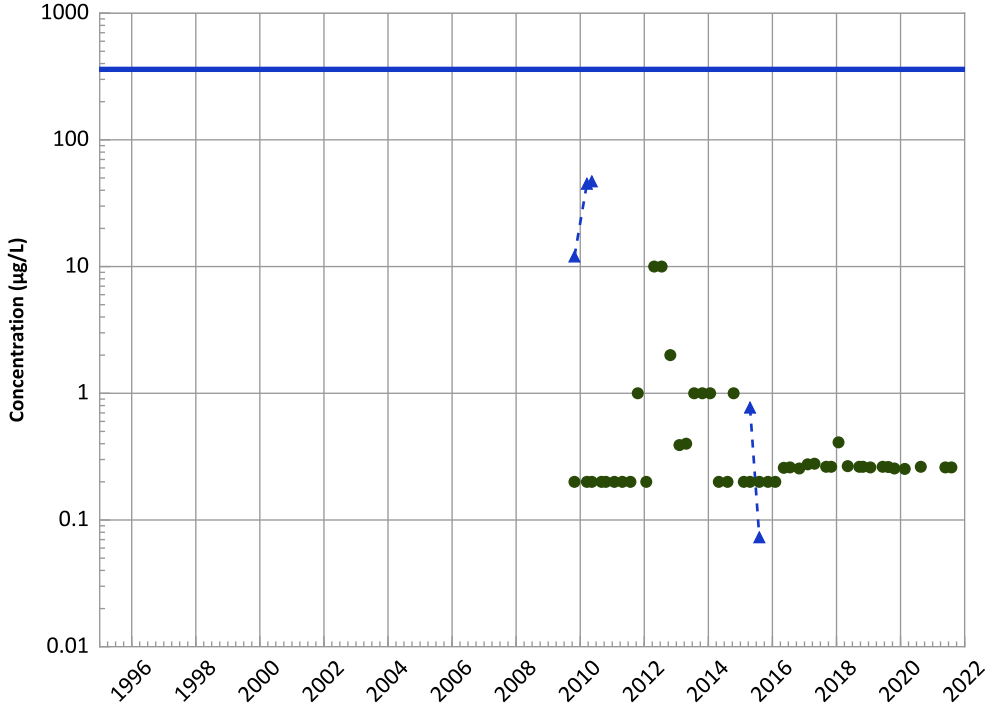


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

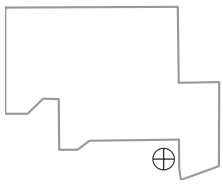
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

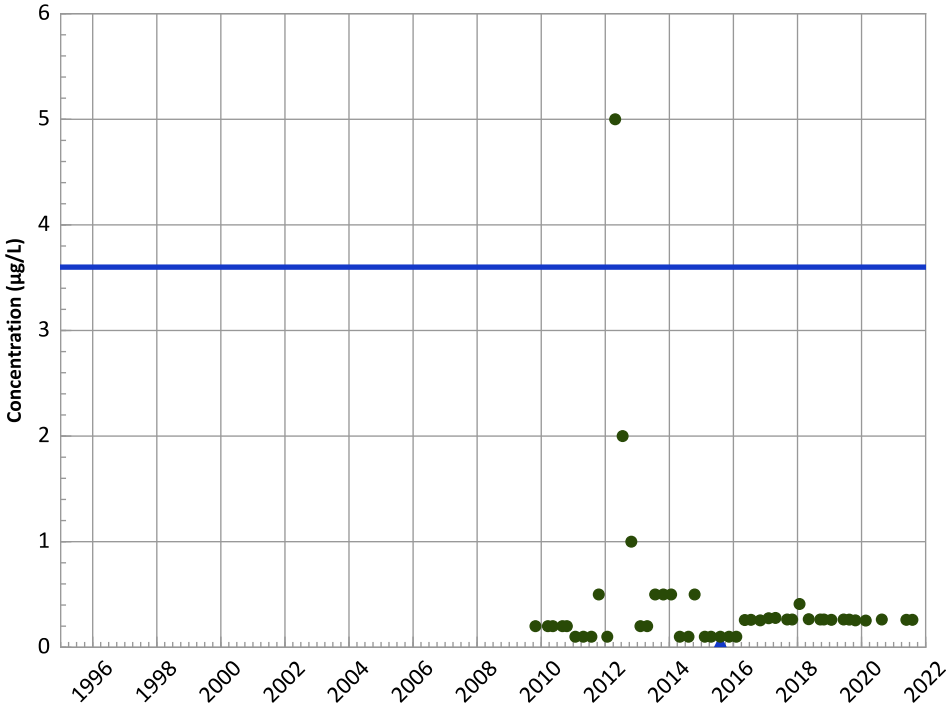
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

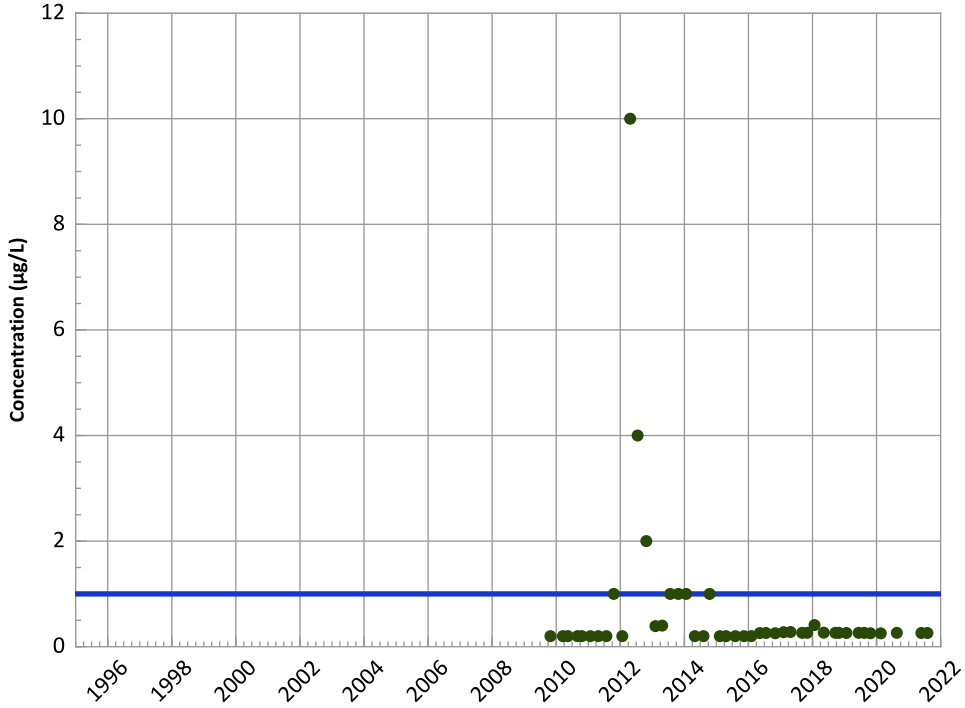


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

2,4-Dinitrotoluene Trend



Concentration Trend

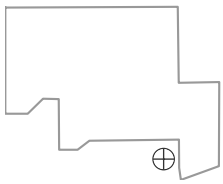
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

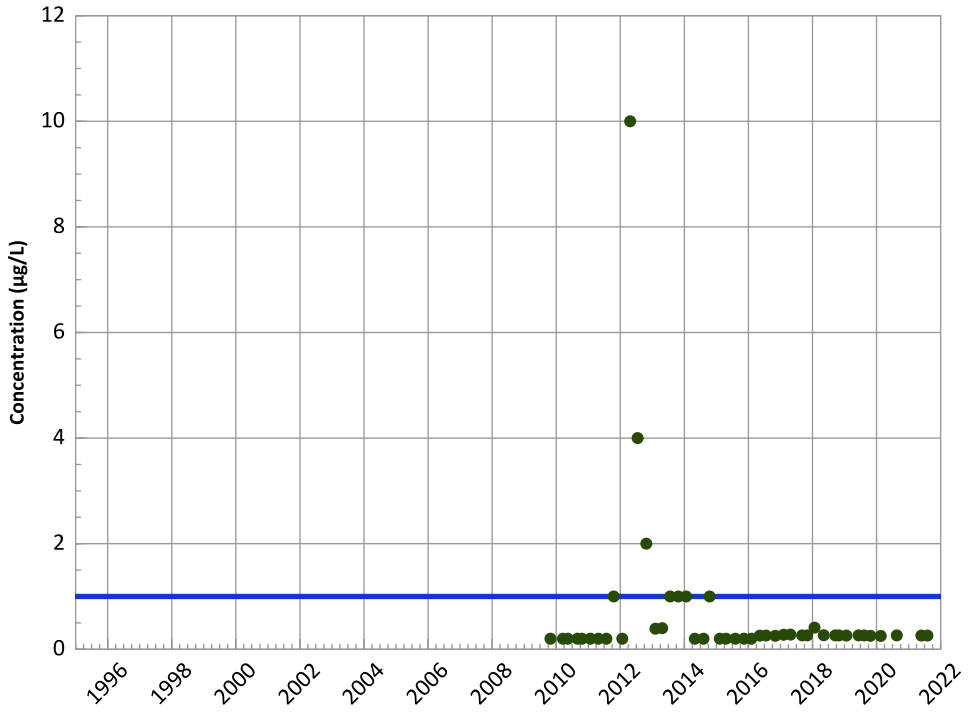
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

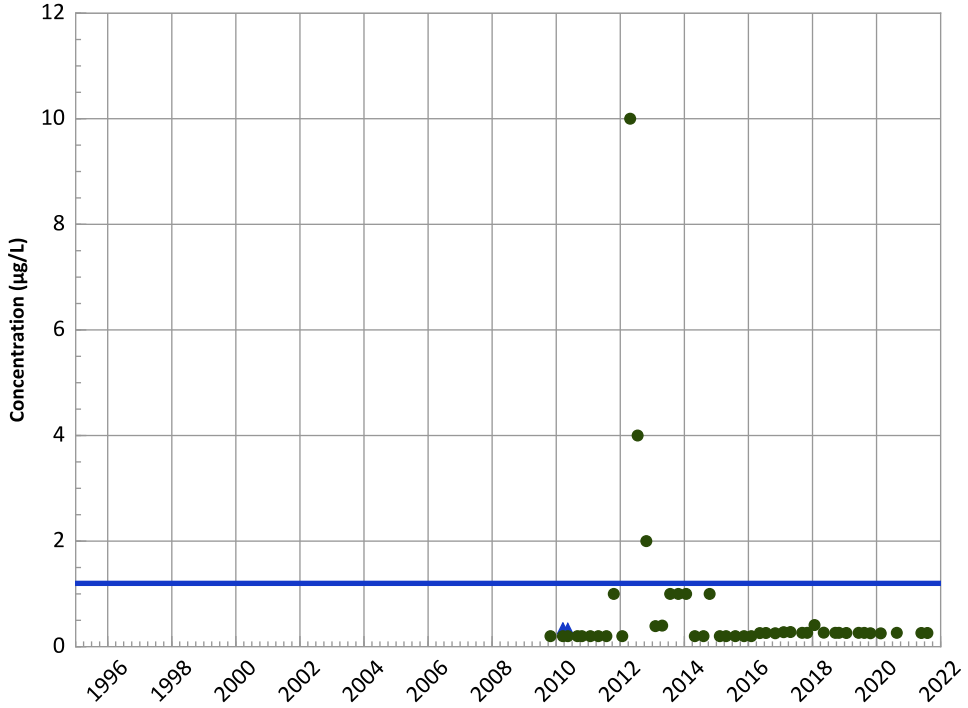


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

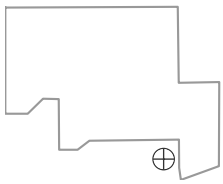
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

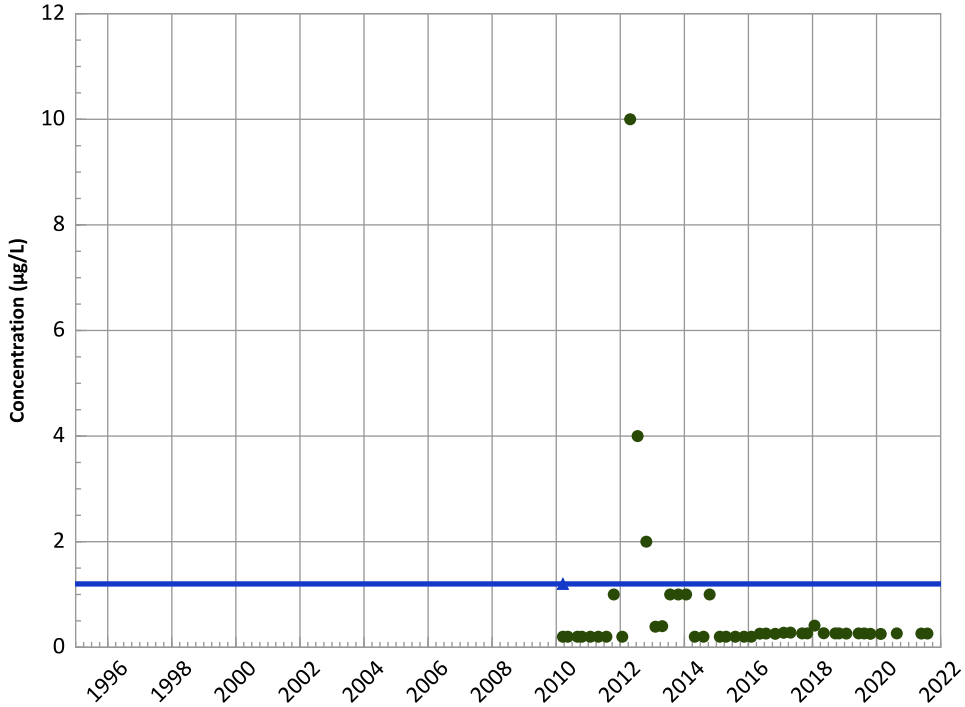
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

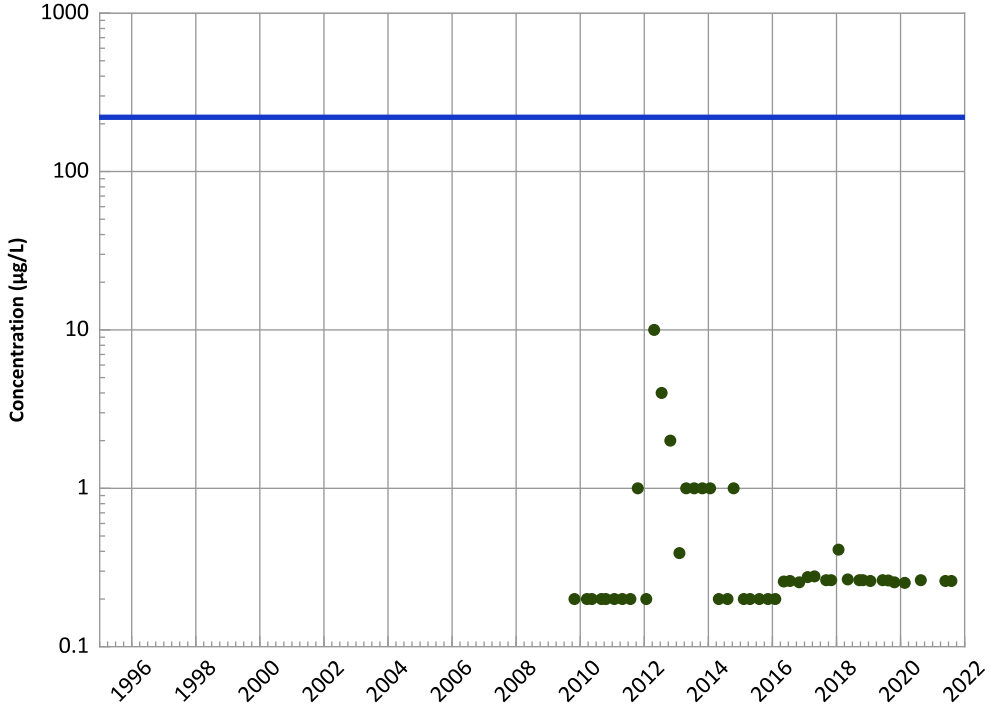


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

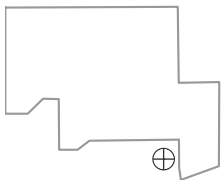
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

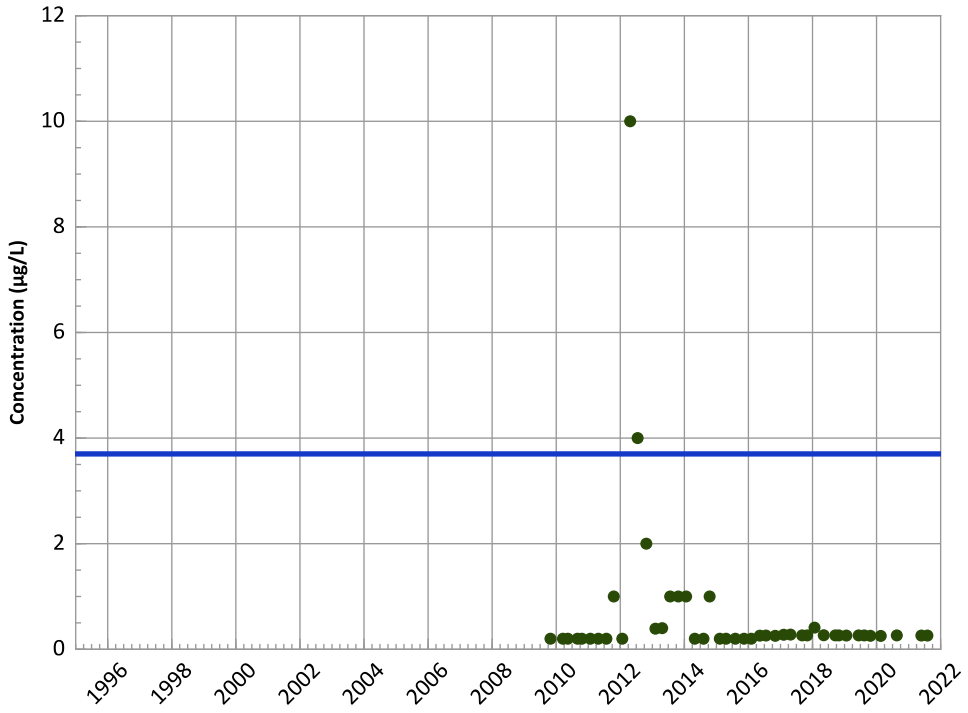
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

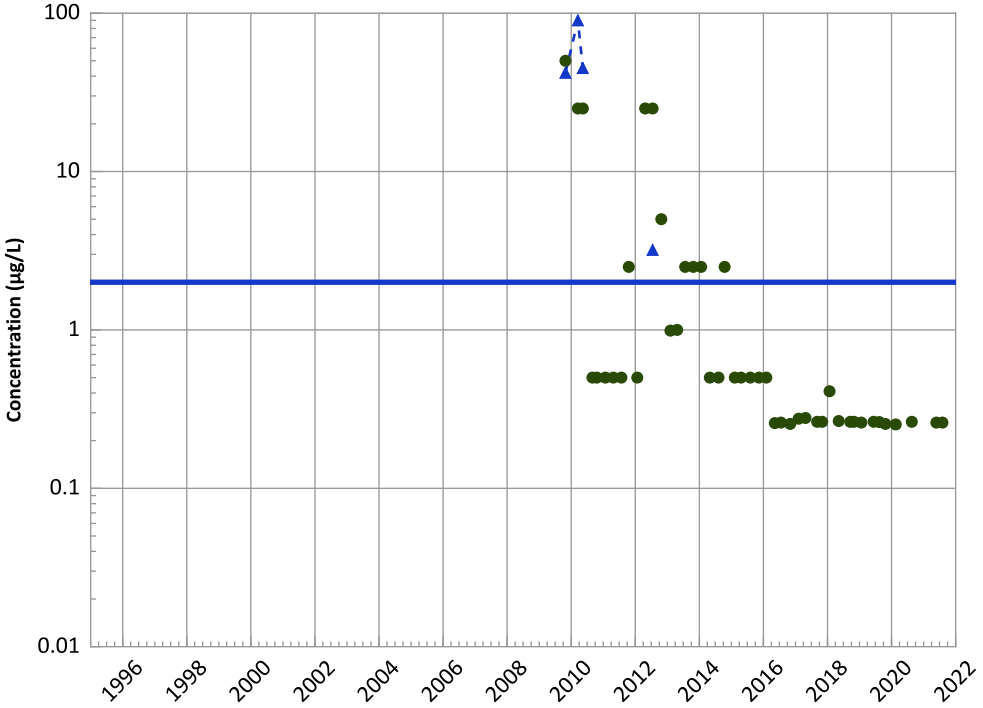


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

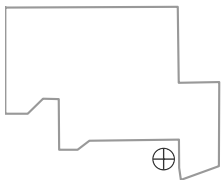
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

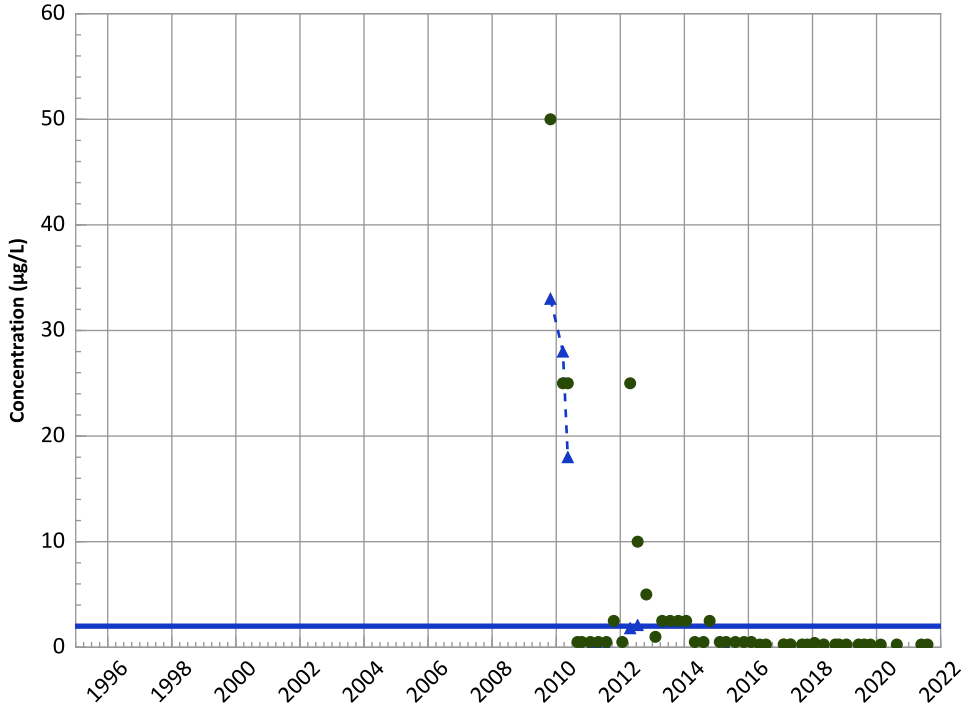
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

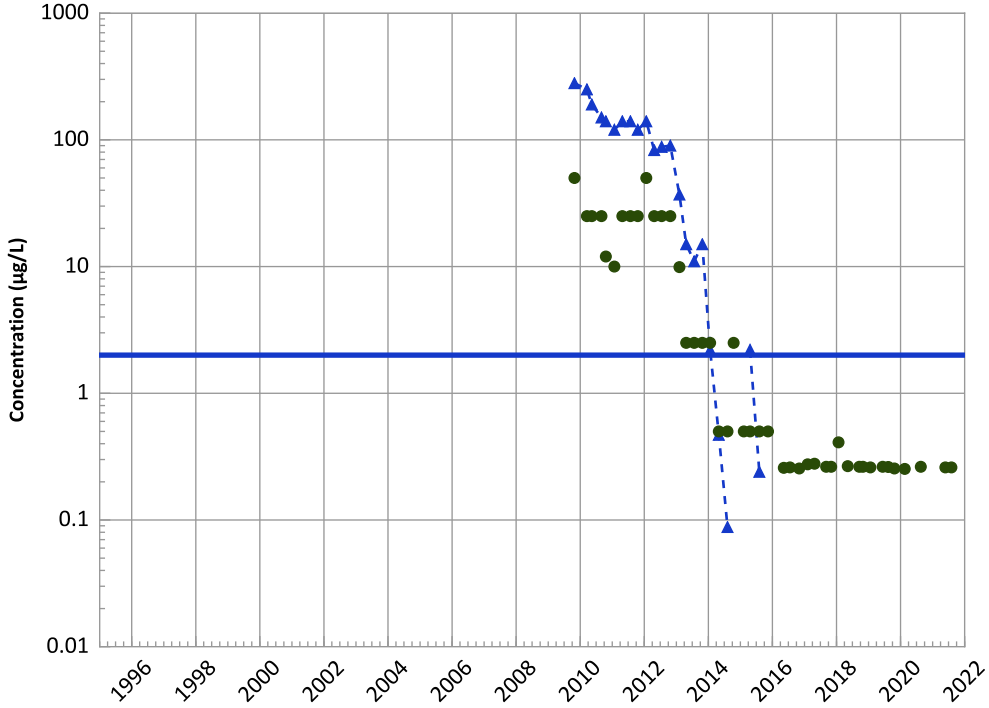


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

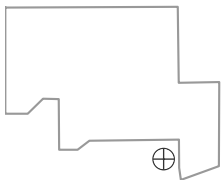
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

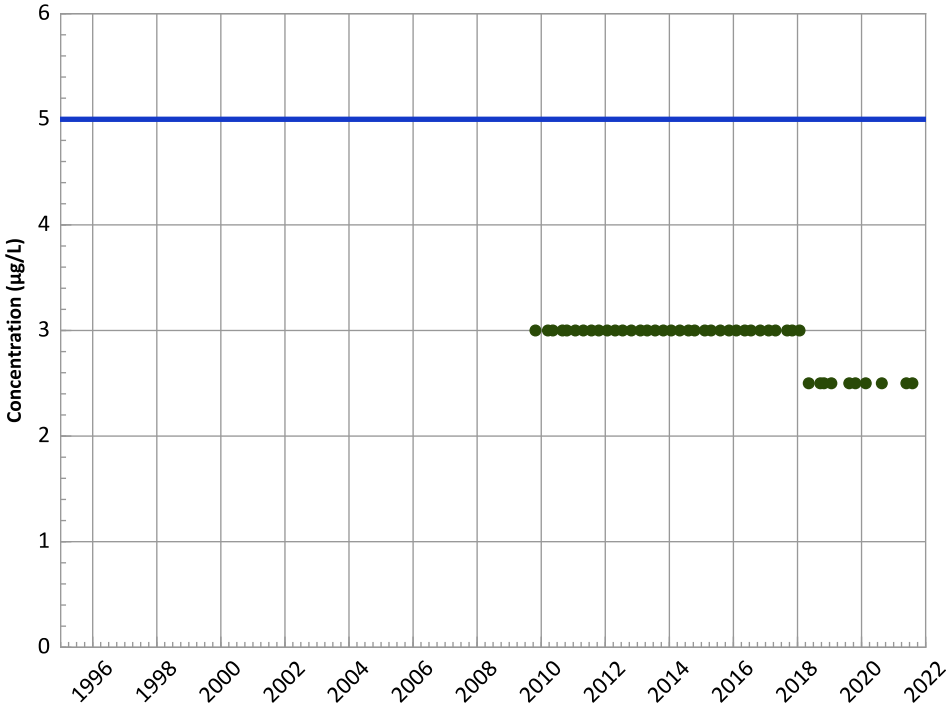
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

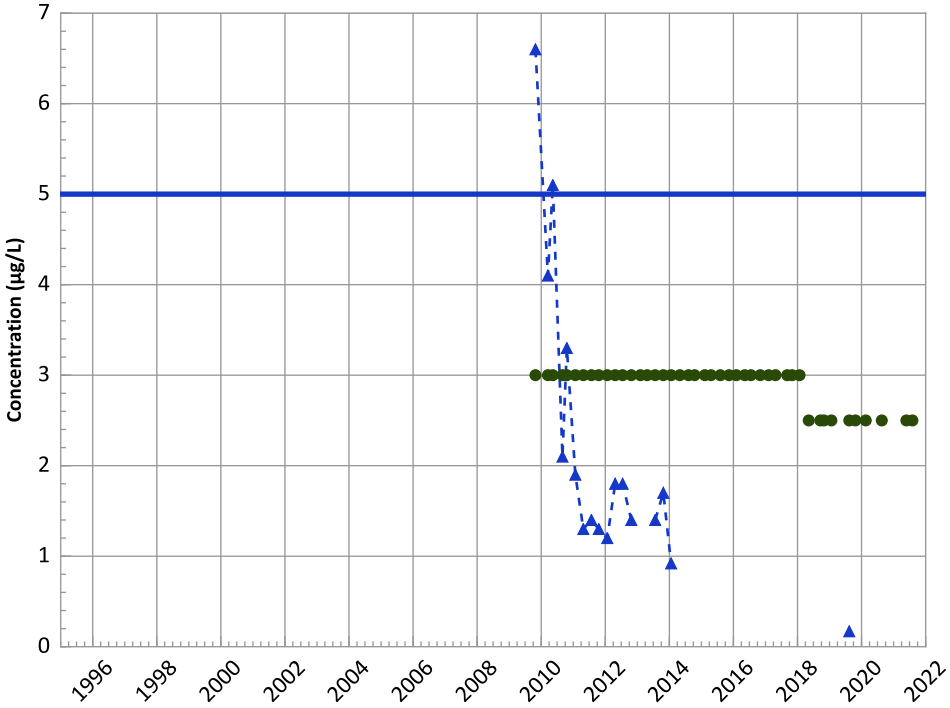


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

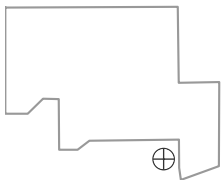
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

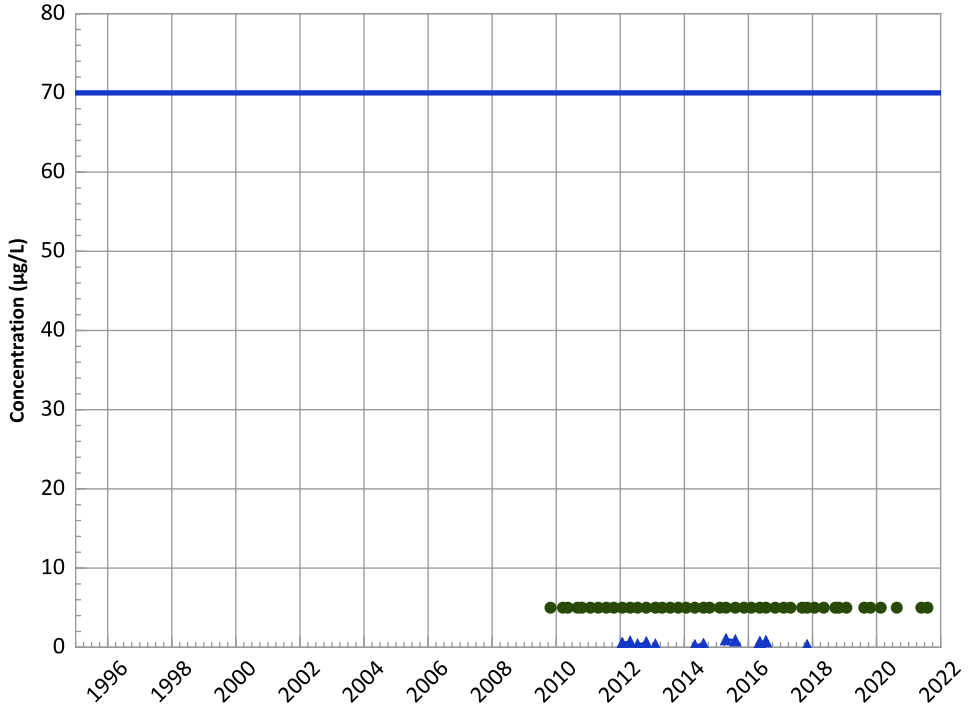
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

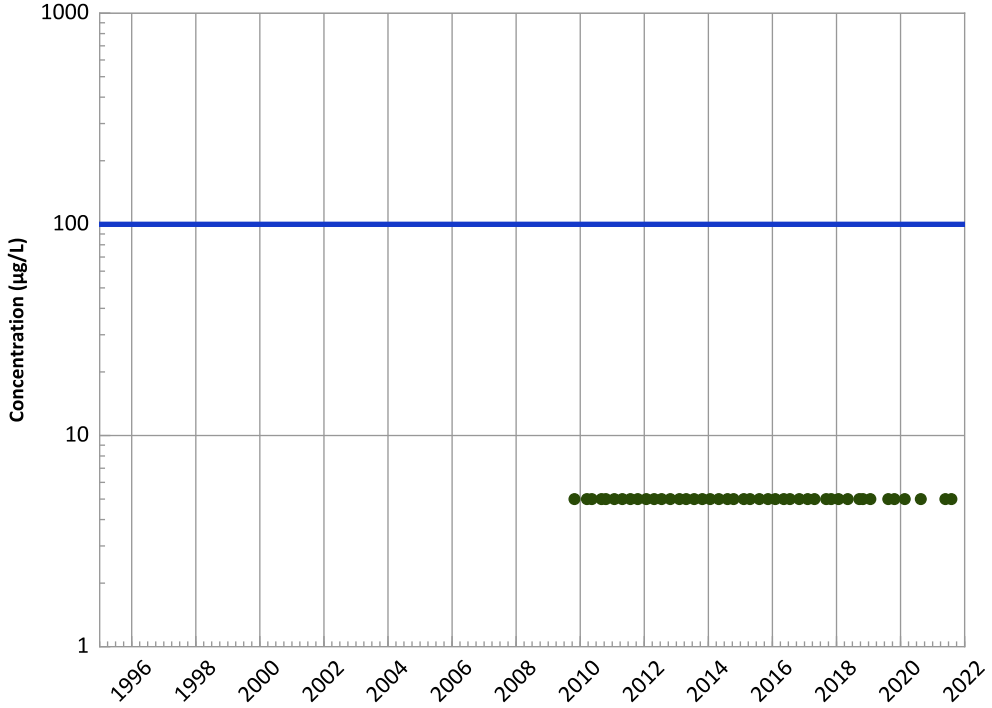


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

trans-1,2-Dichloroethene Trend



Concentration Trend

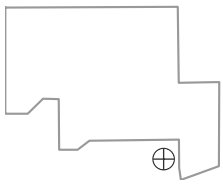
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

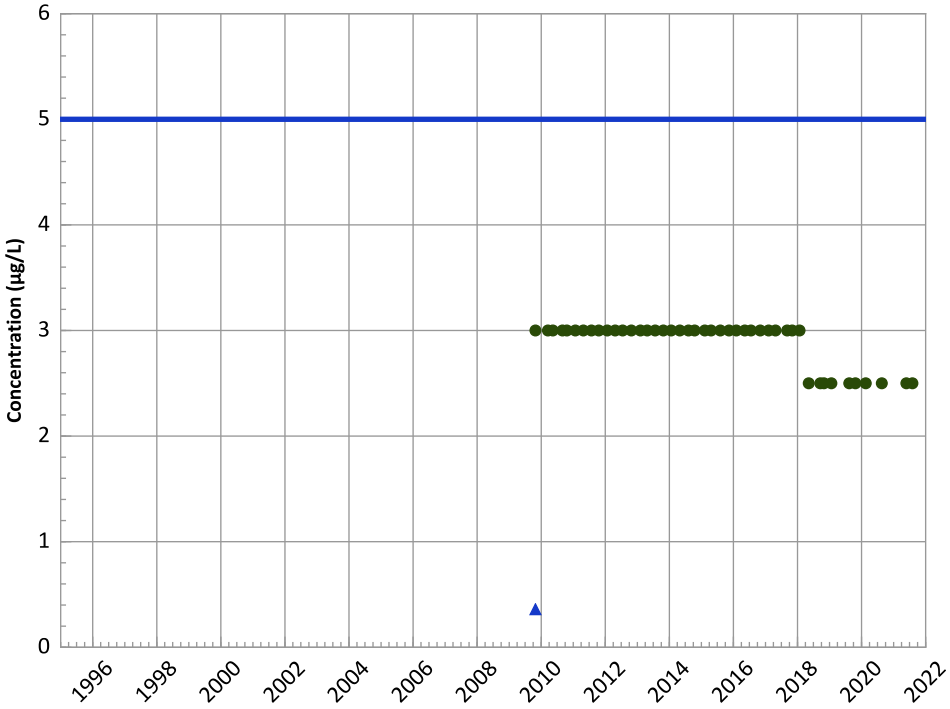
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

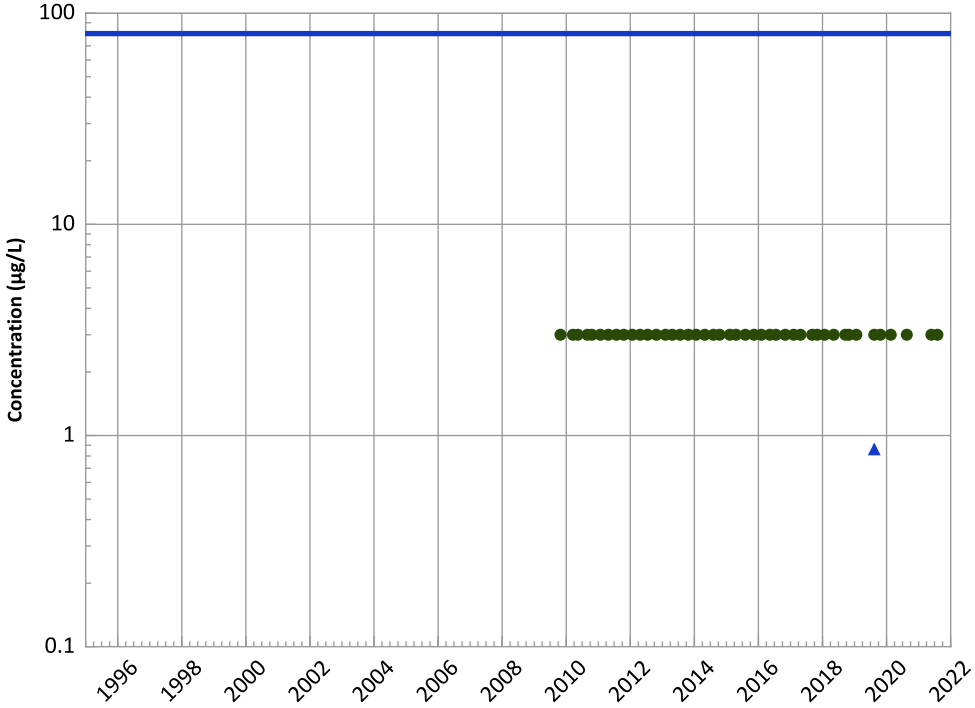


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

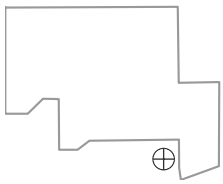
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

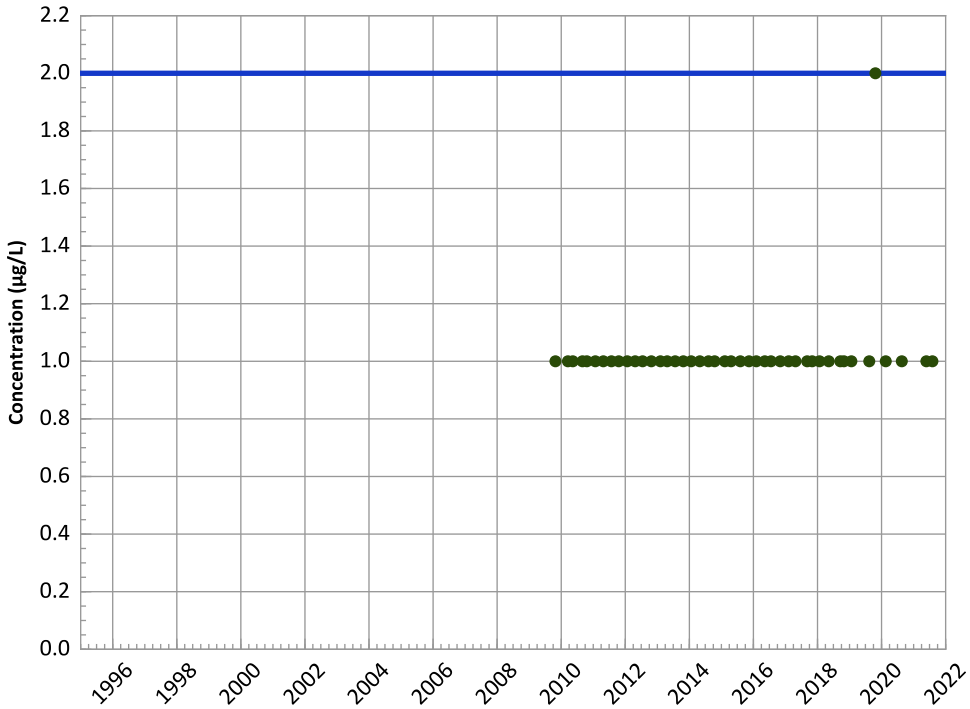
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

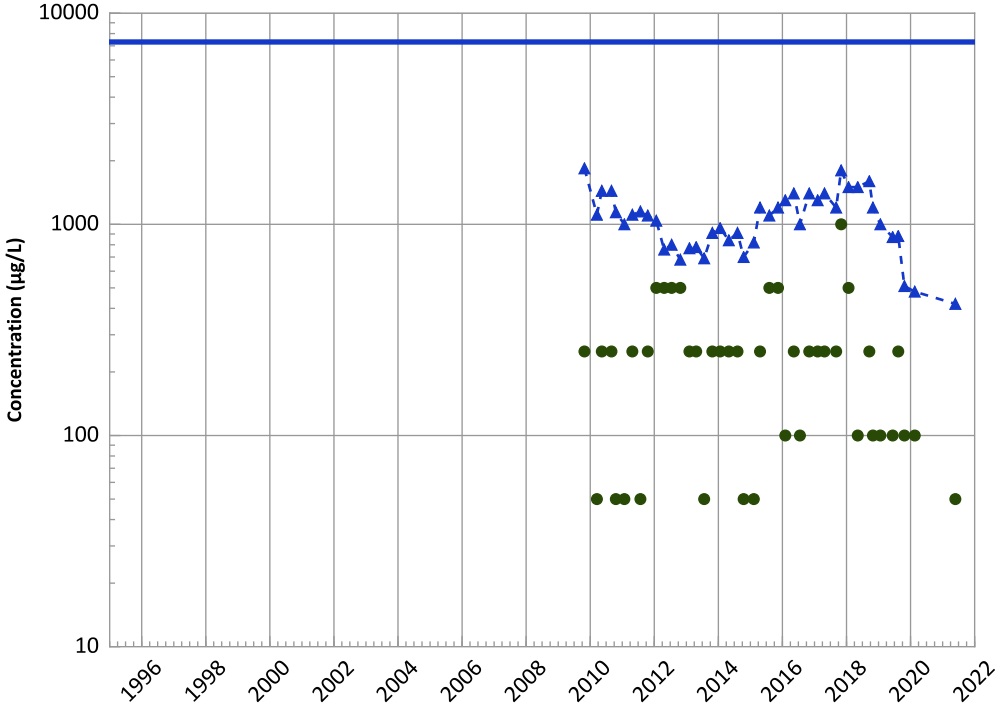


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

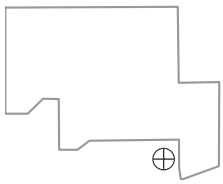
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

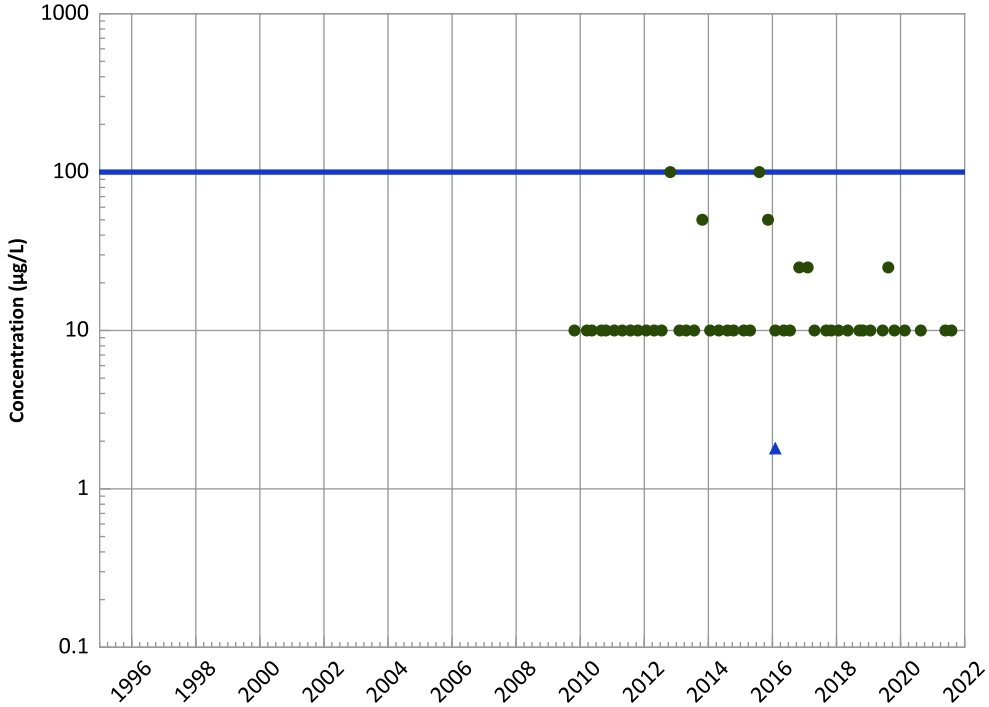
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

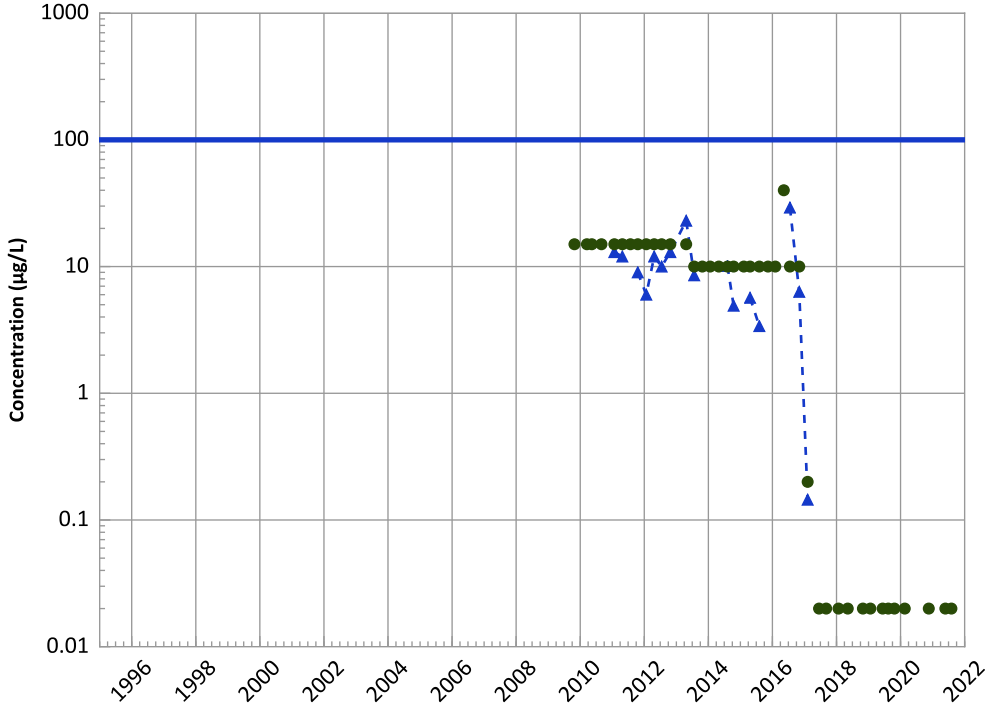


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Hexavalent Trend



Concentration Trend

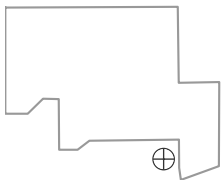
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

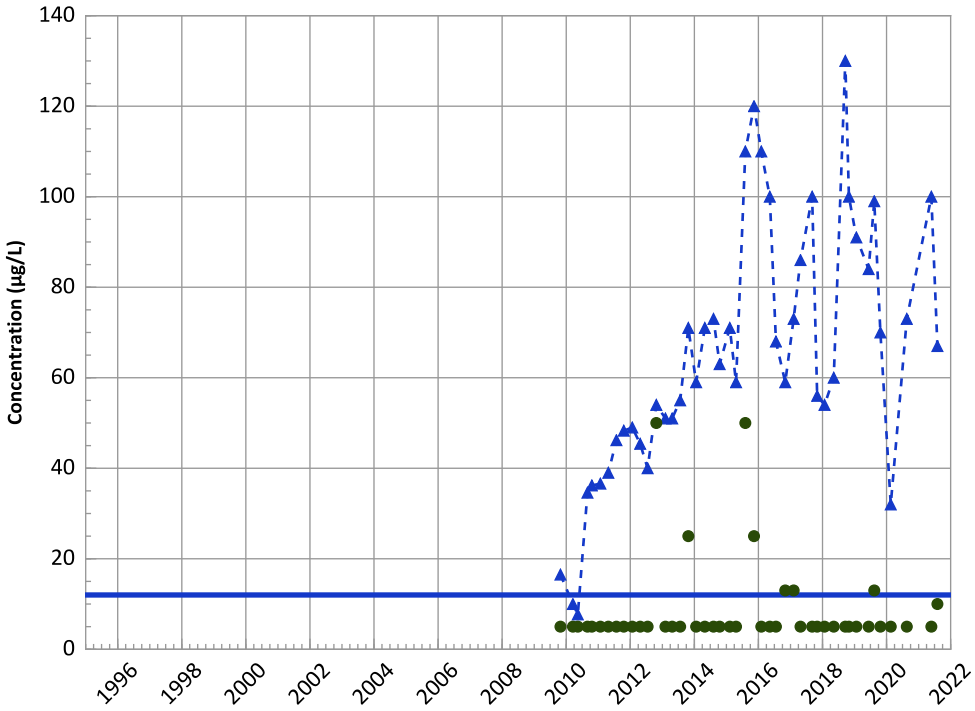
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

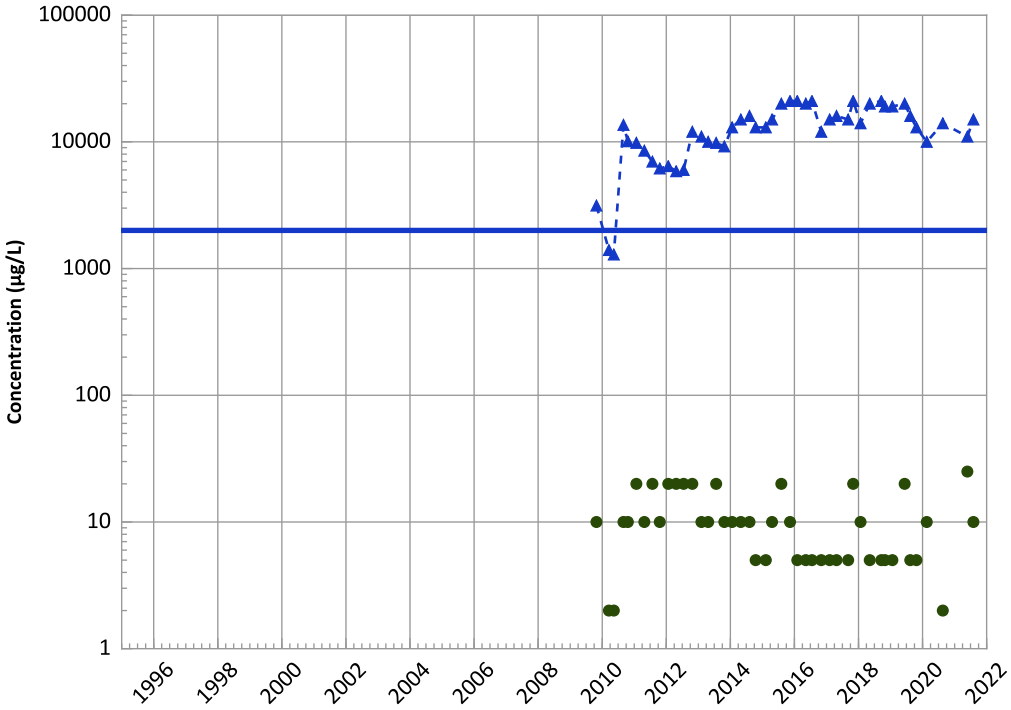


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

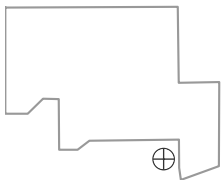
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

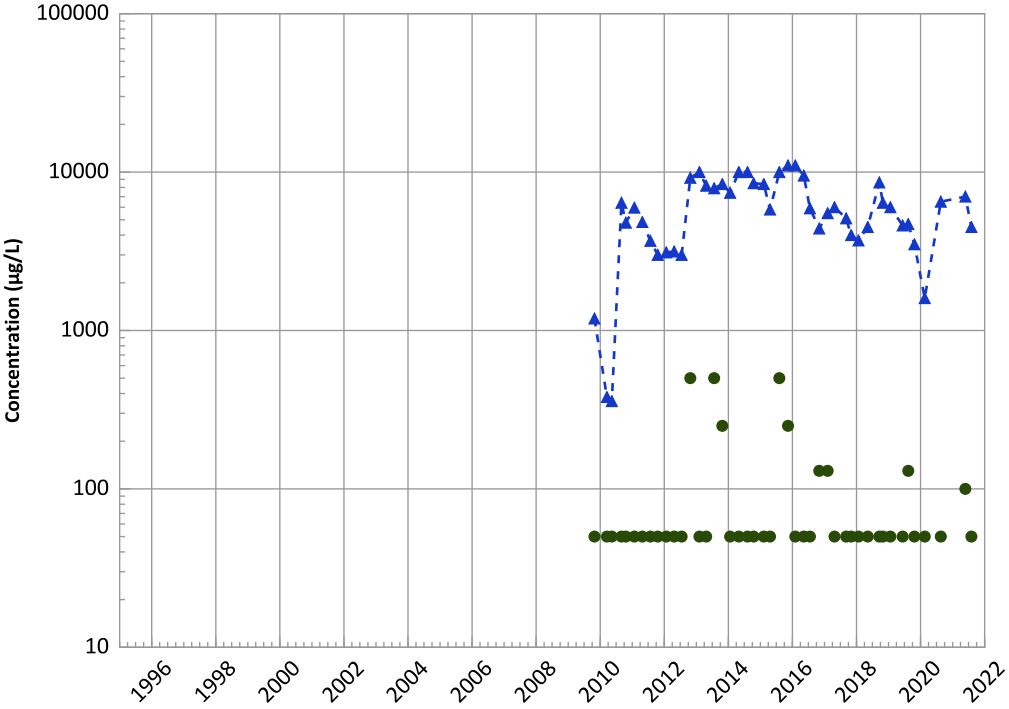
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

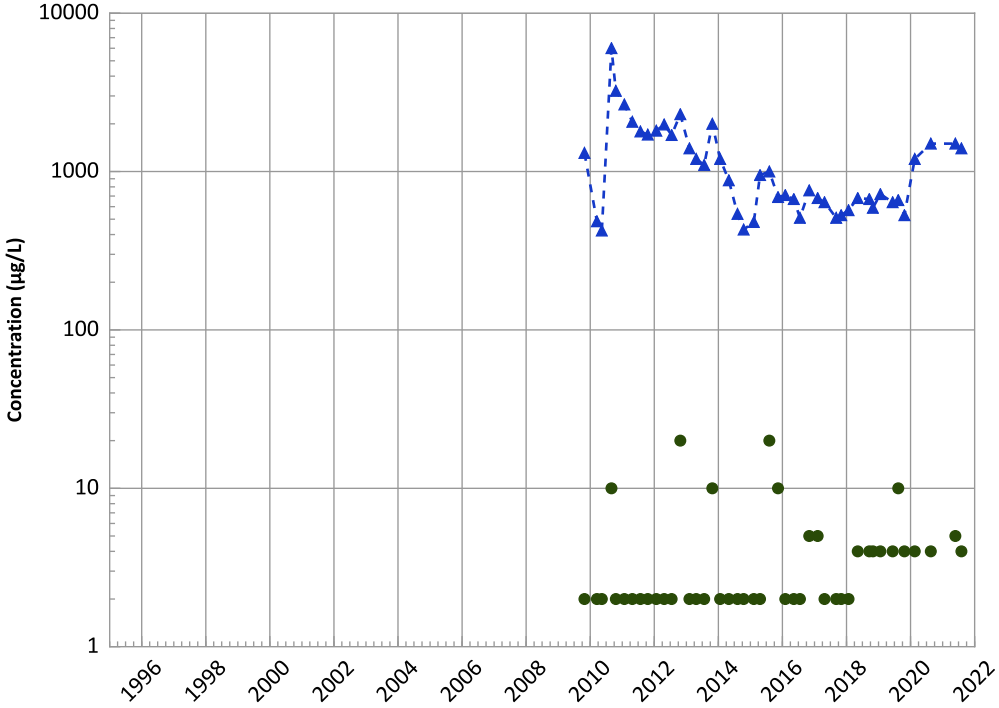


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

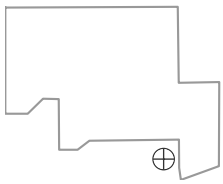
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

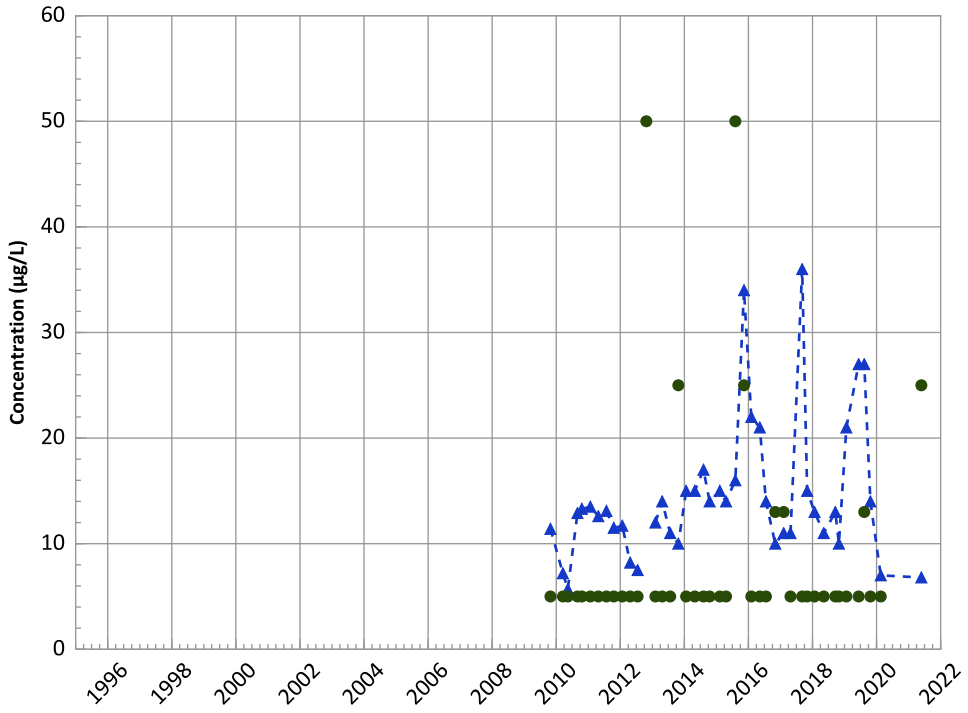
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

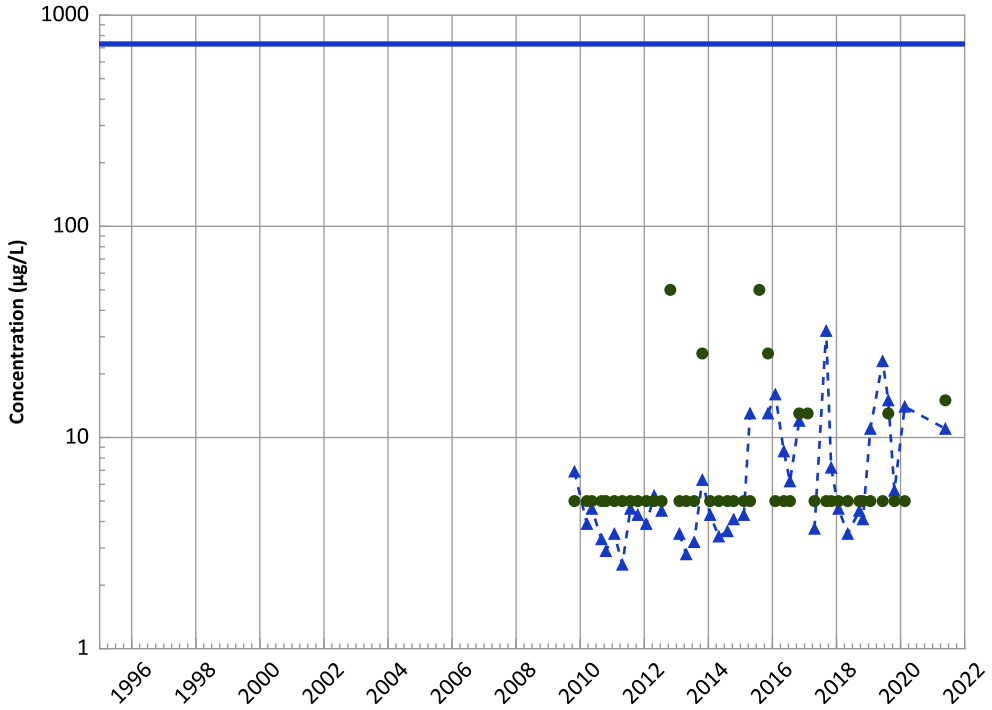


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Nickel Trend



Concentration Trend

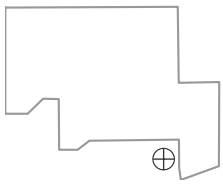
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

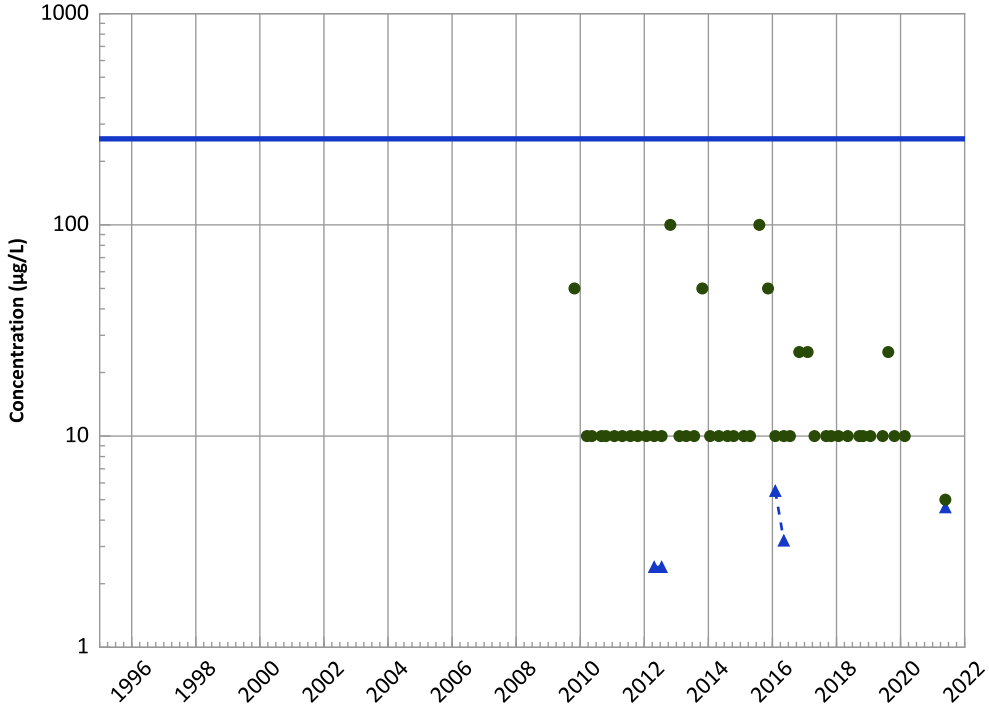
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend

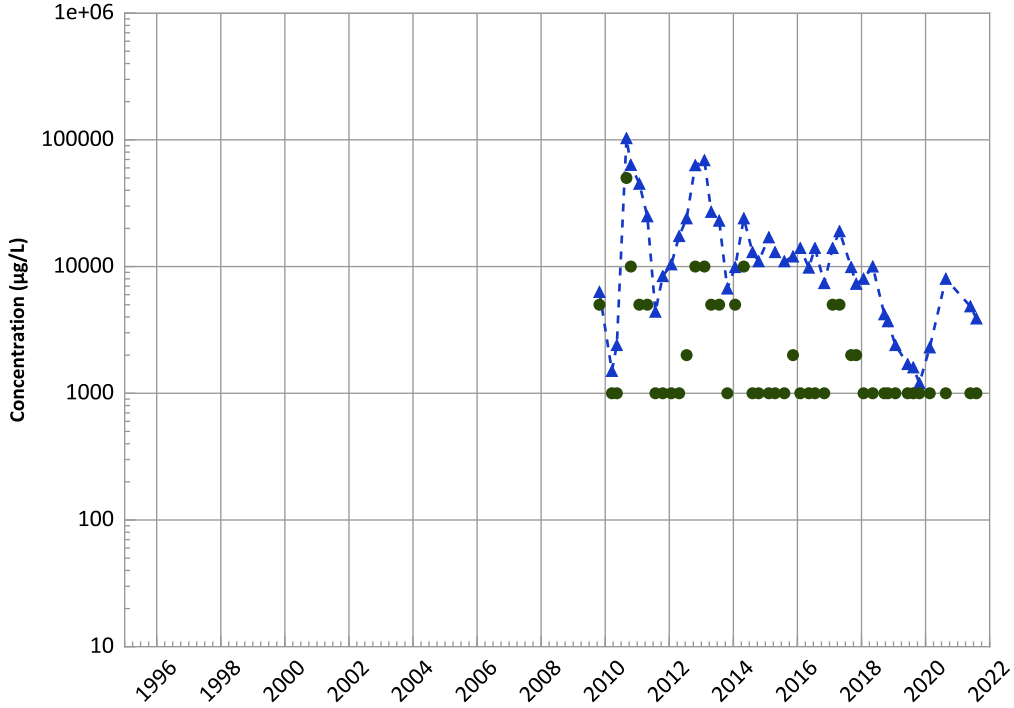


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Total Organic Carbon Trend



Concentration Trend

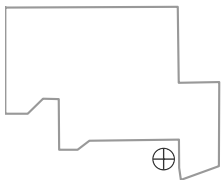
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

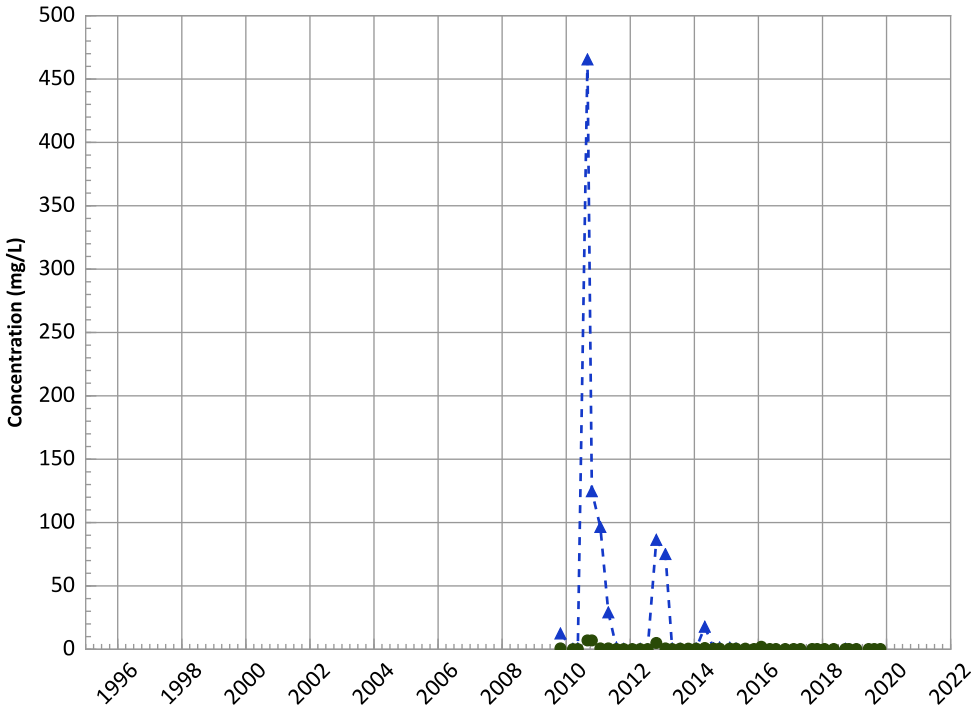
▲ Measured Value
● Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1154 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Volatile Fatty Acids Trend



Concentration Trend

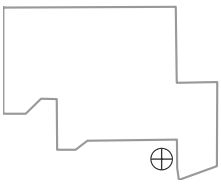
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

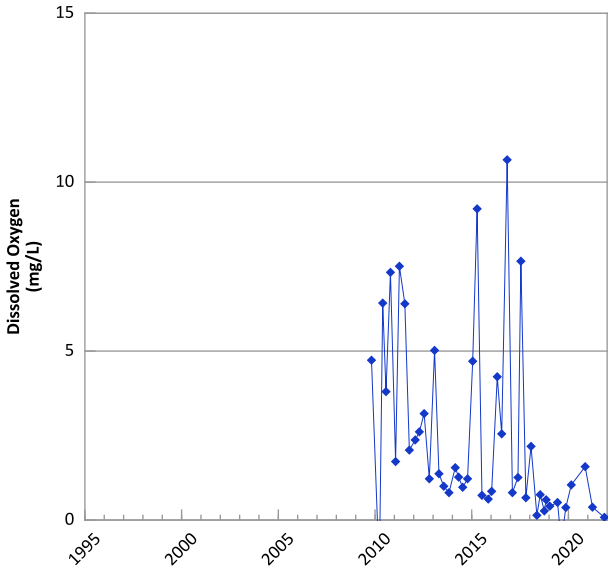
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/27/2009 to 08/03/2021
Analysis Date: 05/02/2022

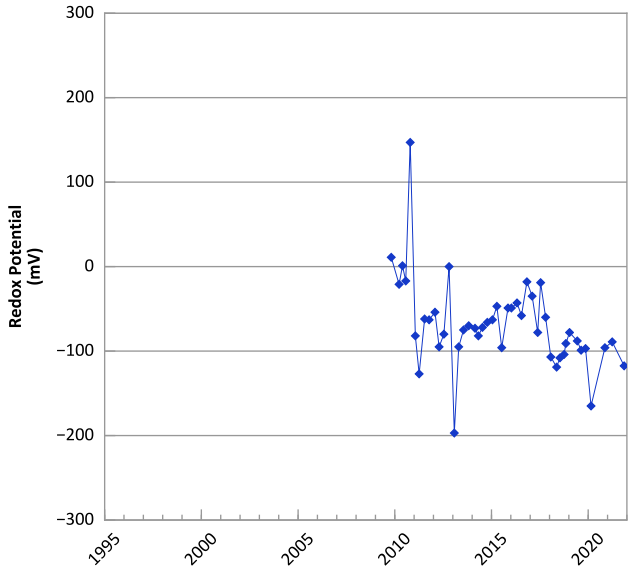
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

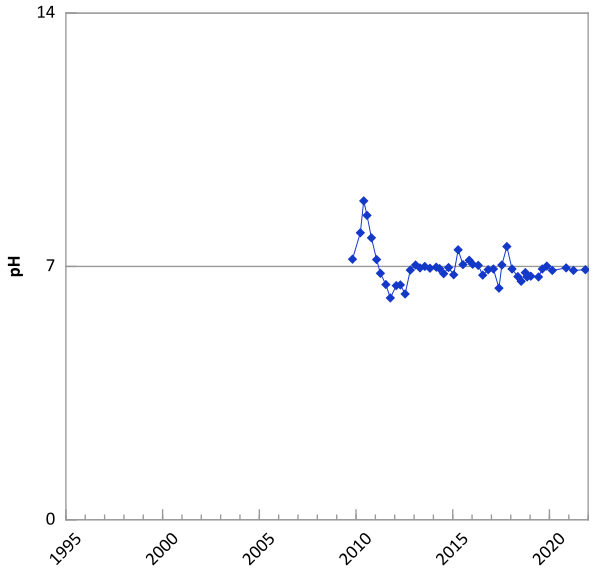
Well Location

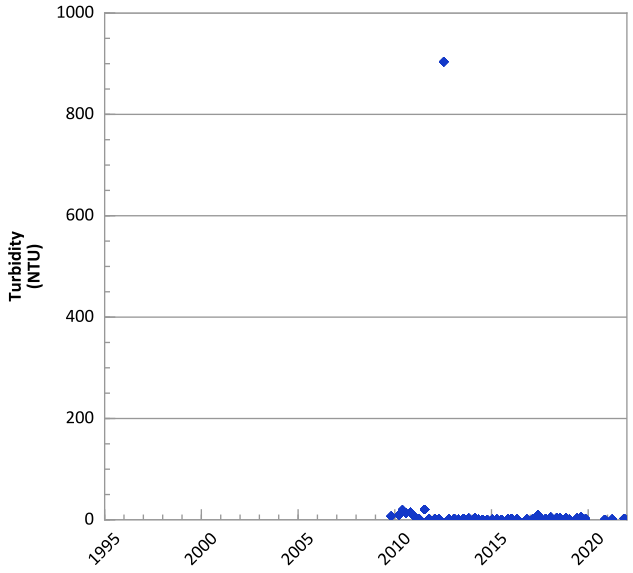


PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



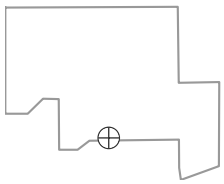






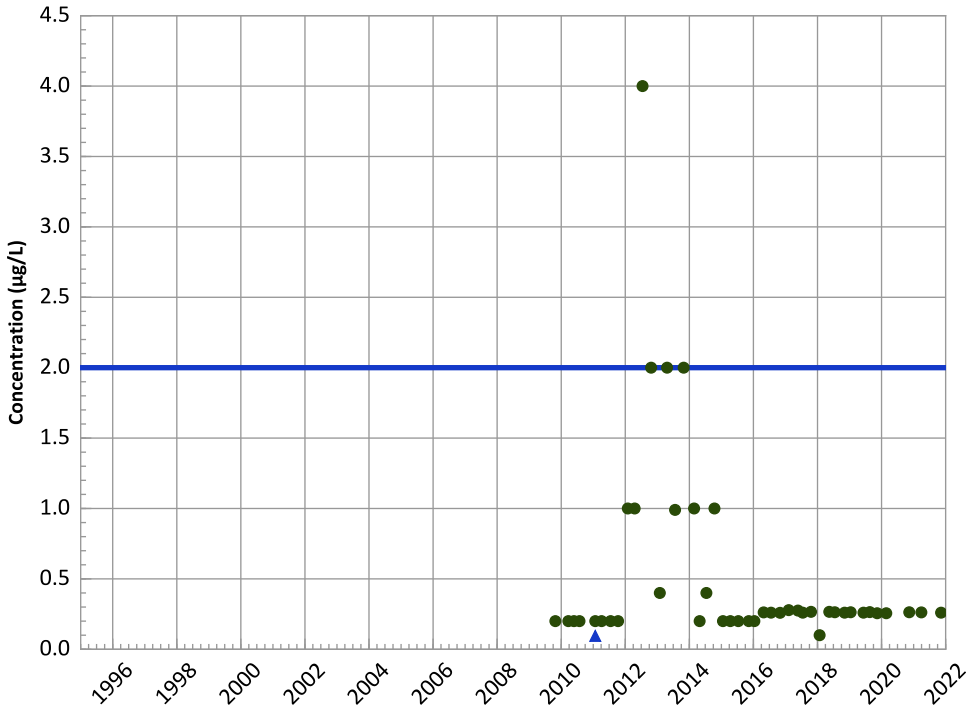
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

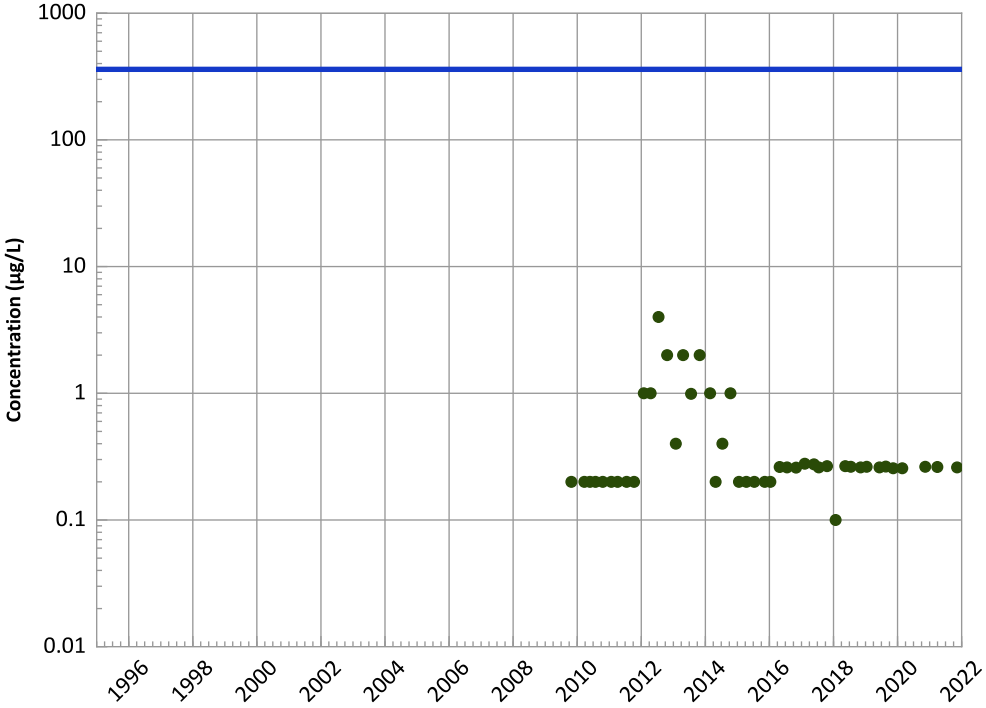


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

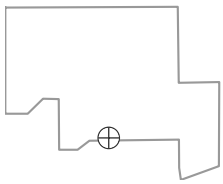
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

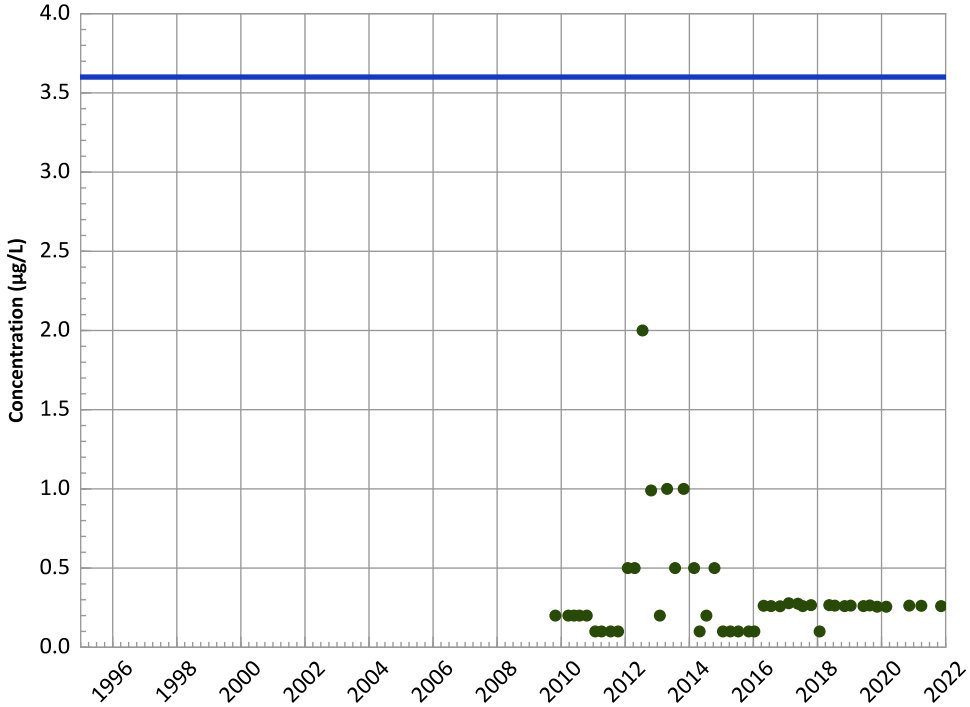
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

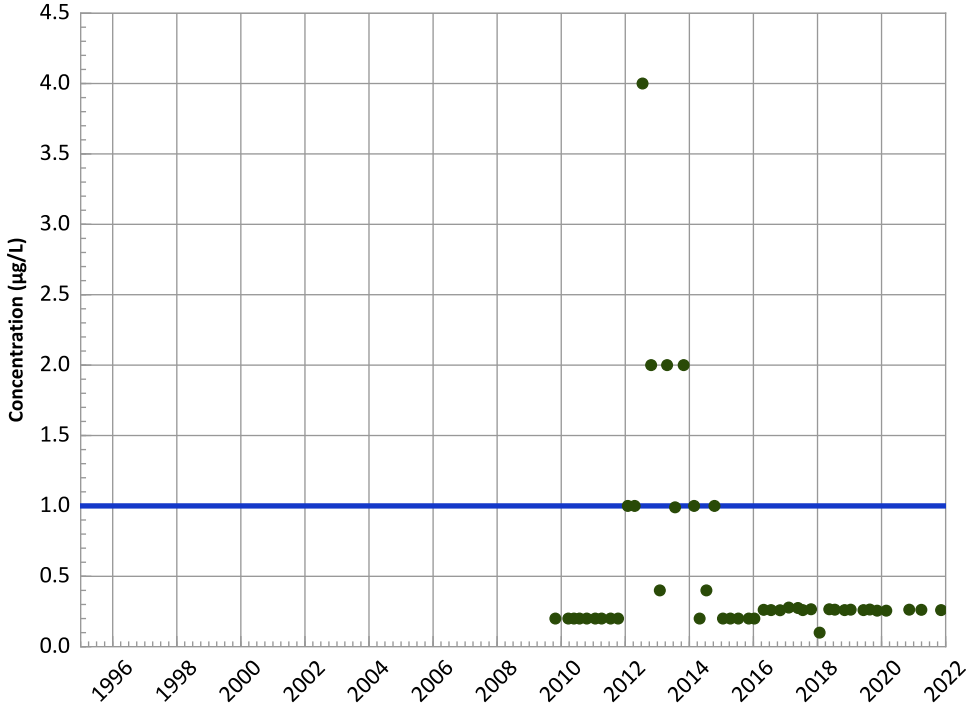


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

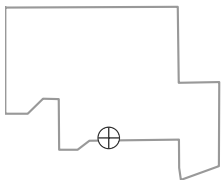
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

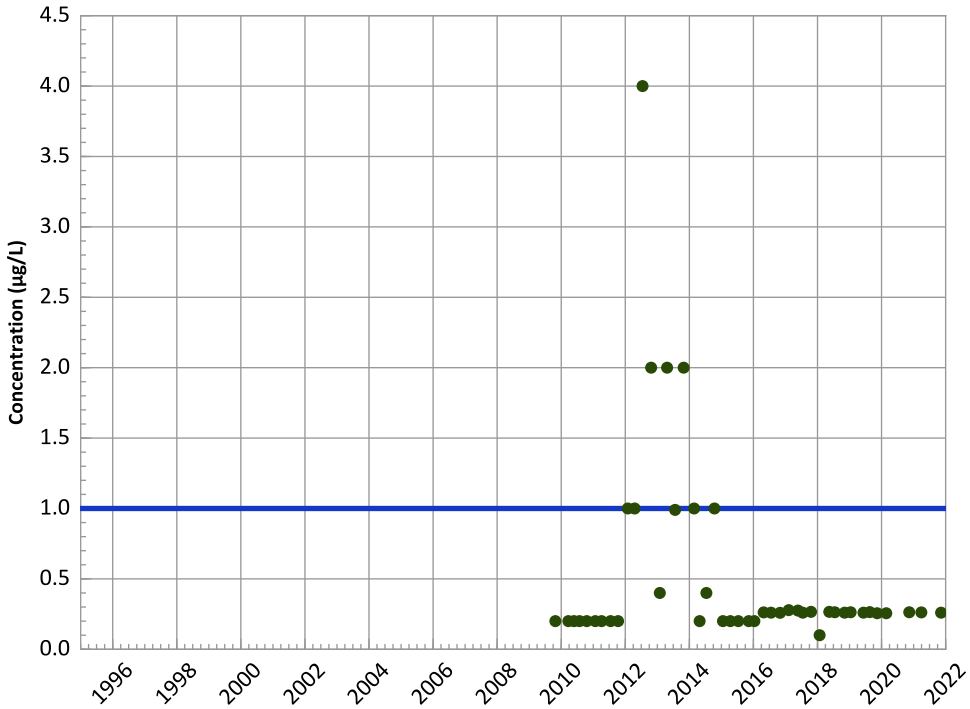
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

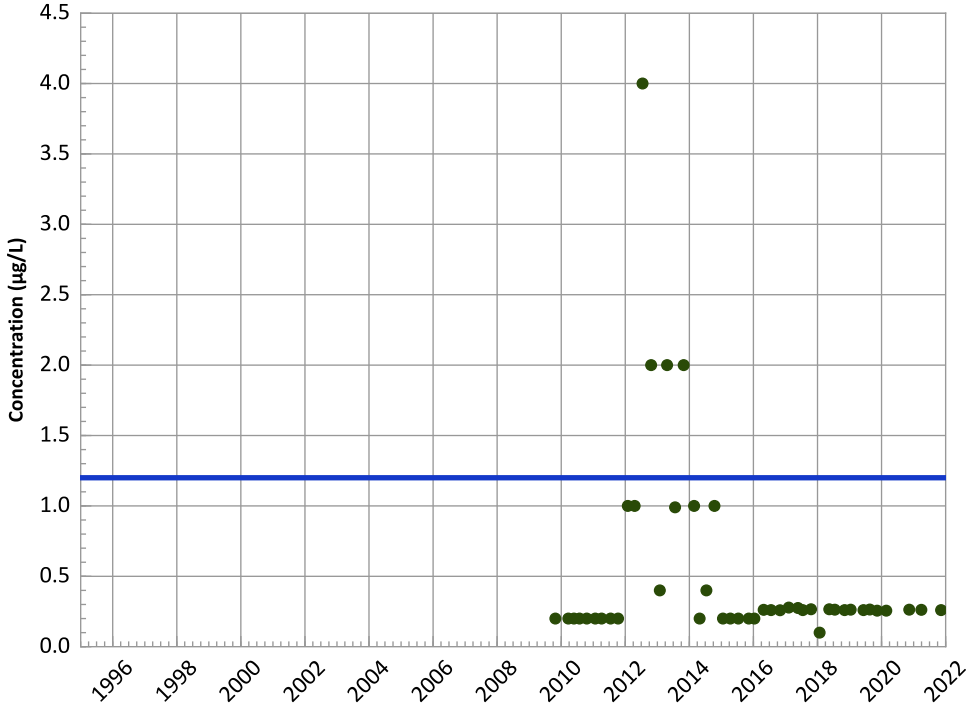


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

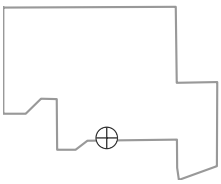
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

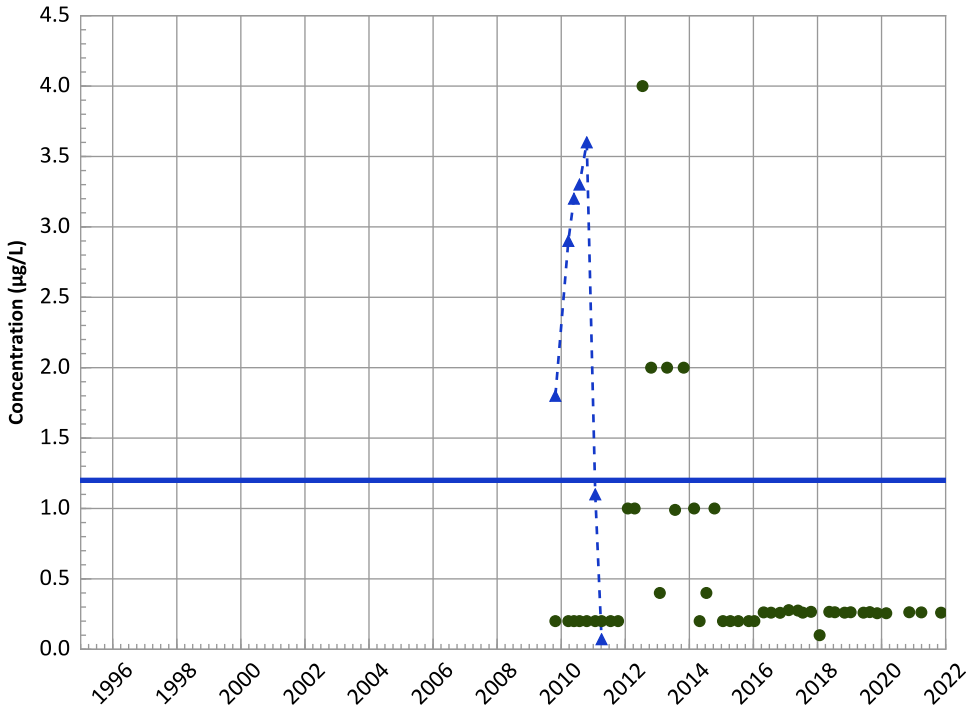
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

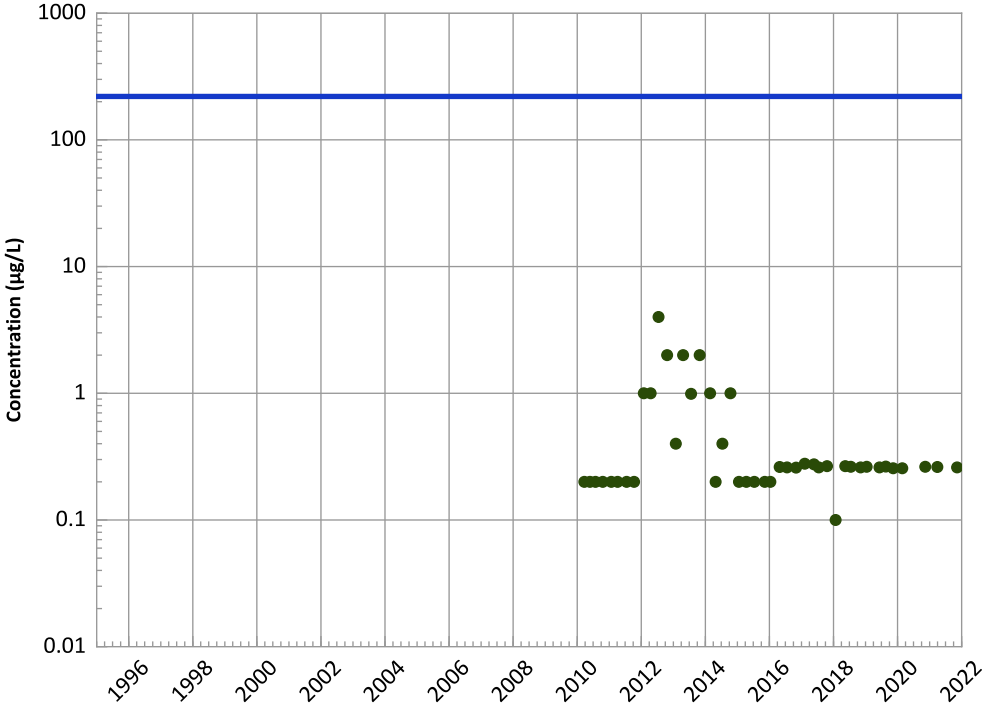


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

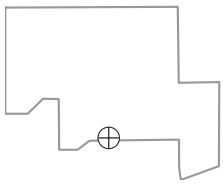
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

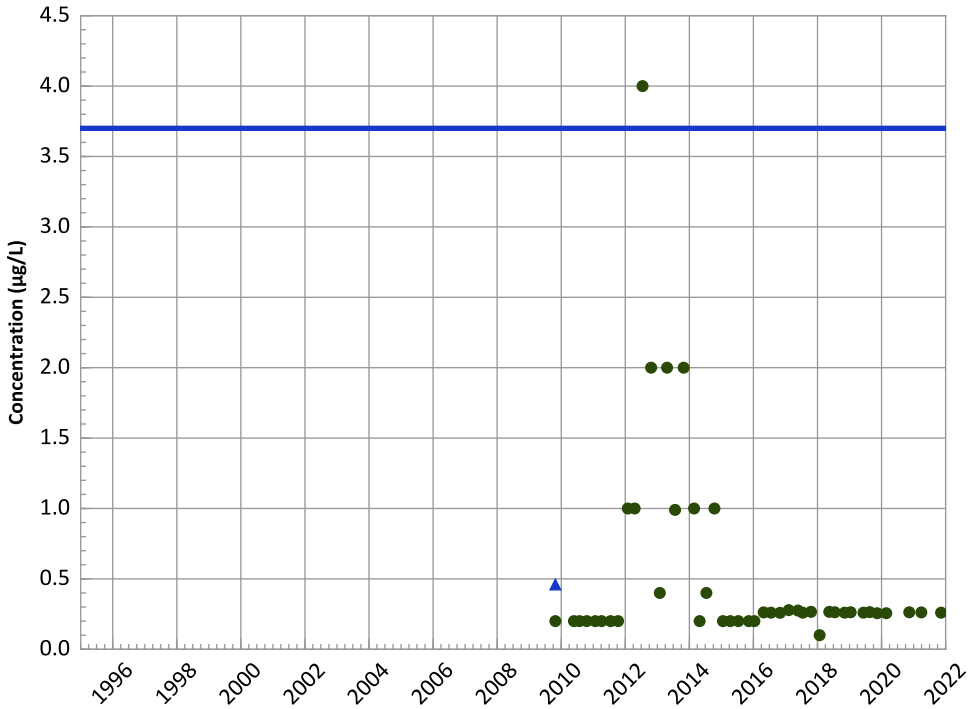
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

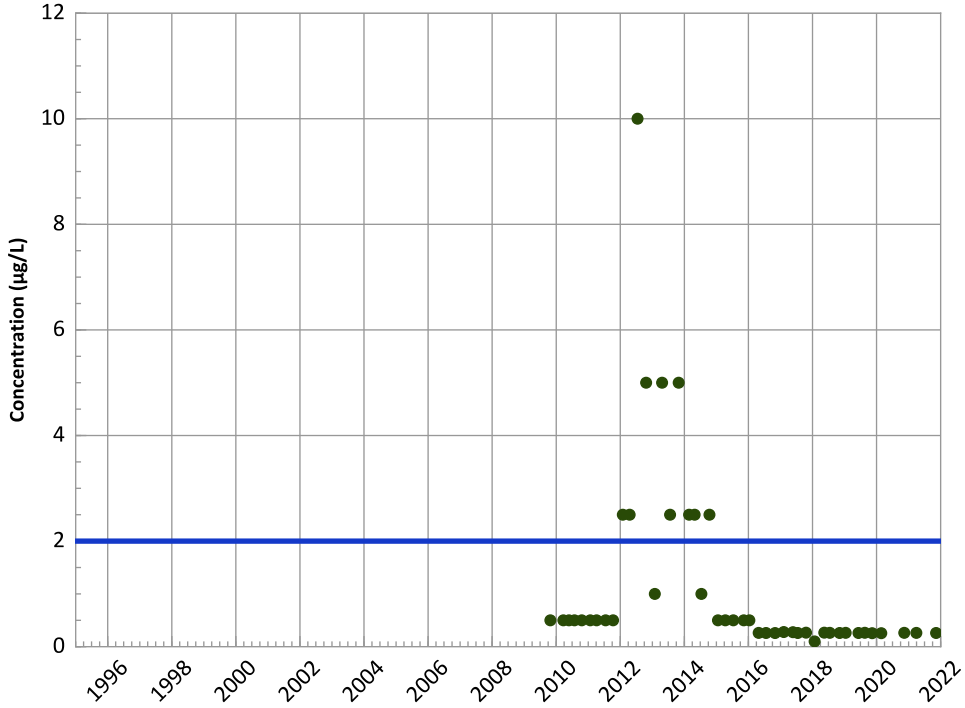


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

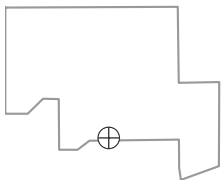
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

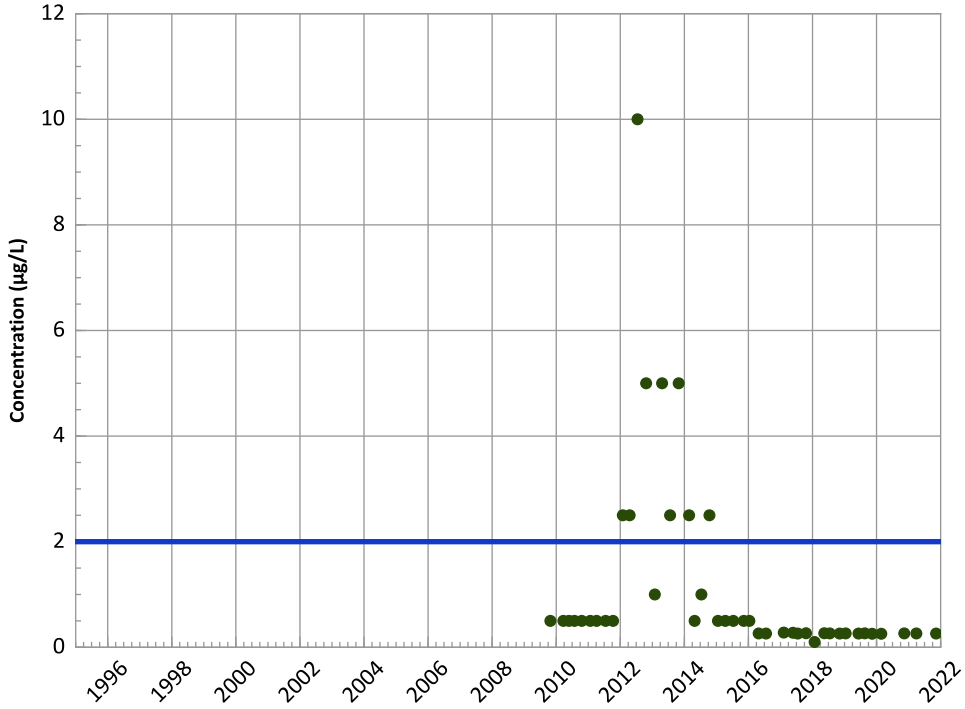
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

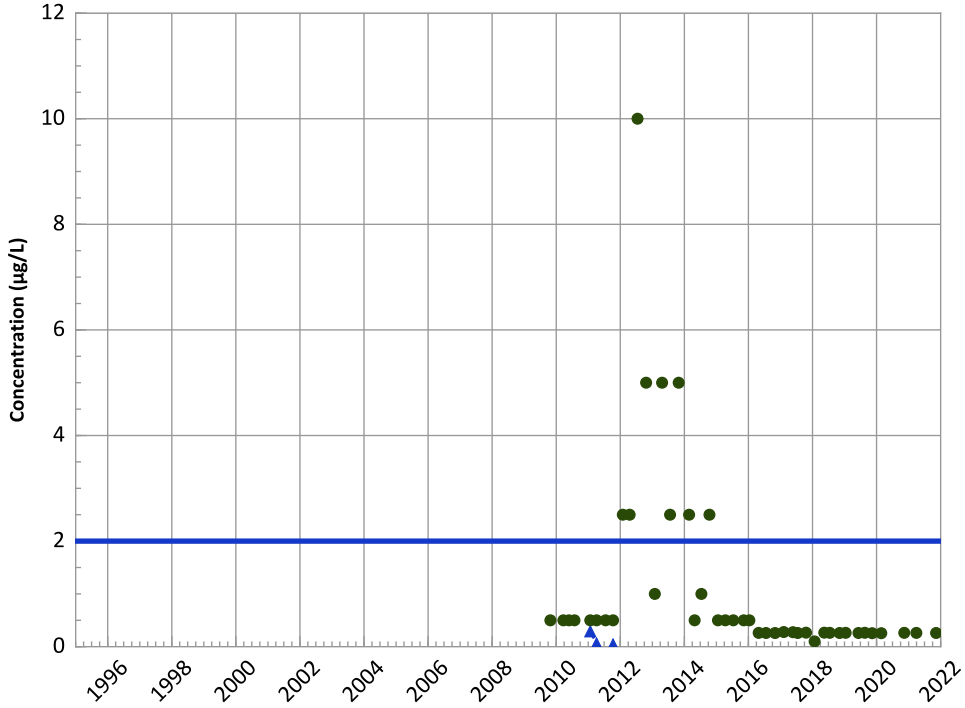


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

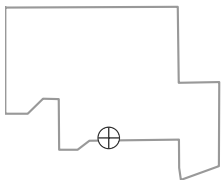
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

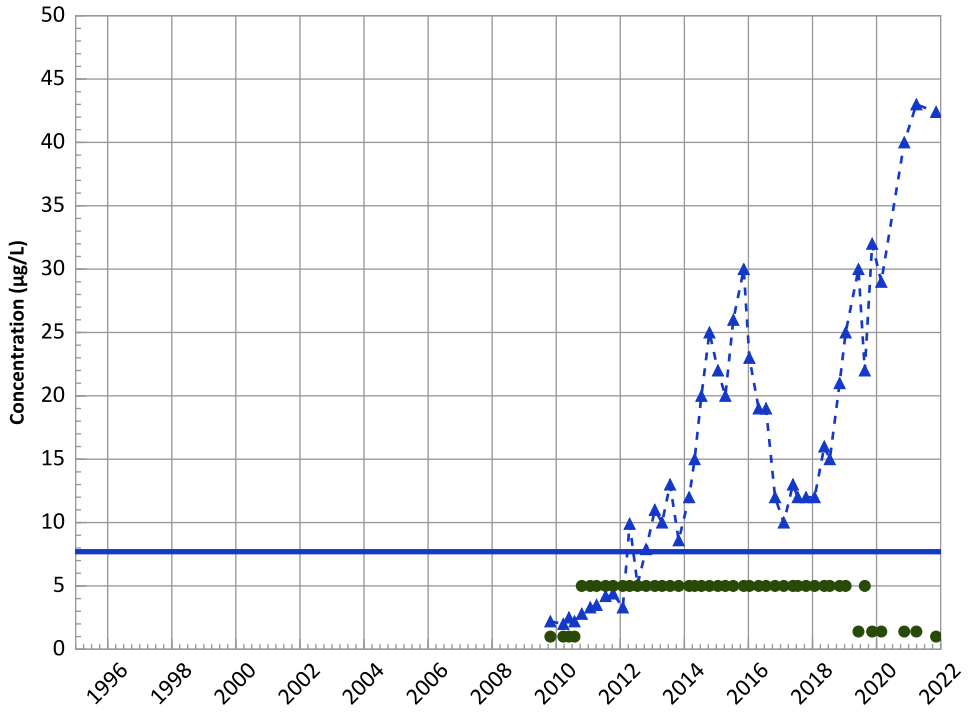
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

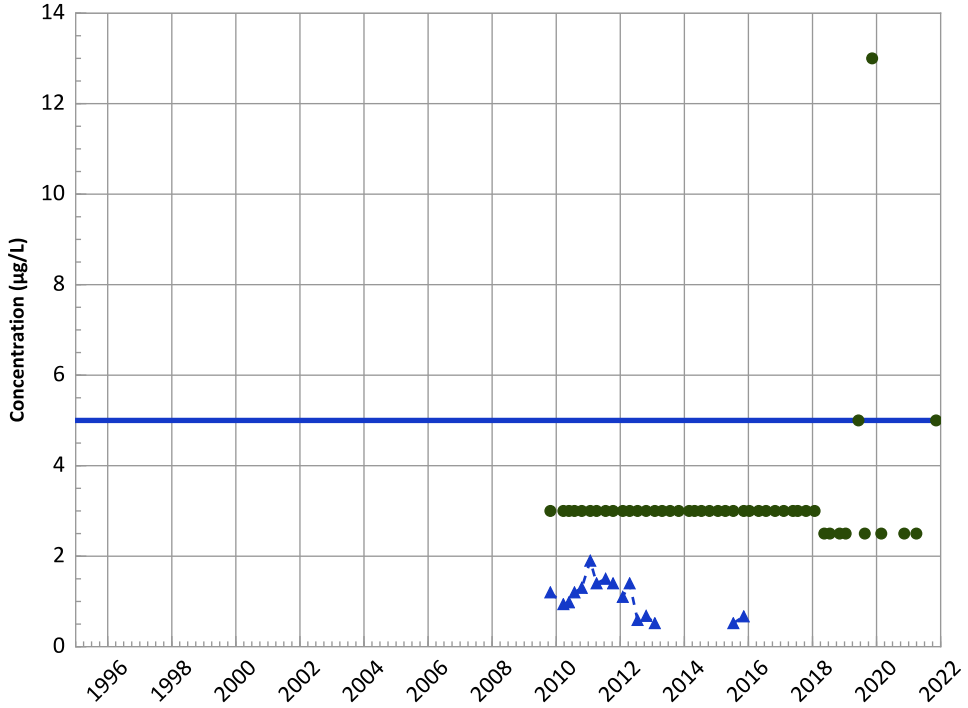


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

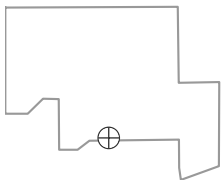
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

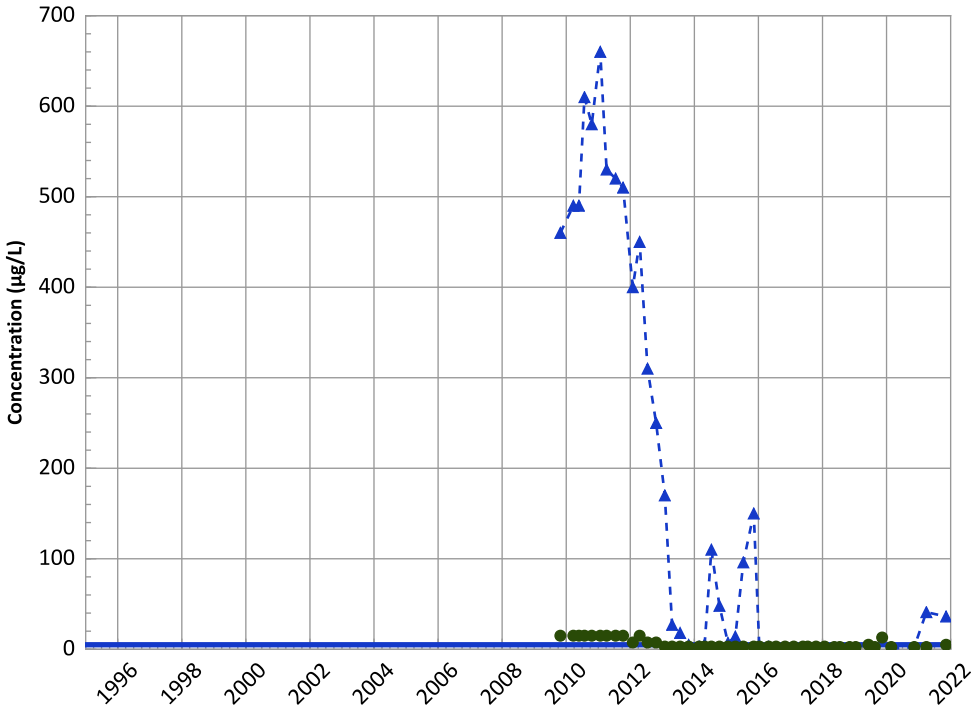
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

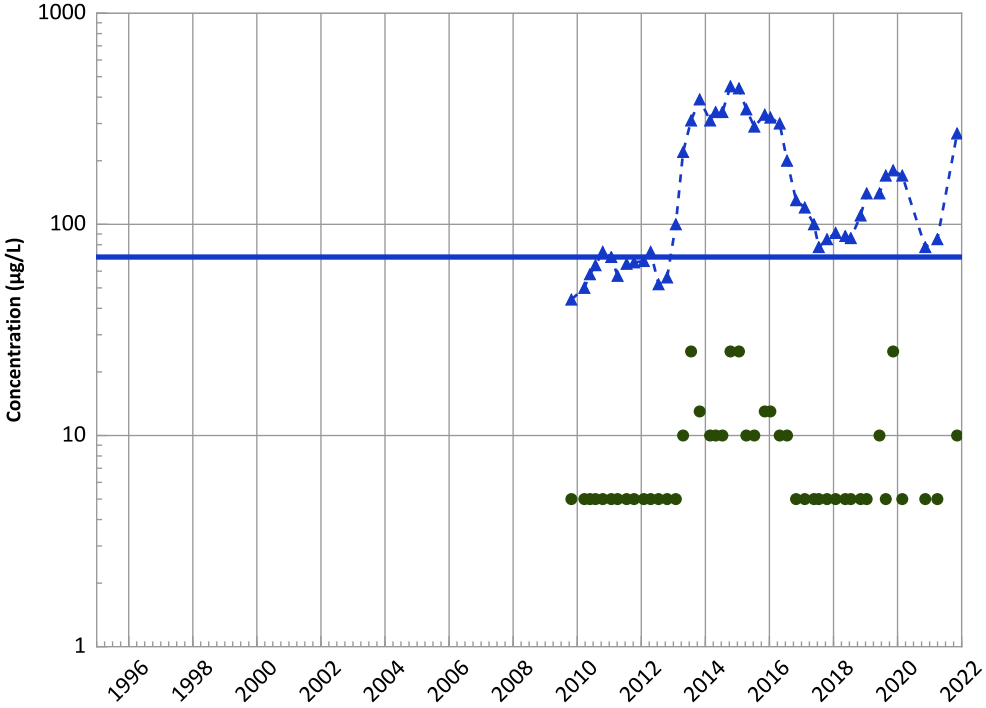


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

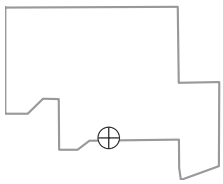
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

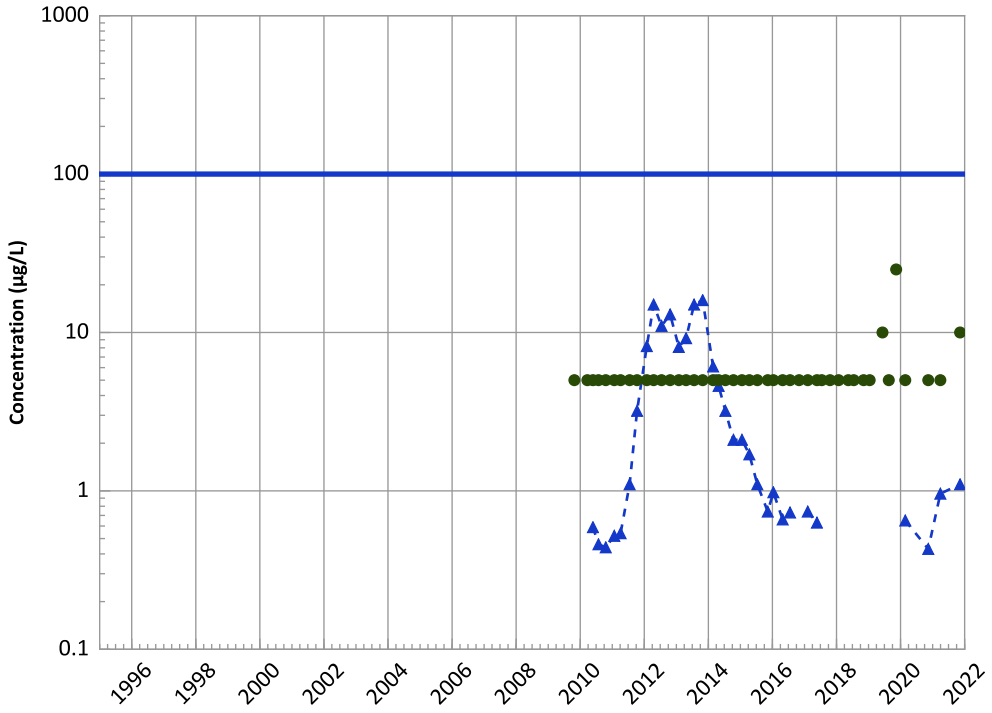
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

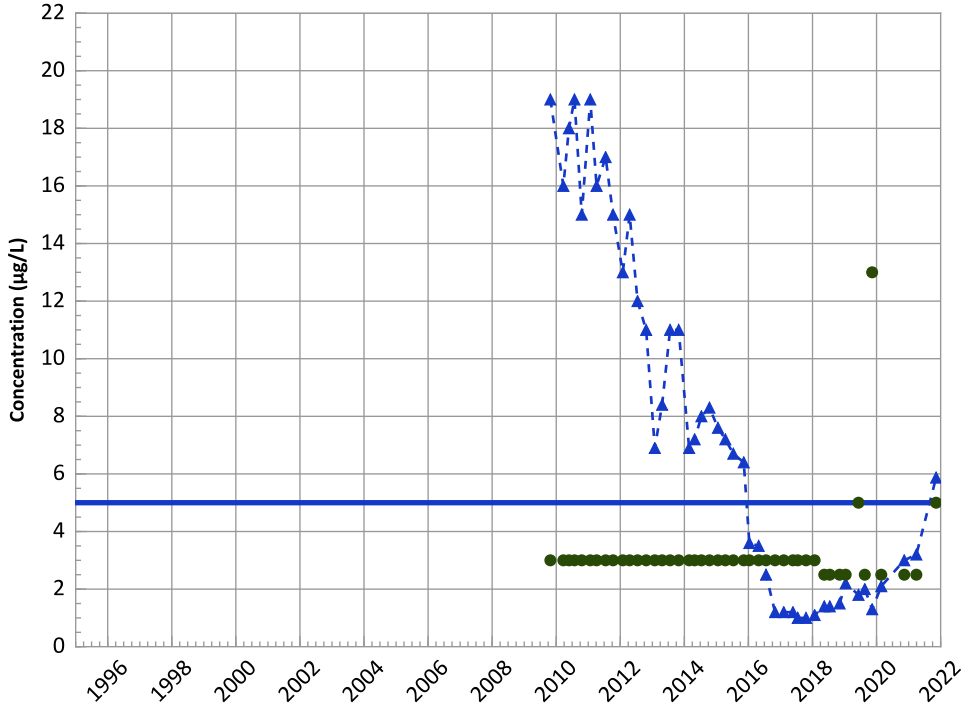


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

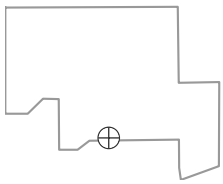
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

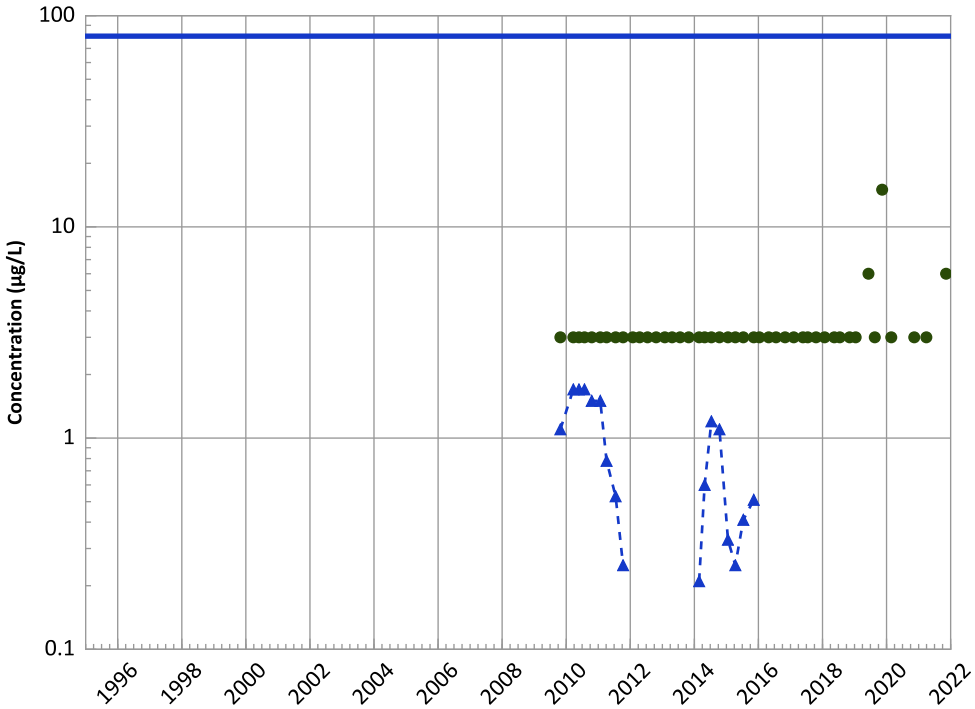
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

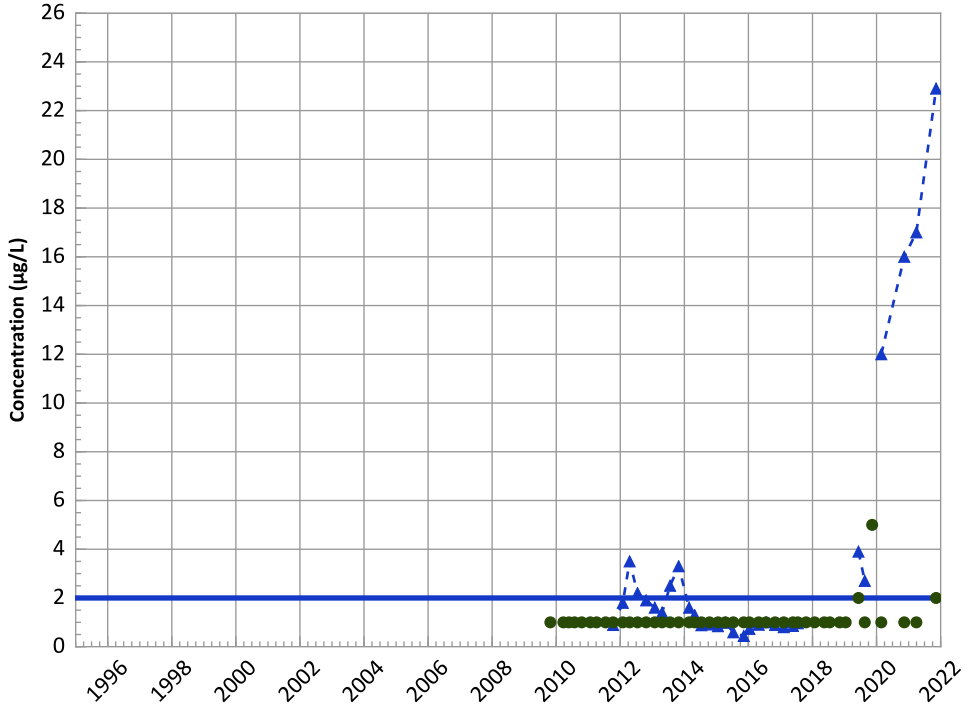


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

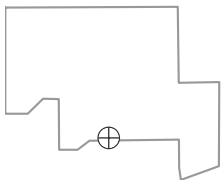
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

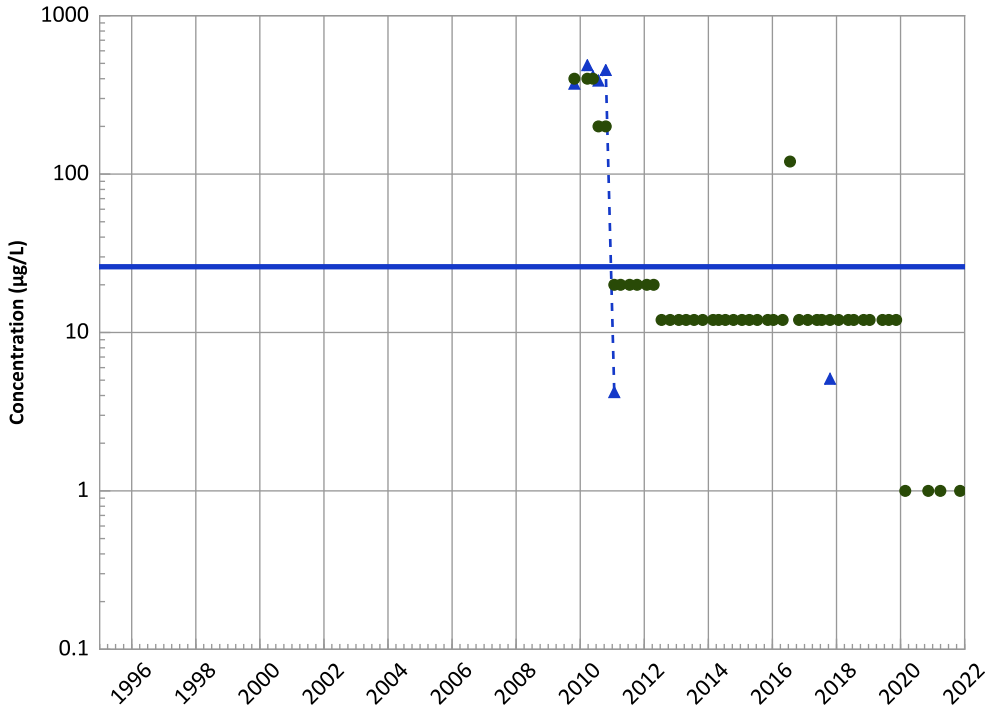
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

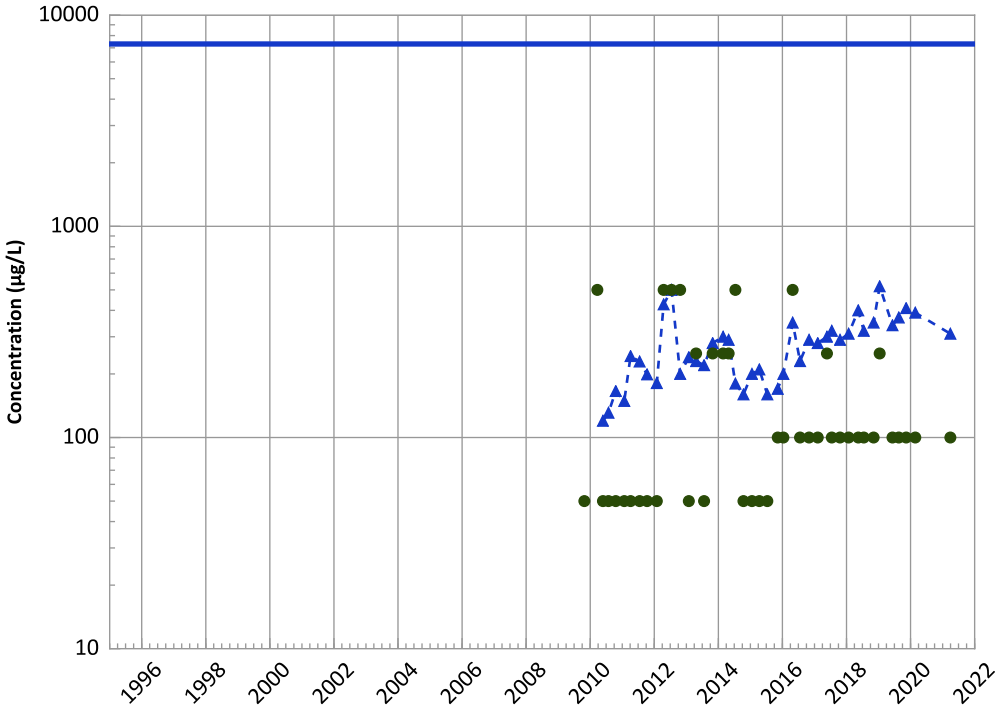


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Boron Trend



Concentration Trend

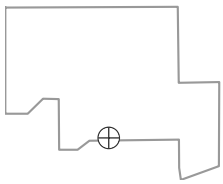
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

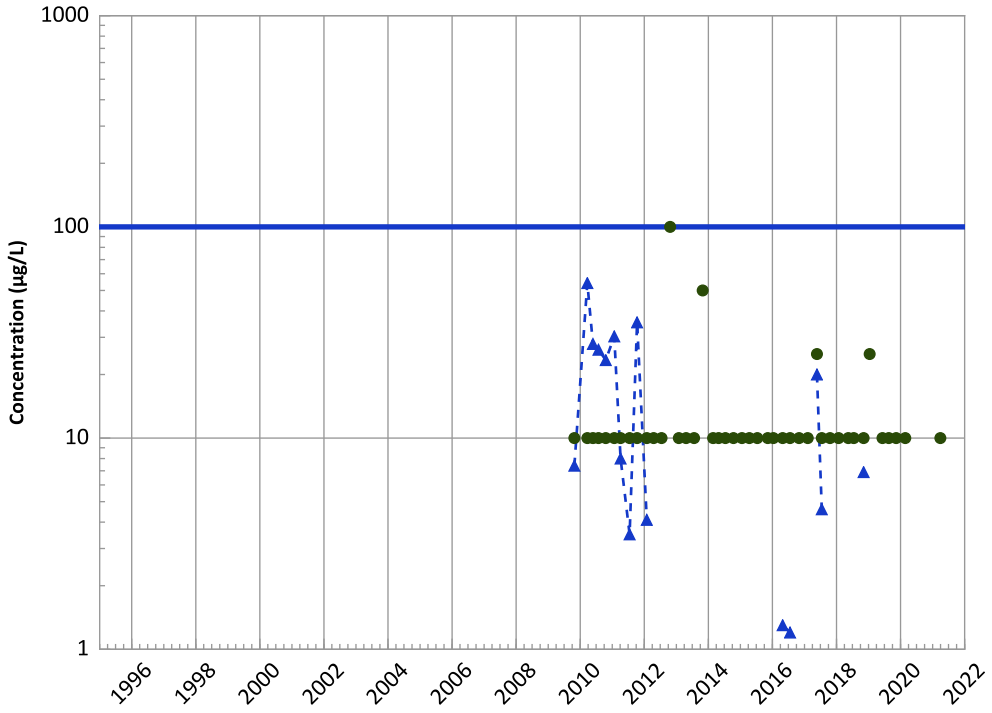
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

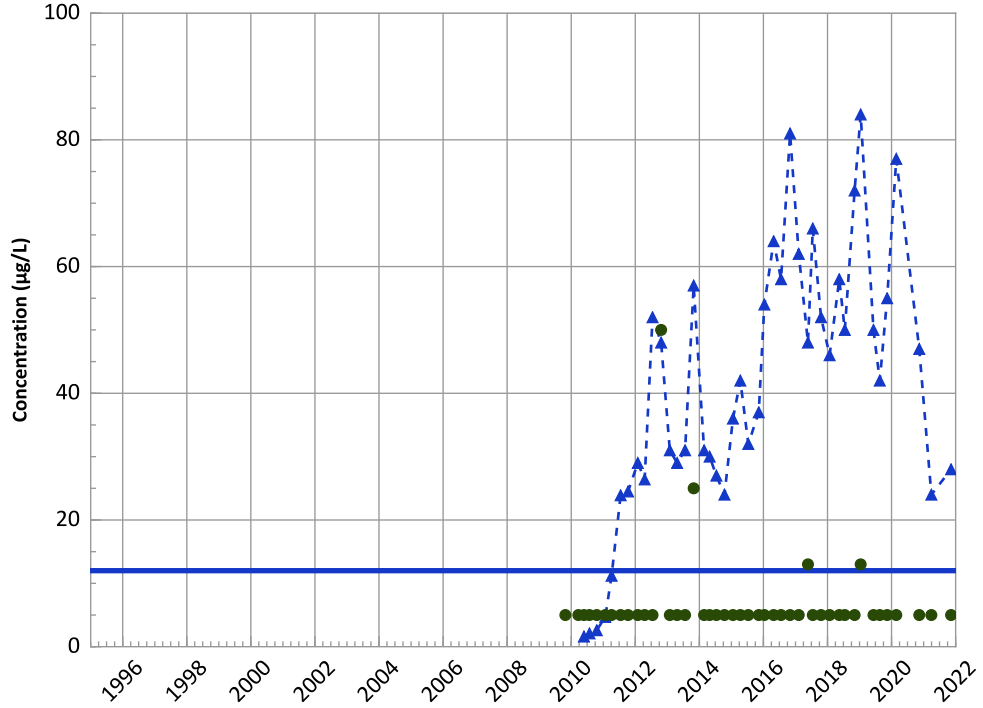


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Arsenic Trend



Concentration Trend

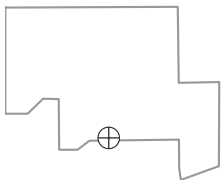
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

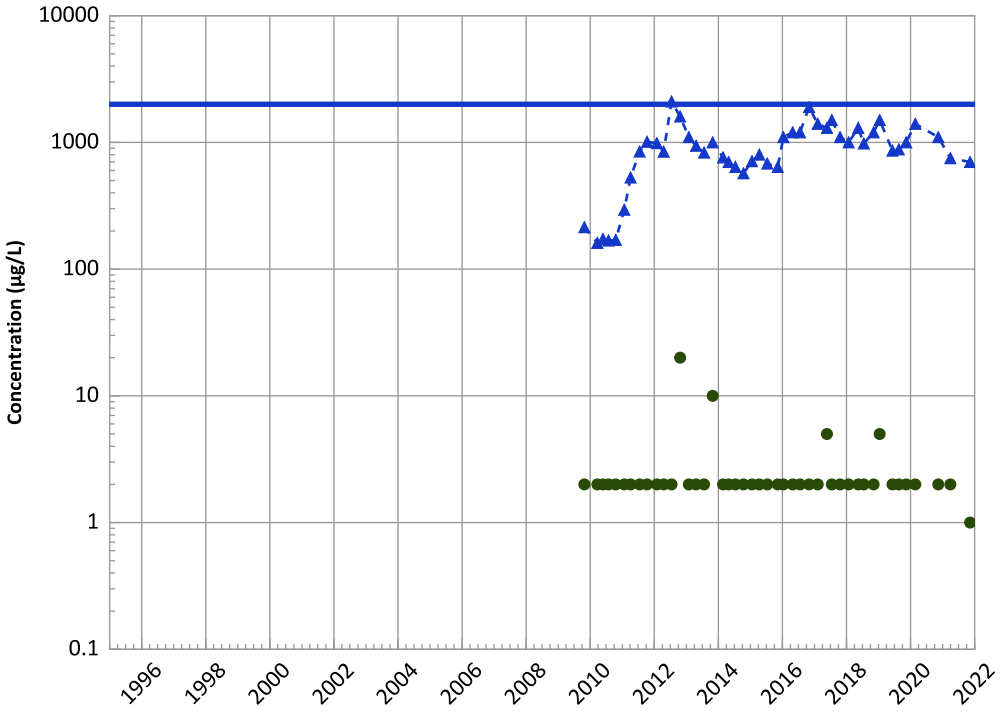
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

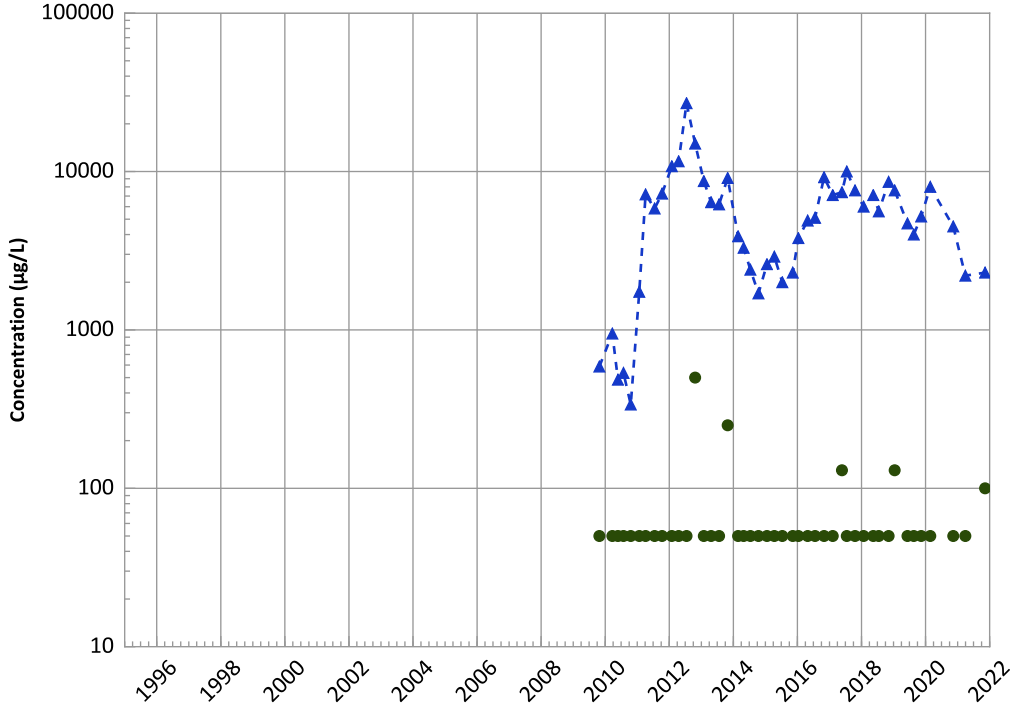


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Iron Trend



Concentration Trend

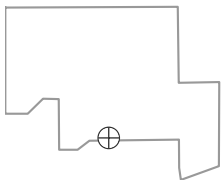
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

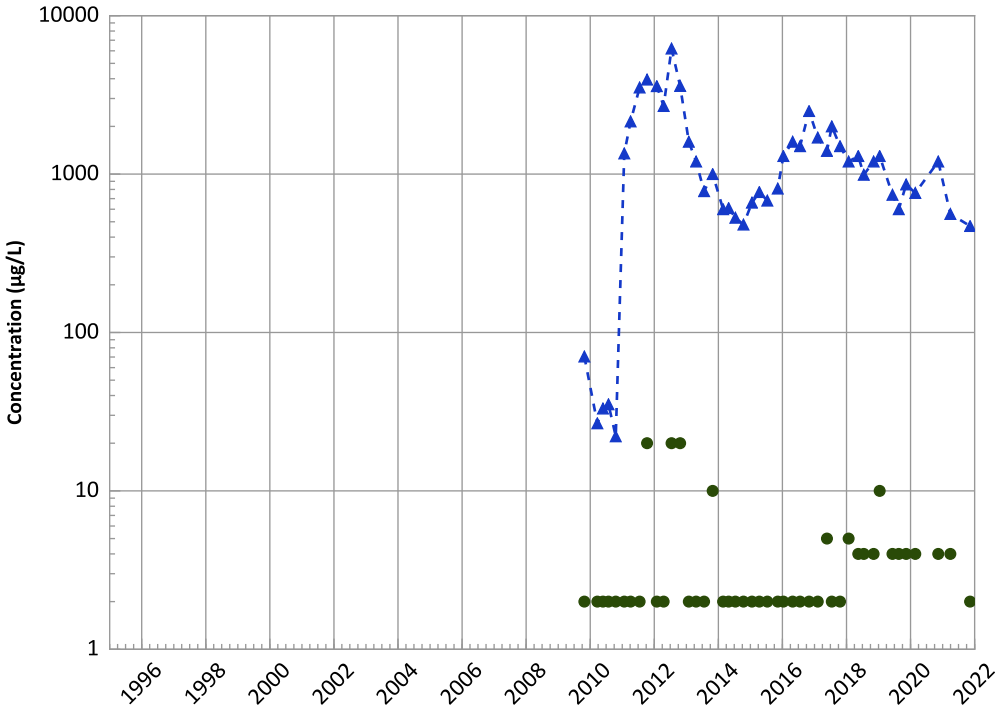
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

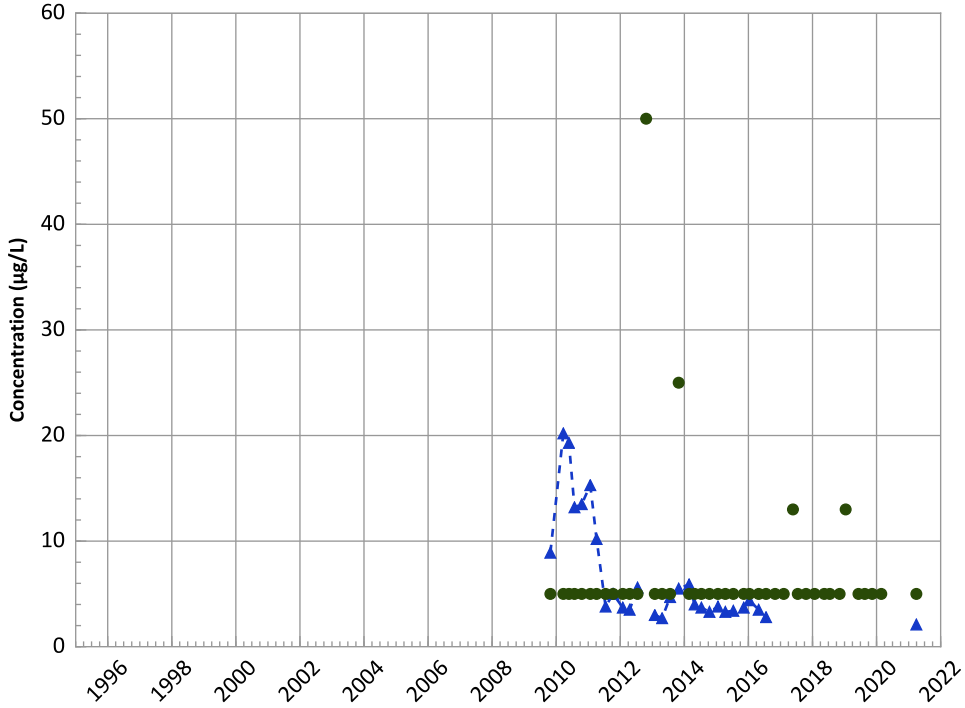


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

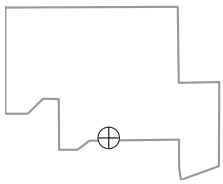
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

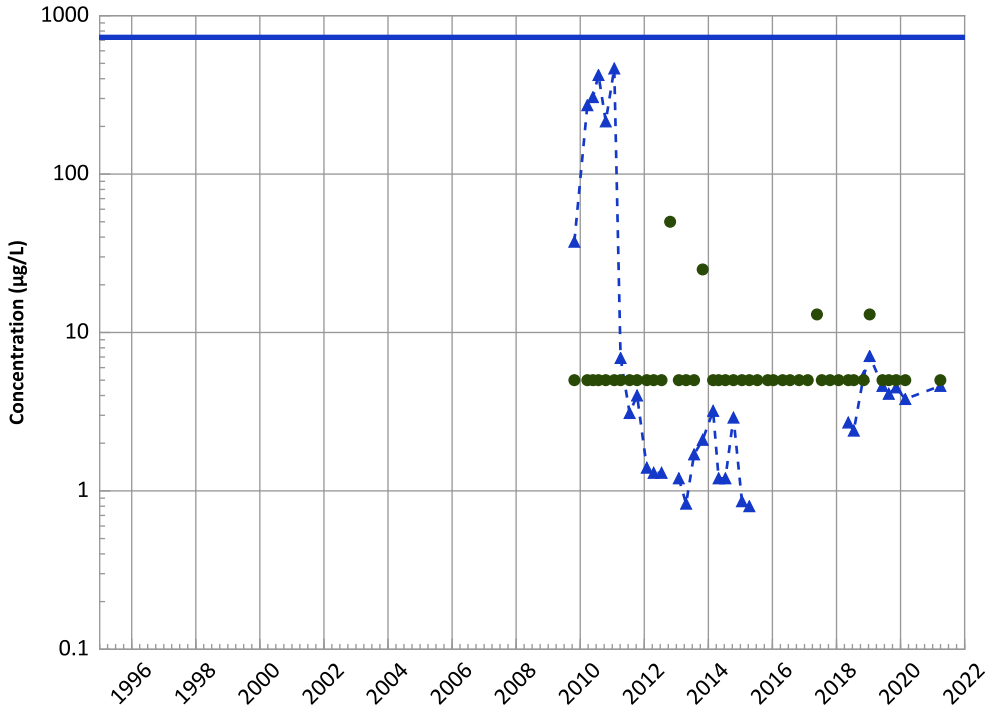
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

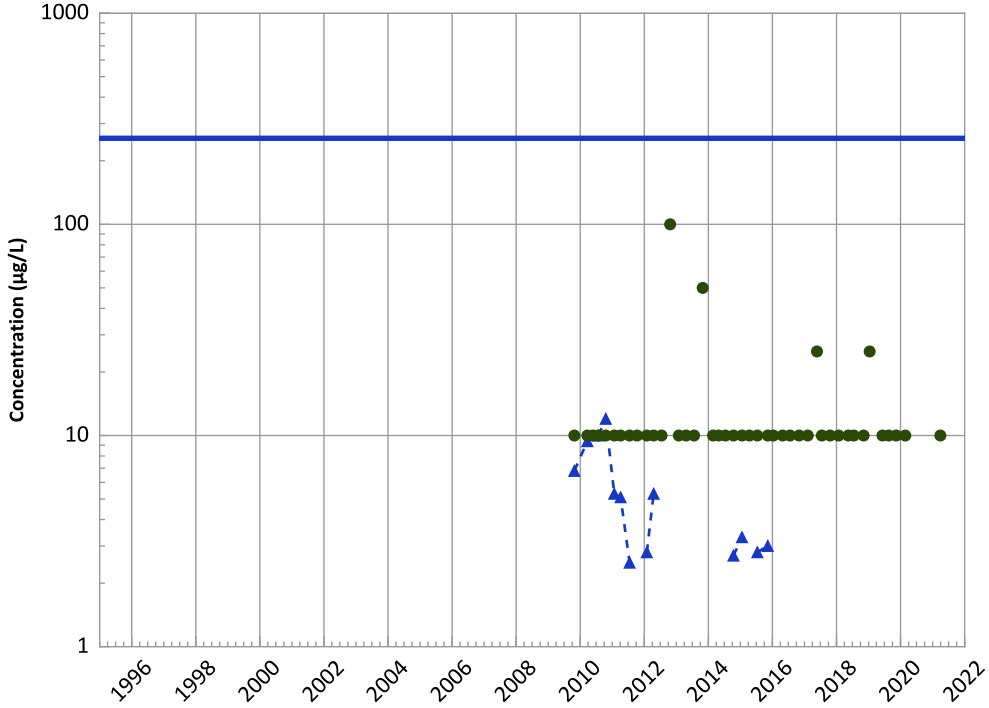


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

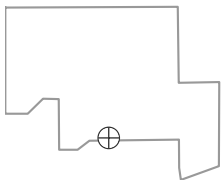
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

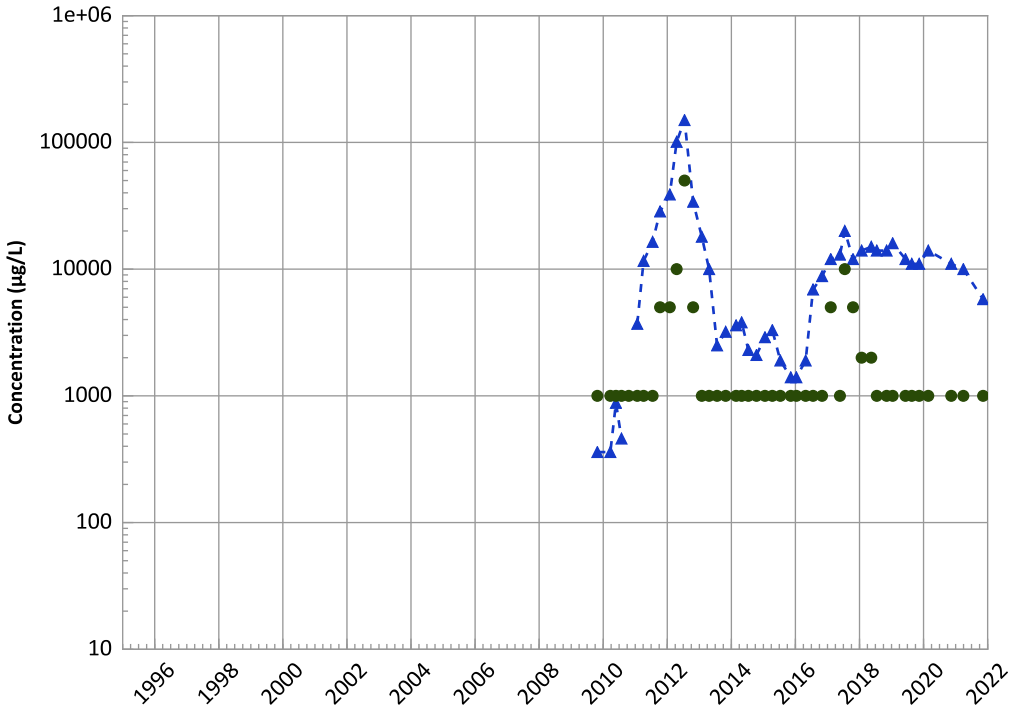
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1155 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

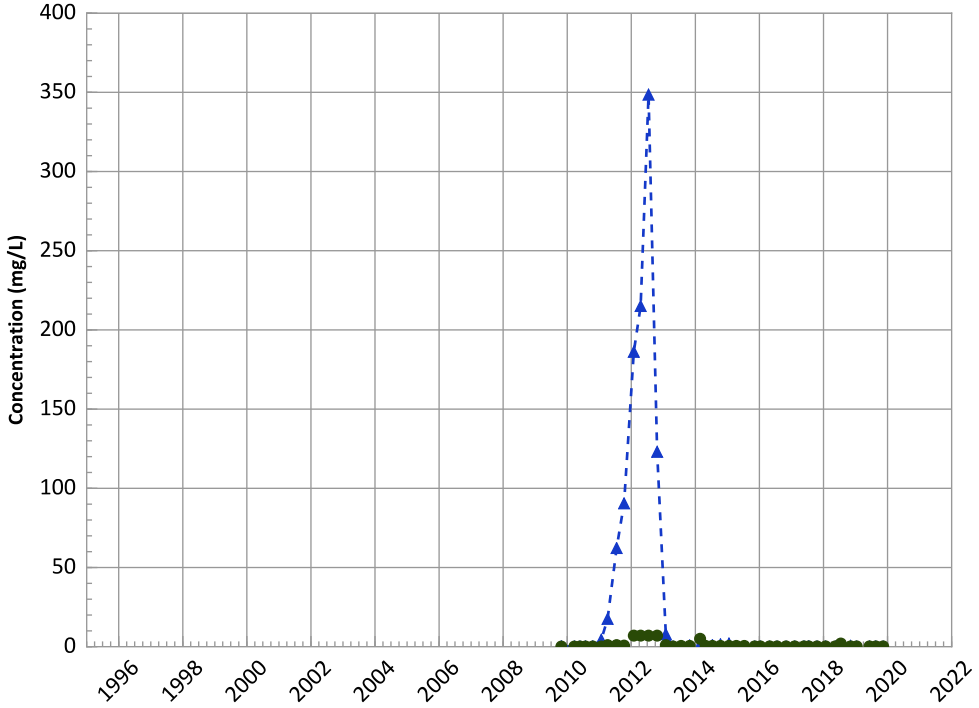


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Total Volatile Fatty Acids Trend



Concentration Trend

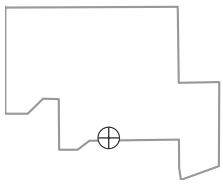
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

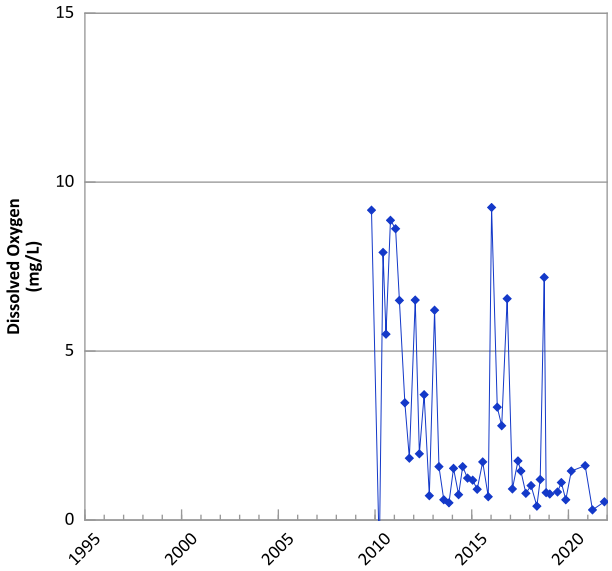
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

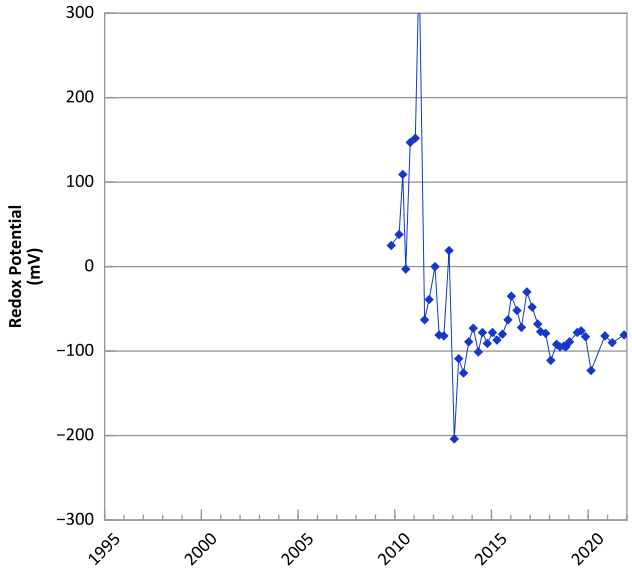
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

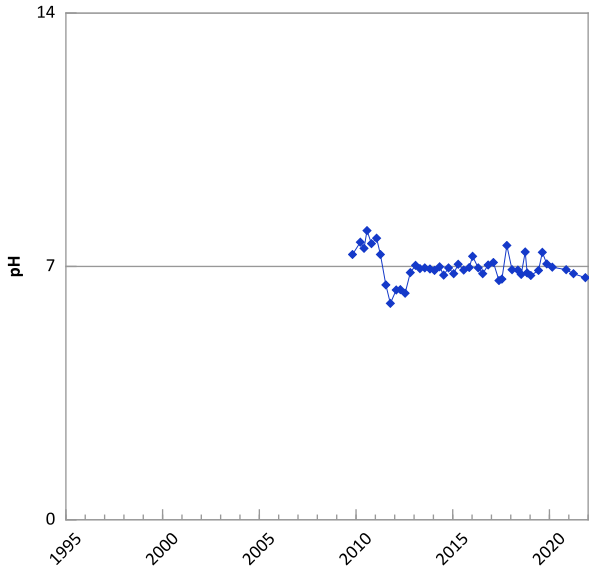
Well Location

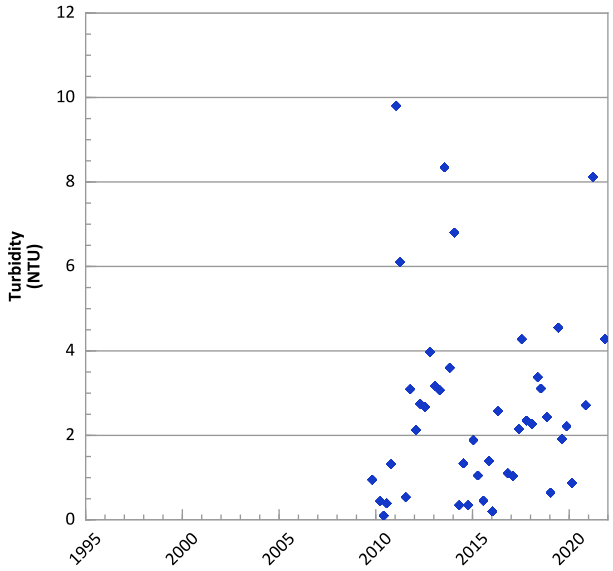


PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



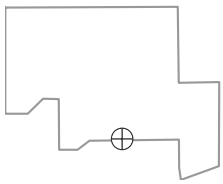






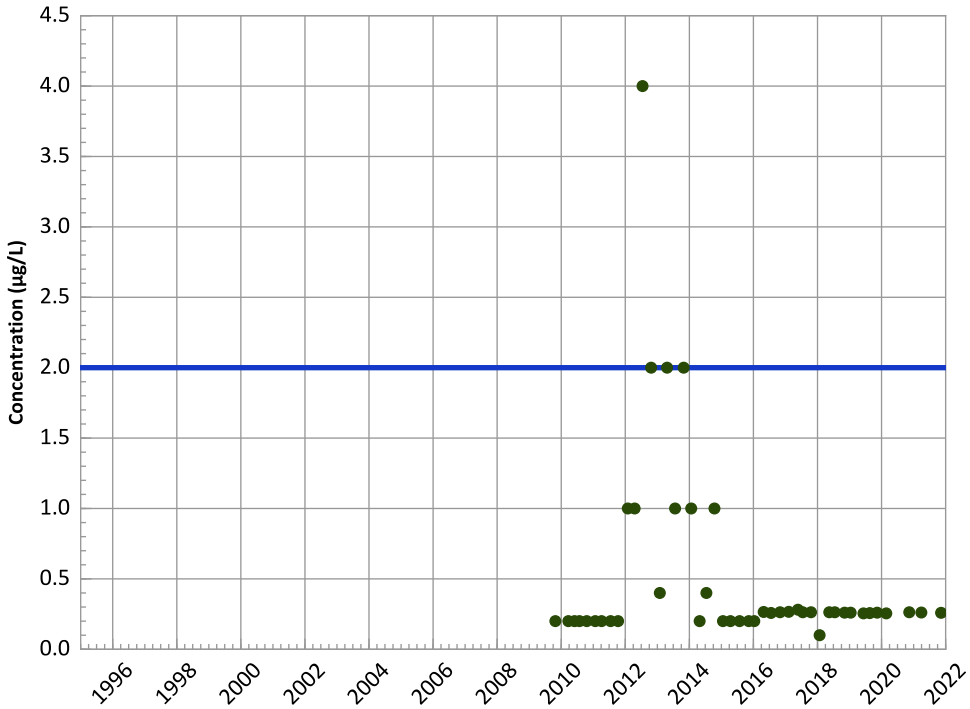
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

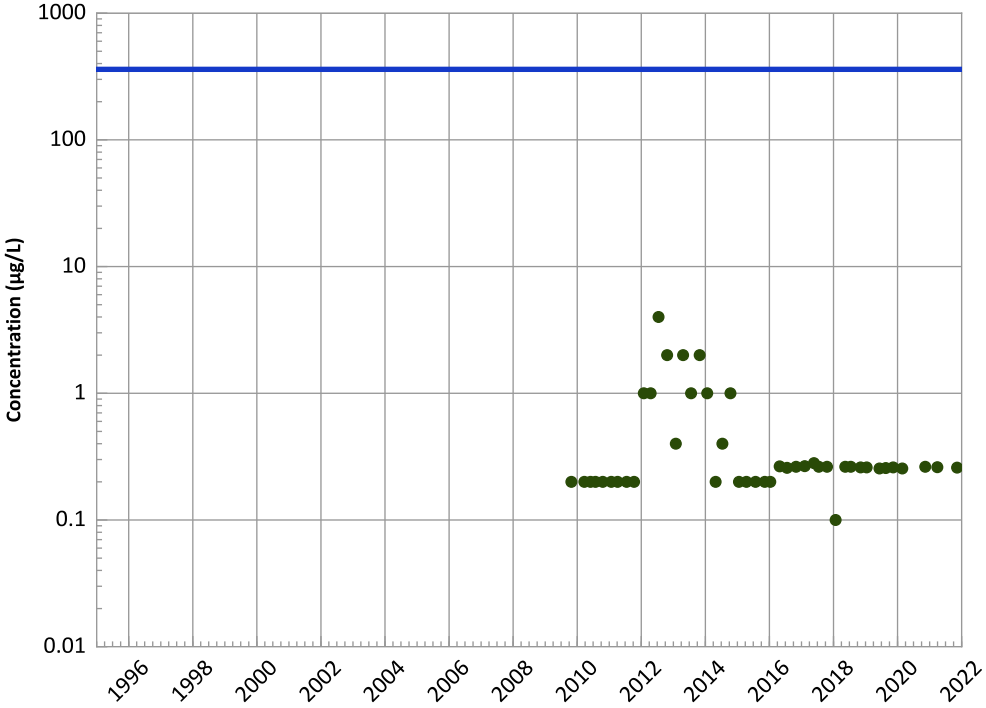


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

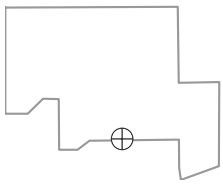
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

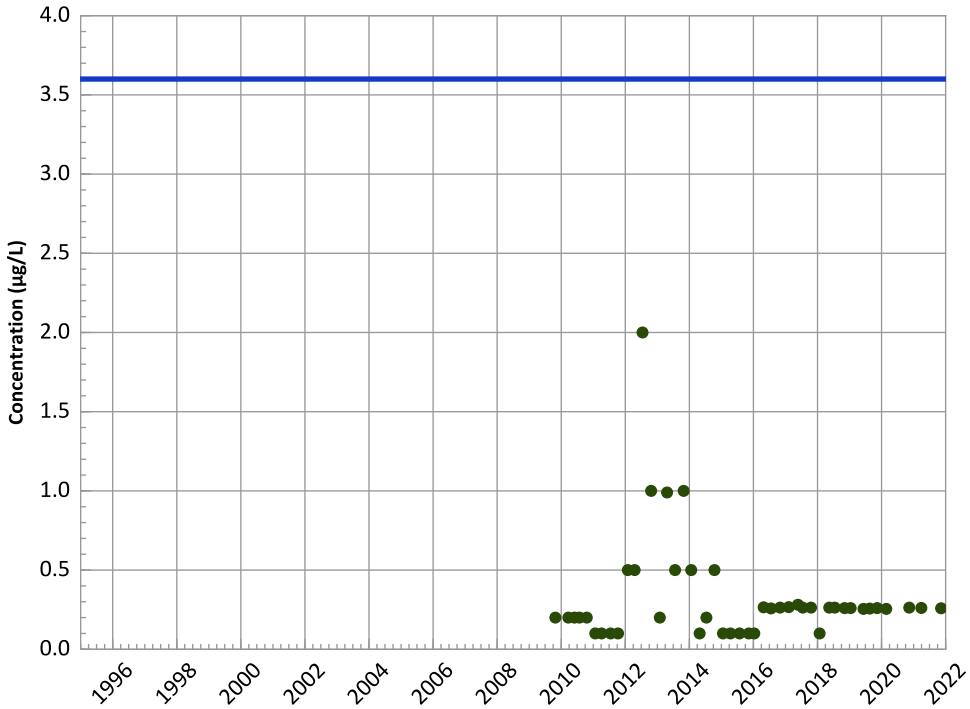
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

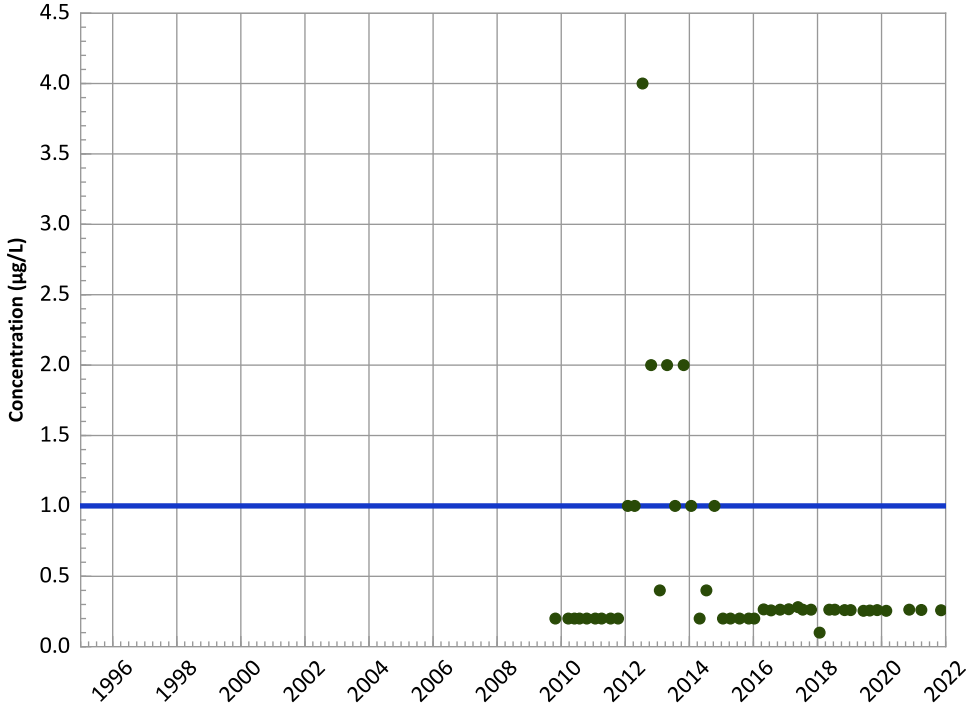


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

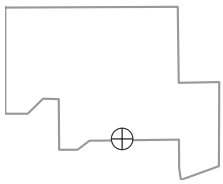
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

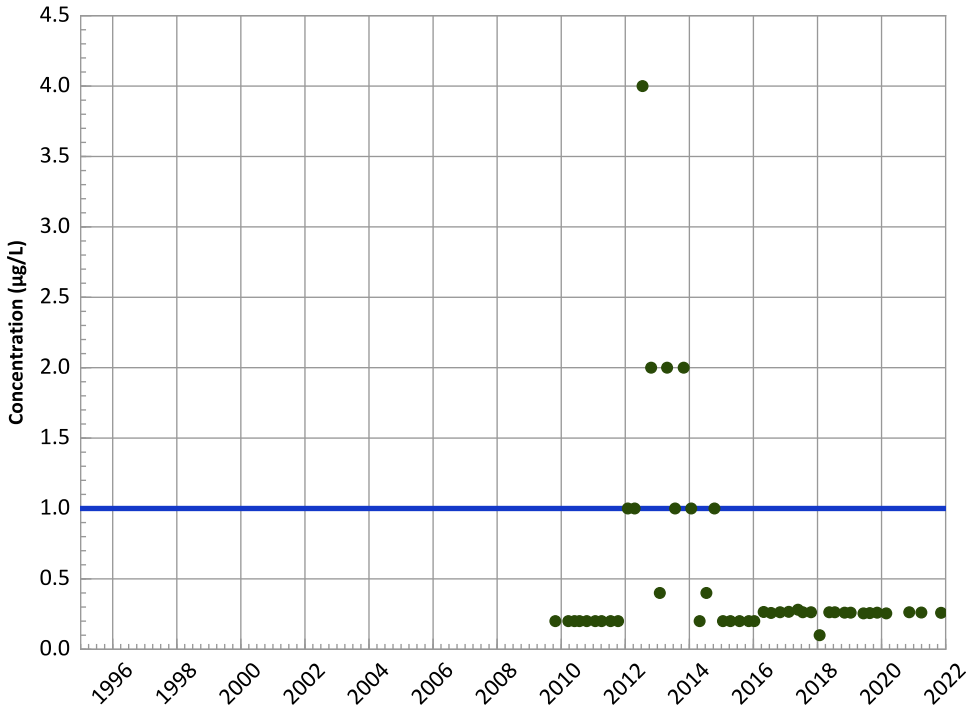
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

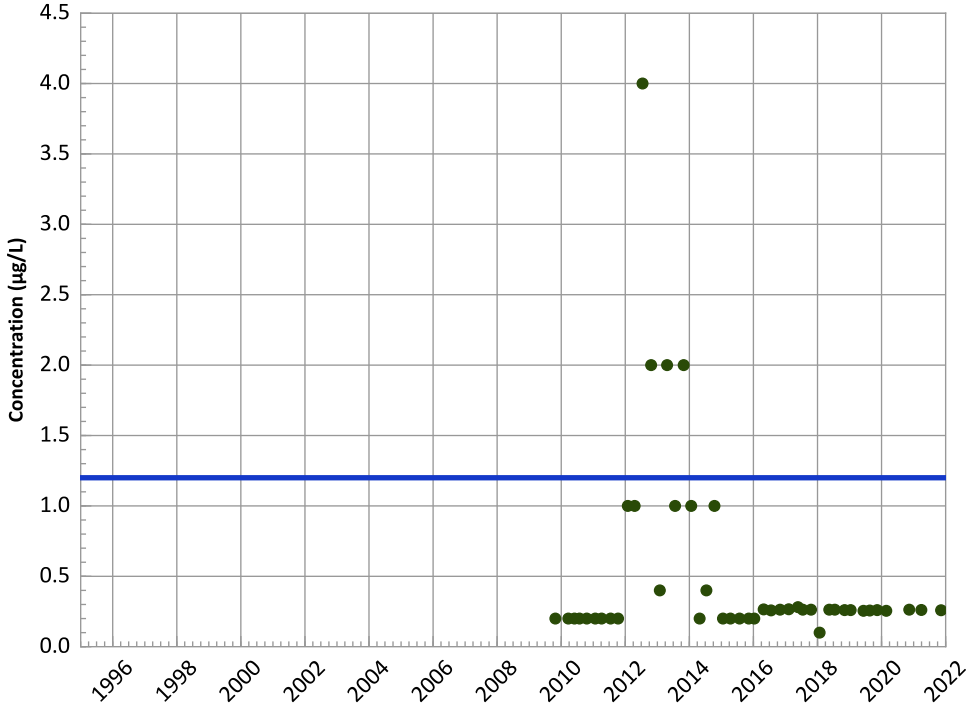


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

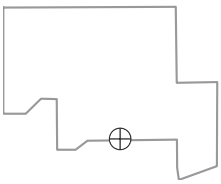
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

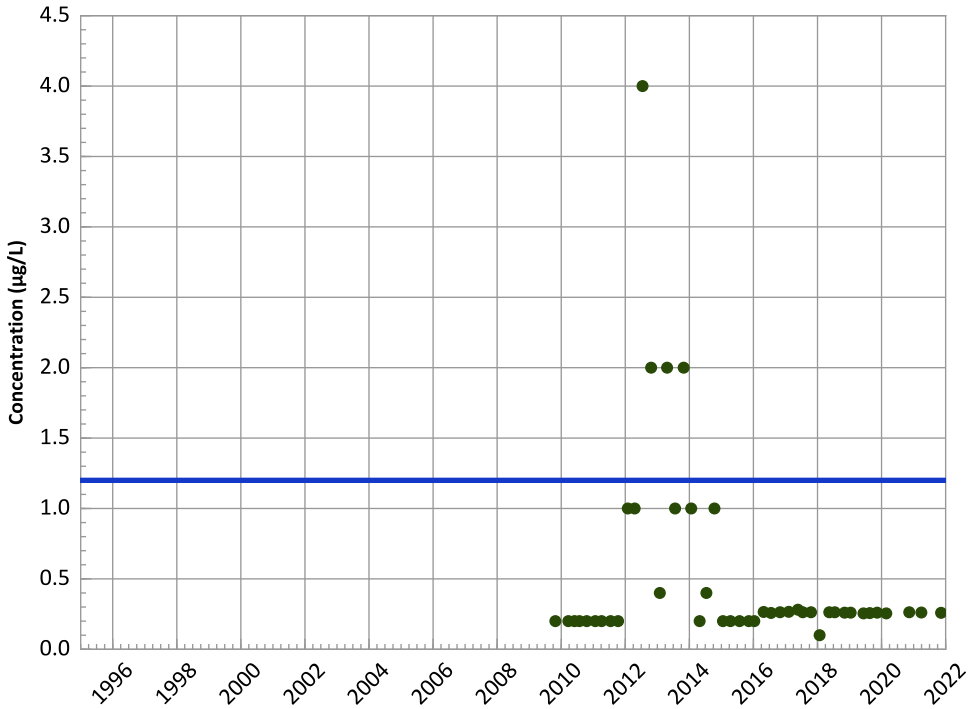
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

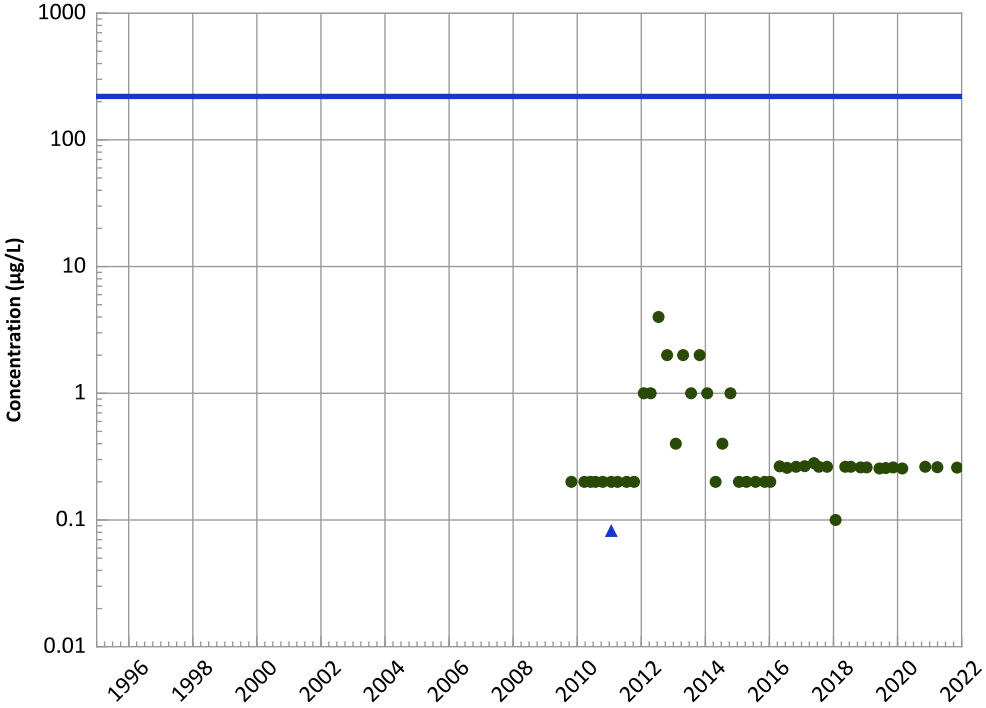


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

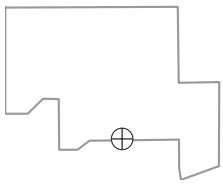
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

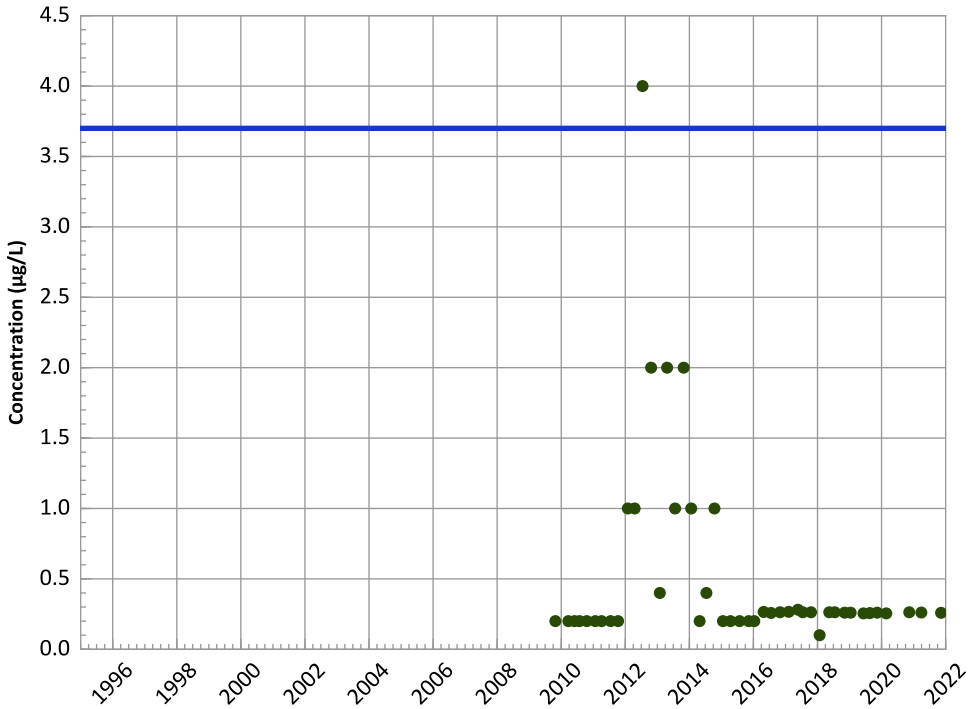
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

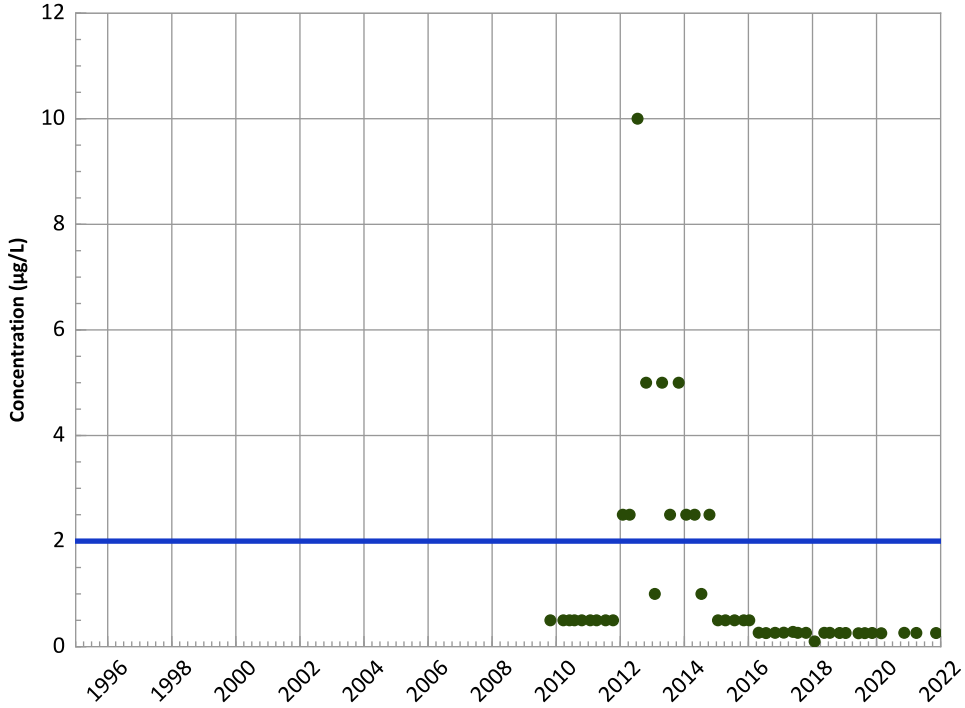


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

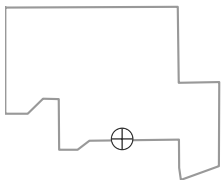
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

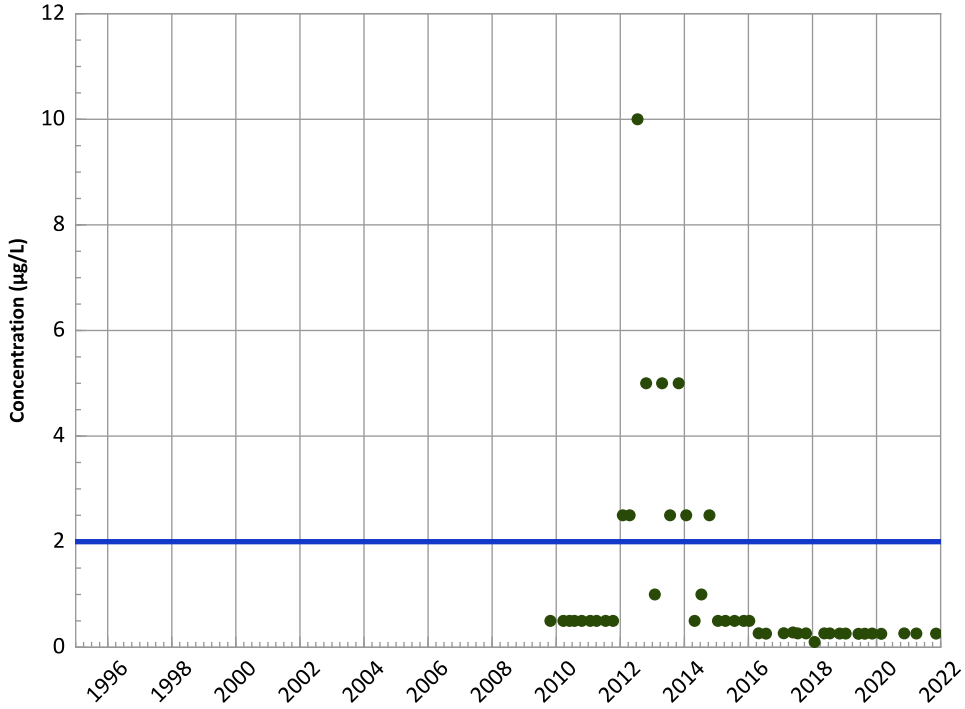
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

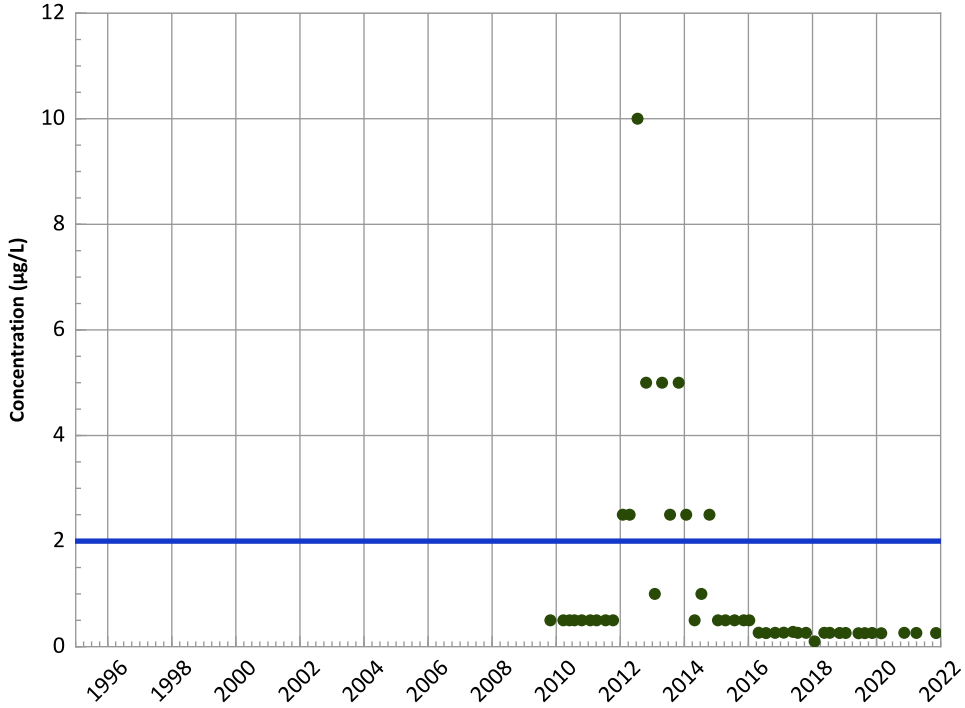


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

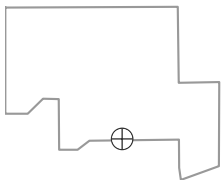
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

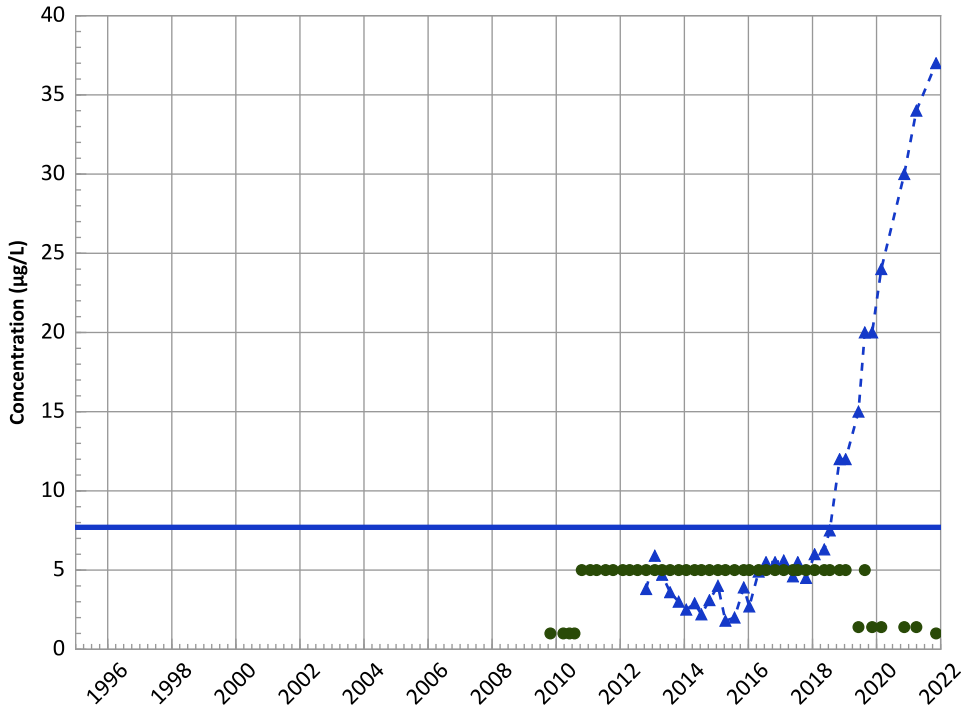
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

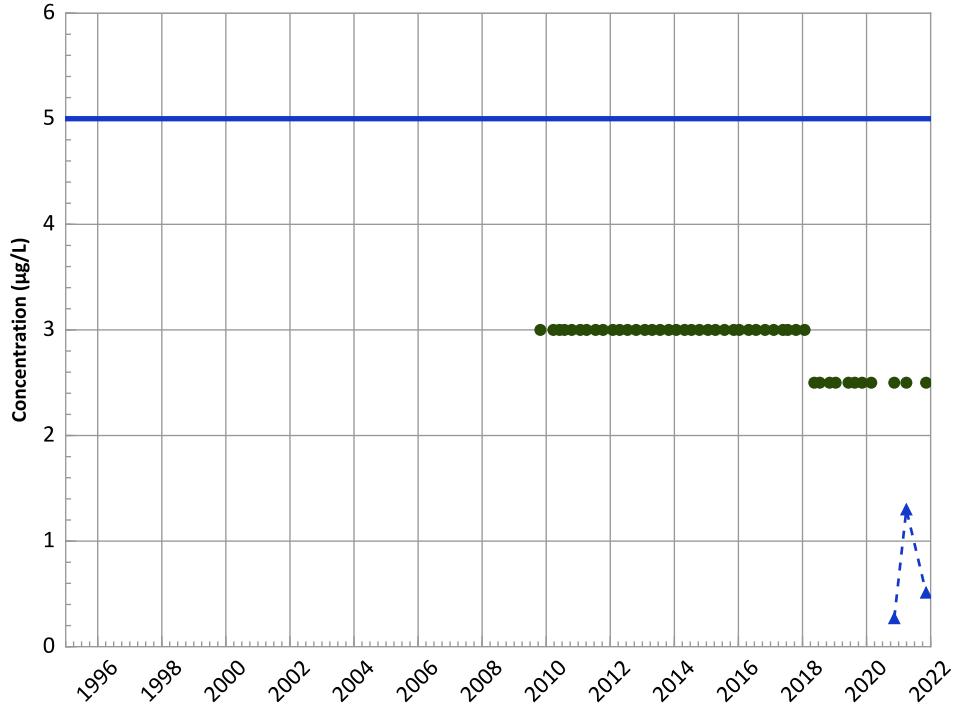


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

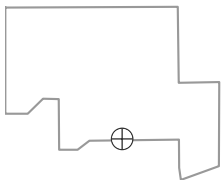
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

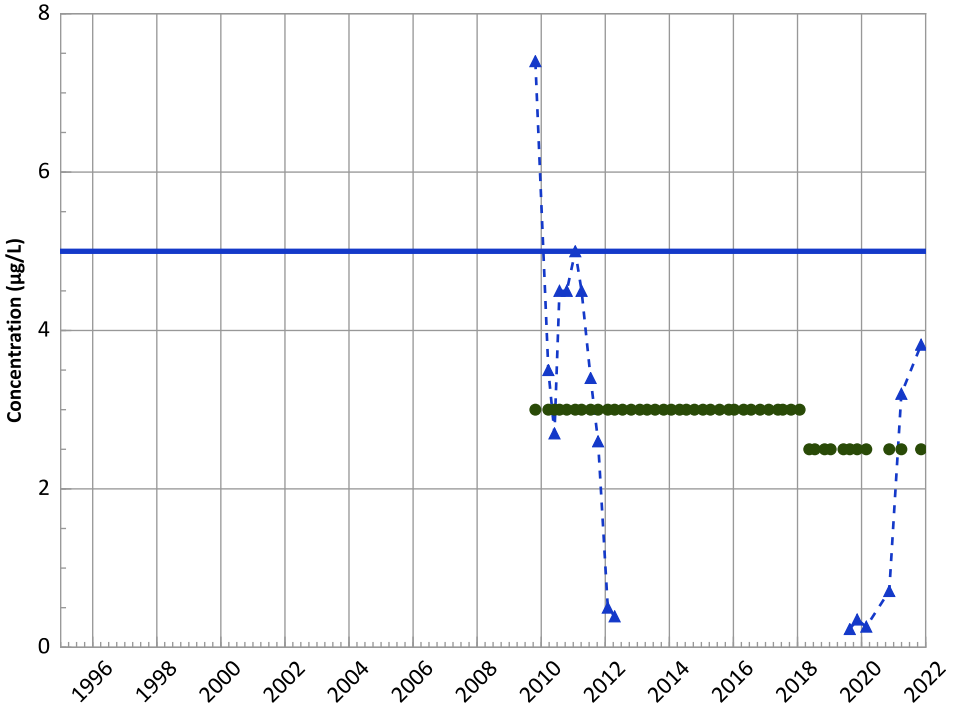
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

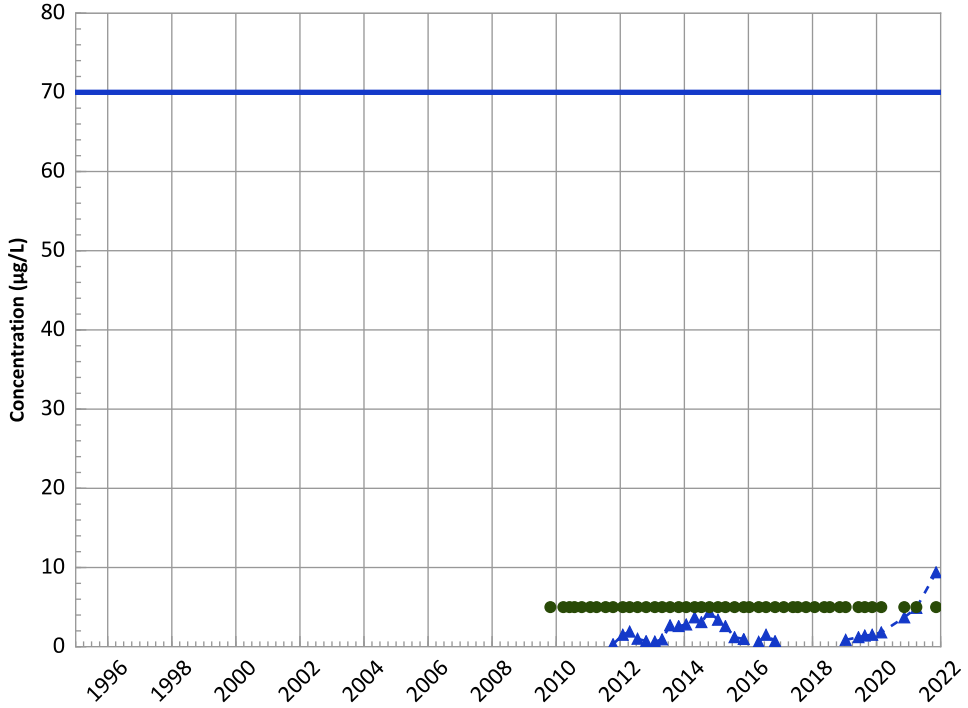


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

cis-1,2-Dichloroethene Trend



Concentration Trend

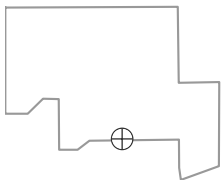
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

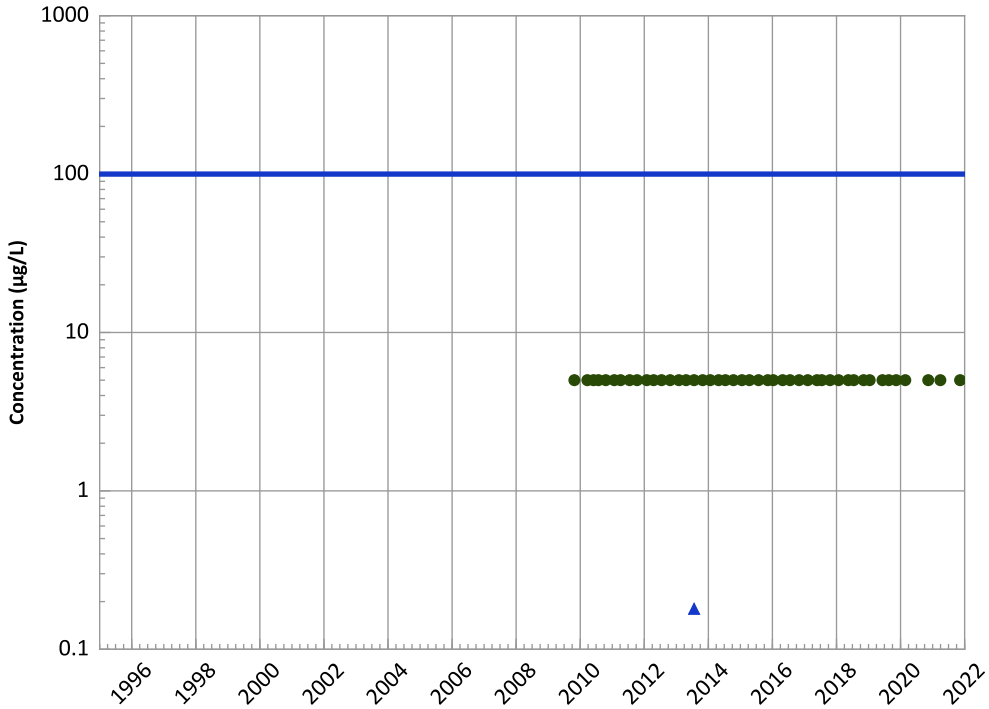
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

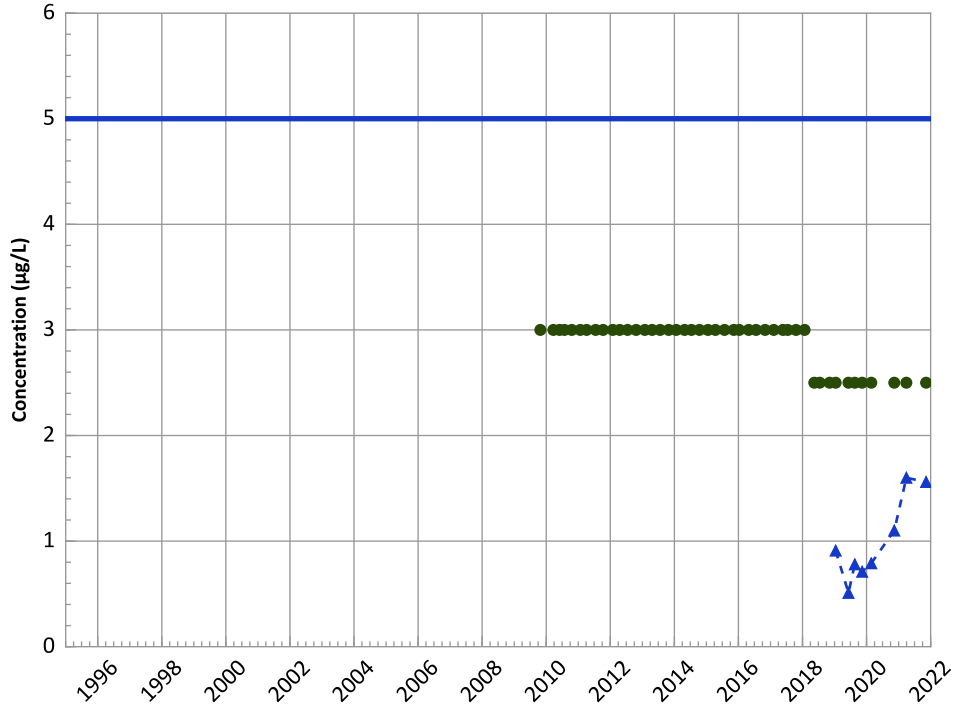


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

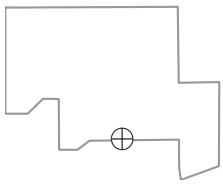
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

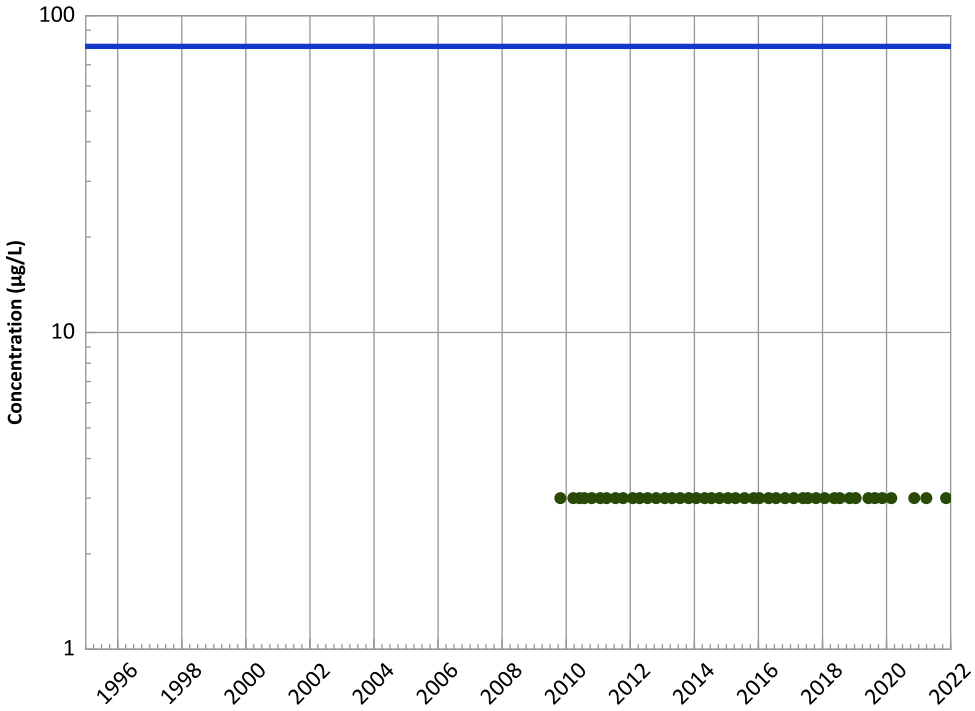
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

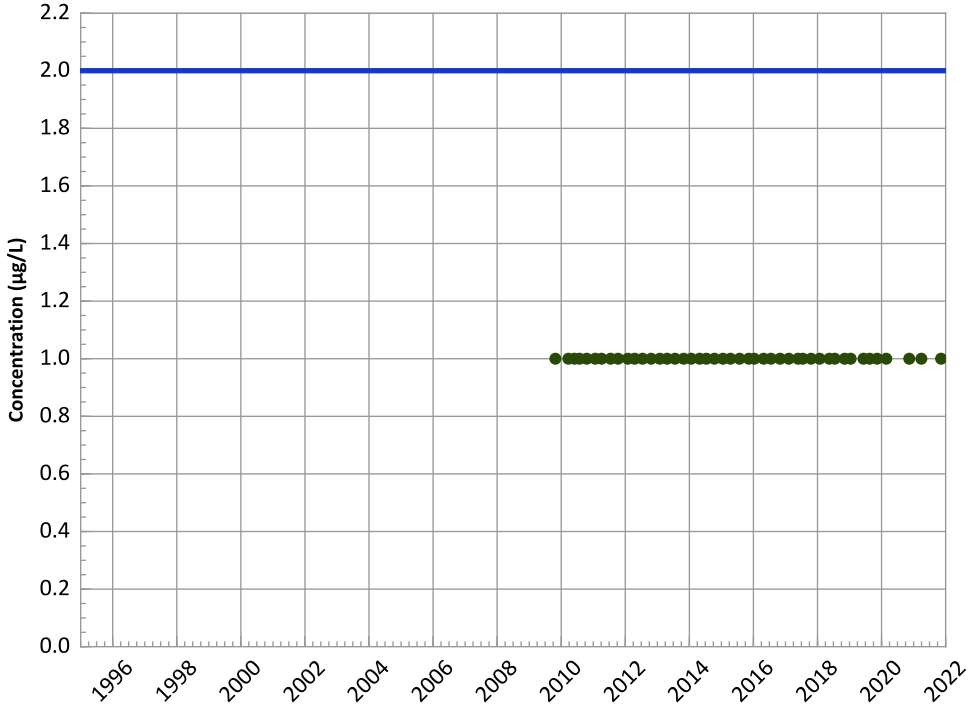


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

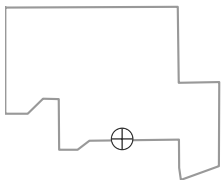
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

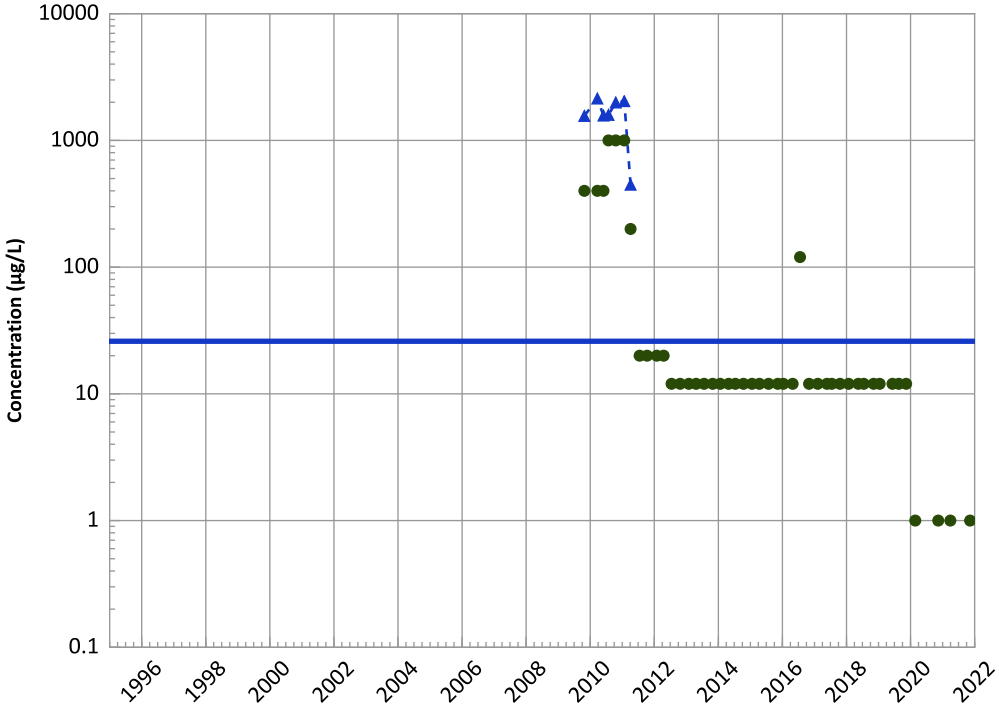
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

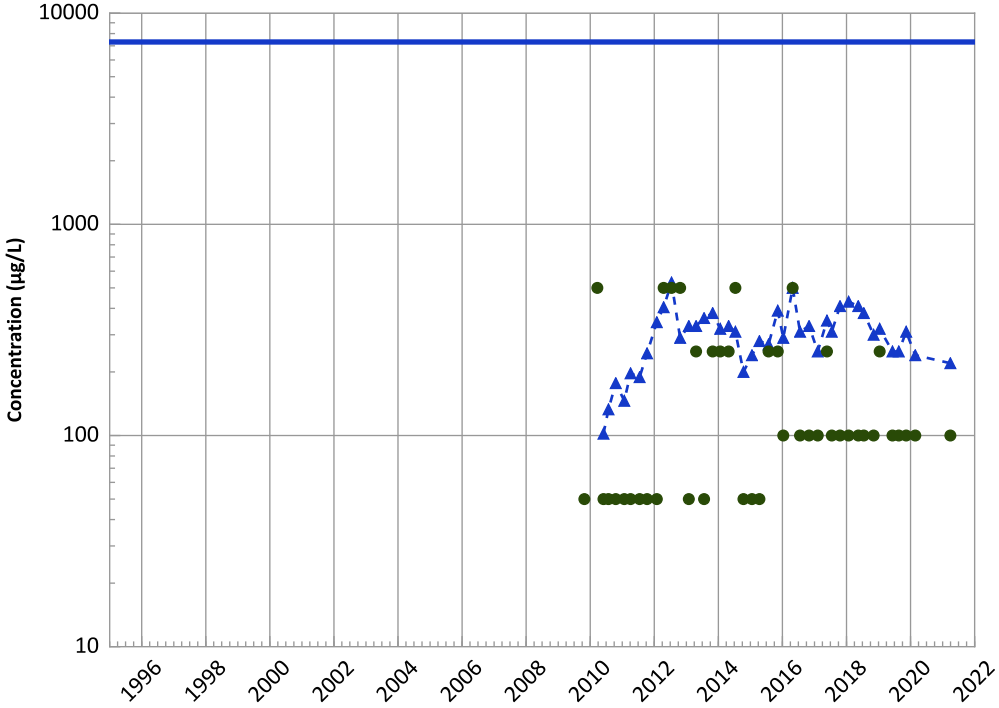


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Boron Trend



Concentration Trend

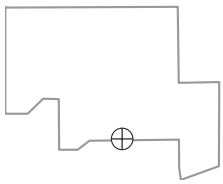
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

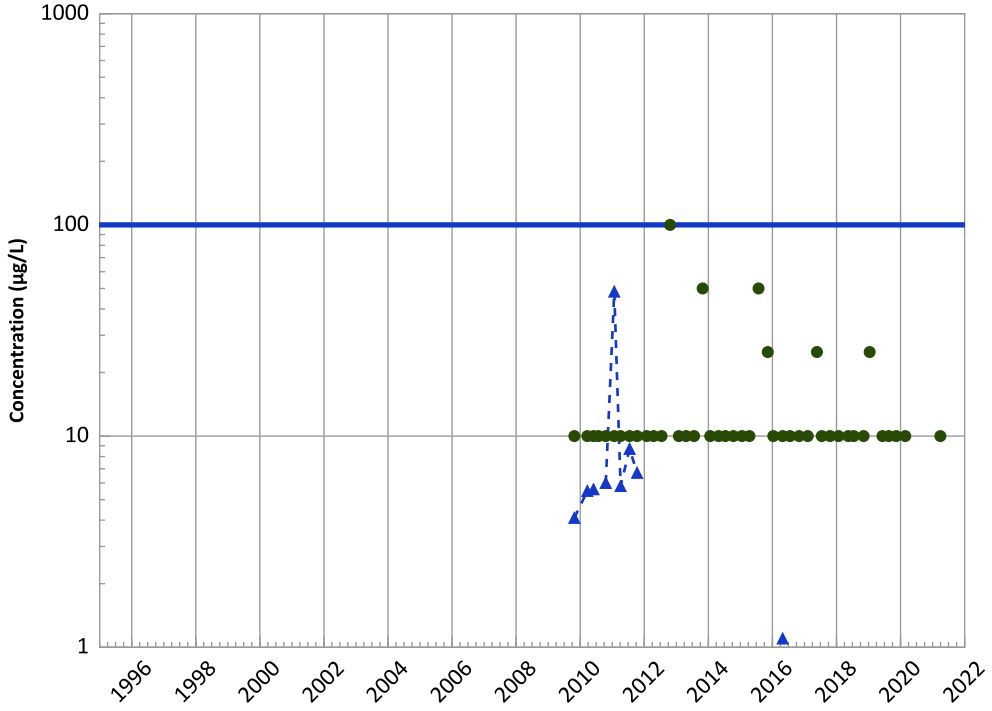
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

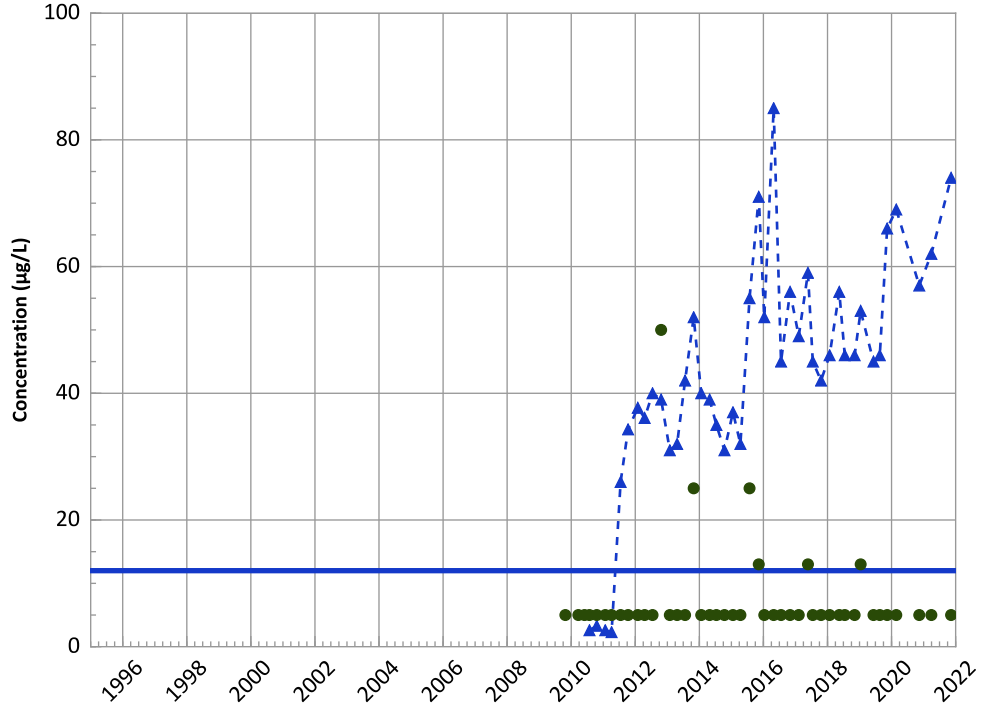


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Arsenic Trend



Concentration Trend

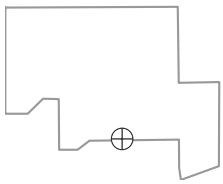
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

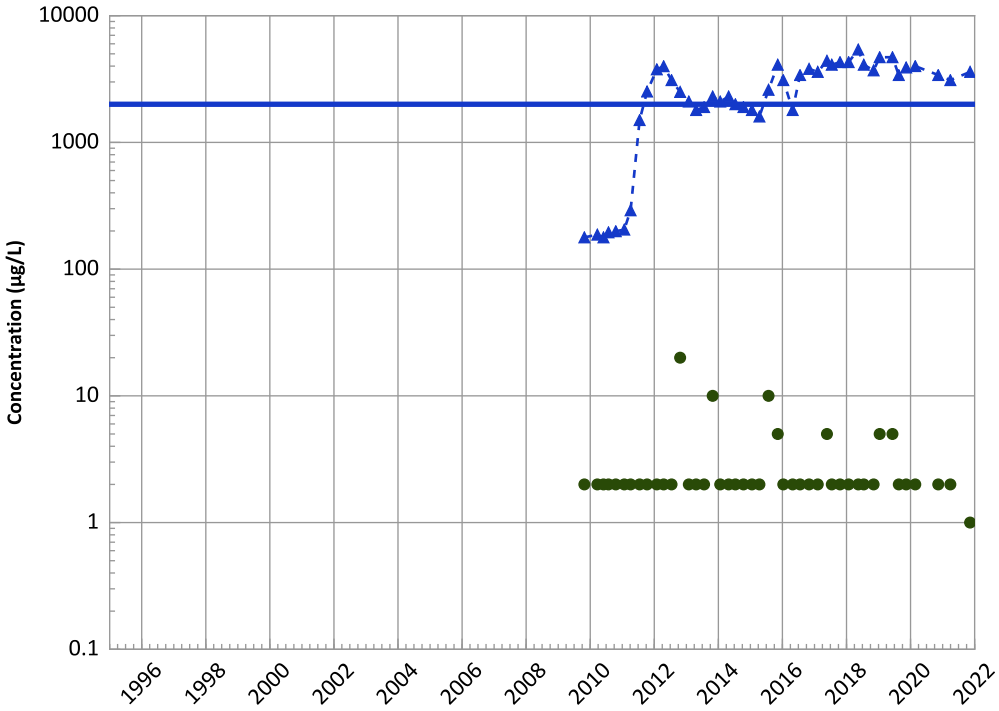
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

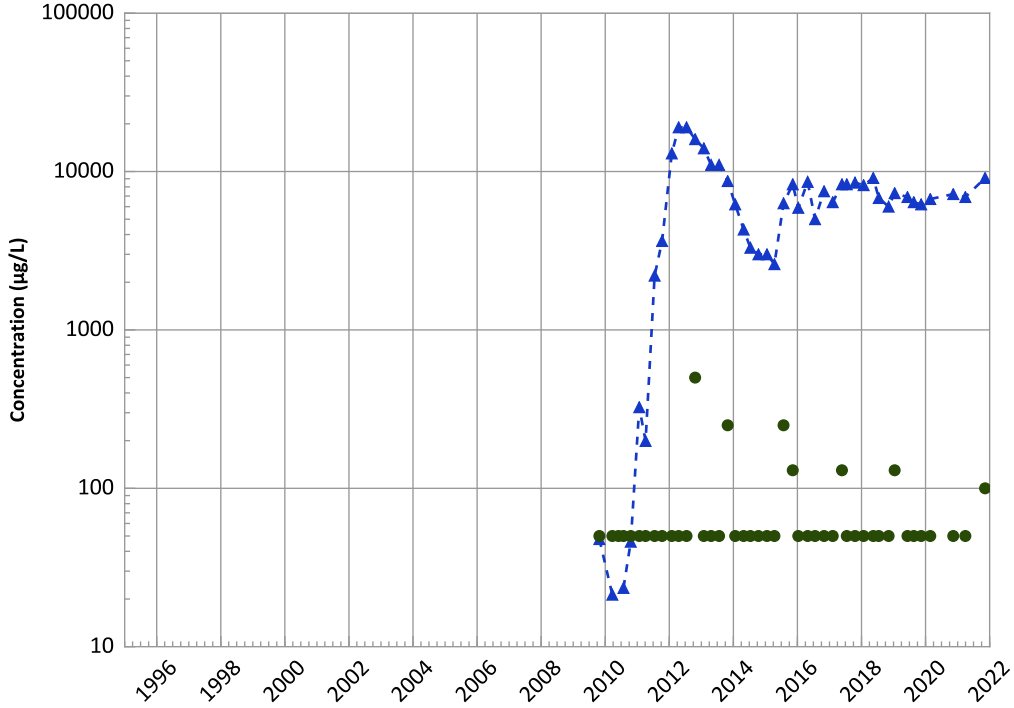


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

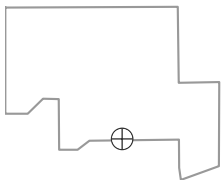
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

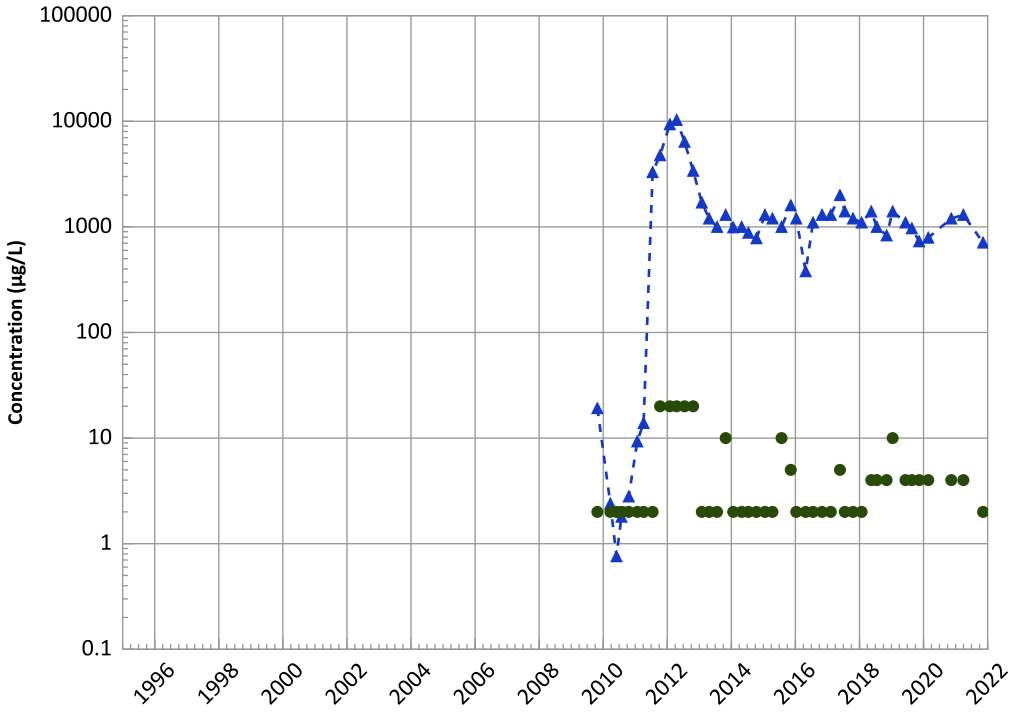
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

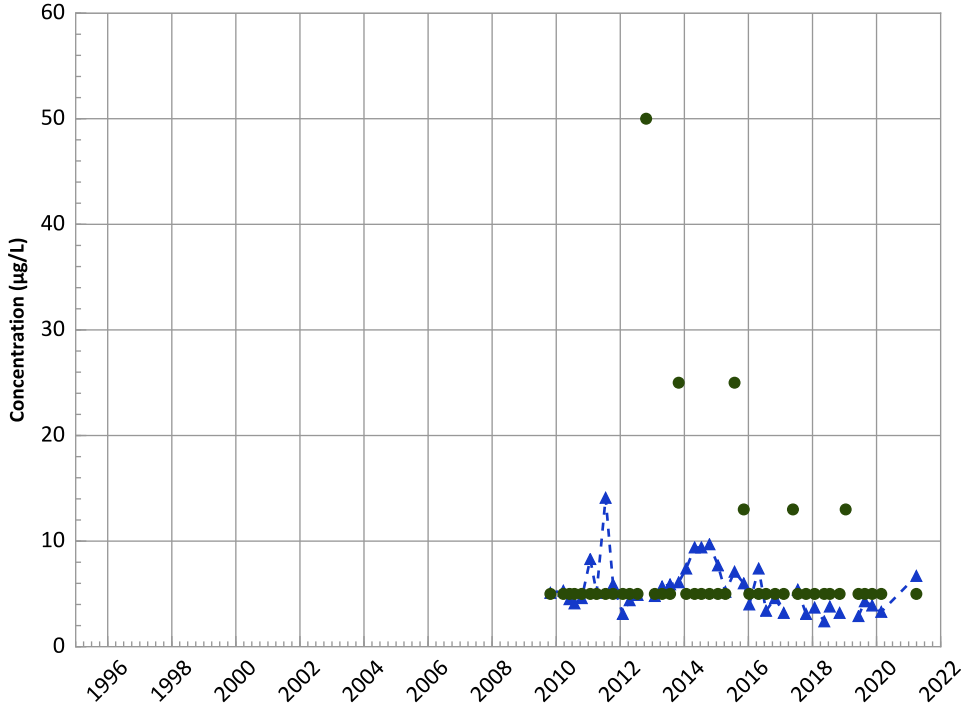


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

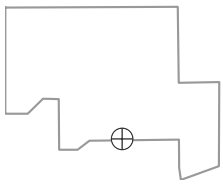
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

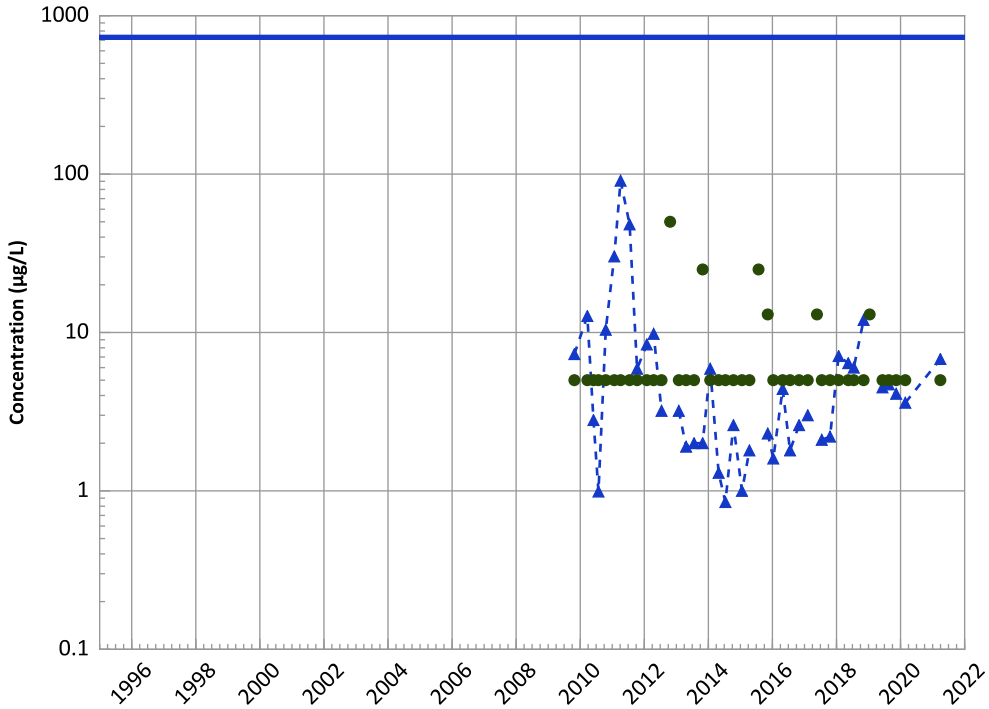
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

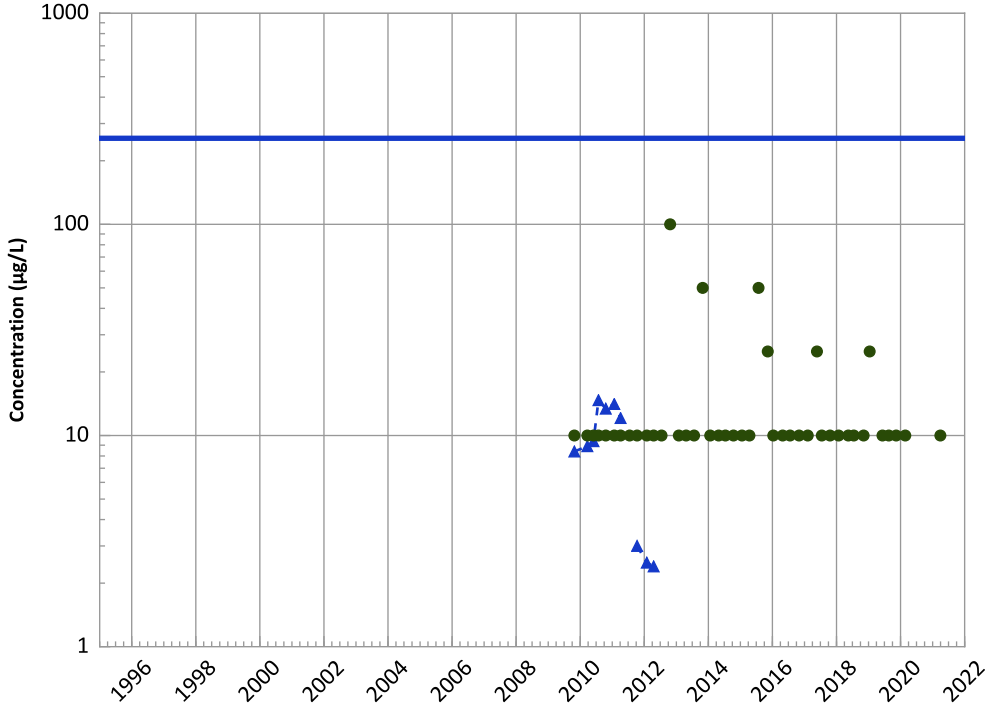


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

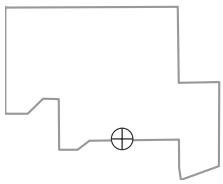
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

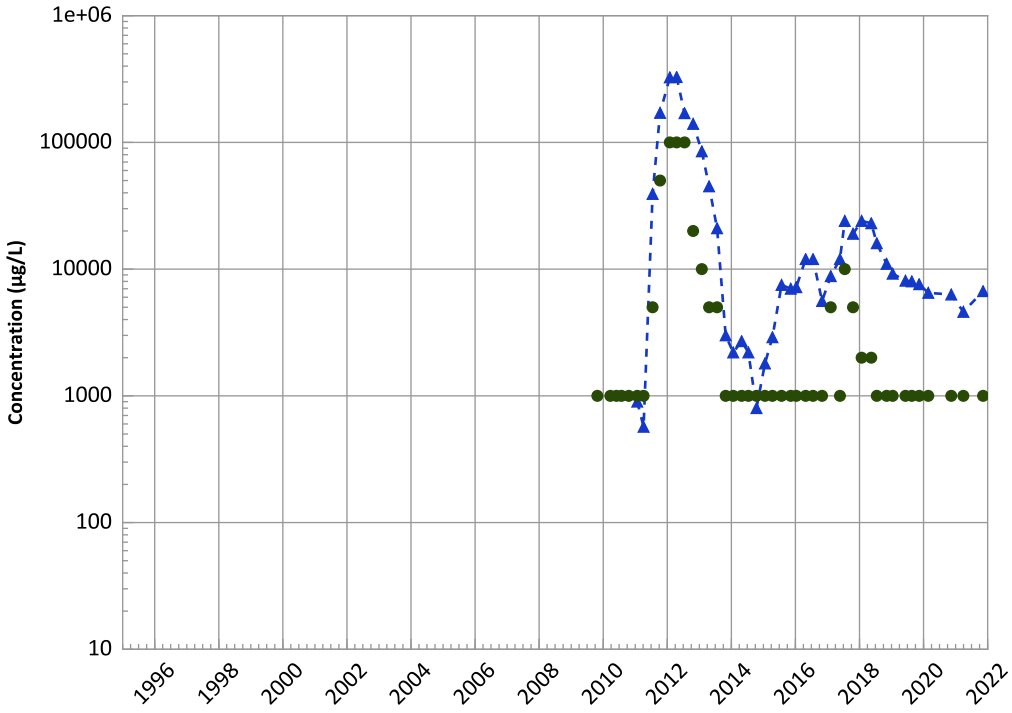
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1156 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

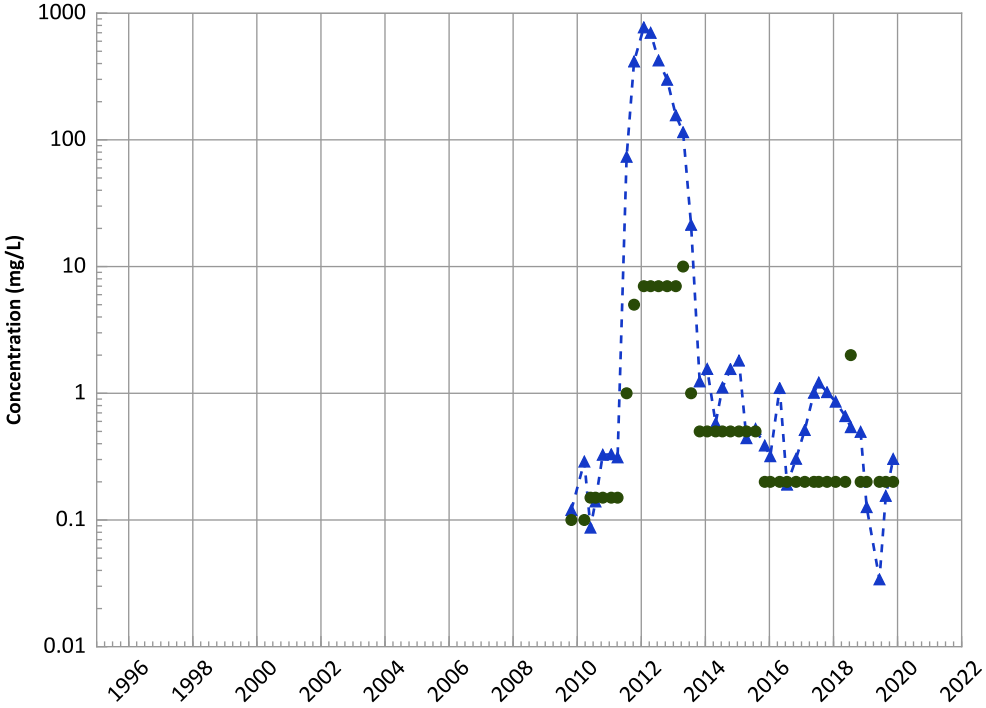


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Total Volatile Fatty Acids Trend



Concentration Trend

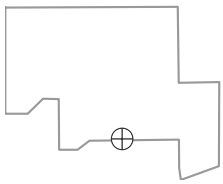
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

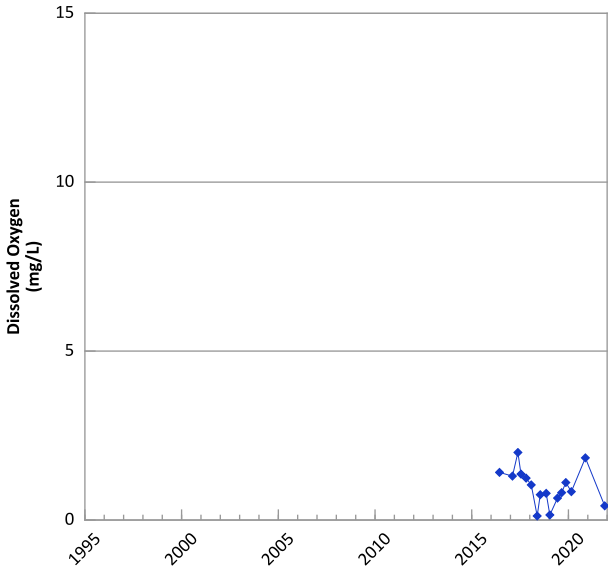
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/26/2009 to 11/10/2021
Analysis Date: 05/02/2022

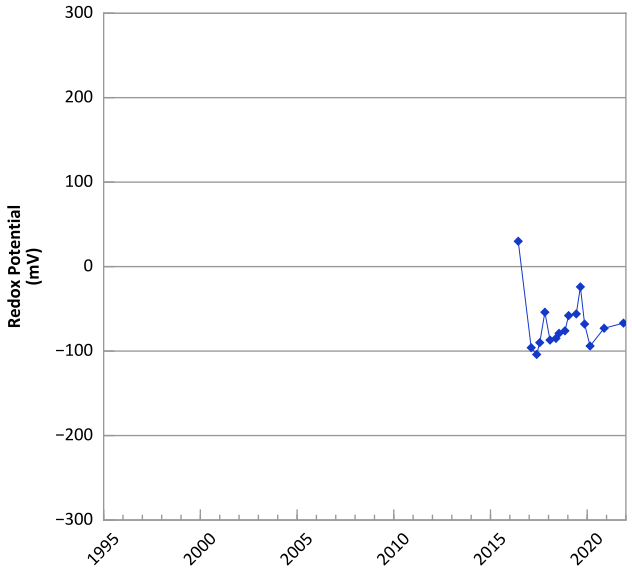
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

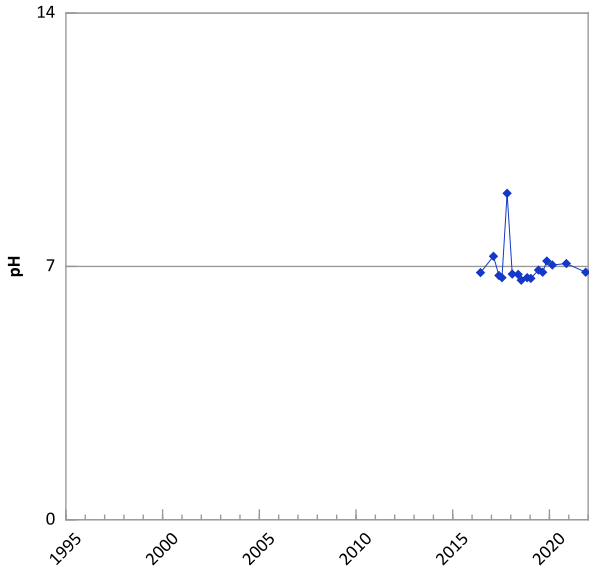
Well Location

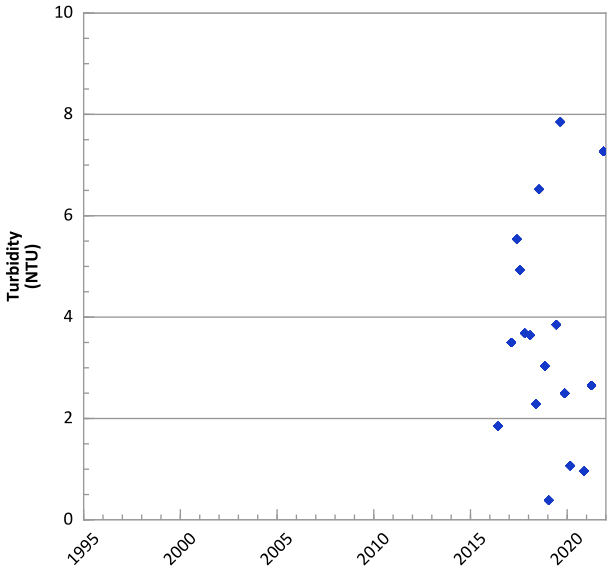


PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



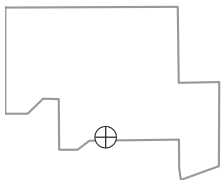






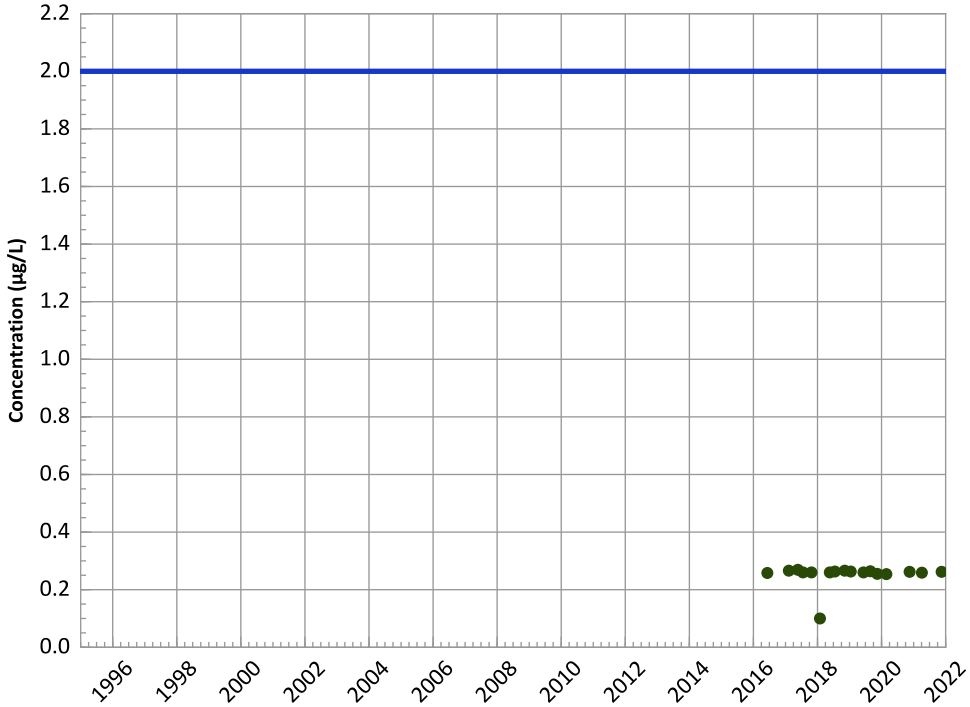
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

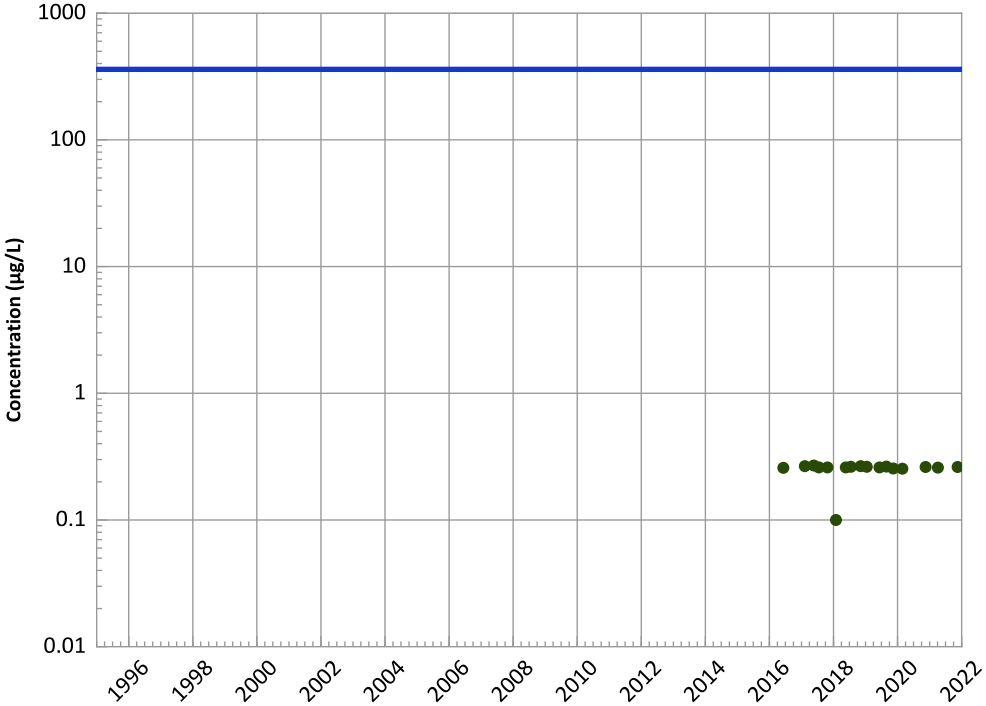


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

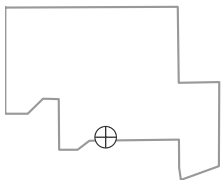
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

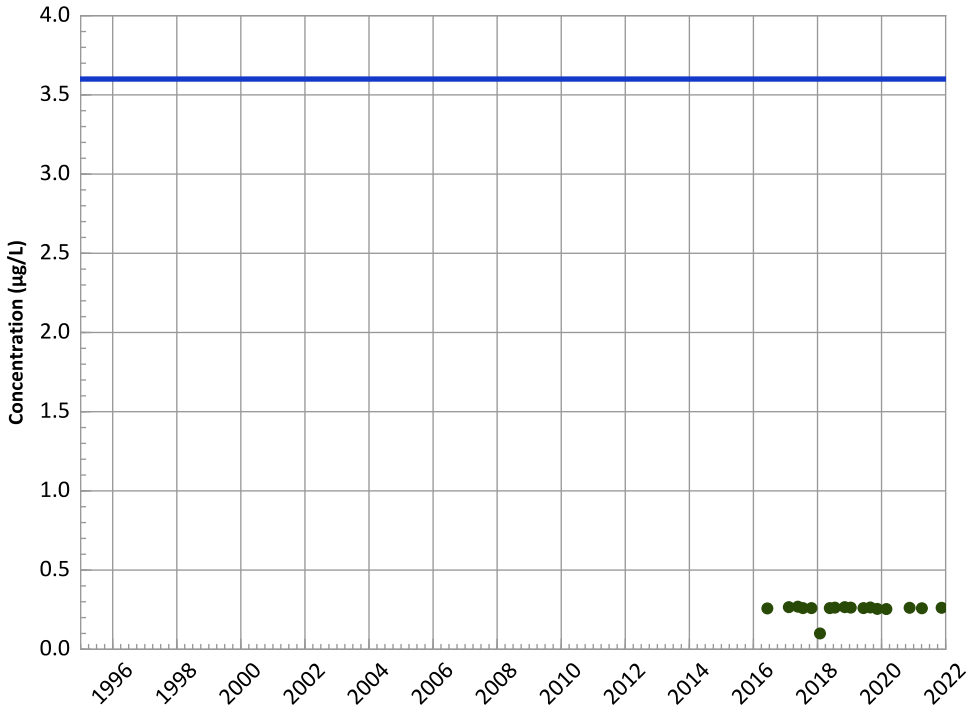
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

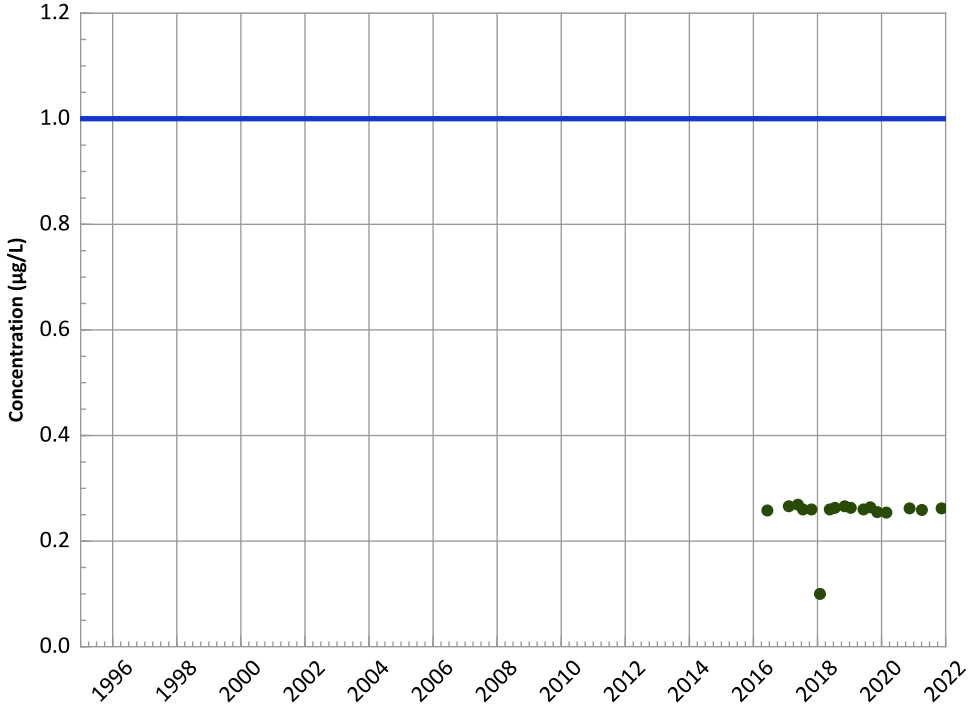


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

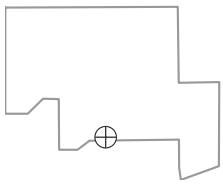
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

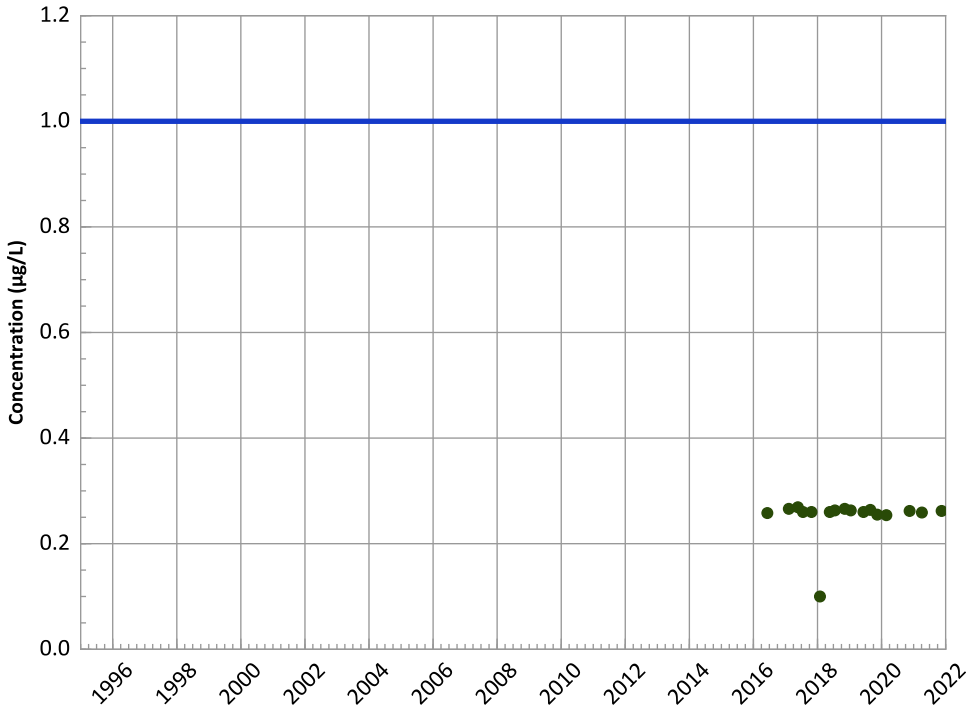
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

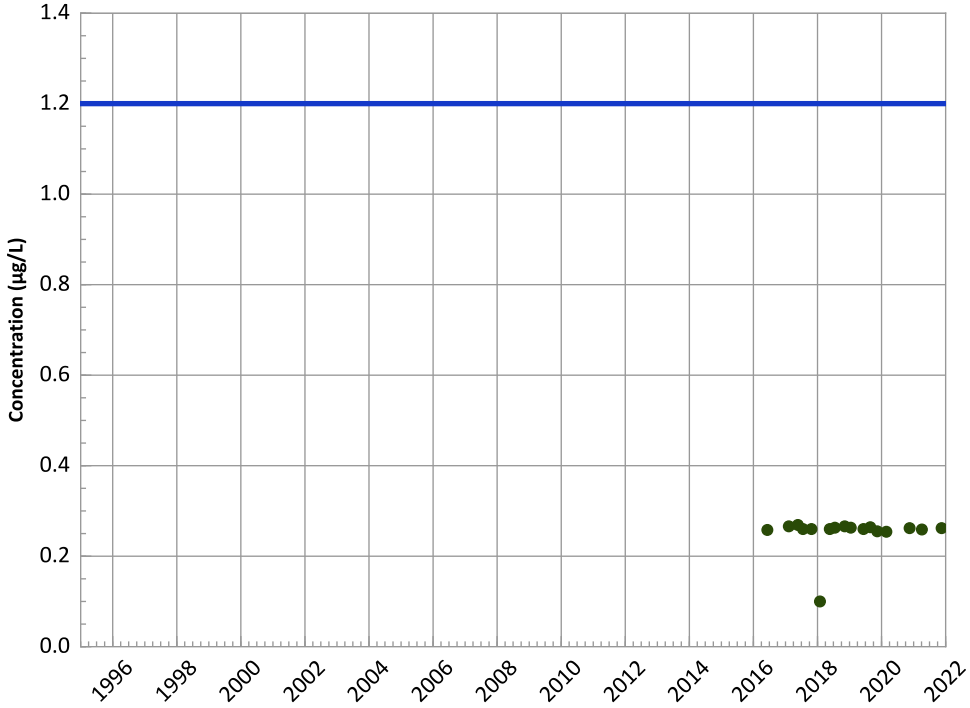


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

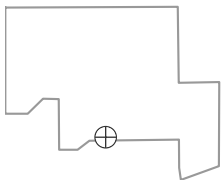


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

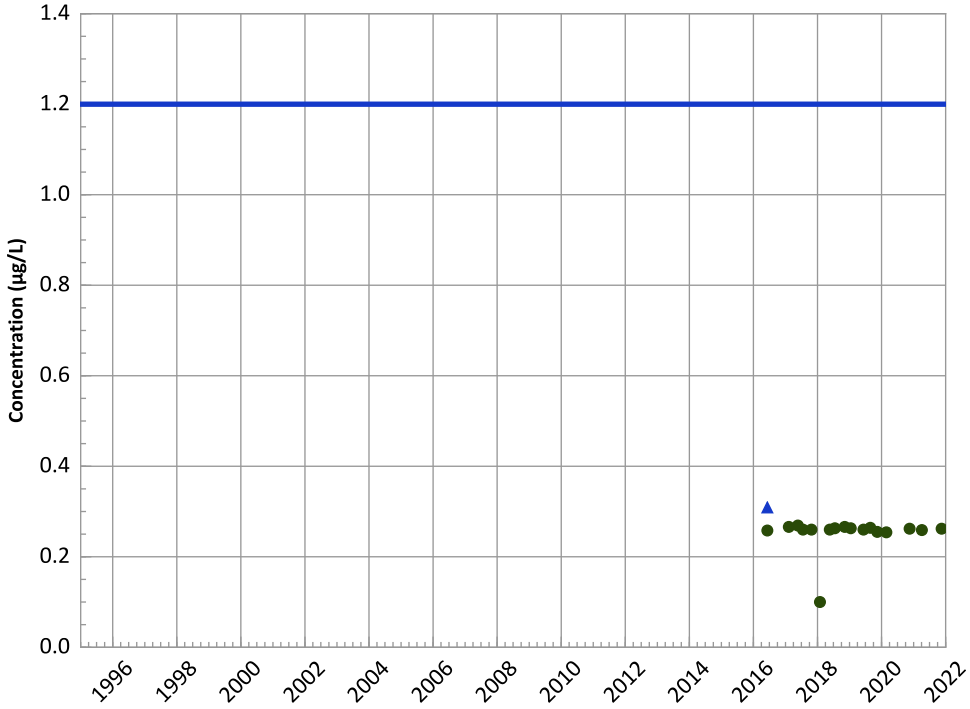


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

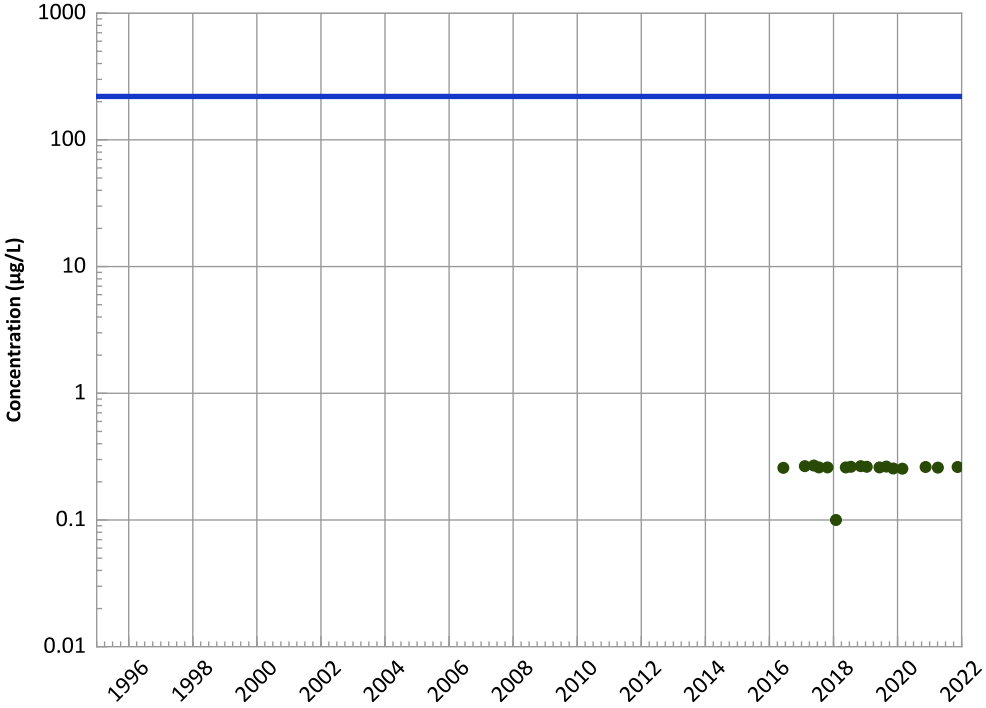


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

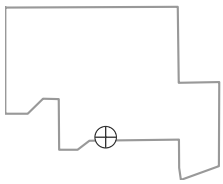
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

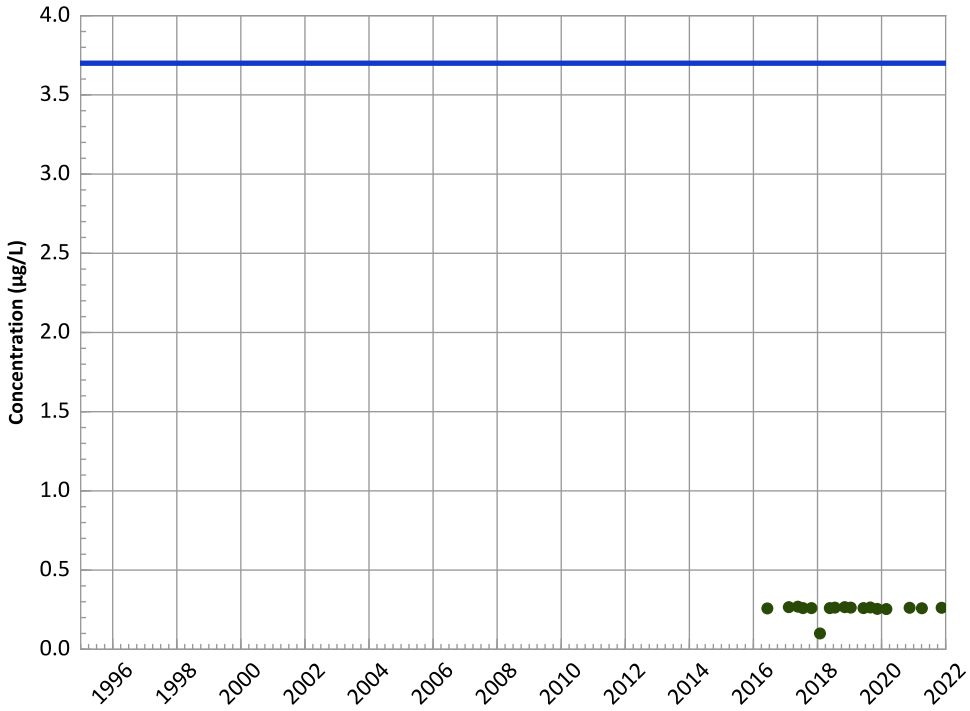
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

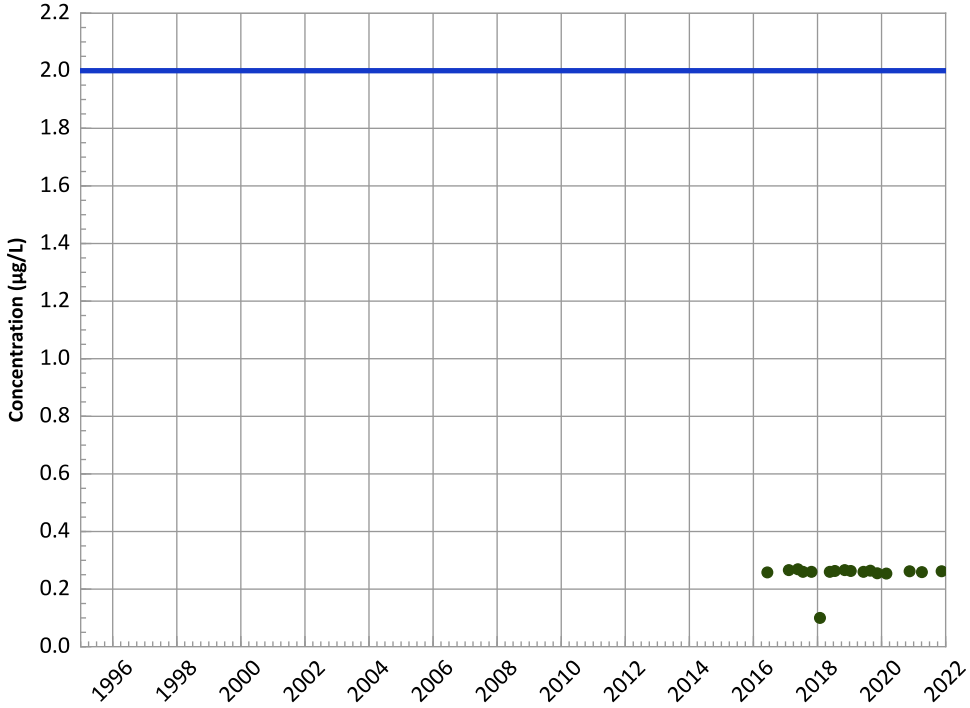


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

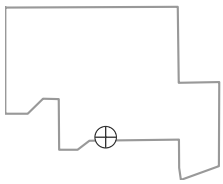
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

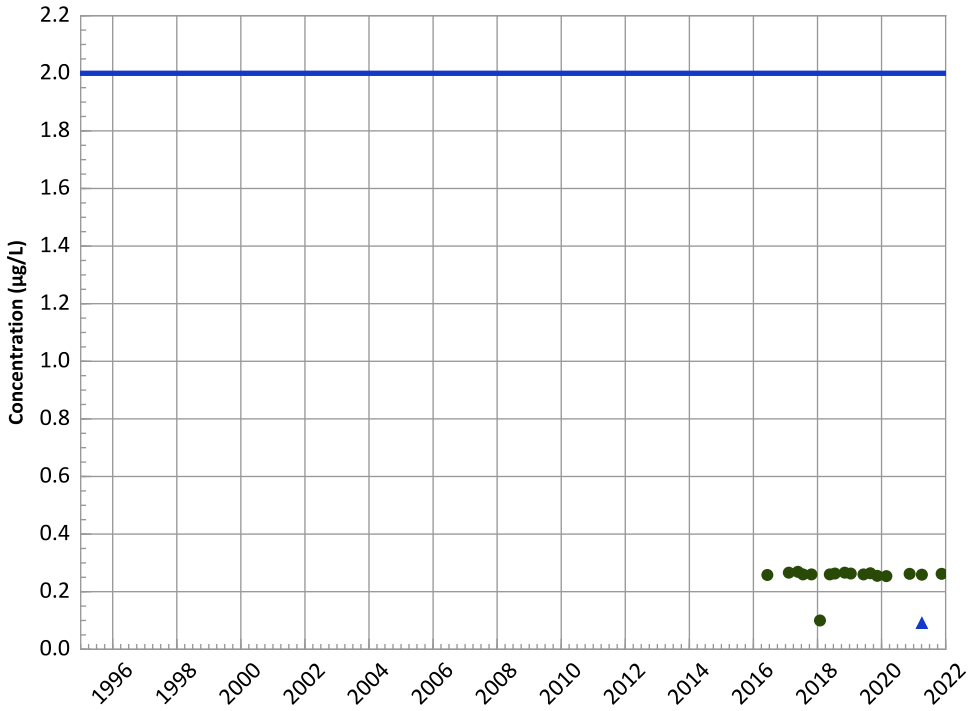
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

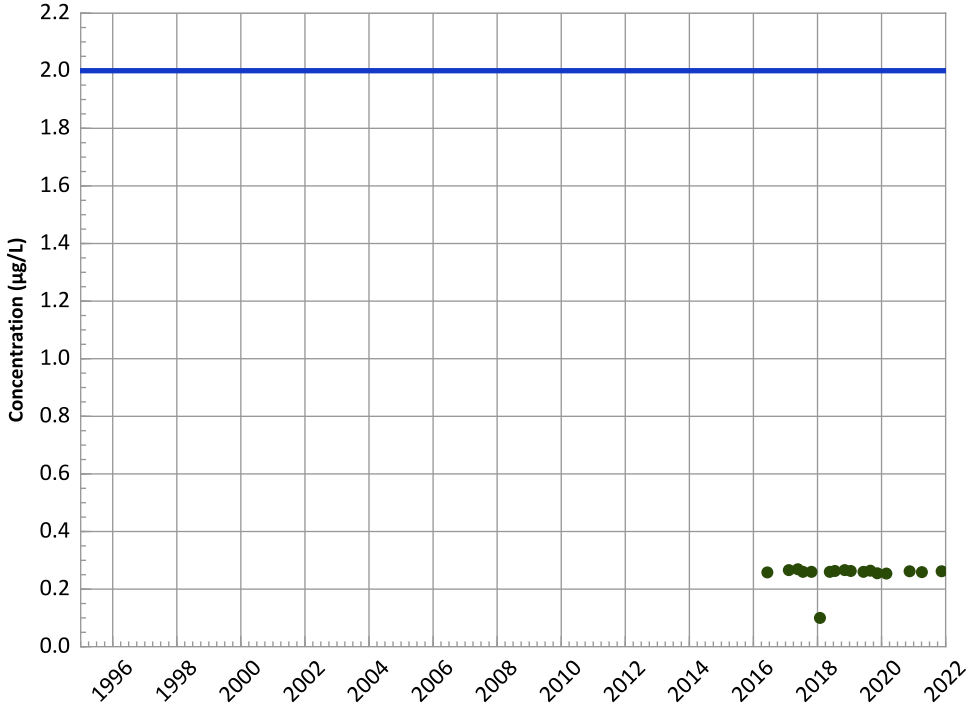


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

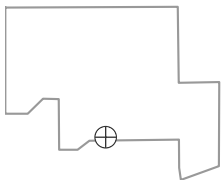
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

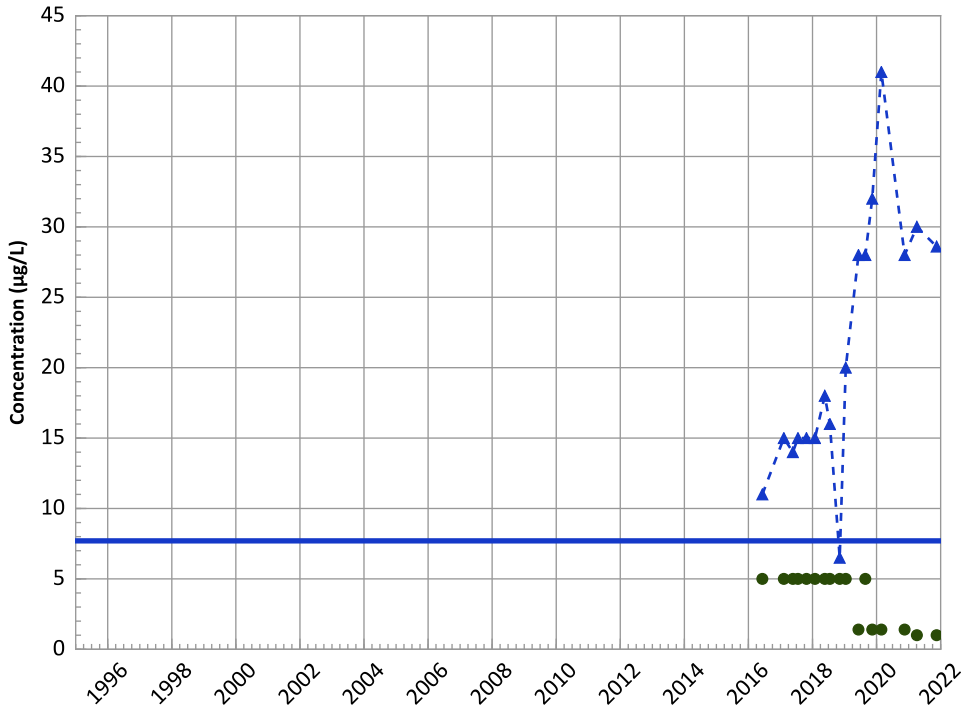
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

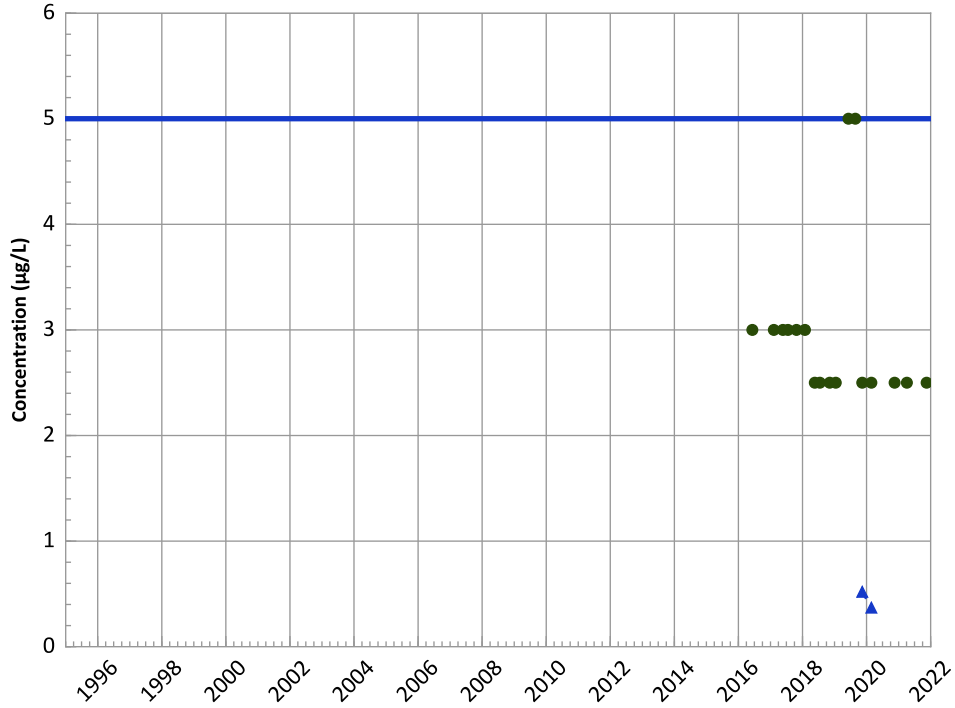


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

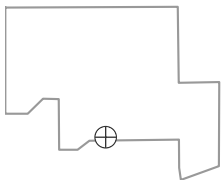
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

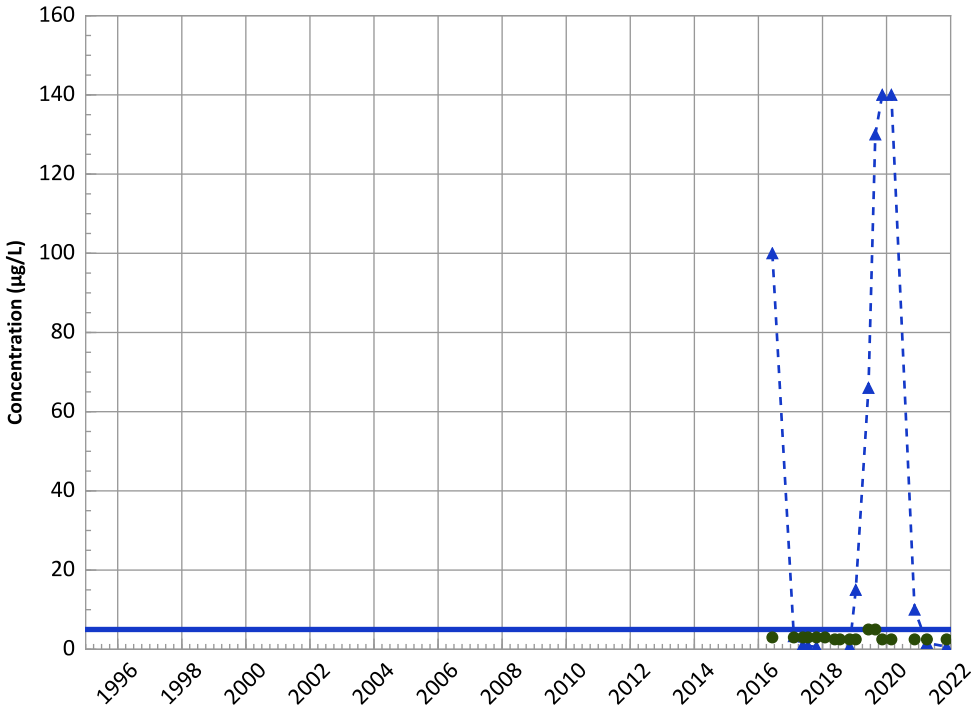
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

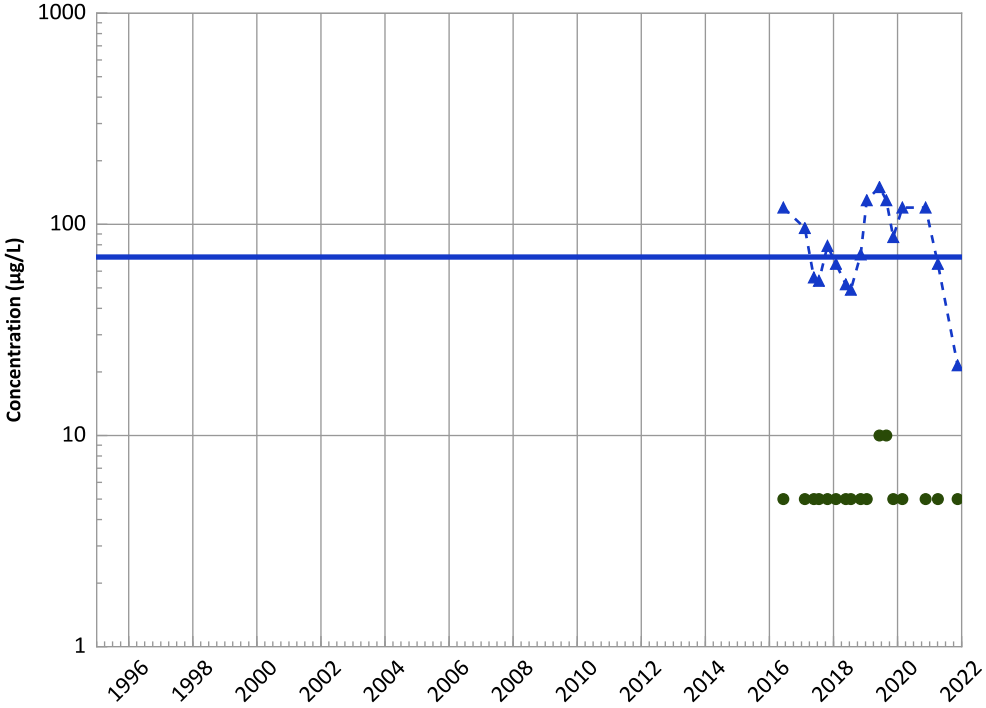


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

cis-1,2-Dichloroethene Trend



Concentration Trend

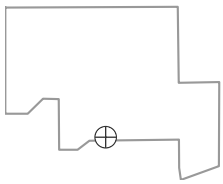
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

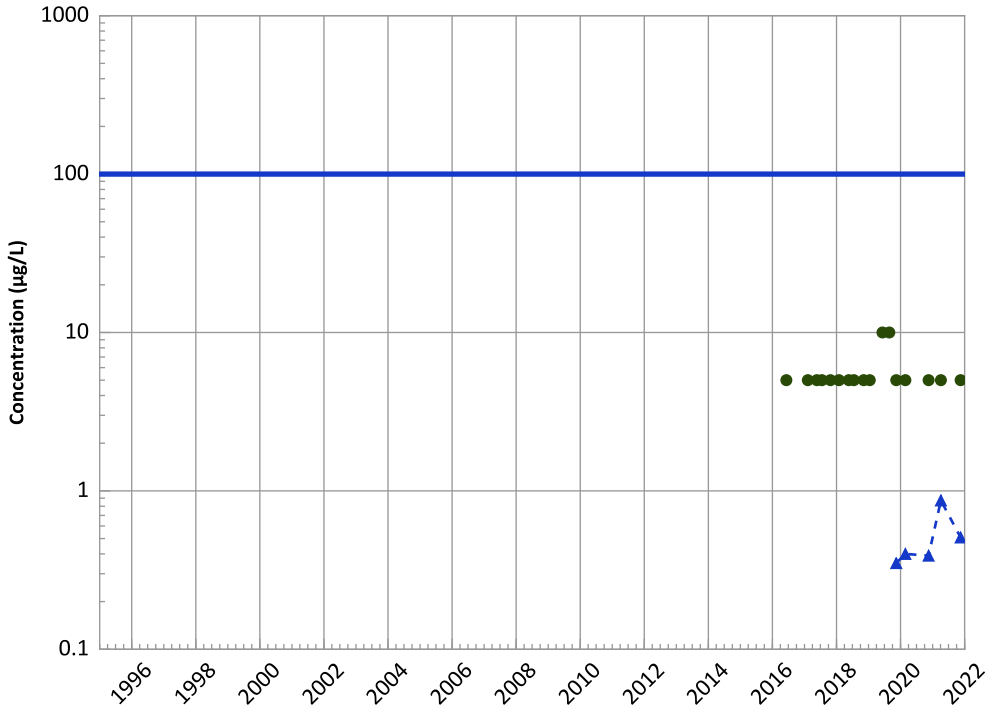
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

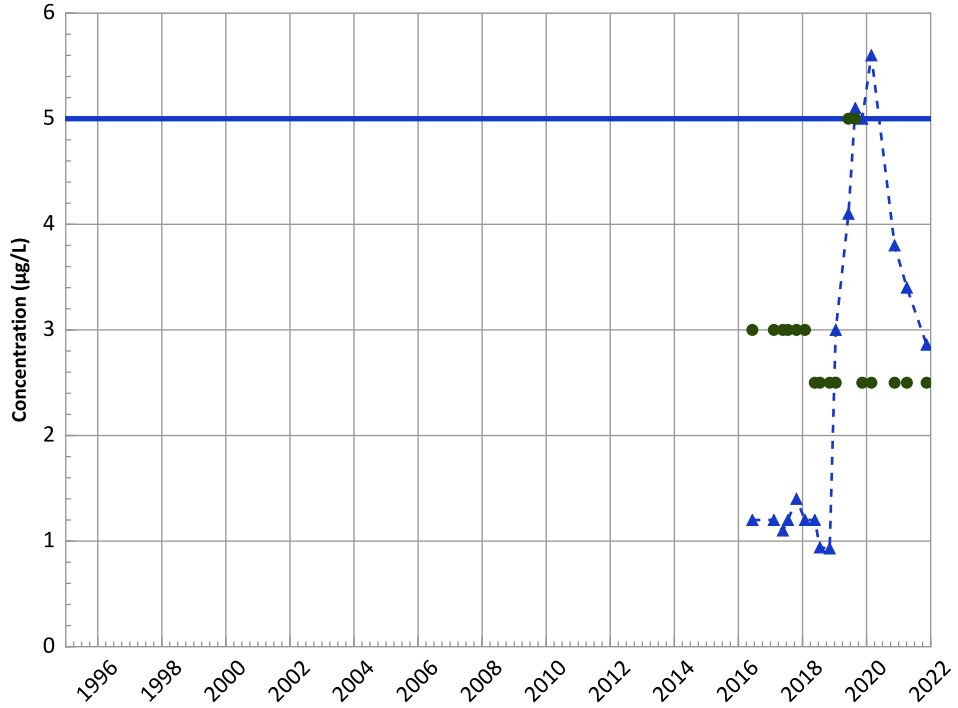


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

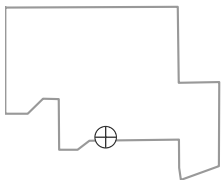
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

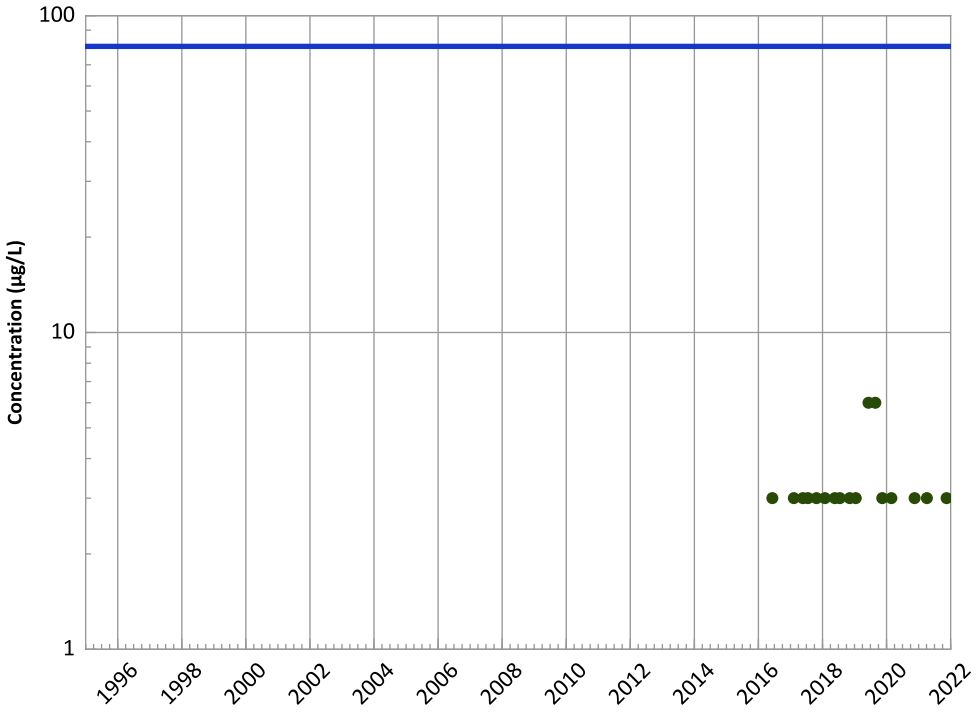
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

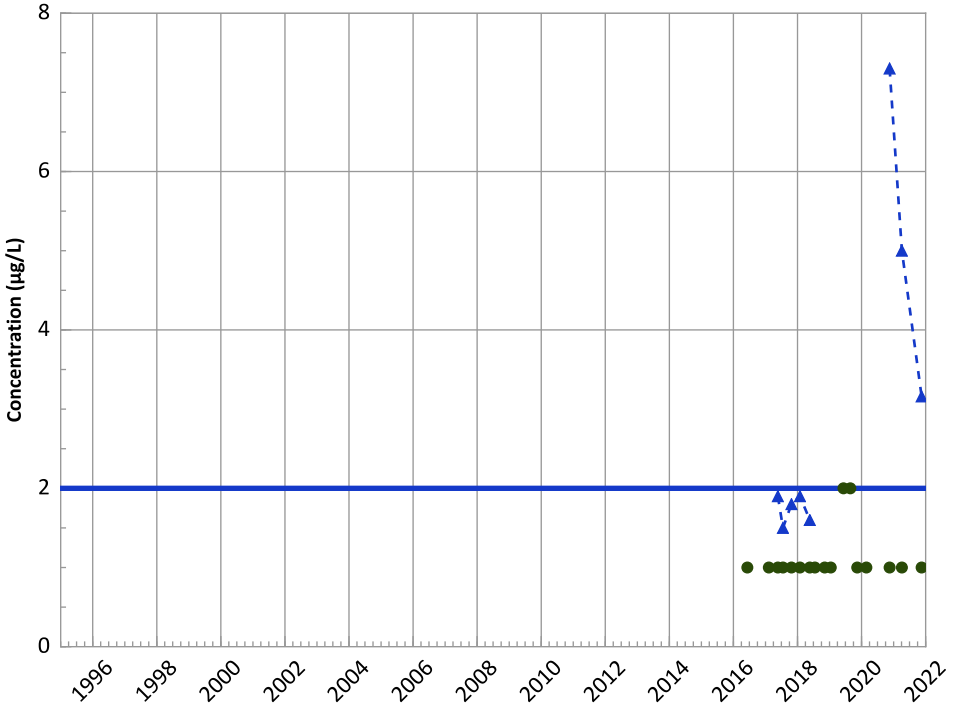


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

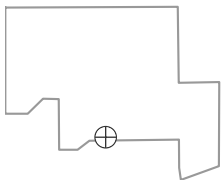
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

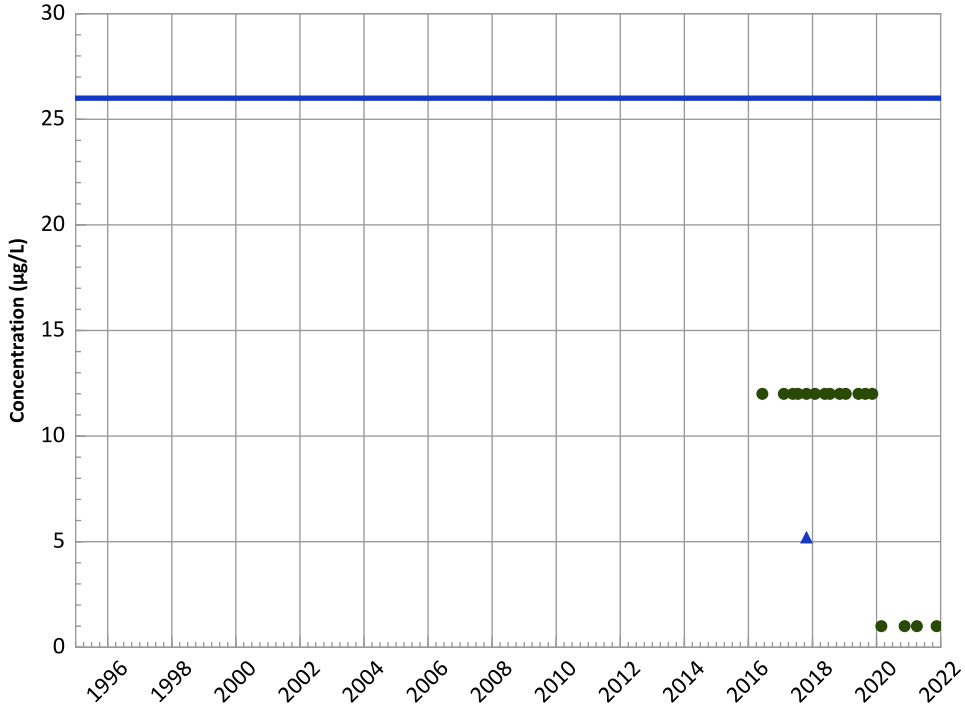
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

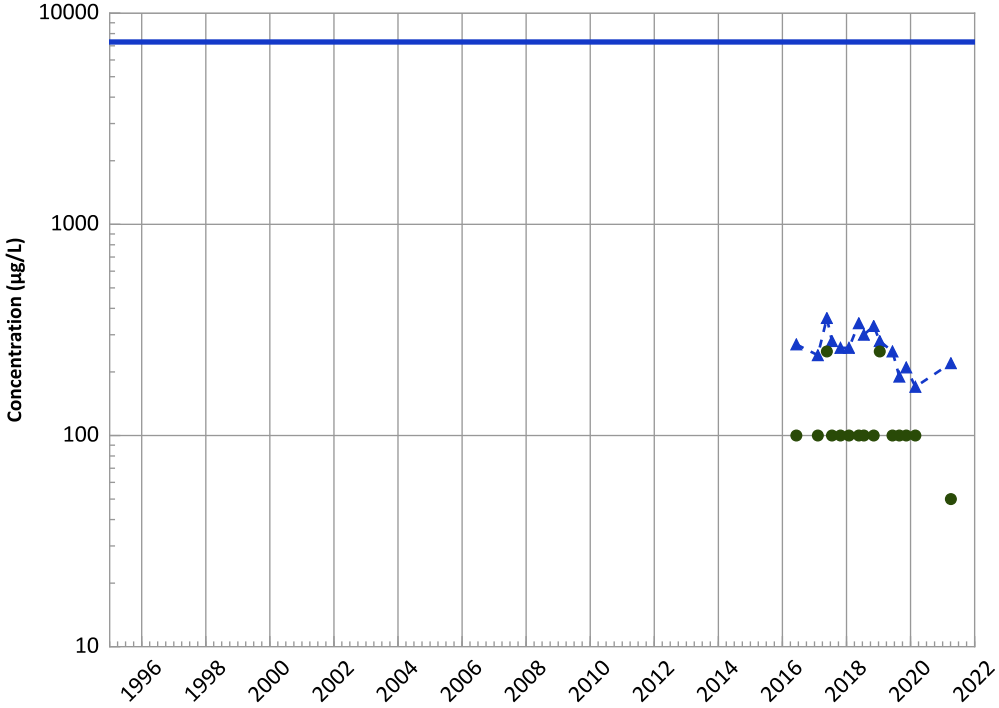


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

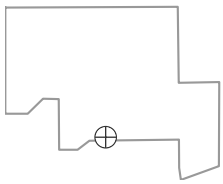
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

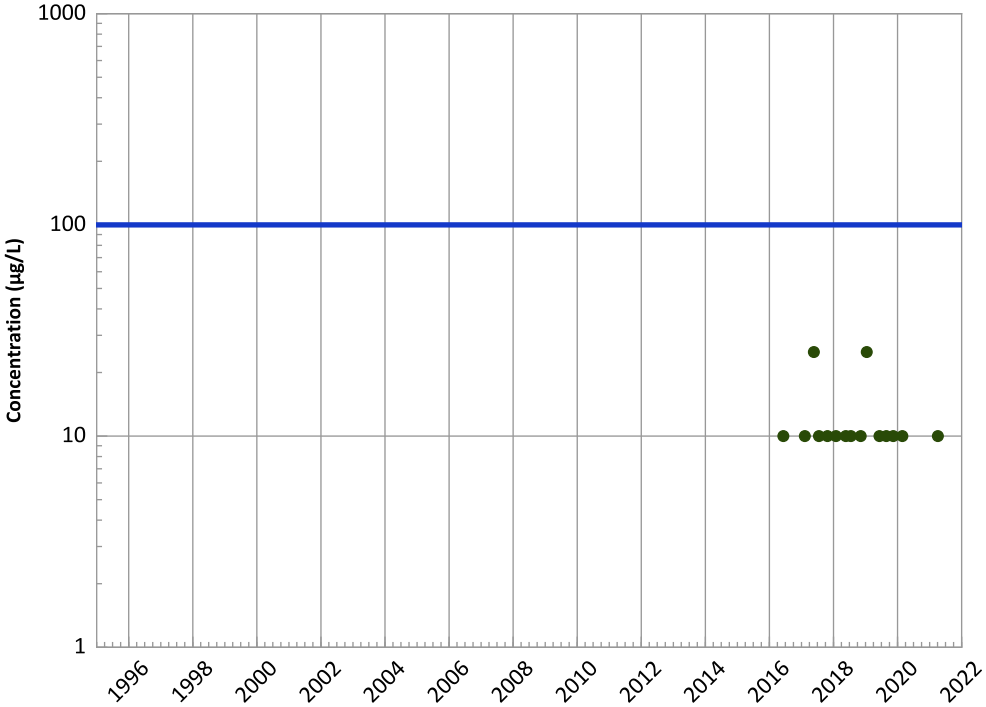
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

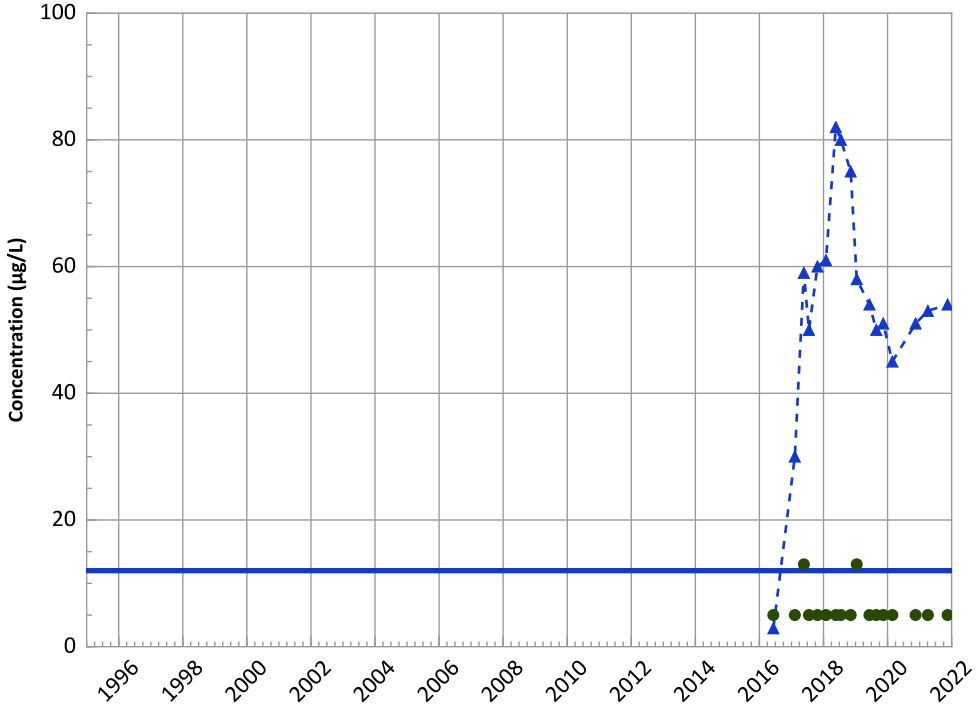


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Arsenic Trend



Concentration Trend

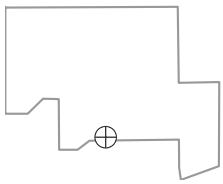
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

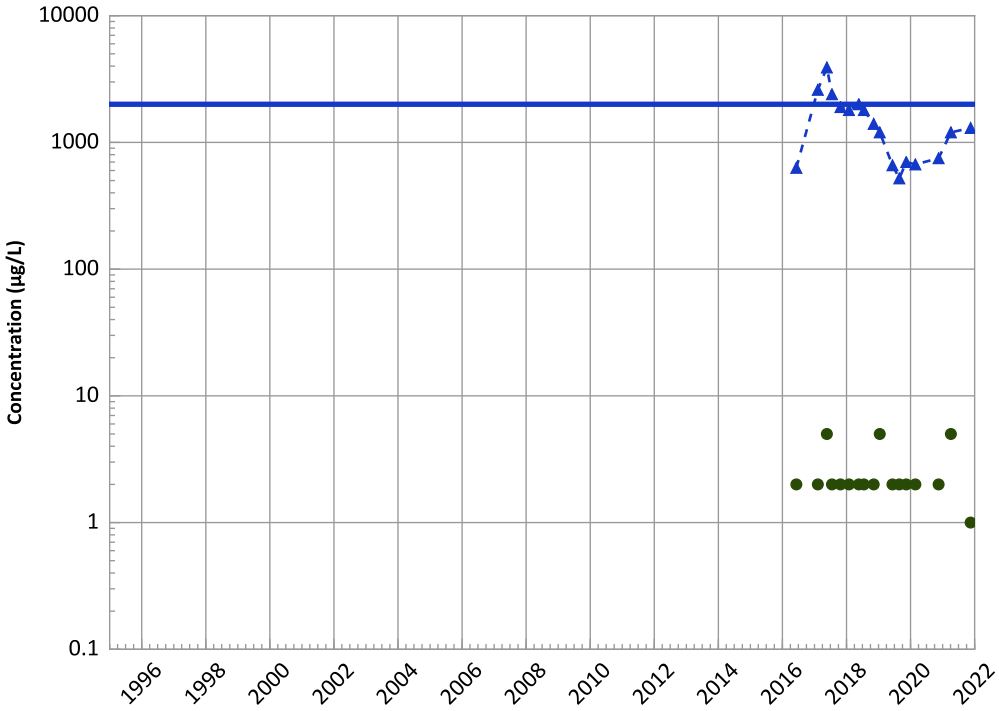
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

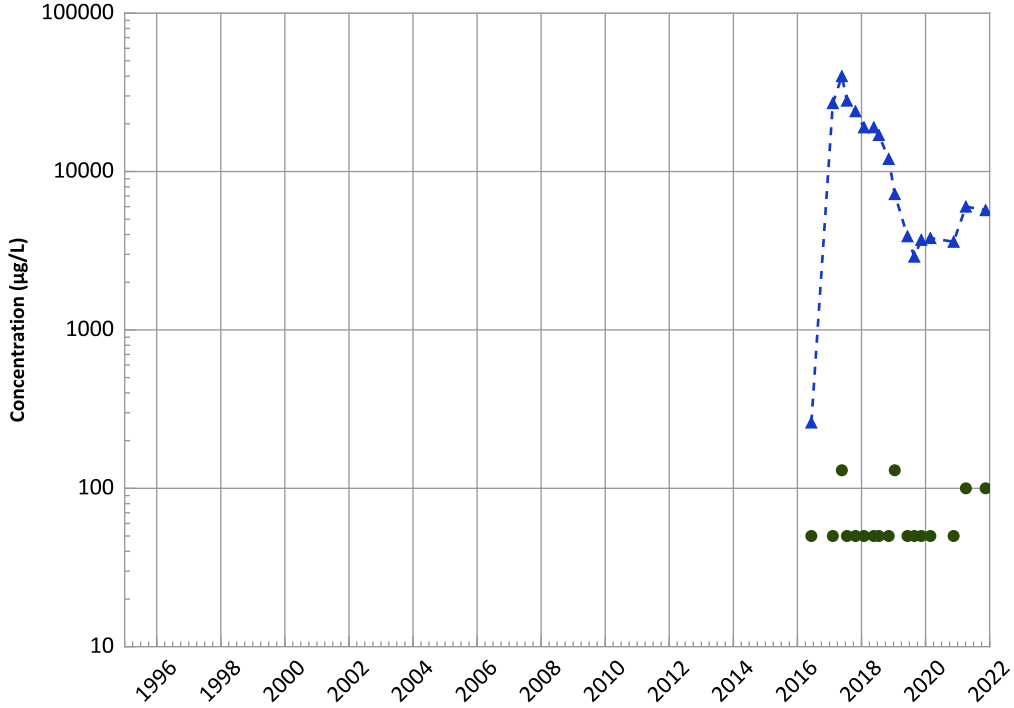


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

Iron Trend



Concentration Trend

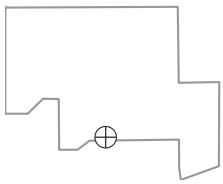
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

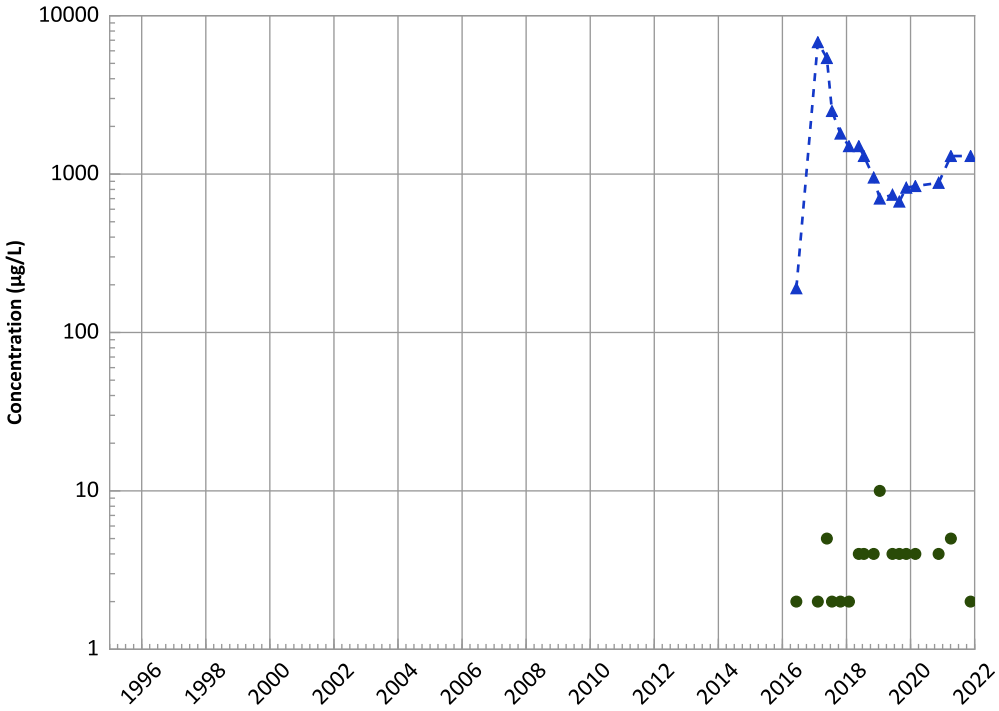
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

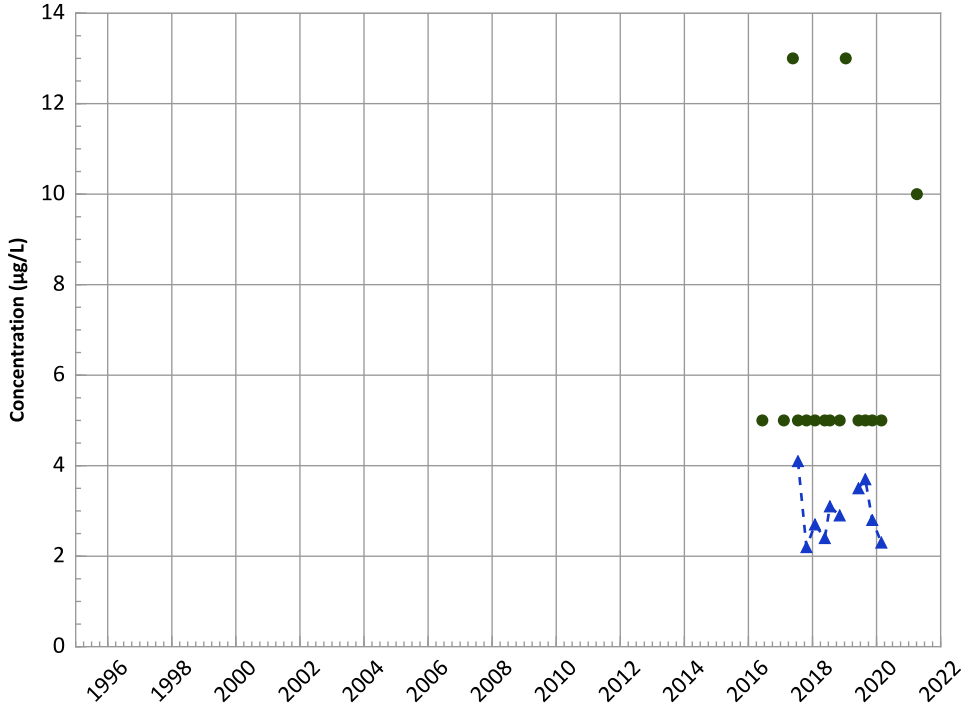


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Increasing

Molybdenum Trend



Concentration Trend

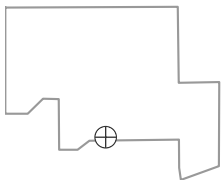
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

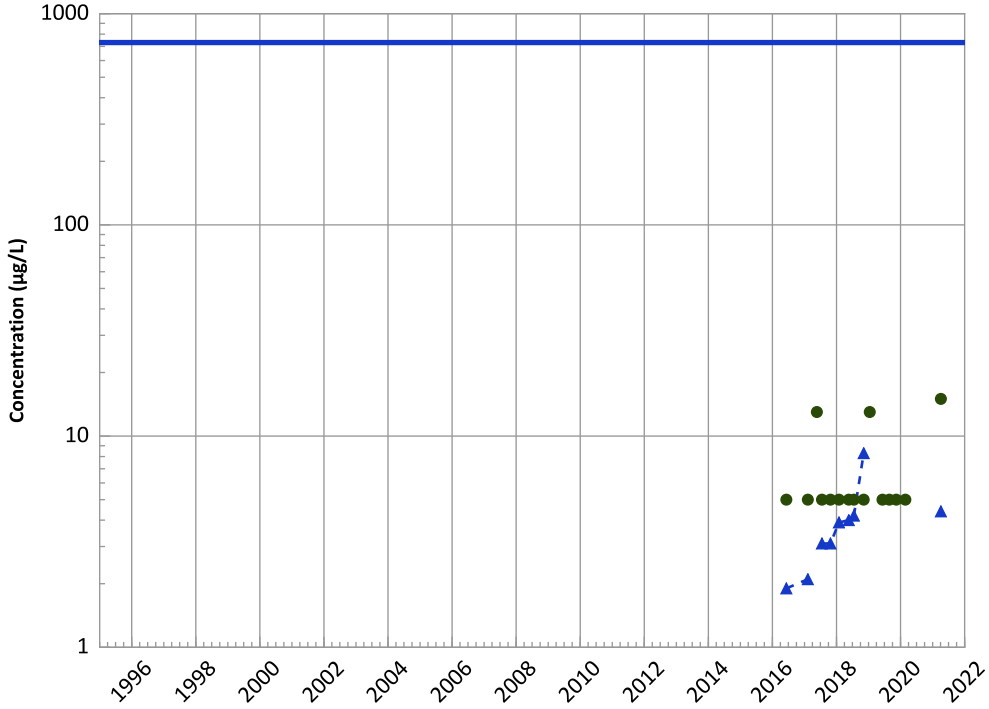
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

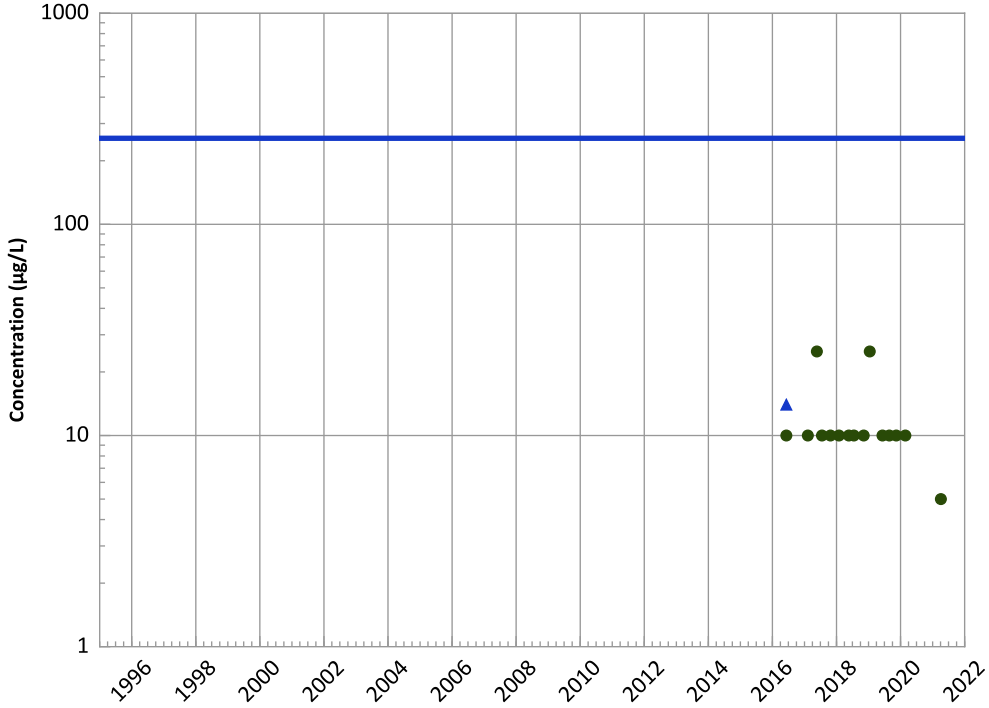


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

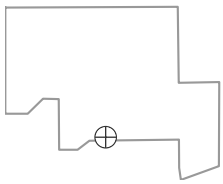
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

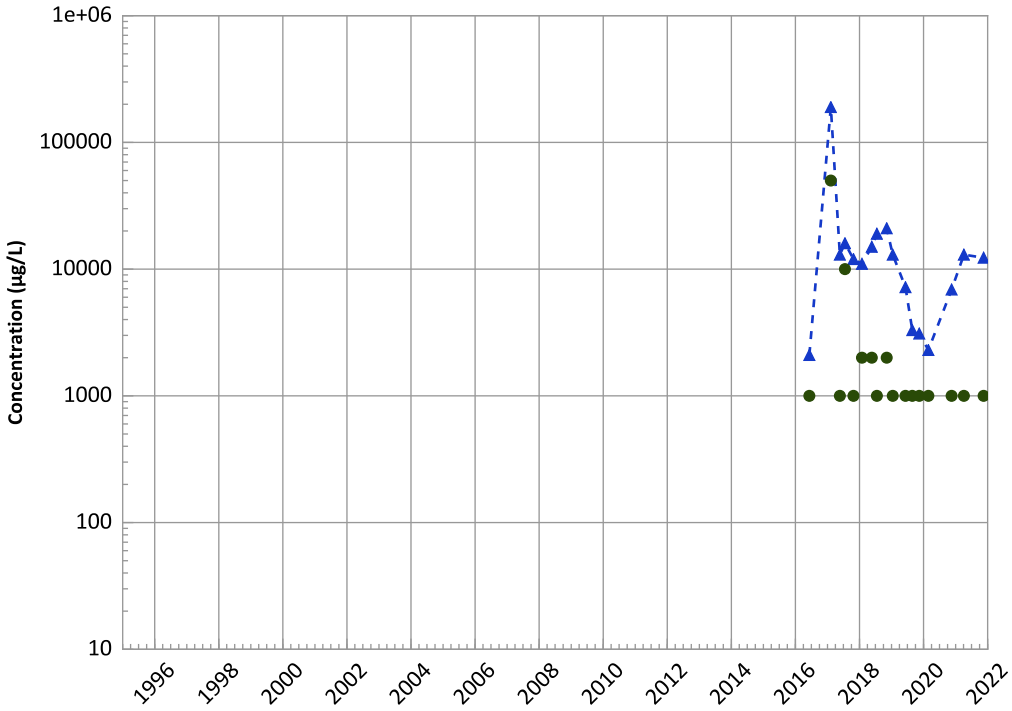
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1173 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

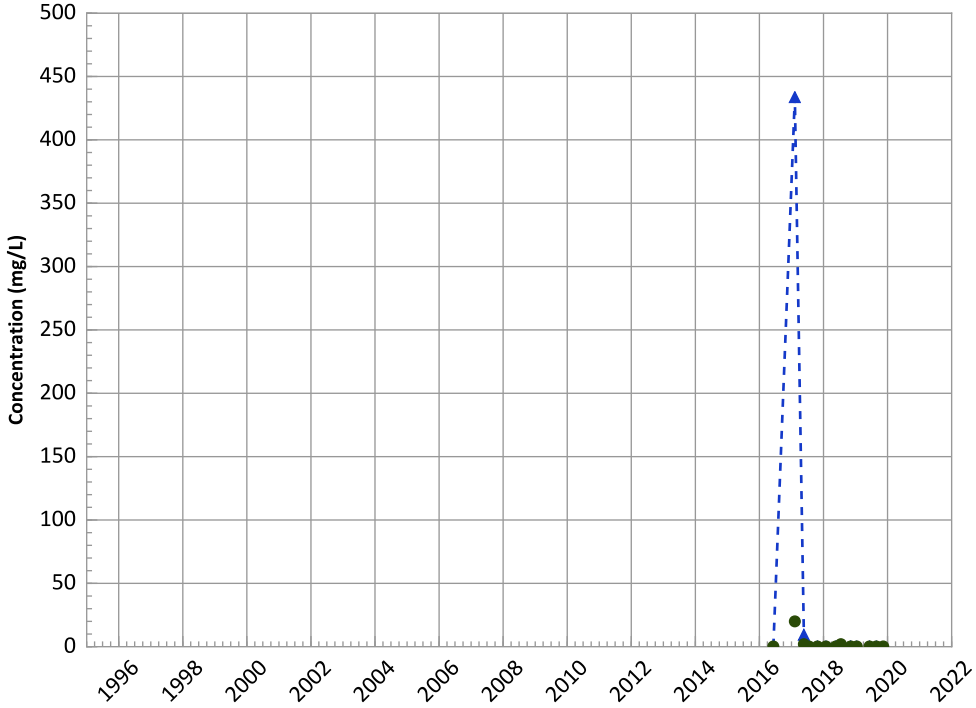


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

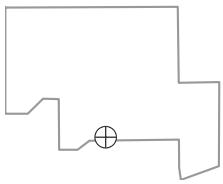
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Decreasing

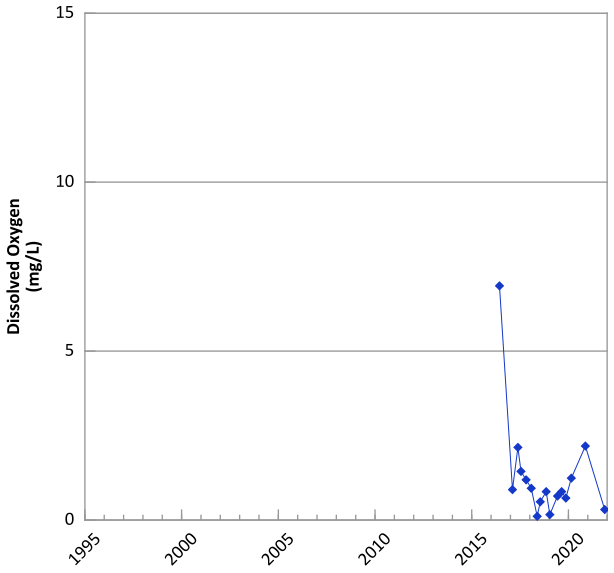
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

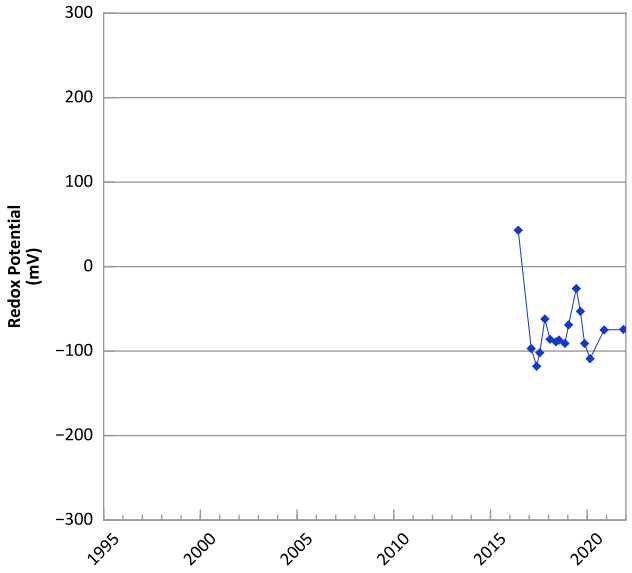
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

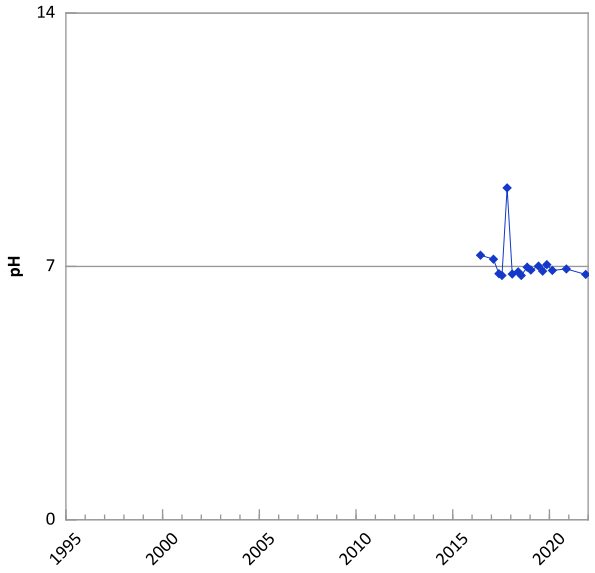
Well Location

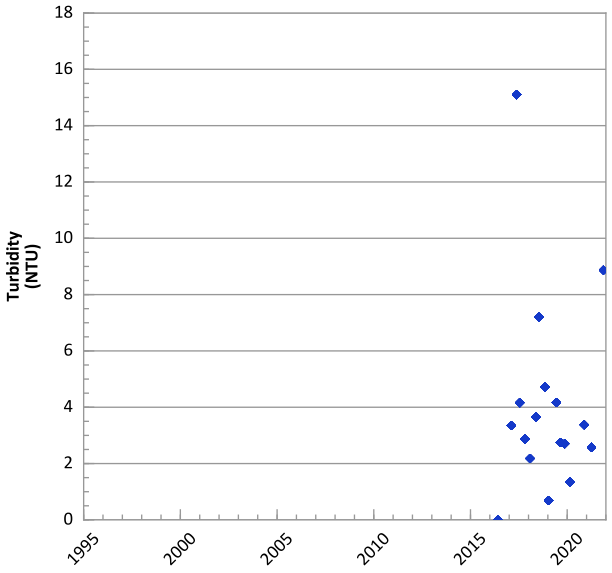


PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



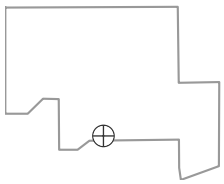






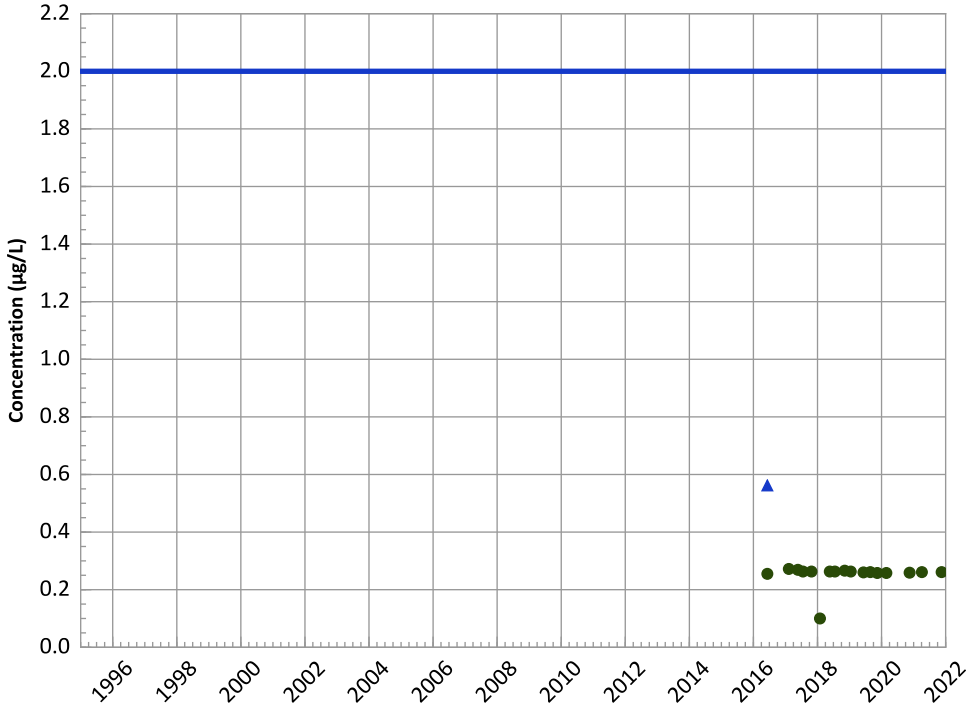
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

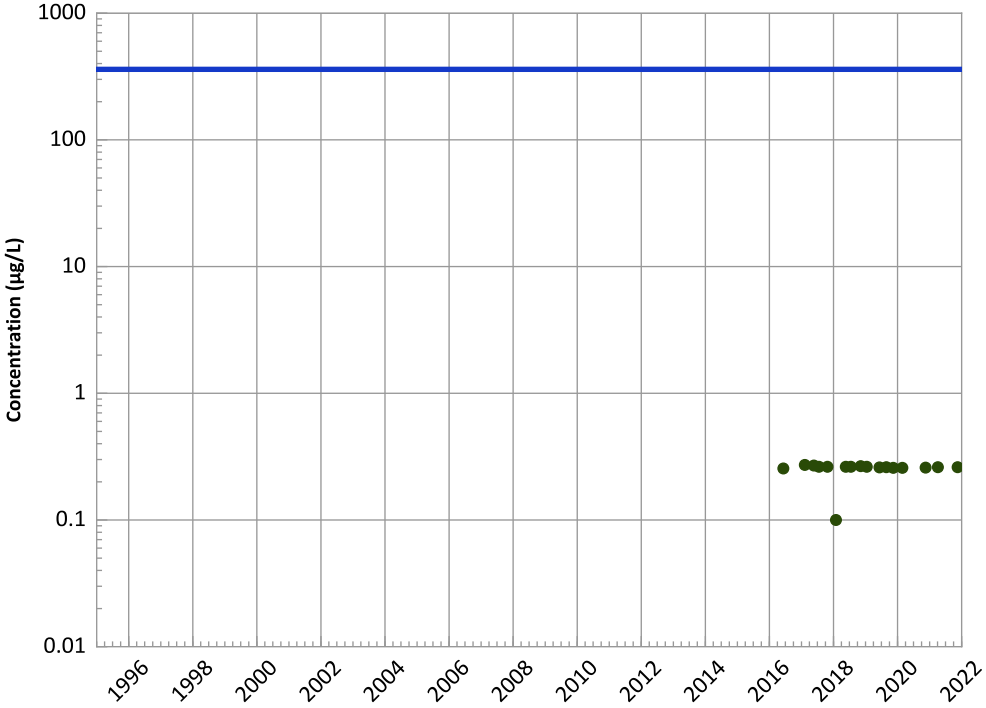


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

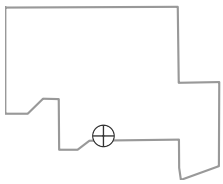
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

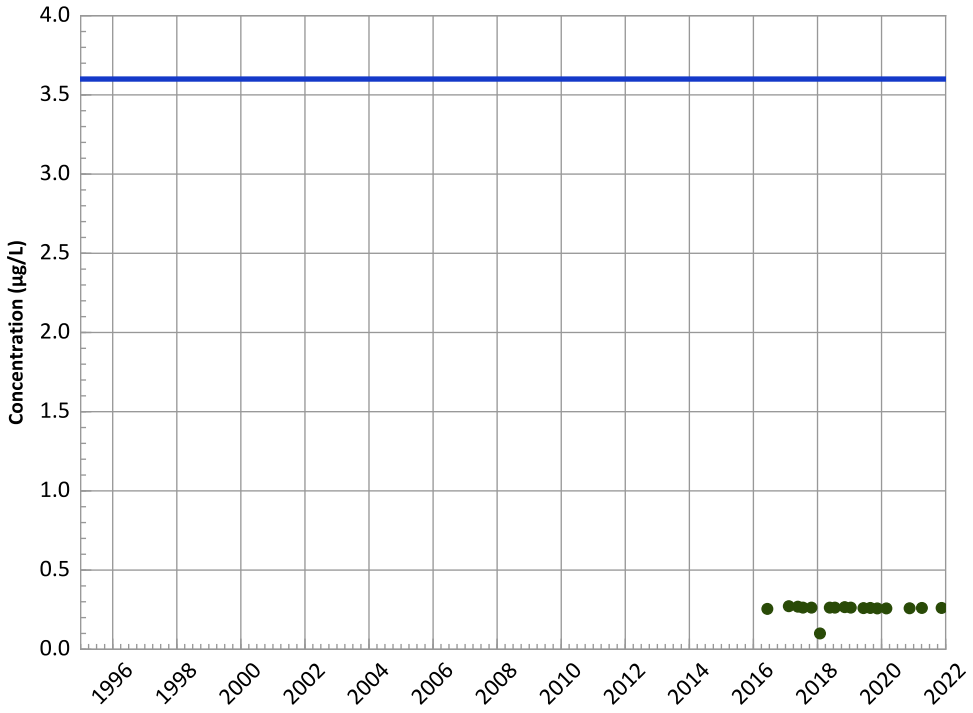
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

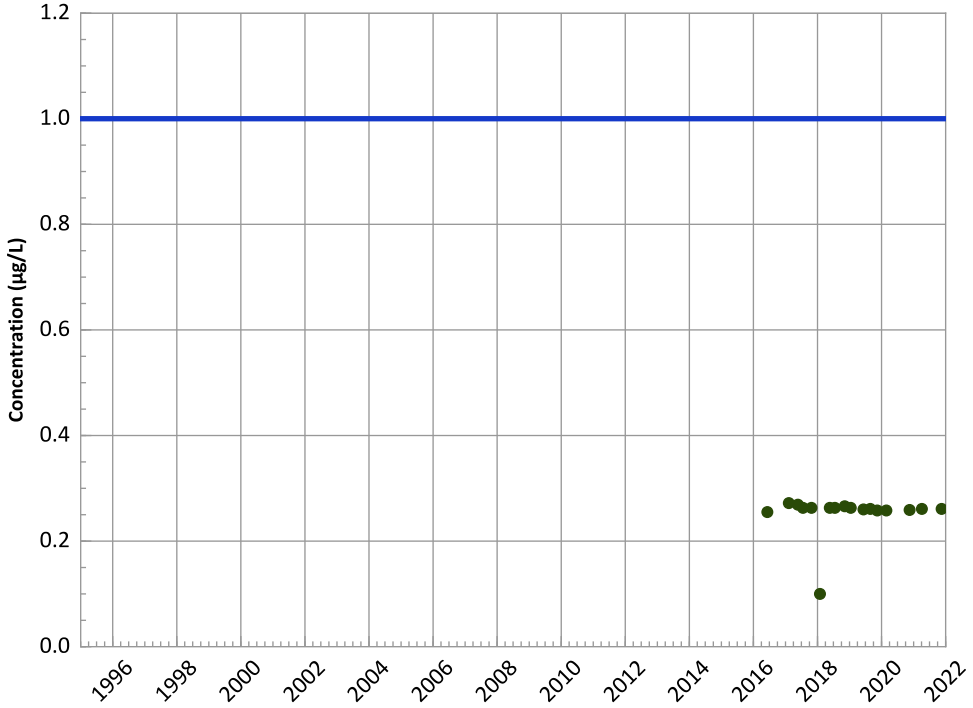


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

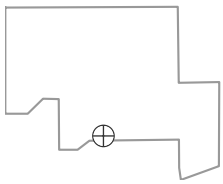


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

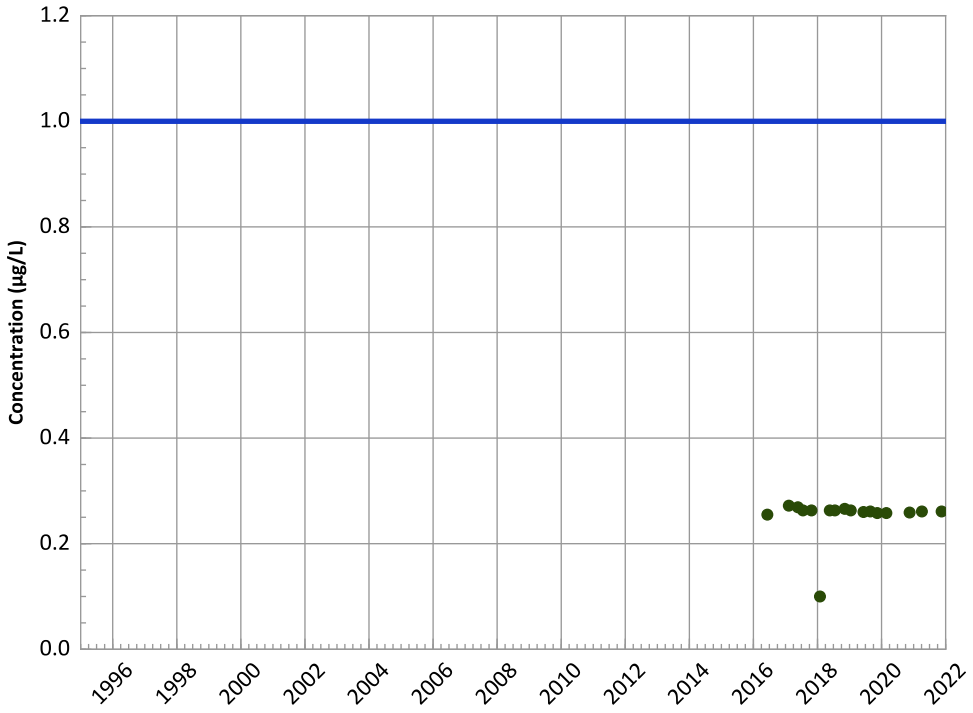


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

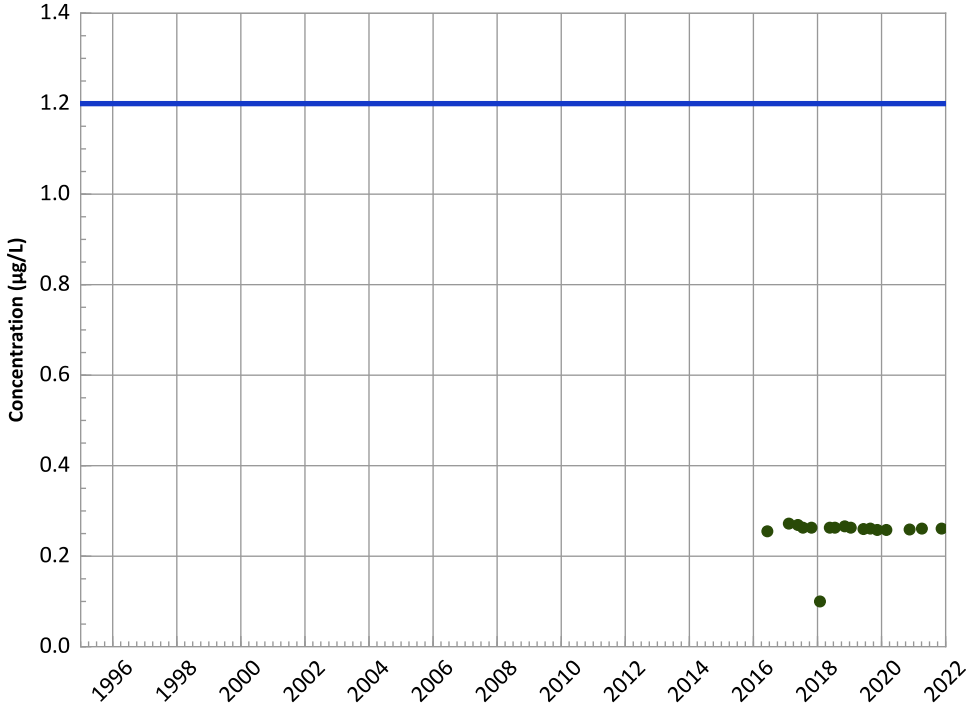


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

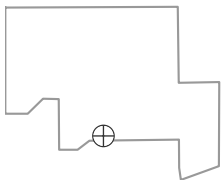


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

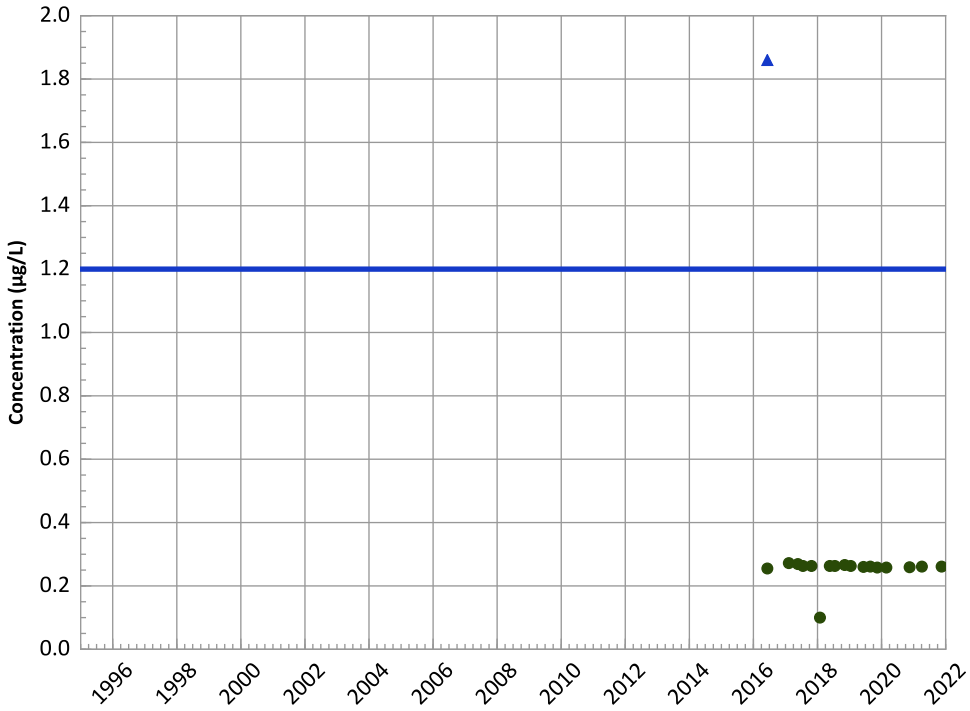


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

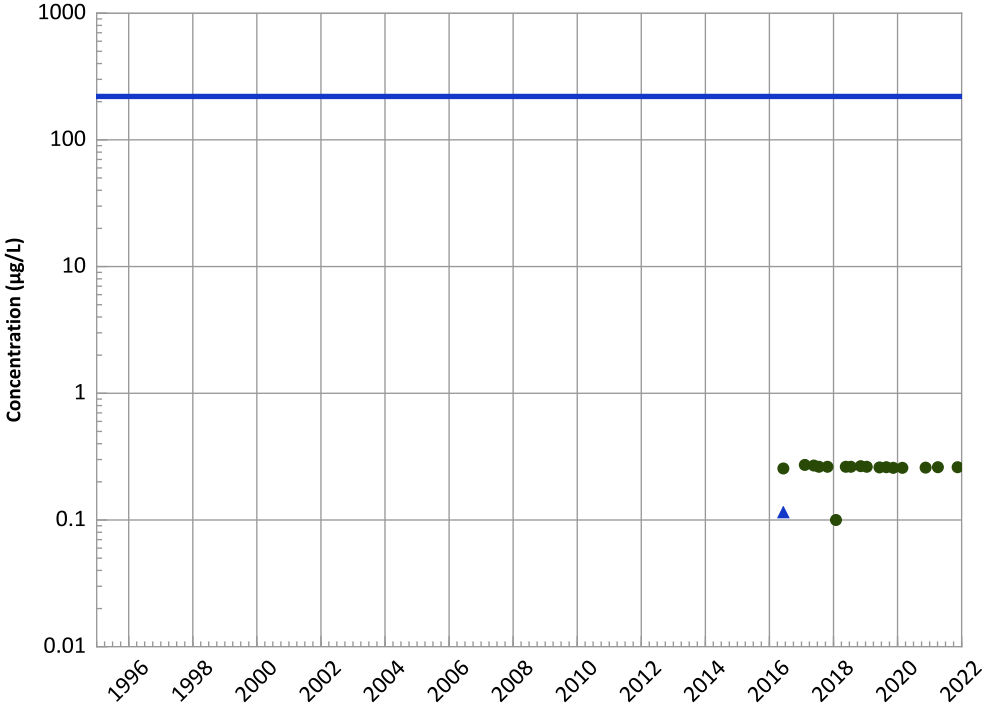


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

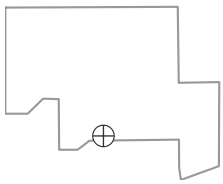
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

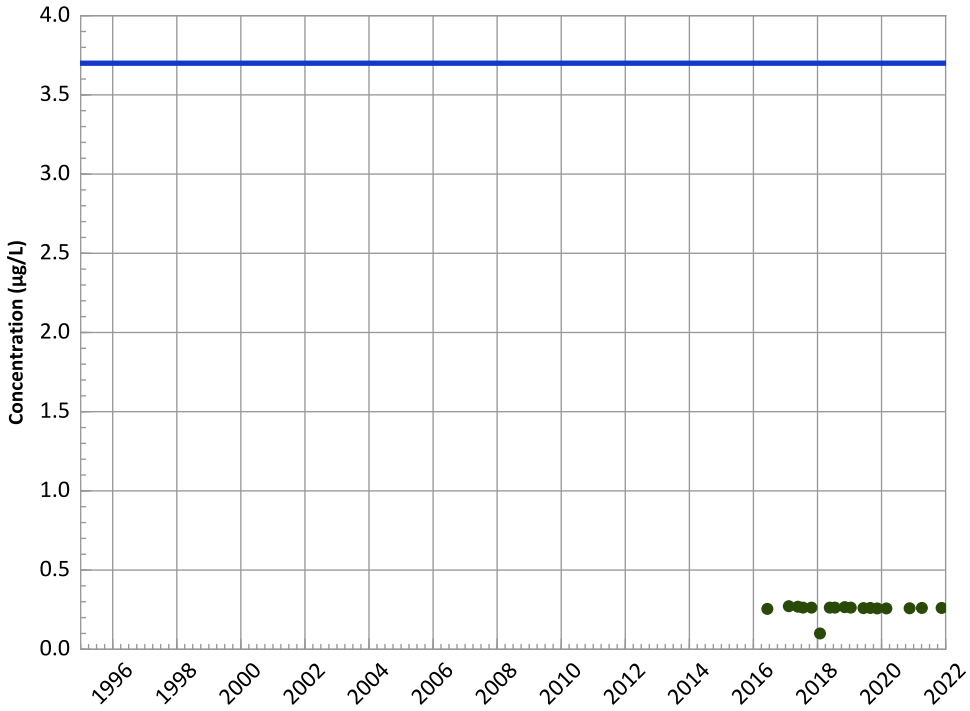
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

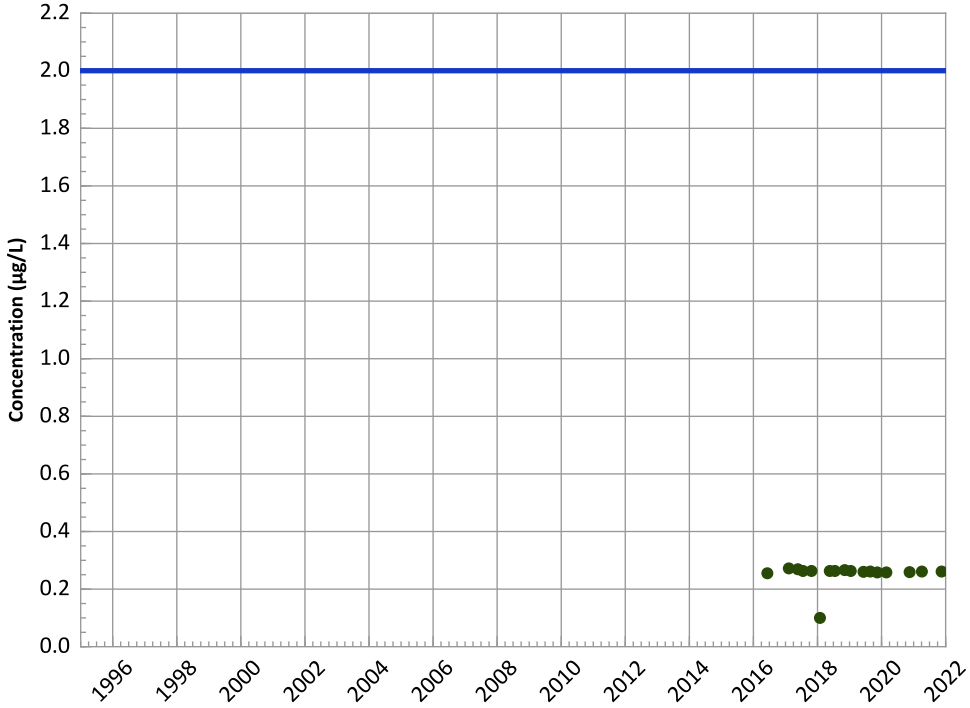


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

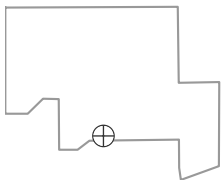
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

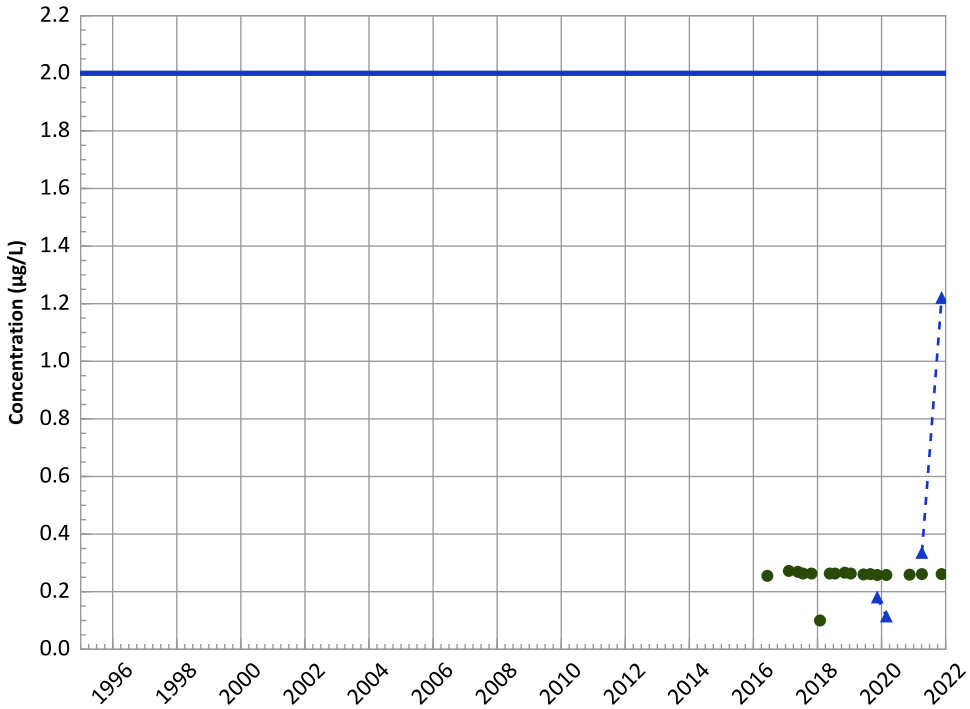
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

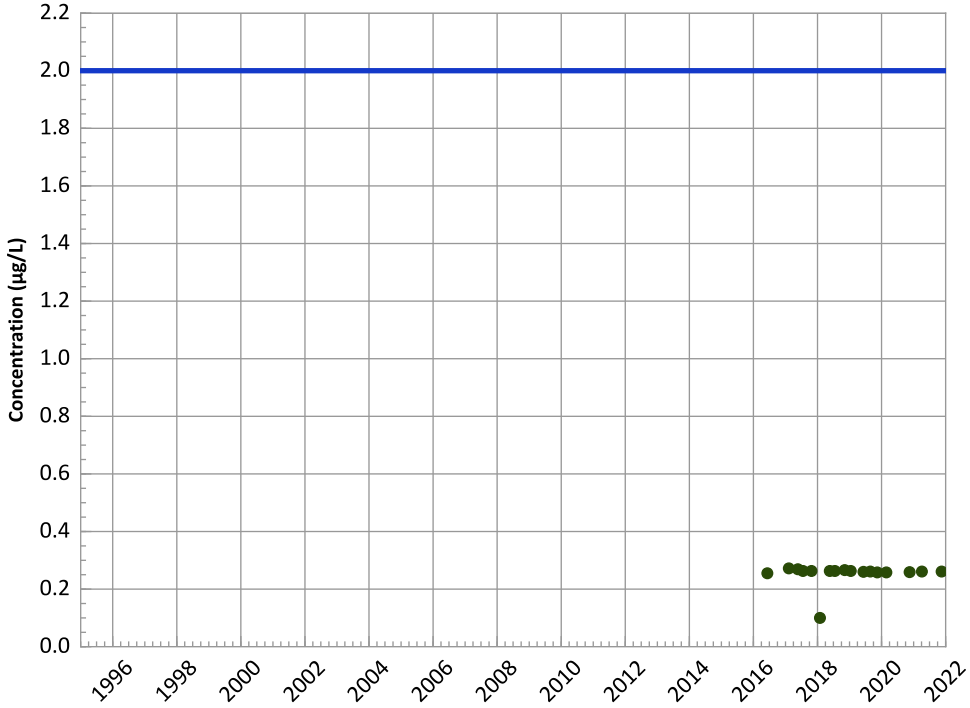


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

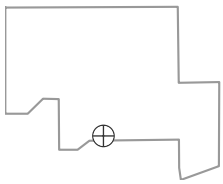
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

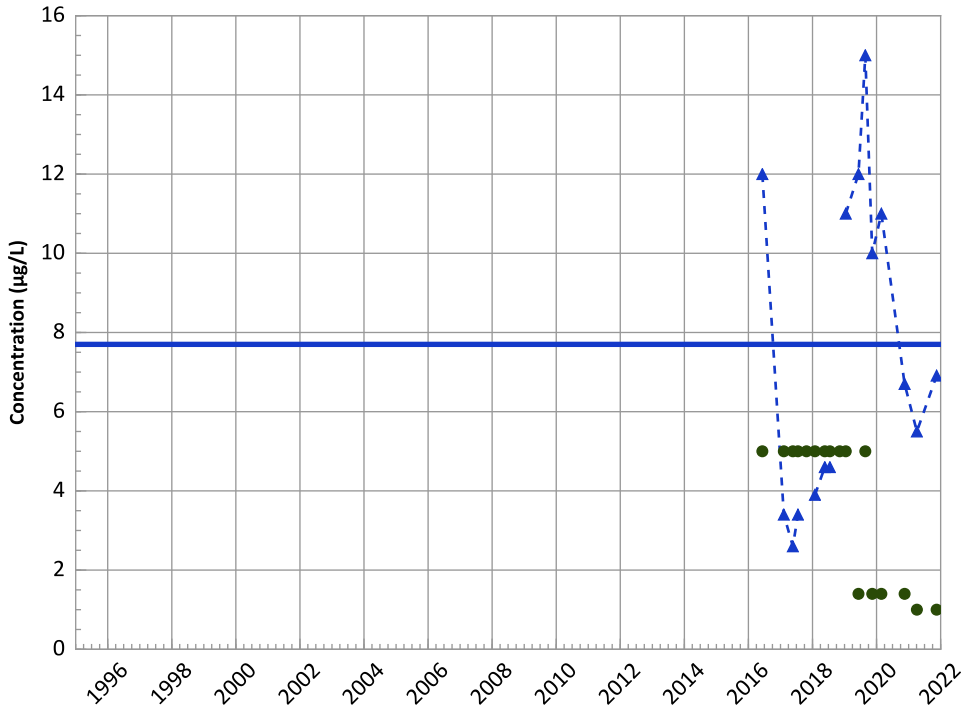
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

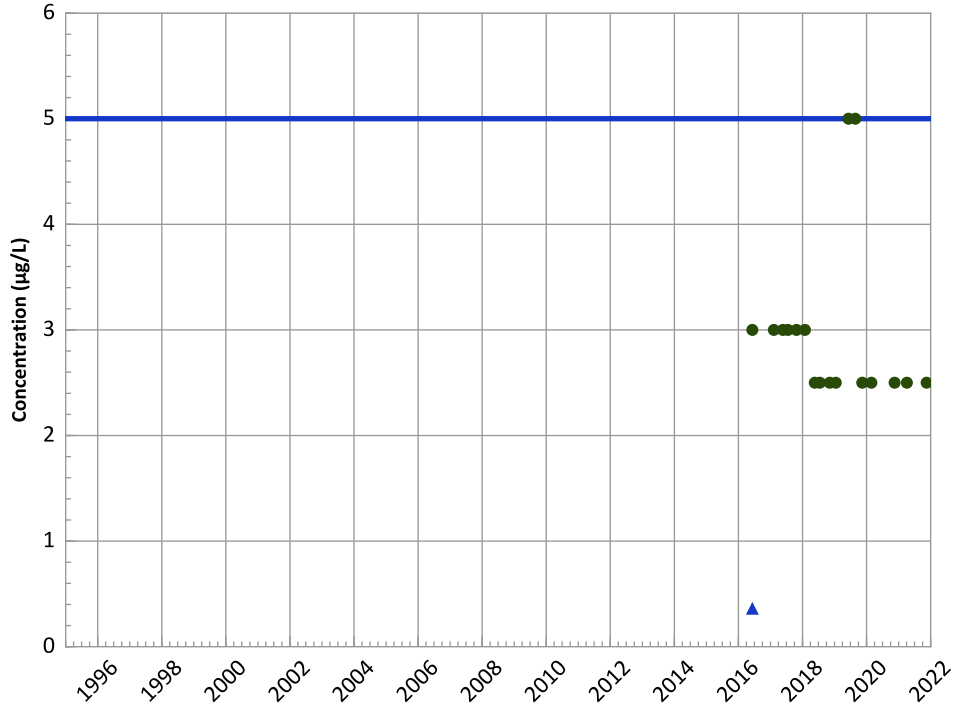


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Tetrachloroethylene (PCE) Trend

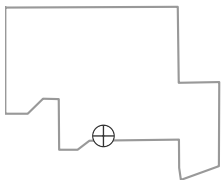


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Well Location

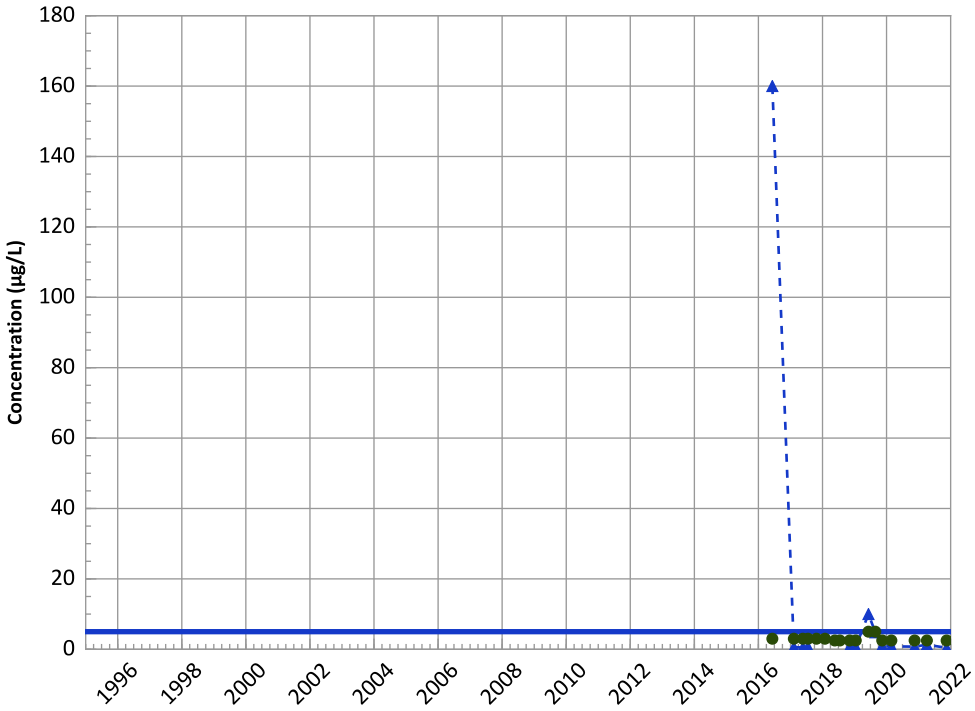


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

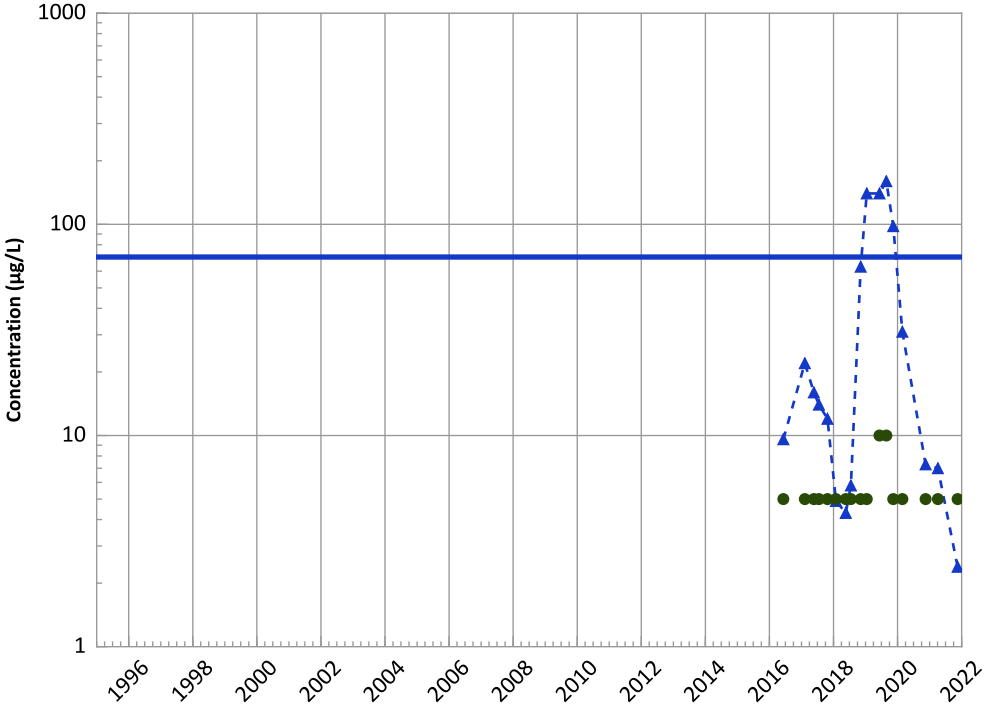


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

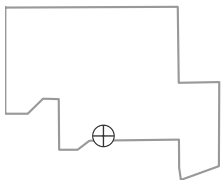
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

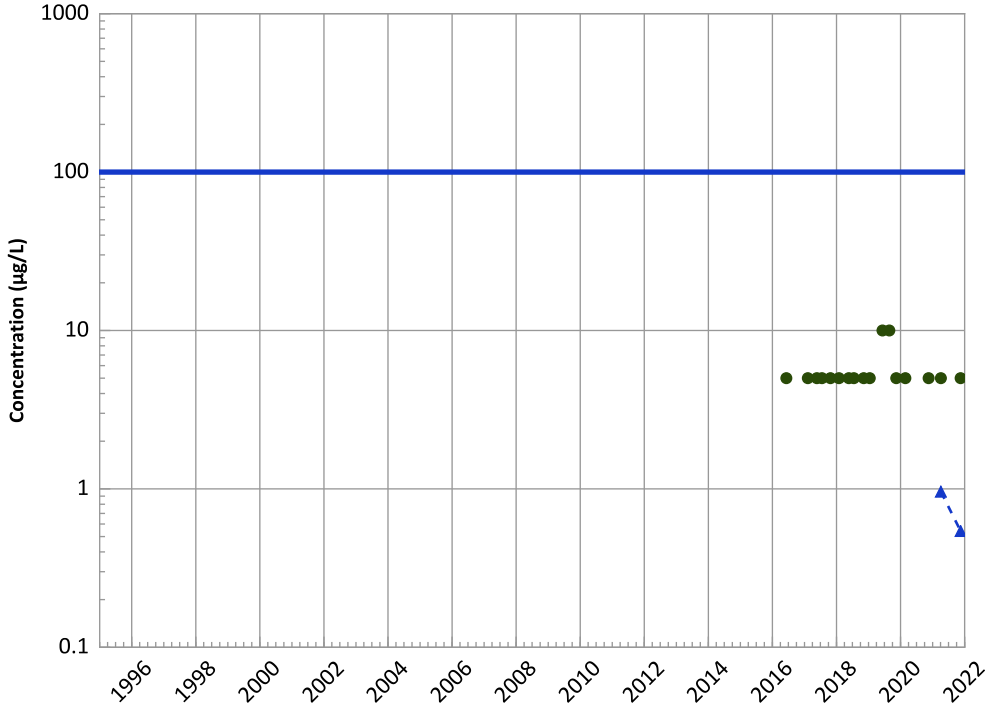
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

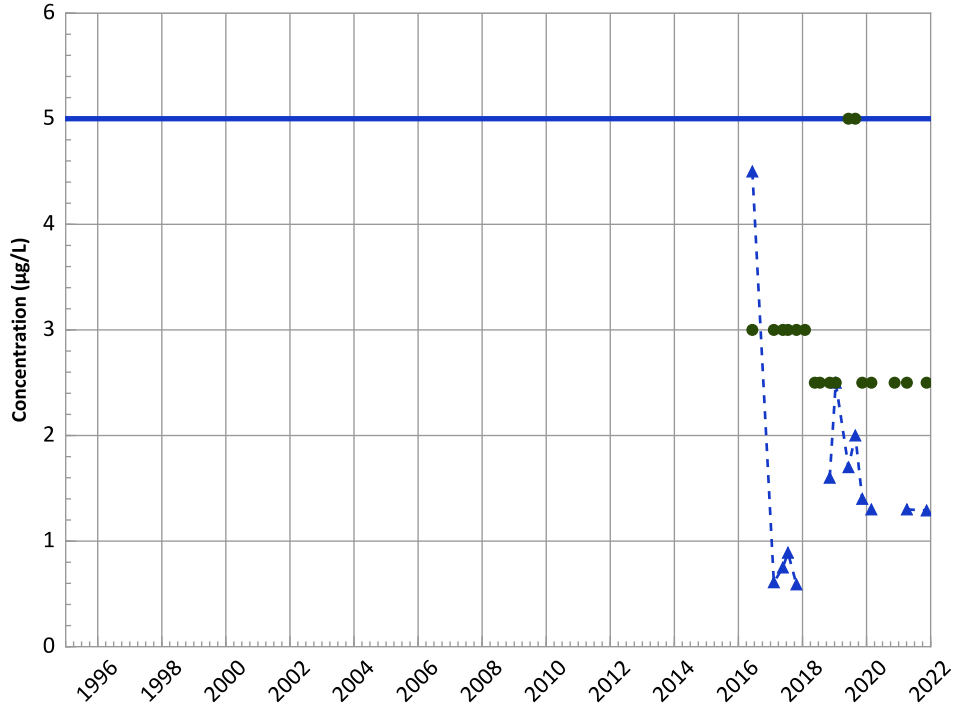


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

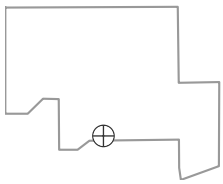
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

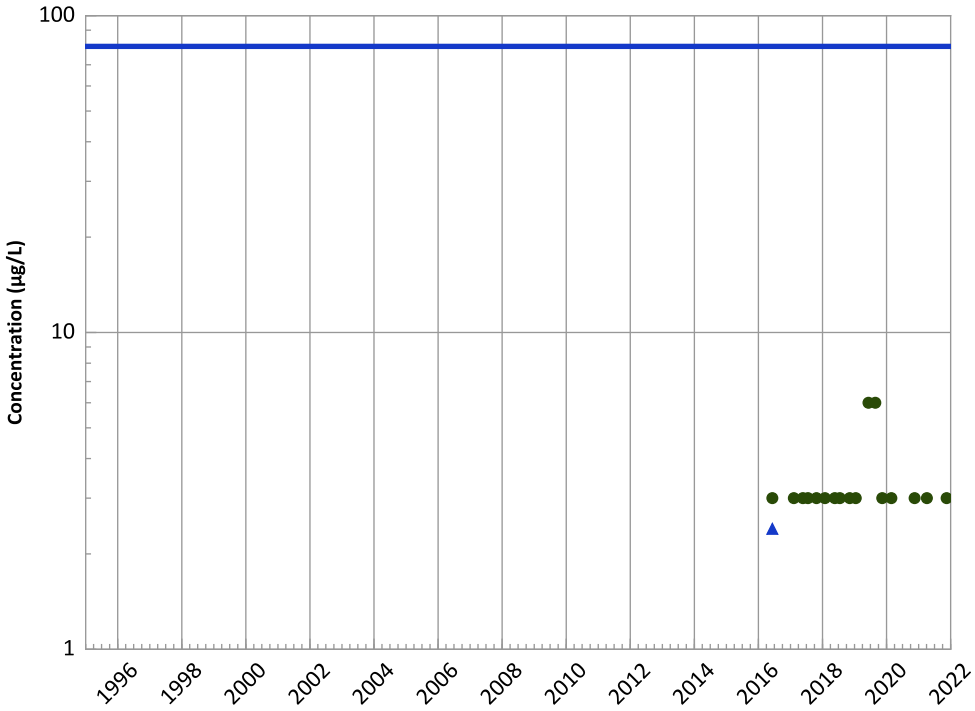
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

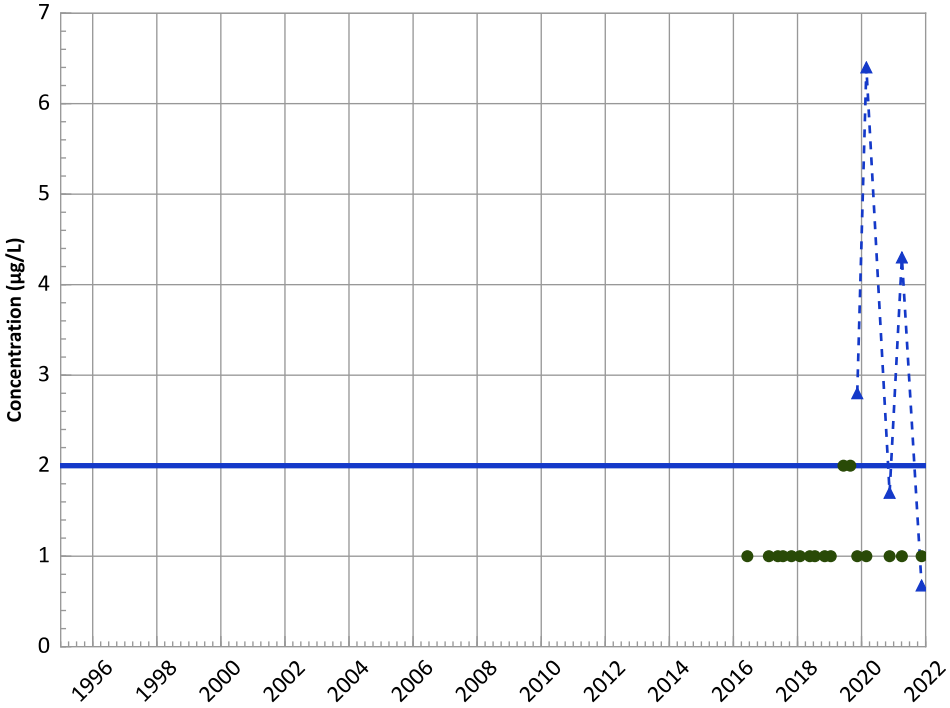


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

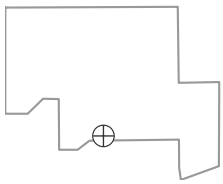
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

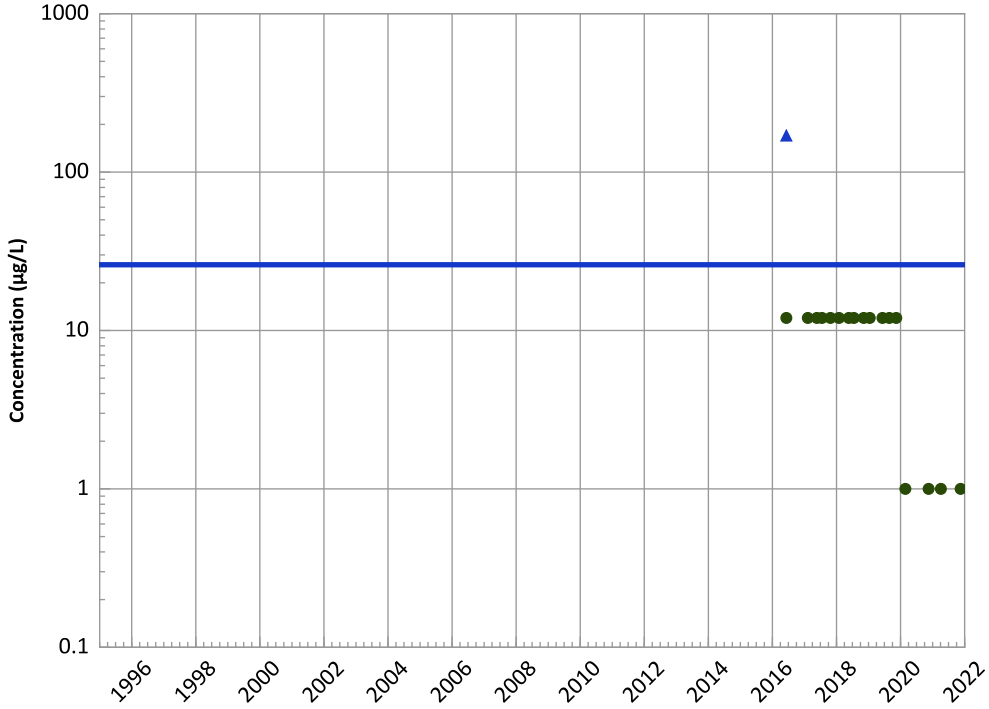
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

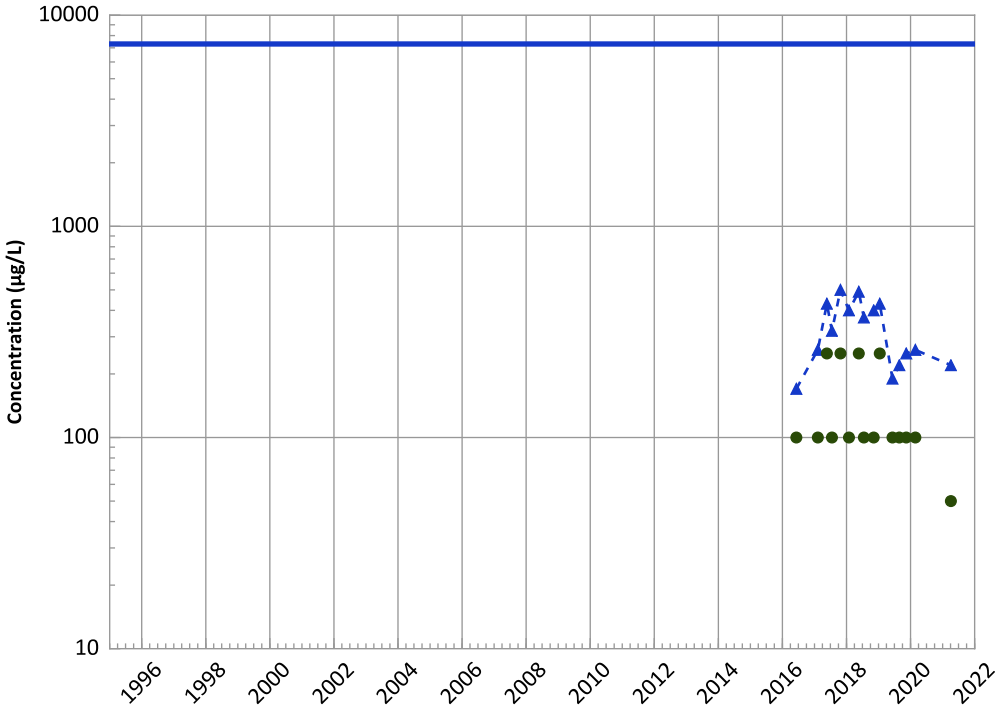


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Boron Trend



Concentration Trend

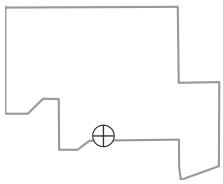
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

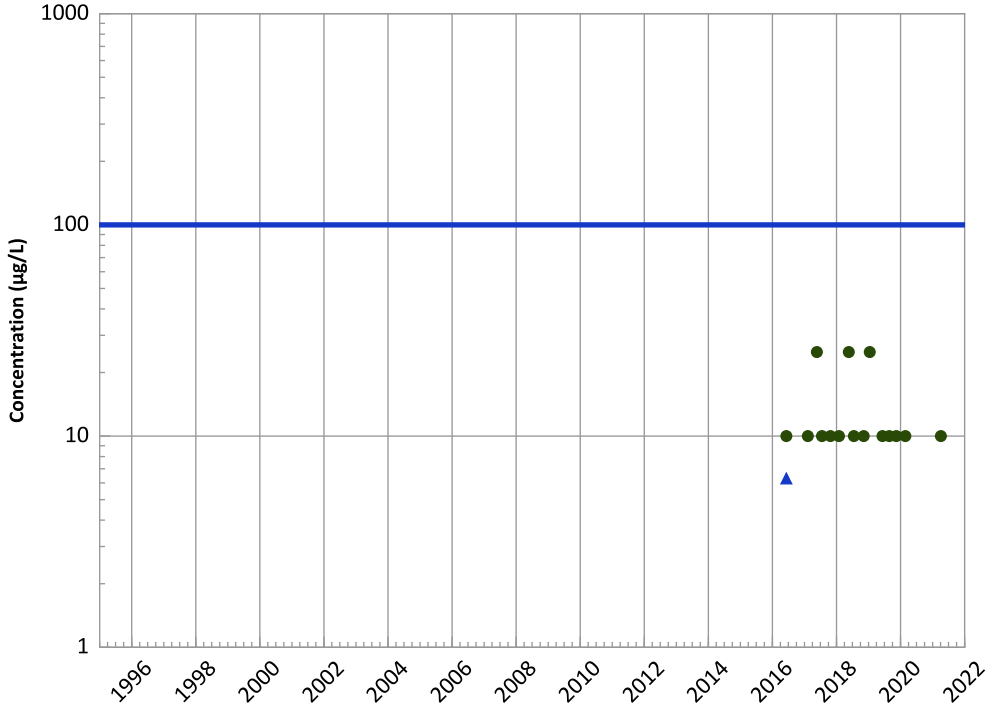
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

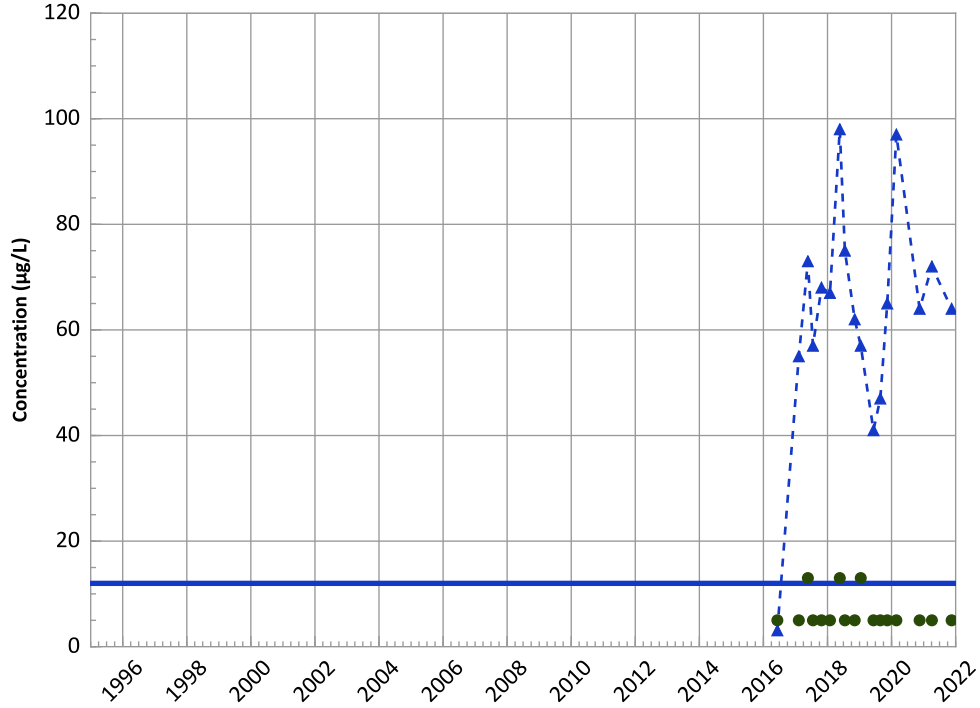


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

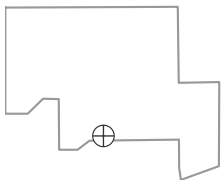
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

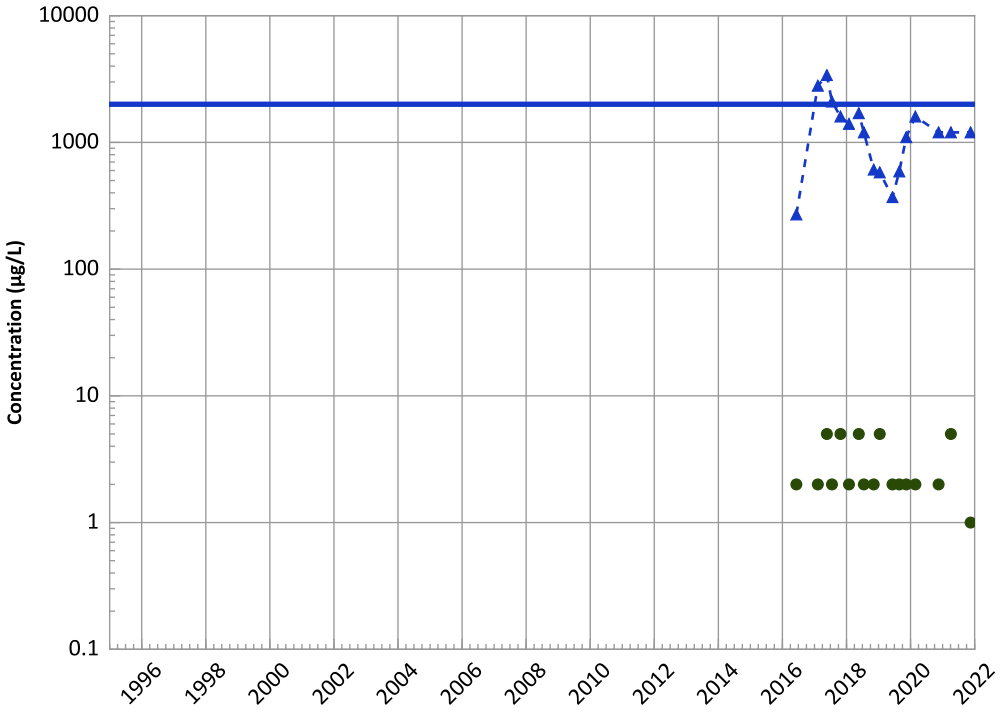
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

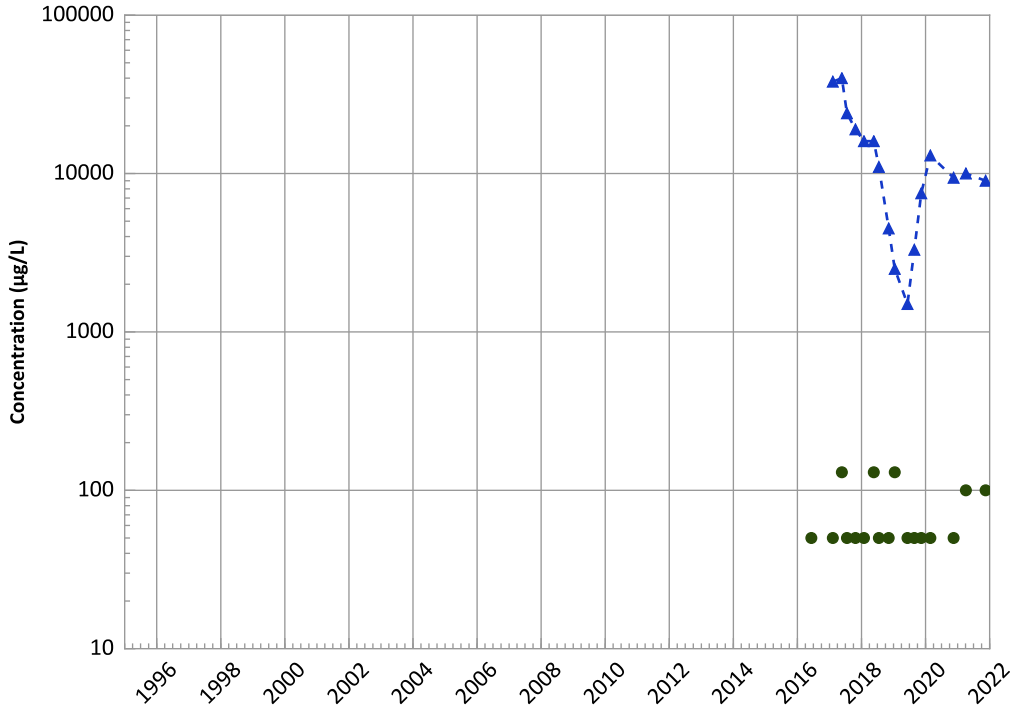


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

Iron Trend



Concentration Trend

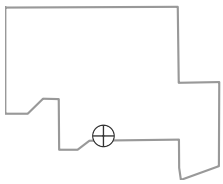
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

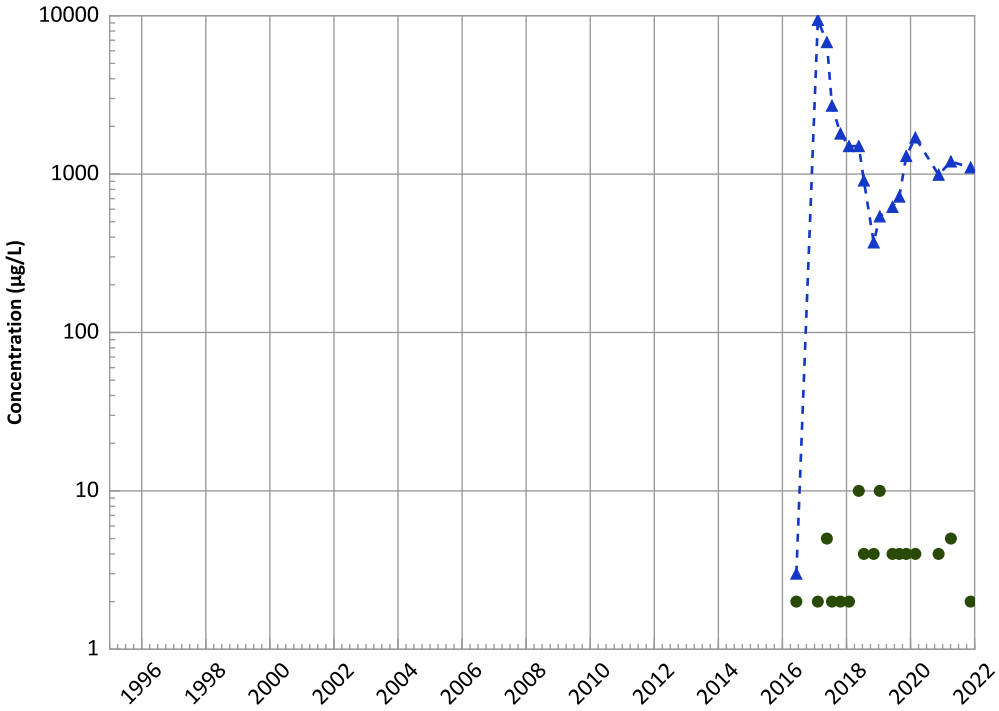
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

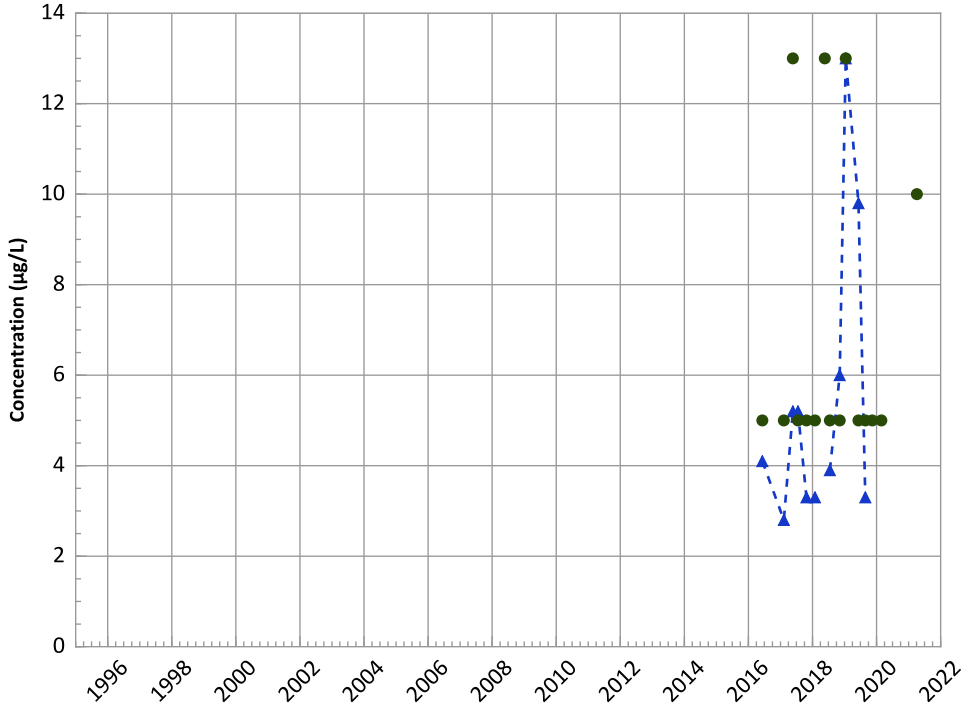


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

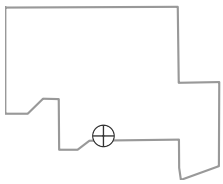
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

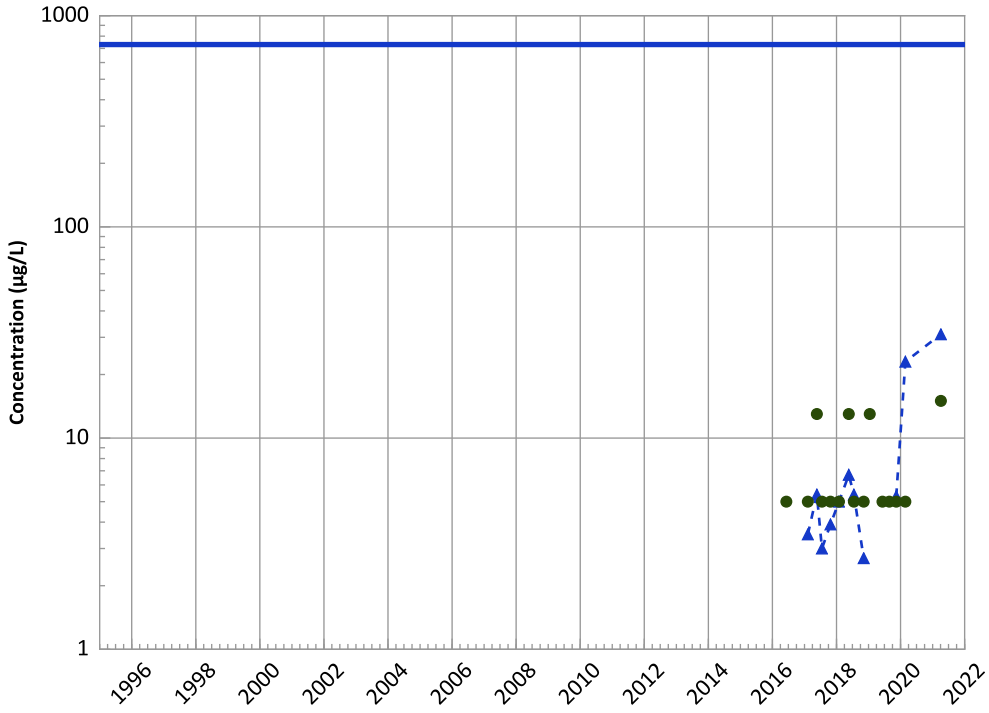
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

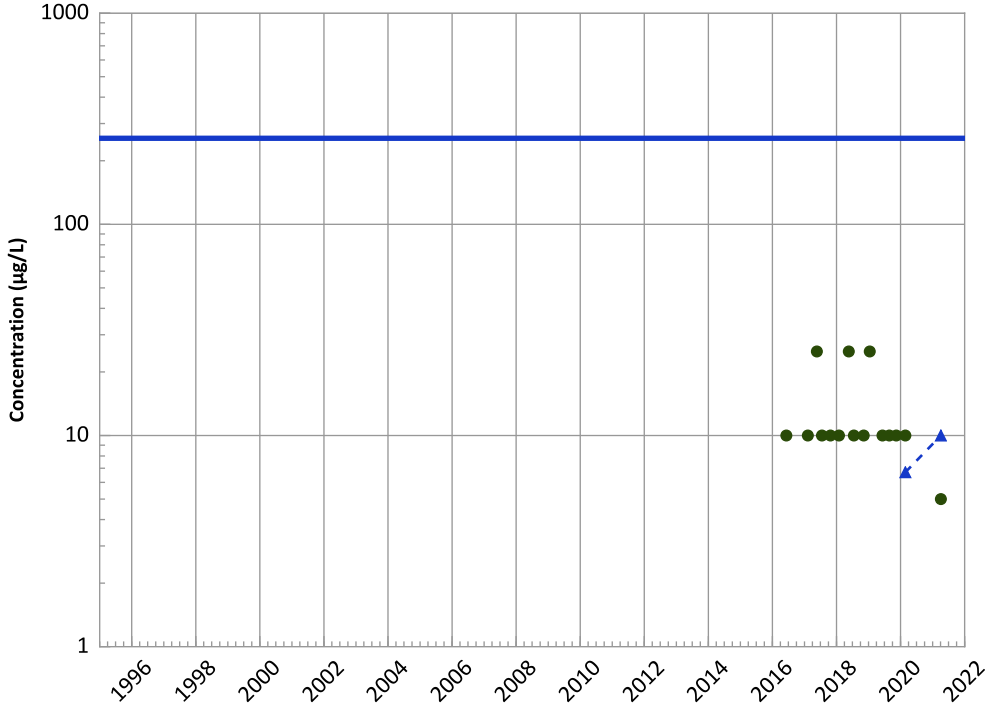


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Vanadium Trend



Concentration Trend

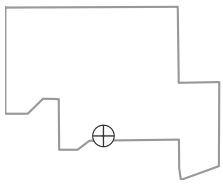
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

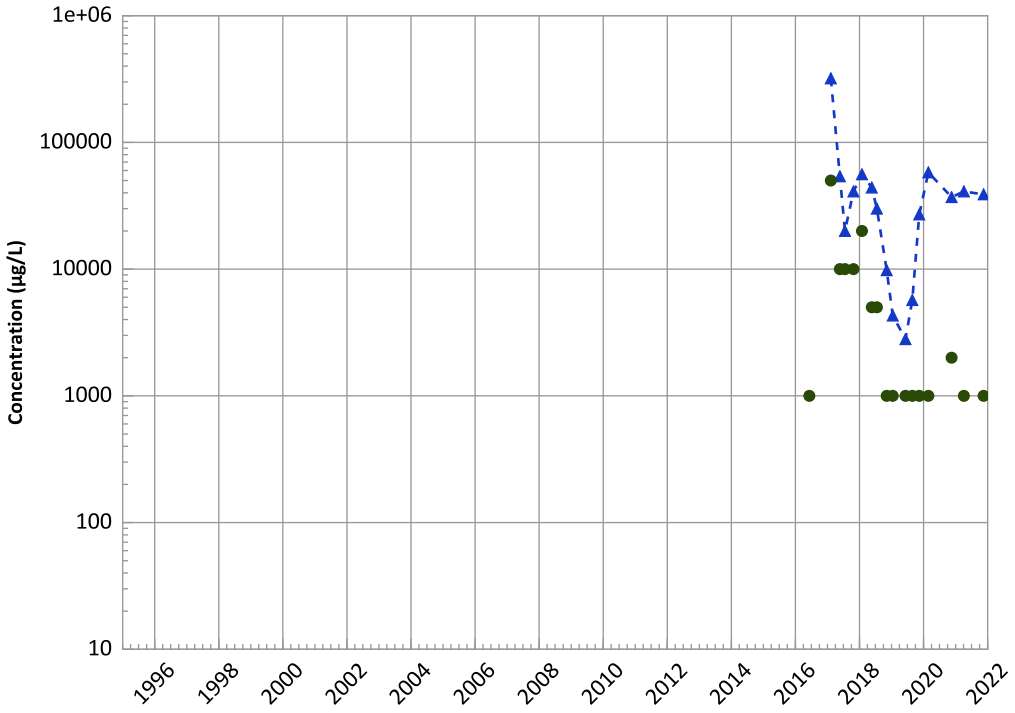
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1174 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

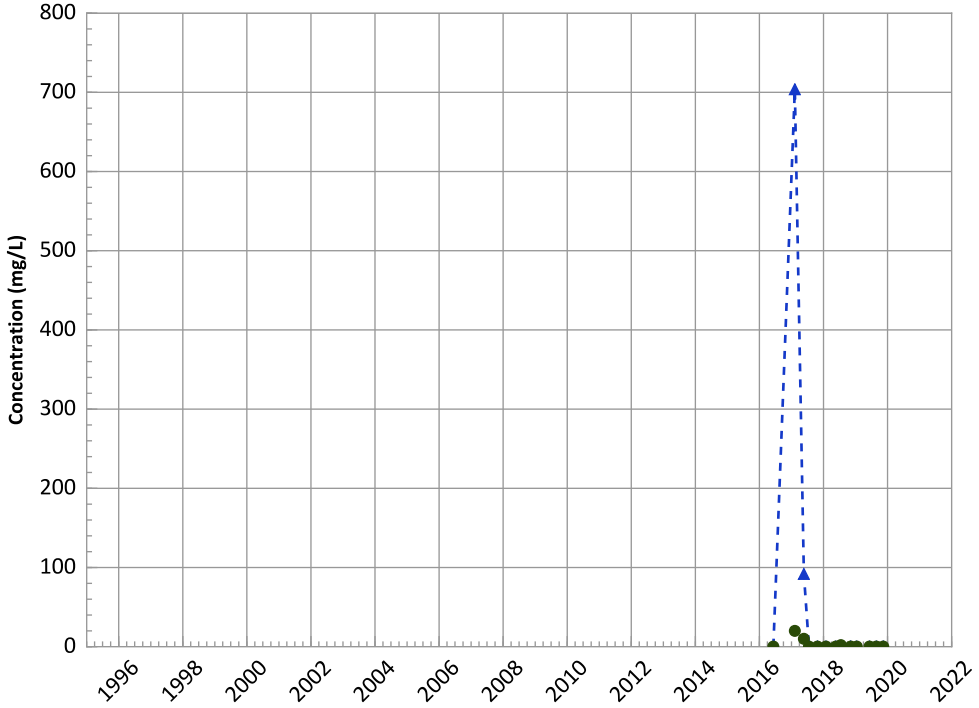


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Total Volatile Fatty Acids Trend



Concentration Trend

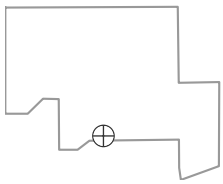
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

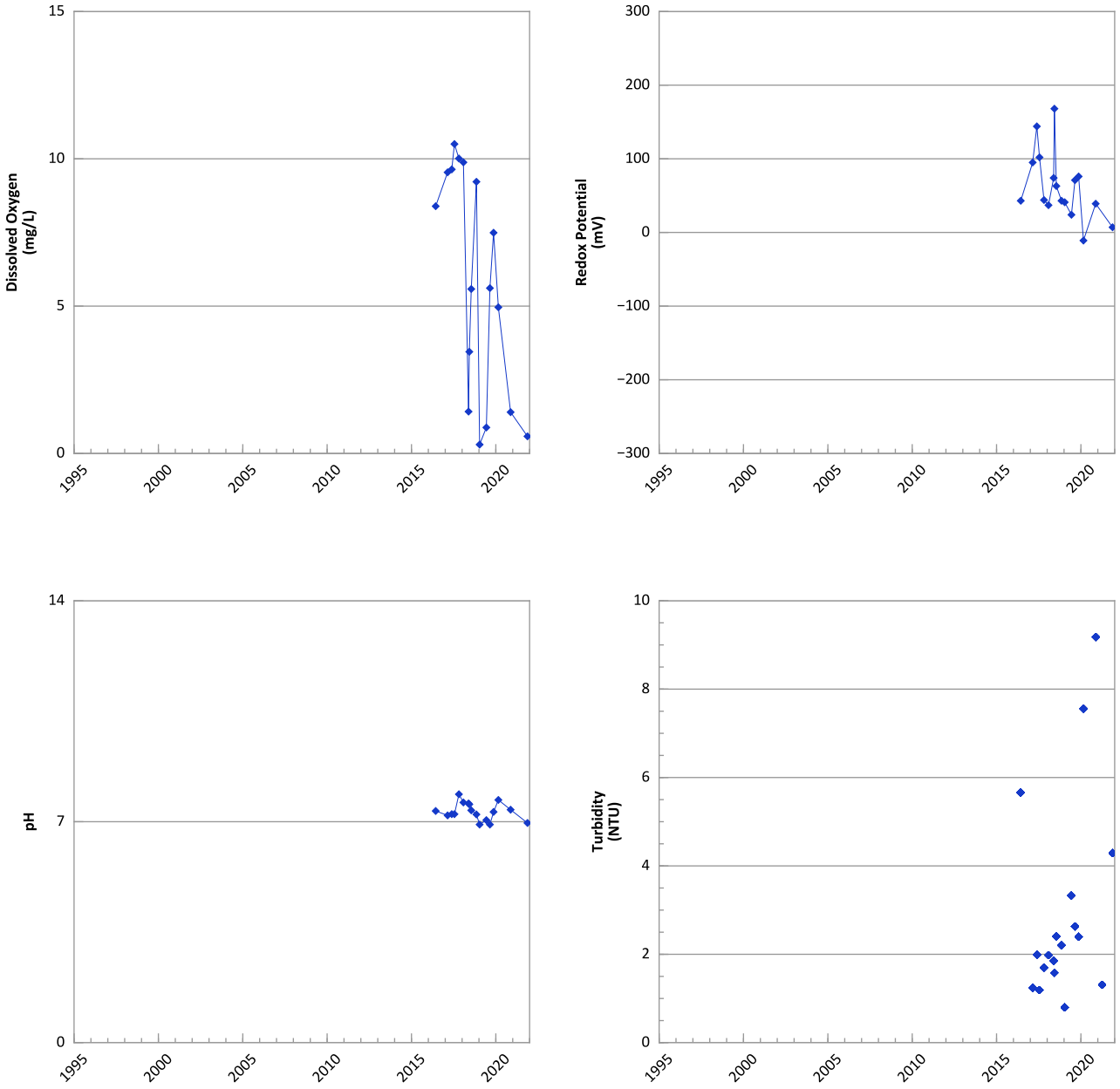
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

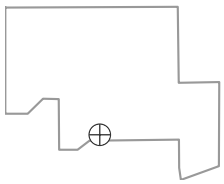
Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters

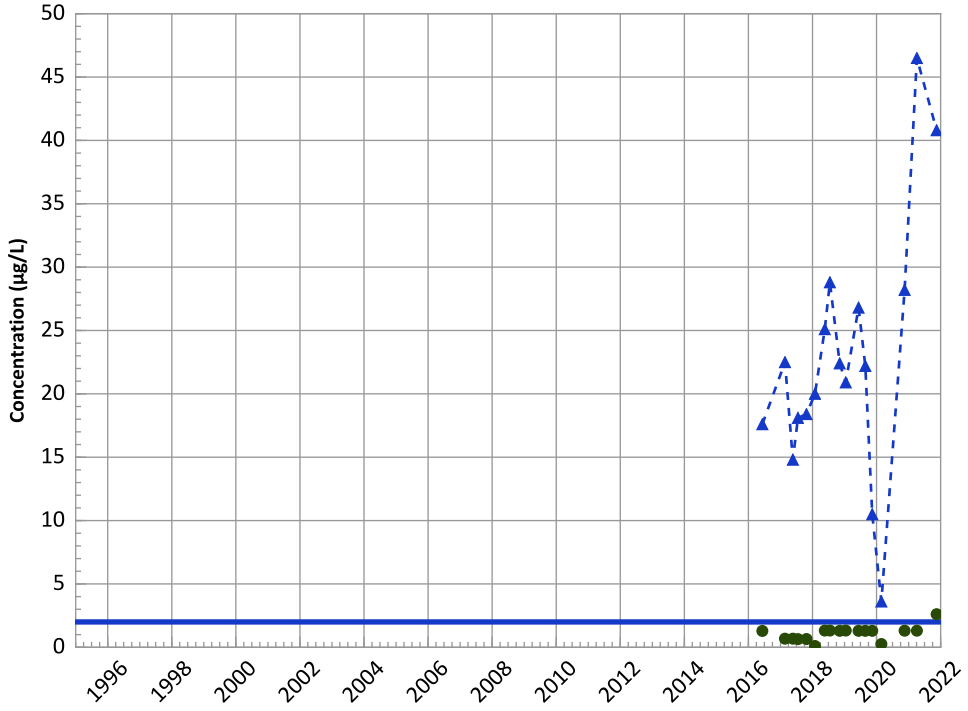


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

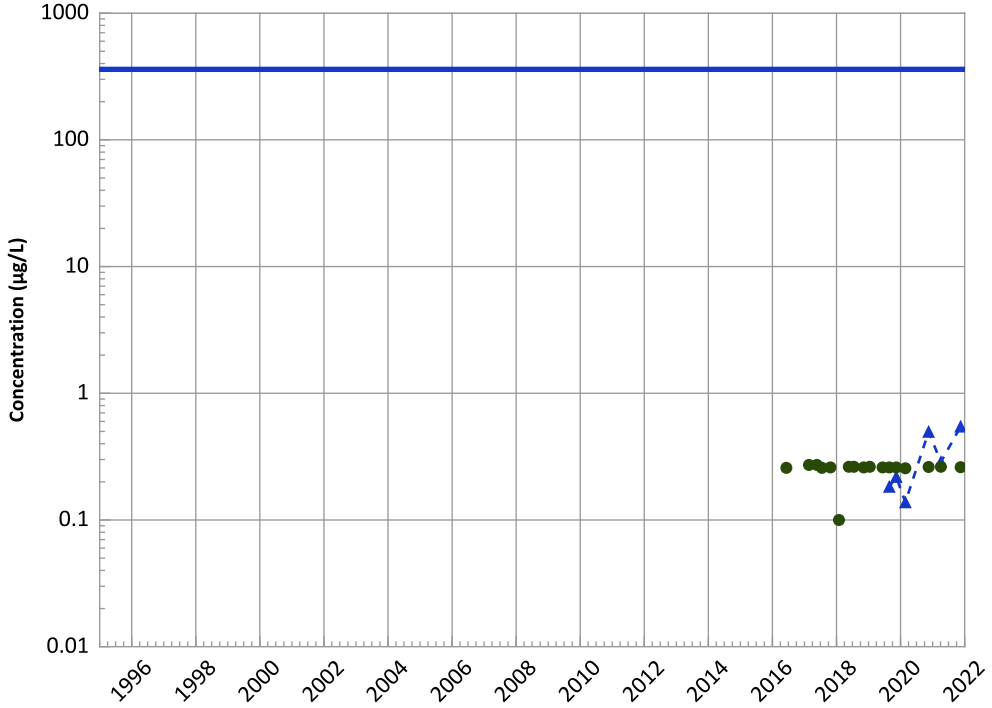


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

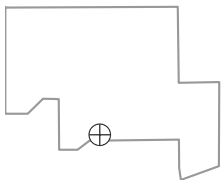
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

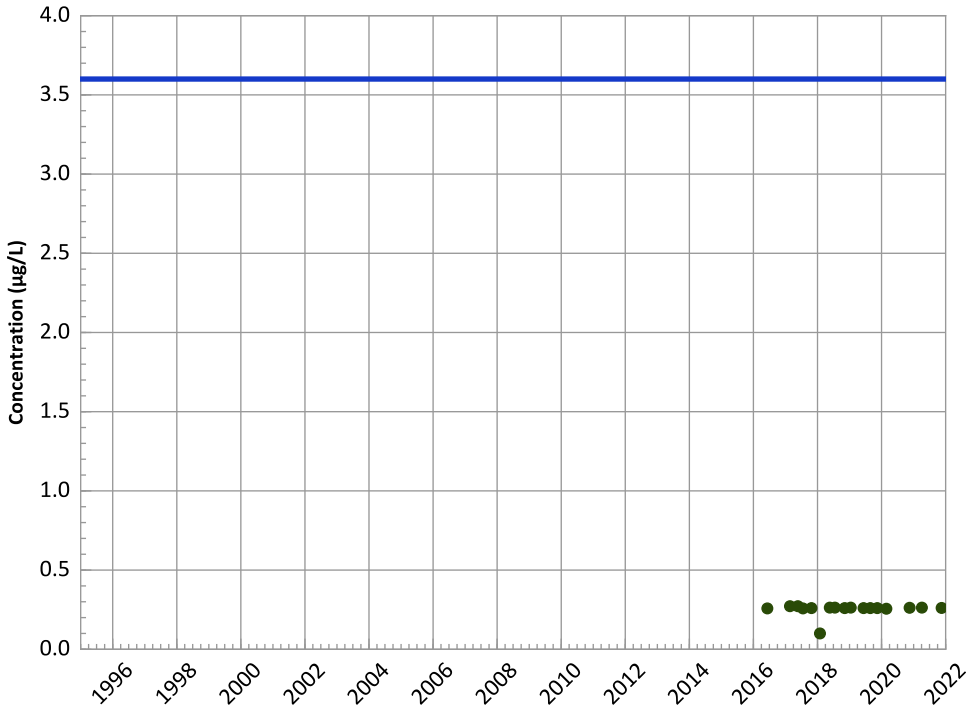
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

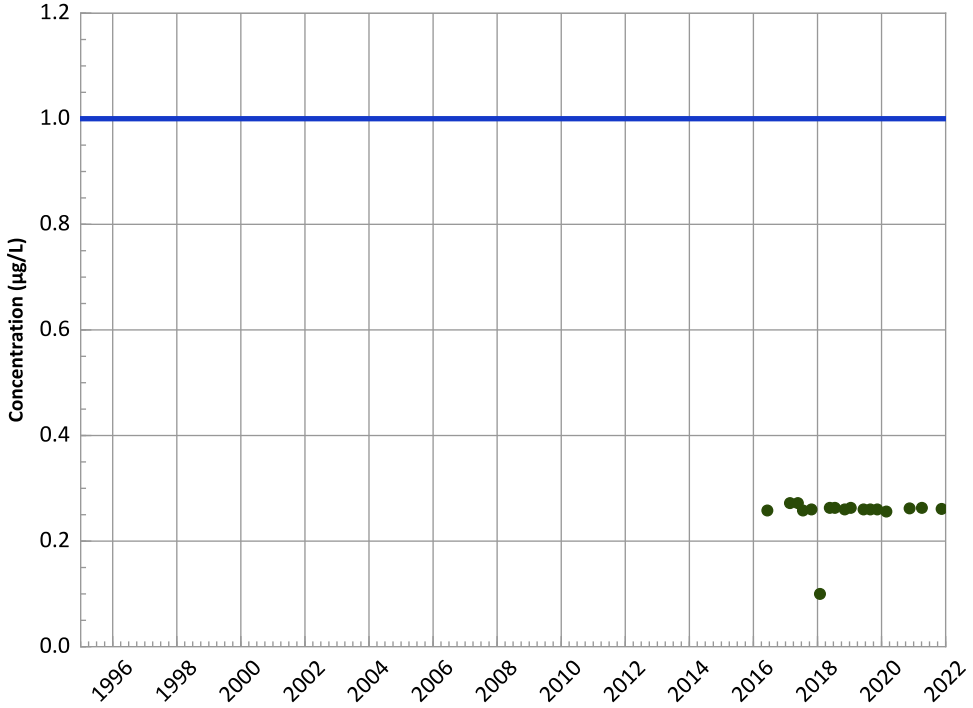


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

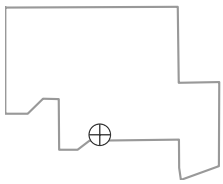
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

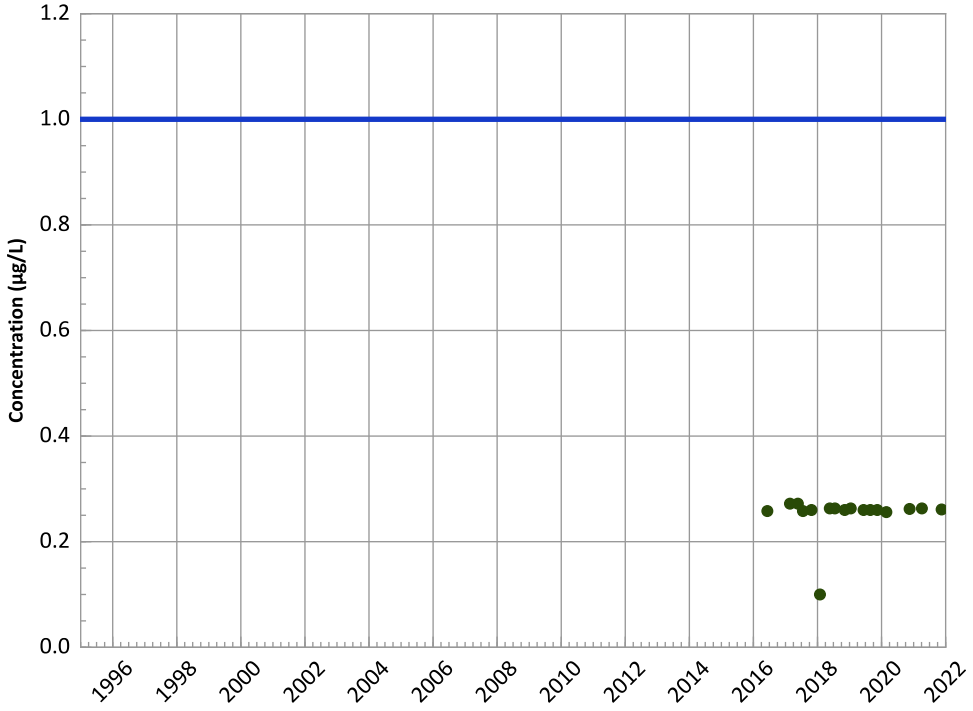
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

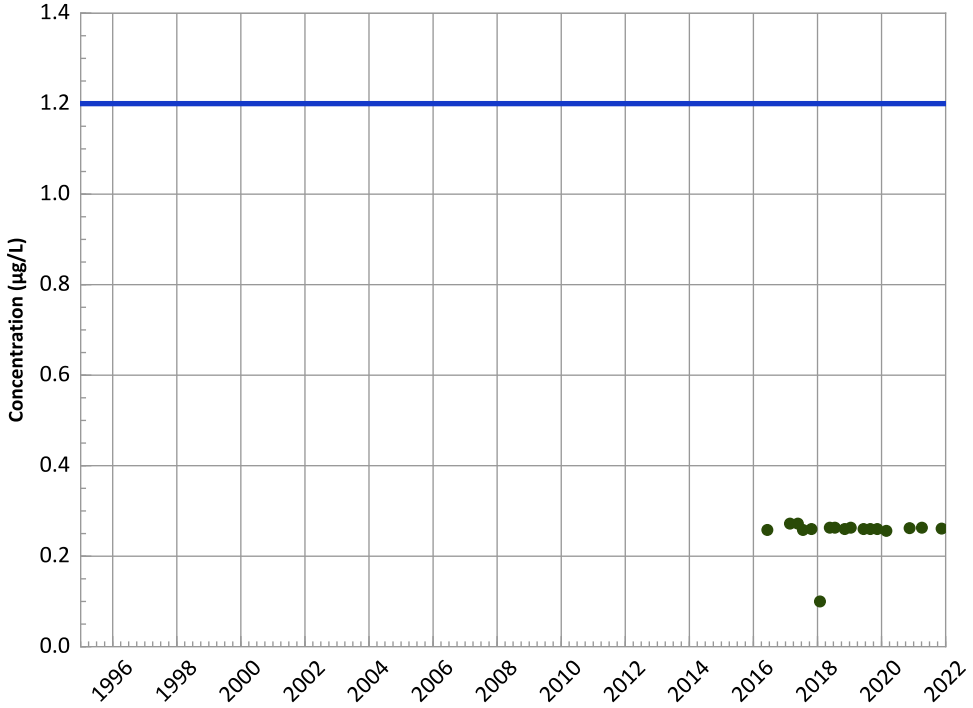


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

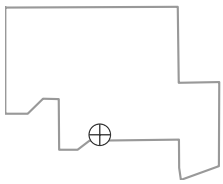


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

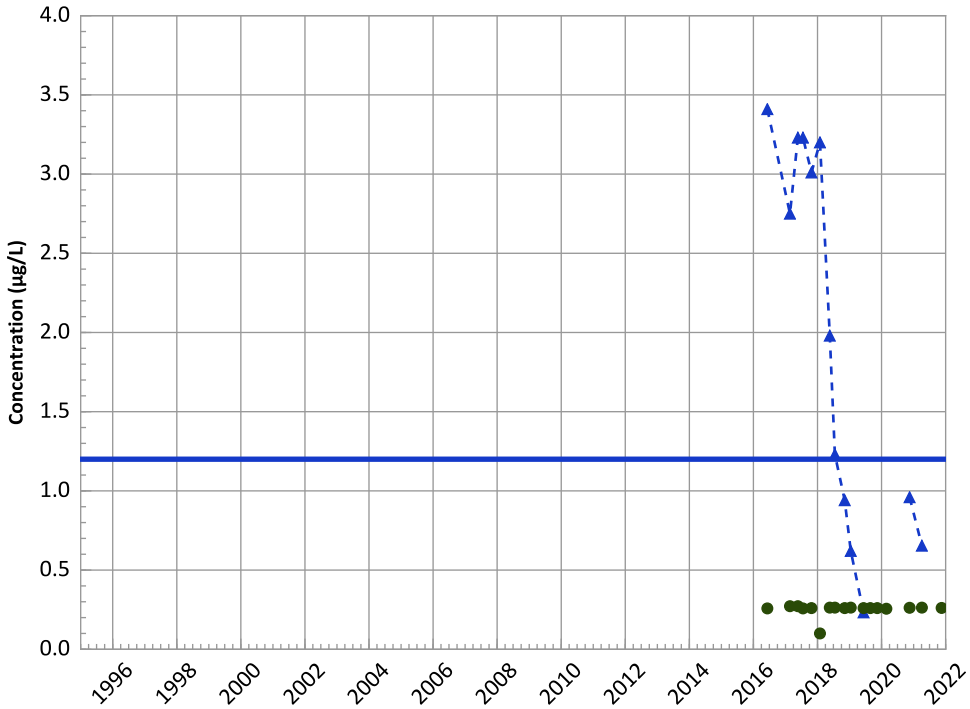


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

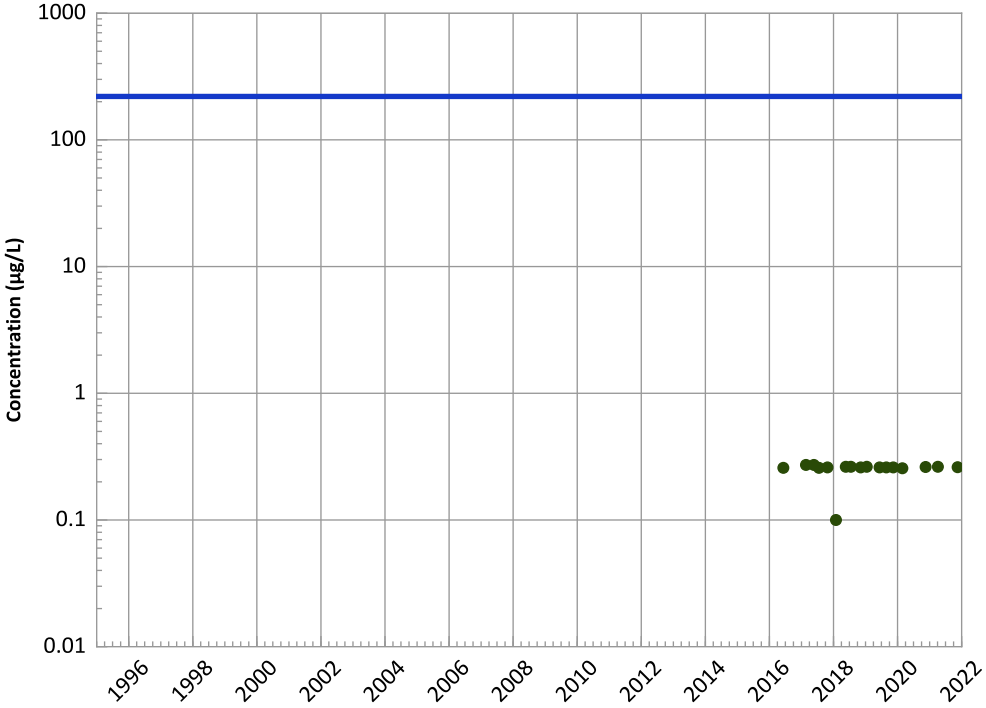


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

1,3,5-Trinitrobenzene Trend



Concentration Trend

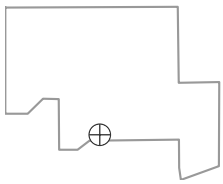
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

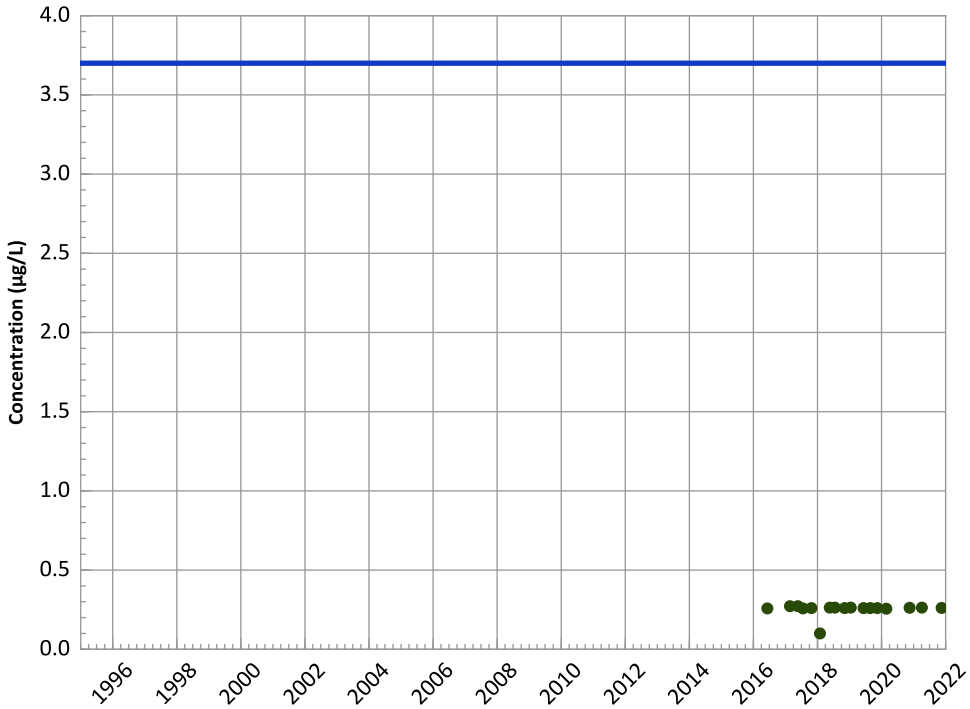
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

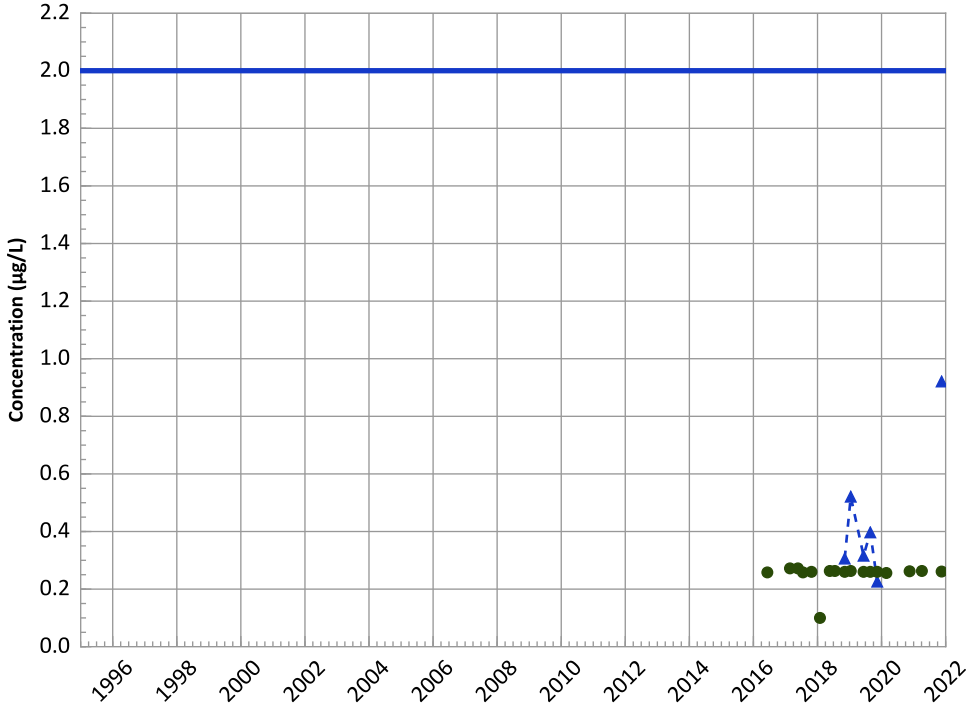


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

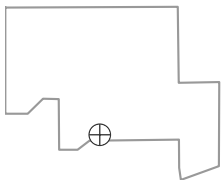
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

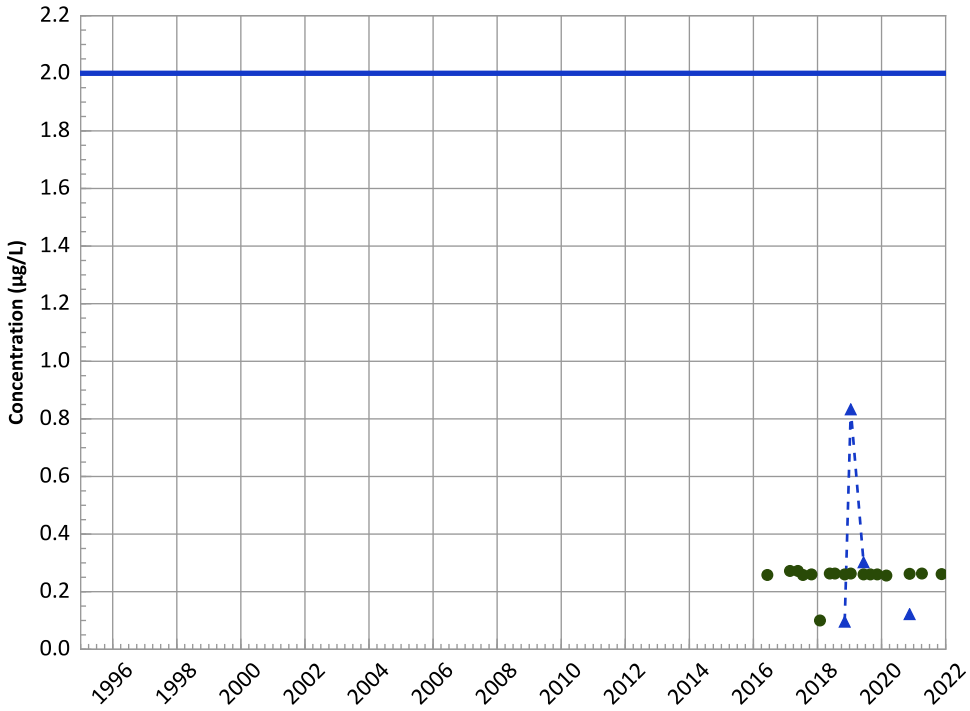
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

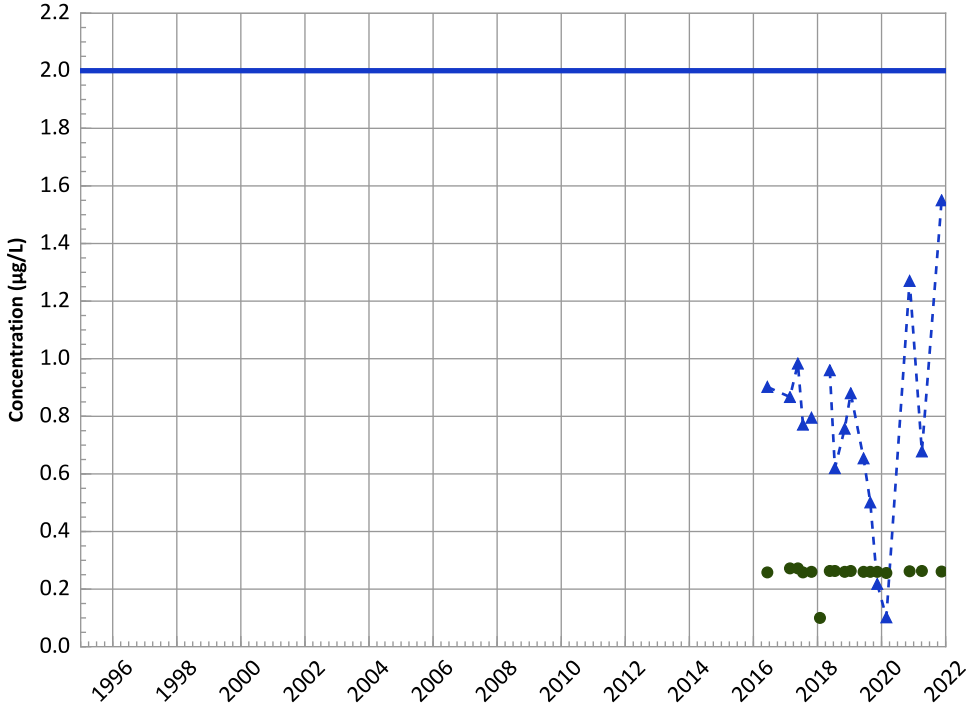


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

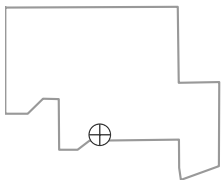
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

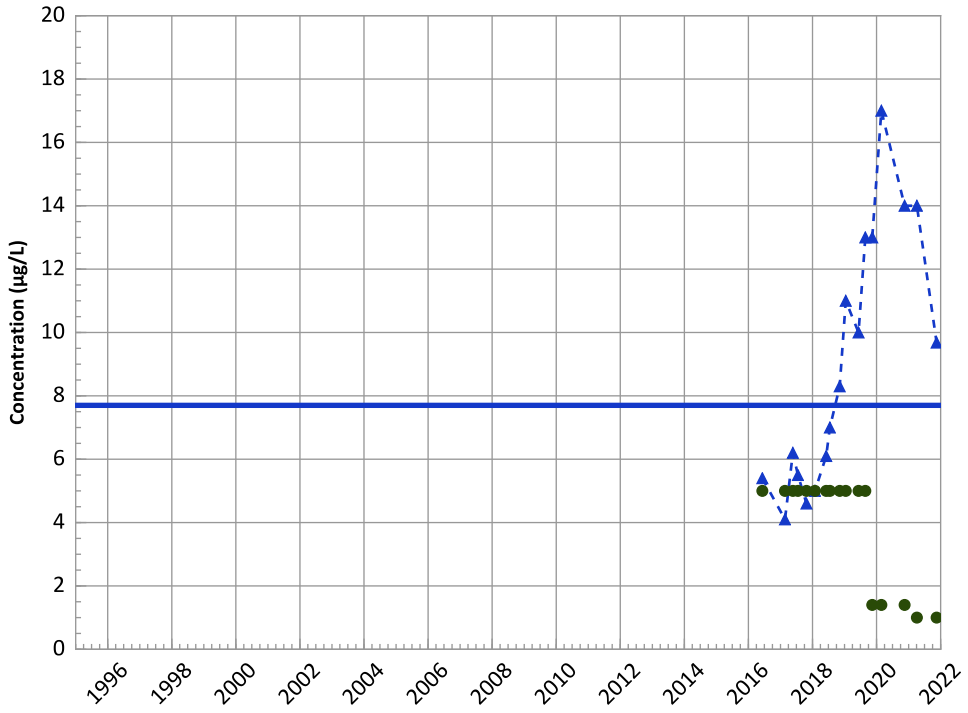
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,4-Dioxane (p-Dioxane) Trend

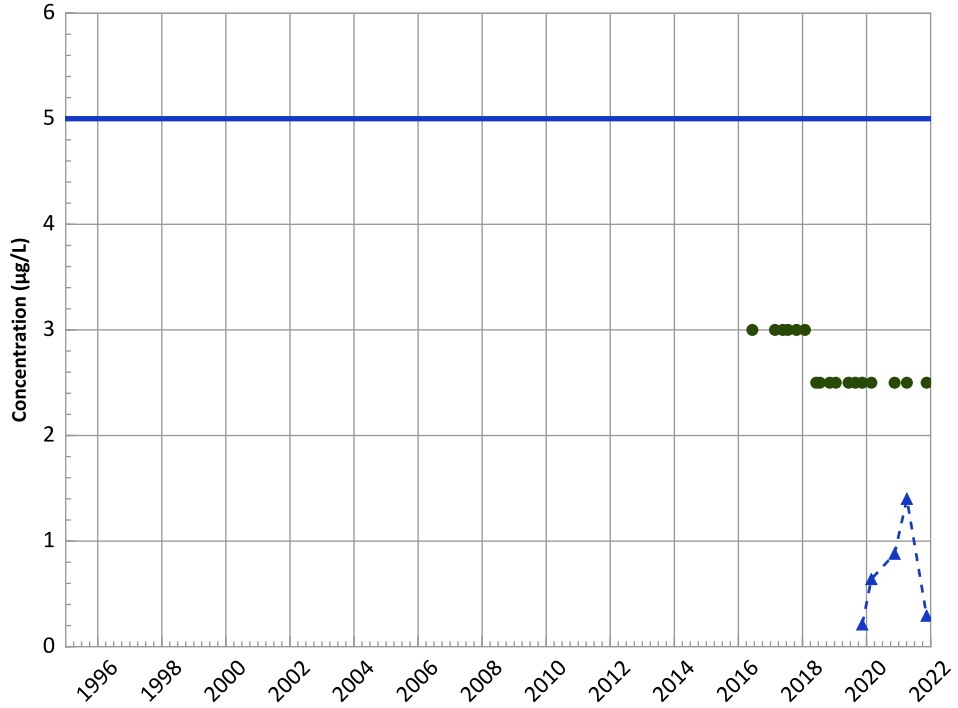


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Tetrachloroethylene (PCE) Trend



Concentration Trend

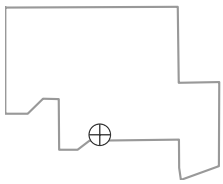
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

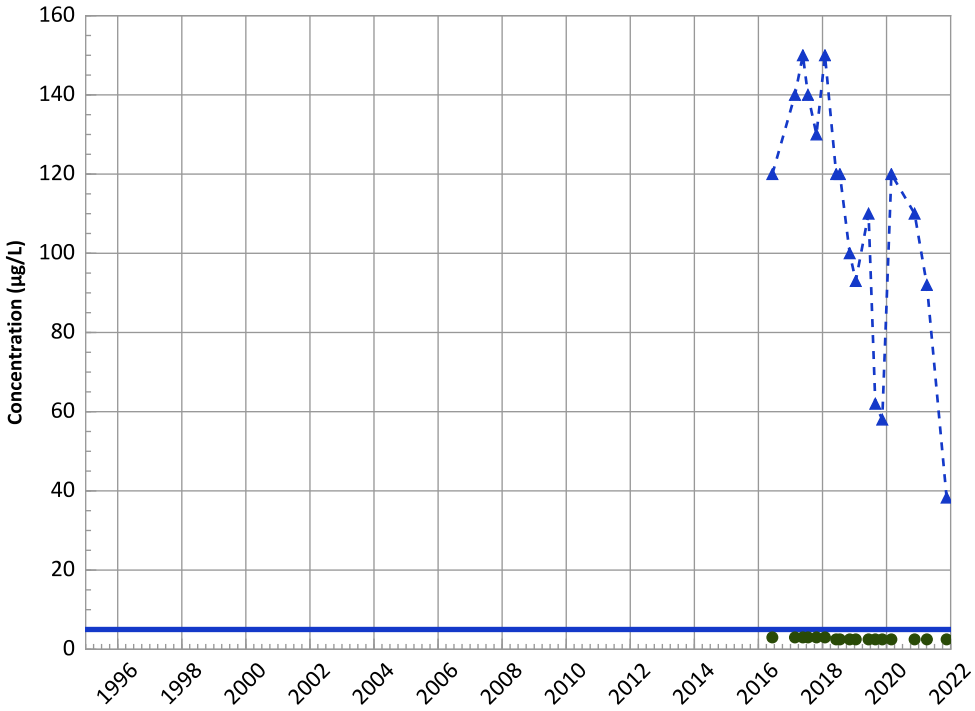
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

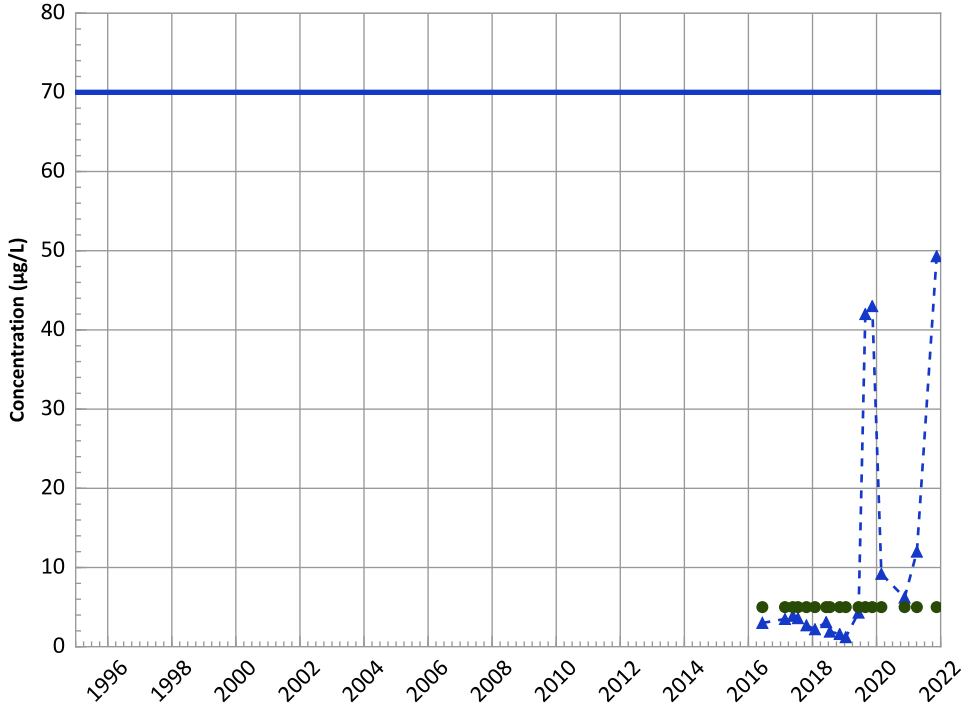


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

cis-1,2-Dichloroethene Trend



Concentration Trend

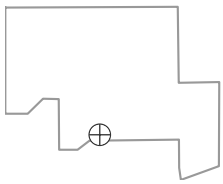
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

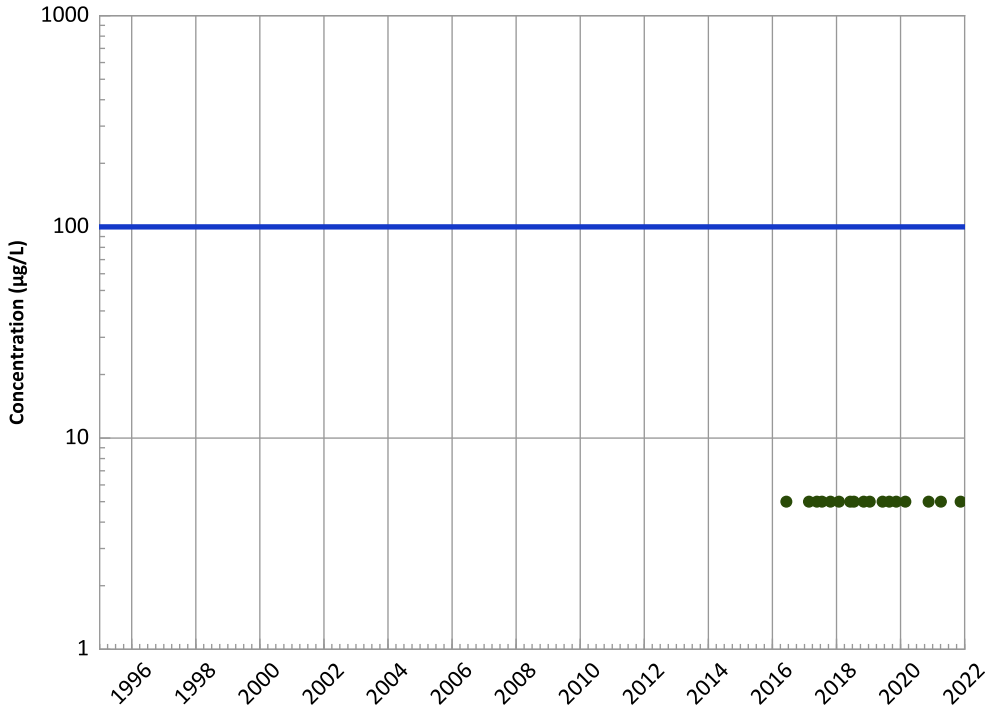
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

trans-1,2-Dichloroethene Trend

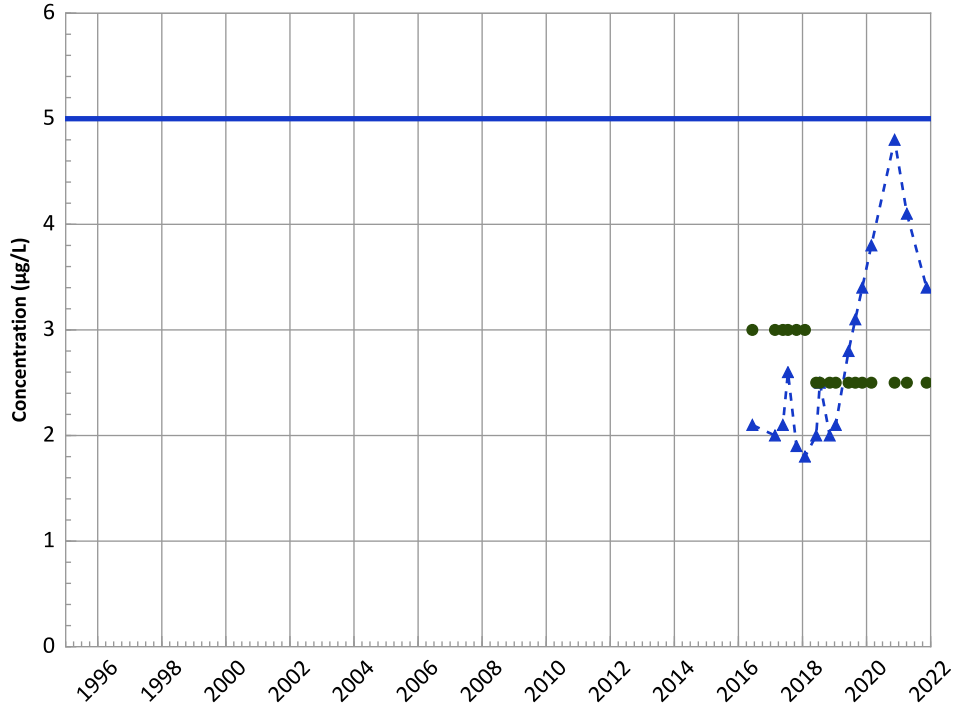


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

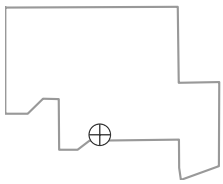


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Well Location

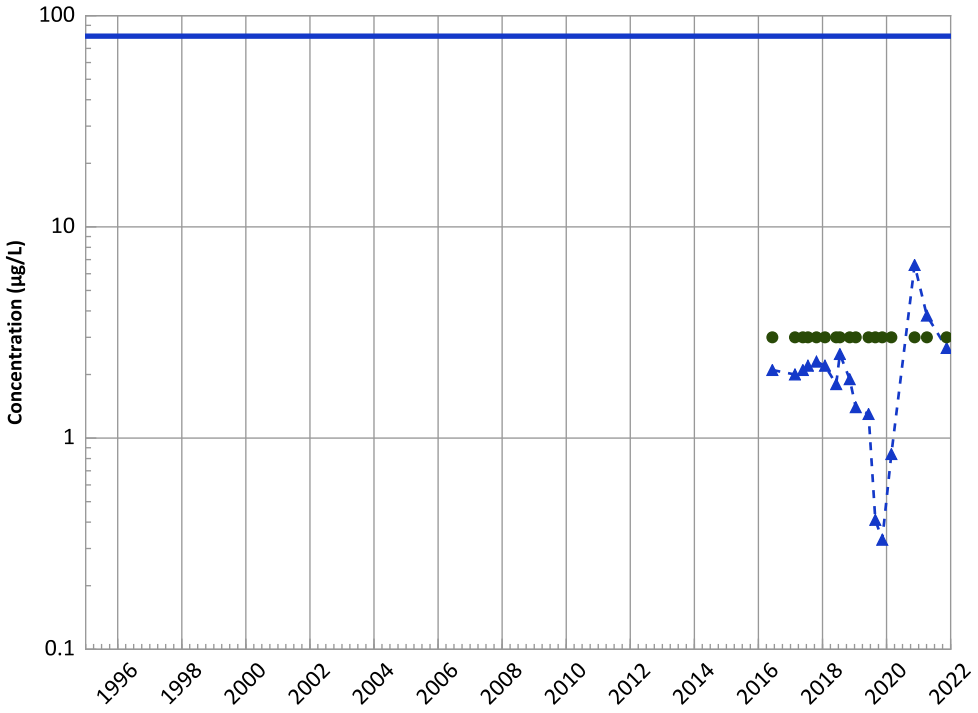


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

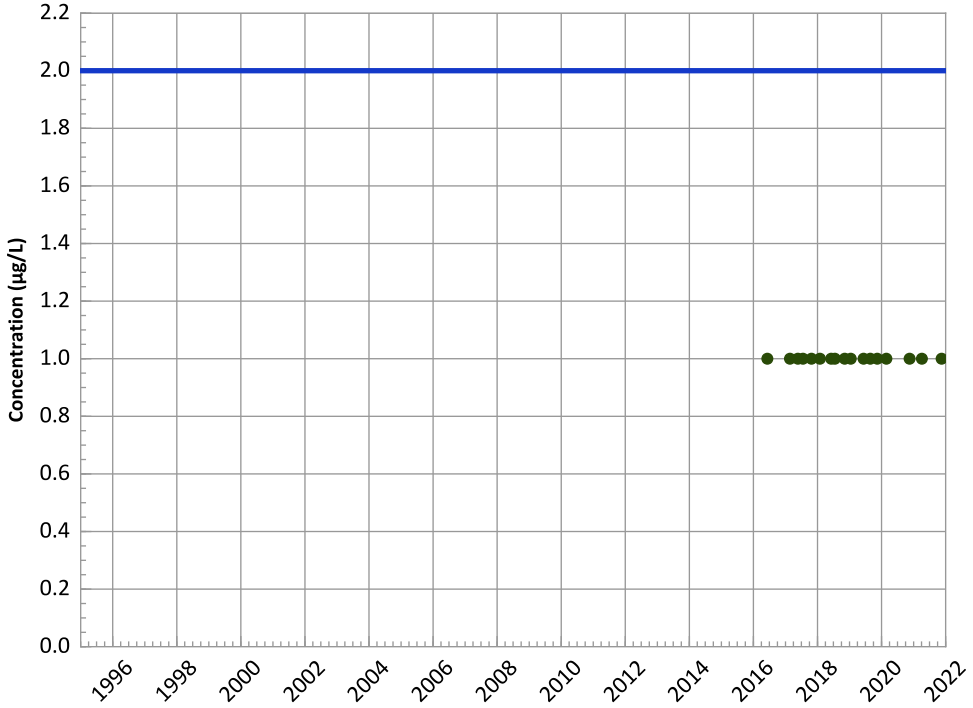


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

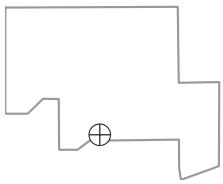
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

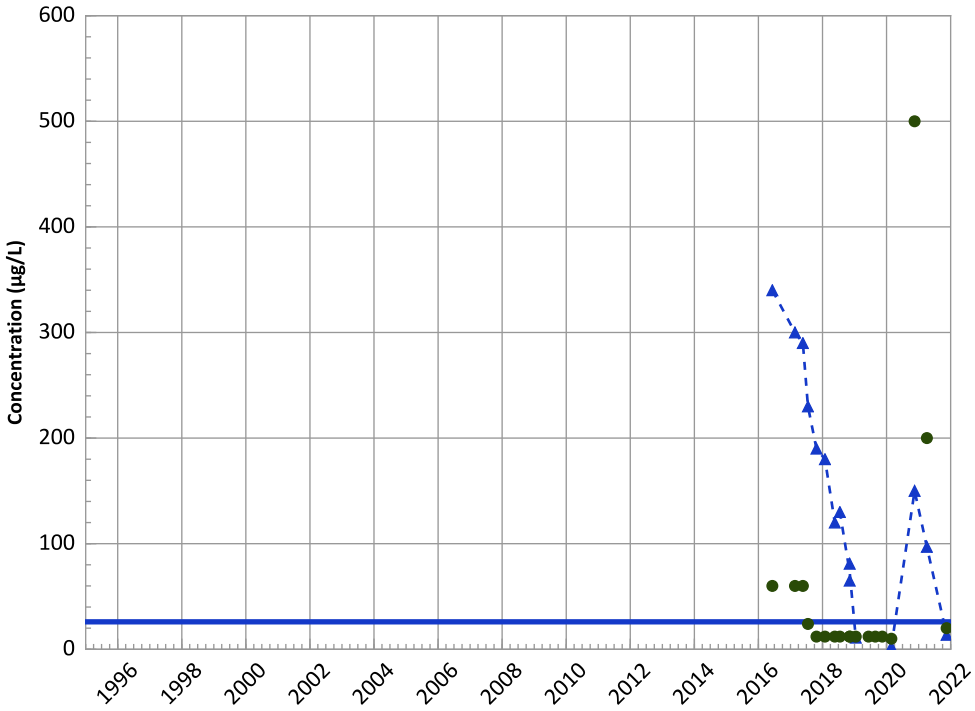
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

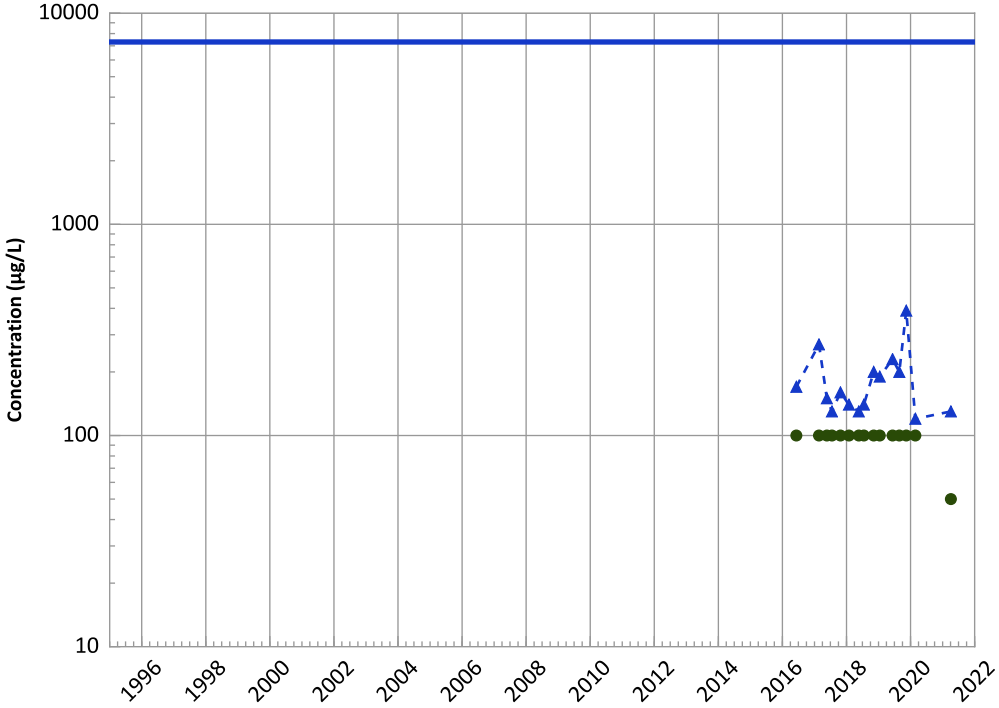


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Boron Trend



Concentration Trend

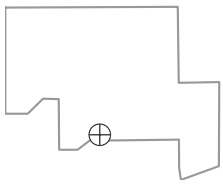
MAROS Mann-Kendall Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

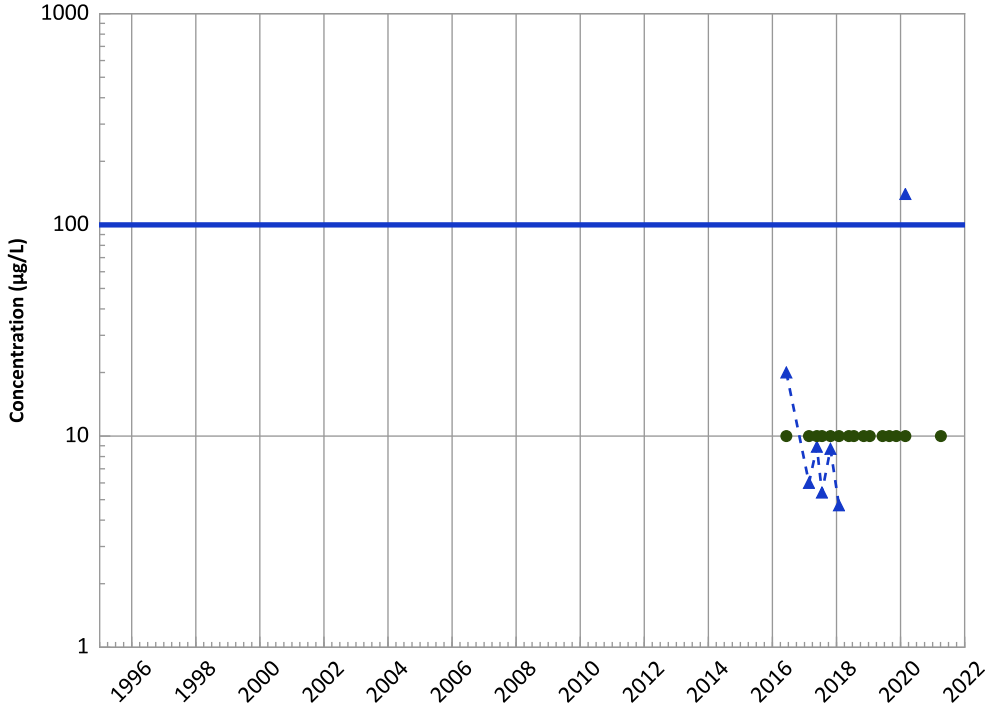
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

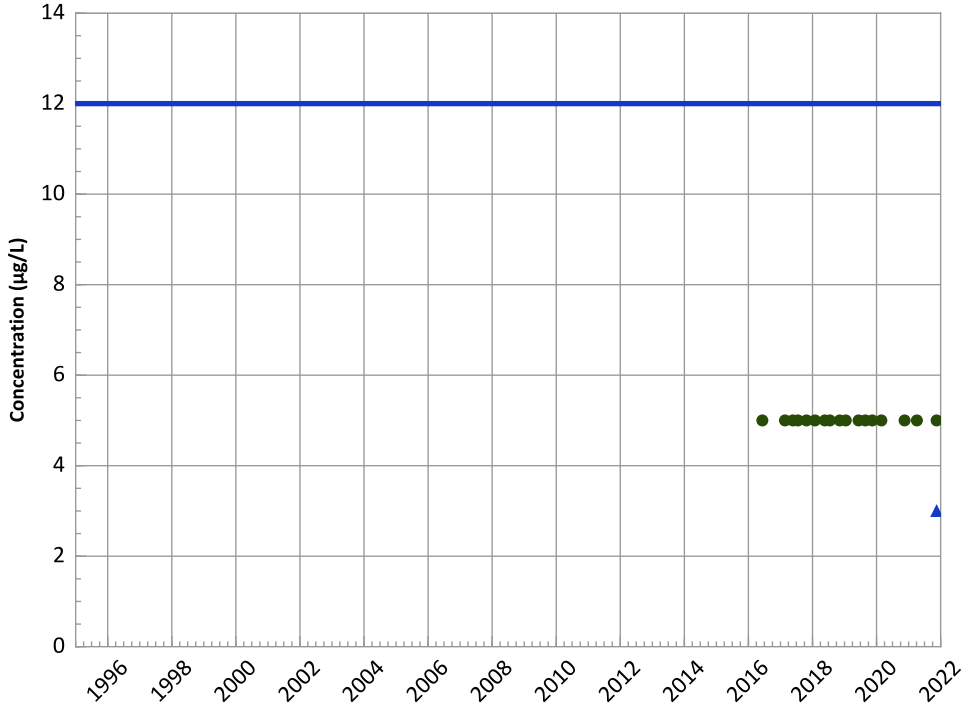


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Arsenic Trend



Concentration Trend

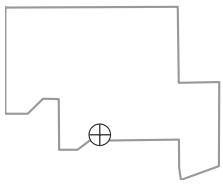
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

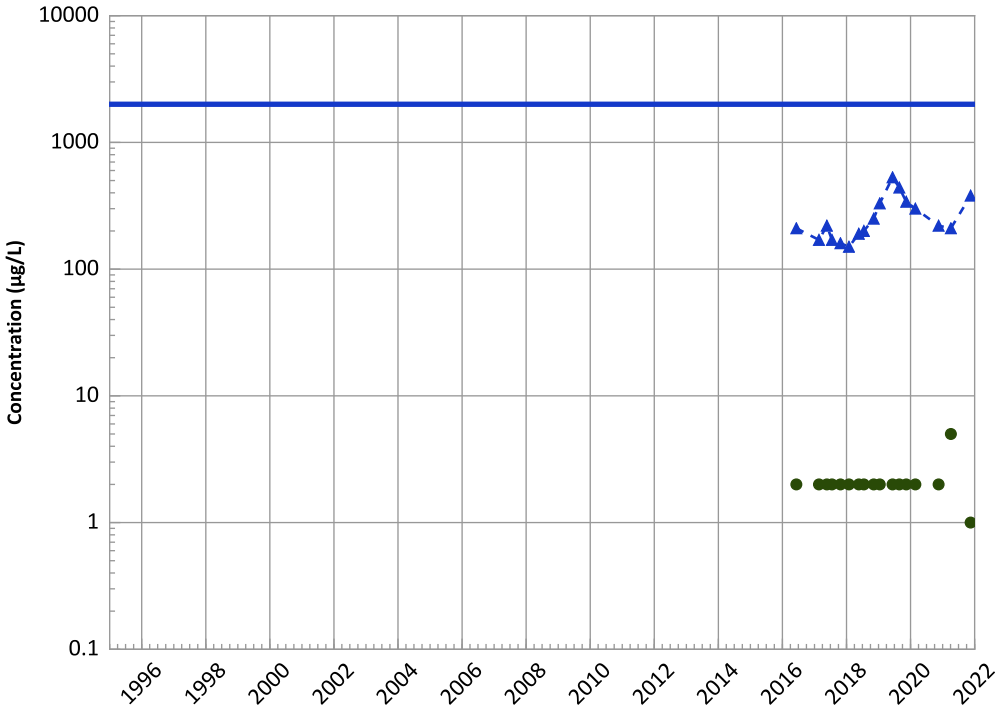
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

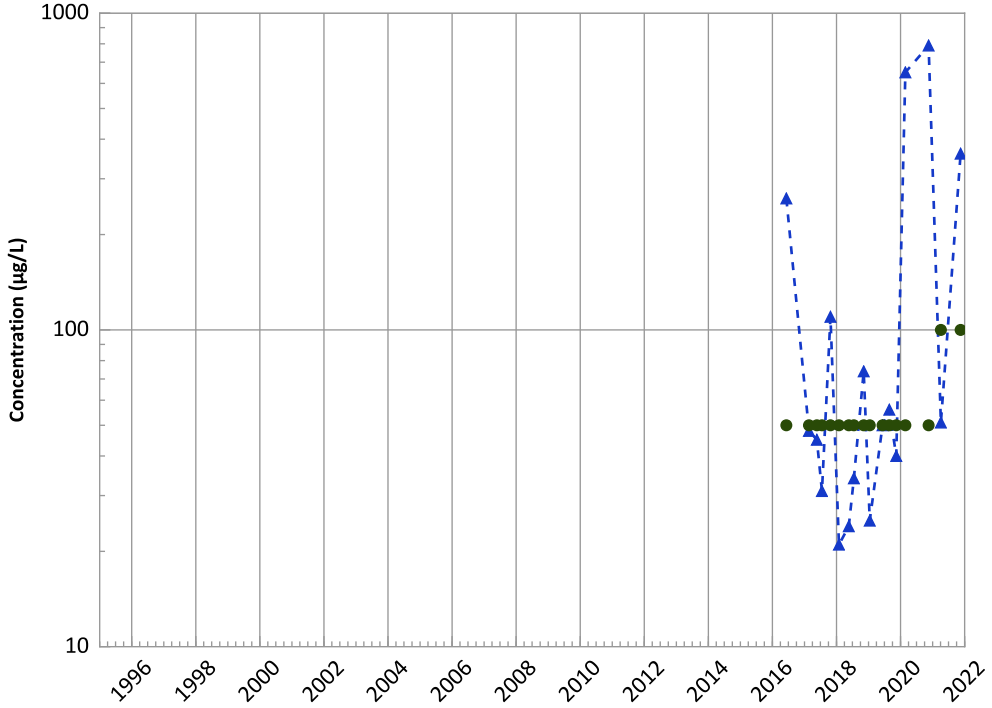


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Iron Trend

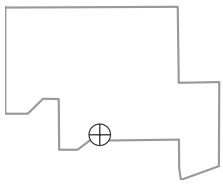


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Well Location

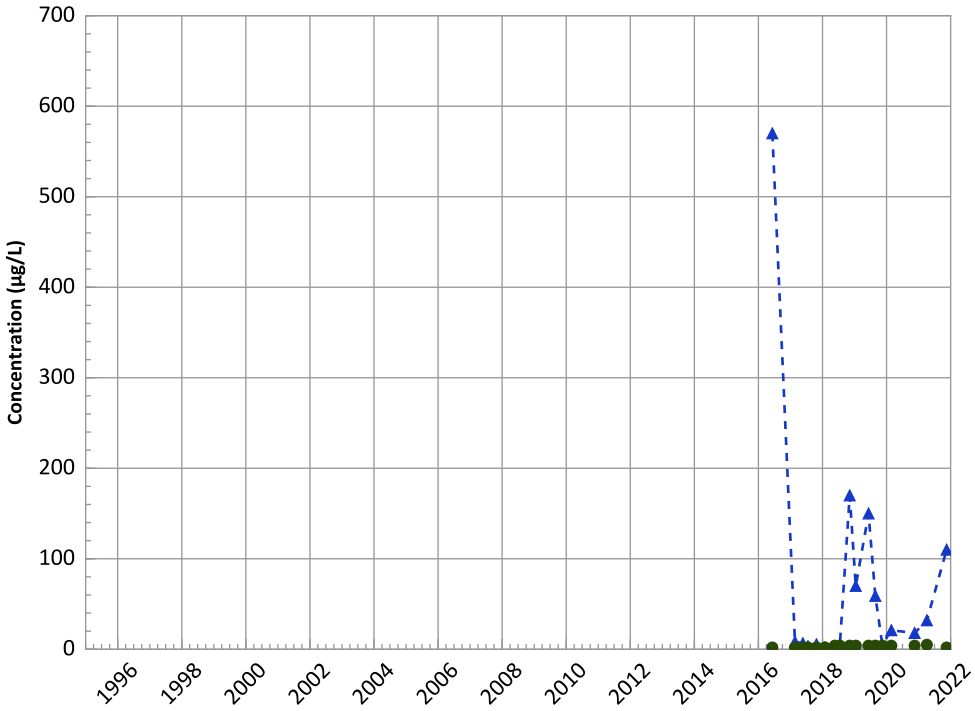


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

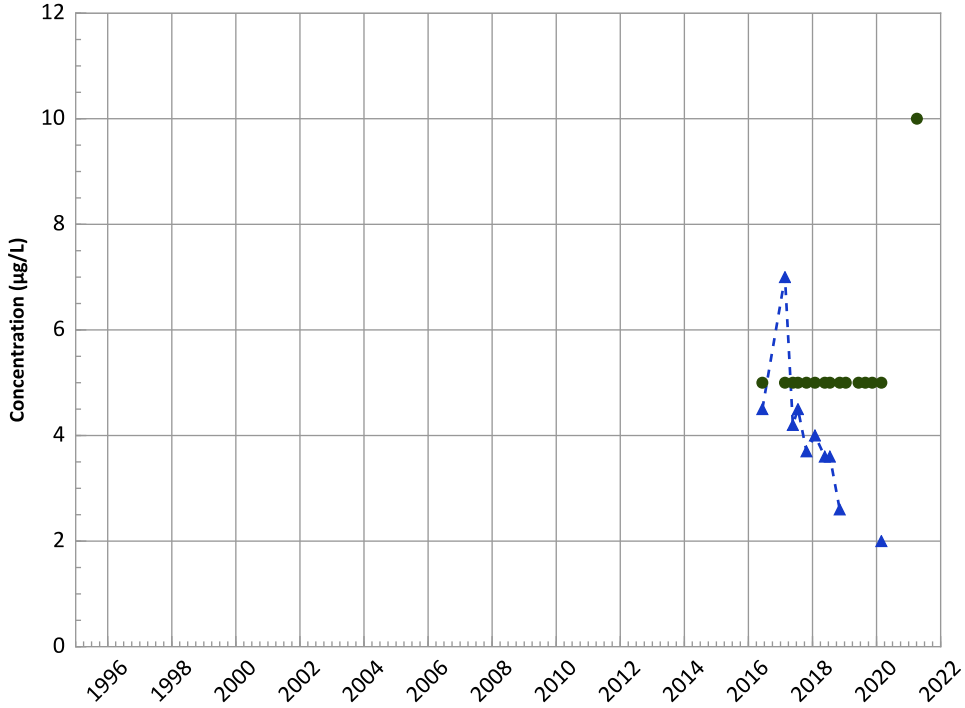


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

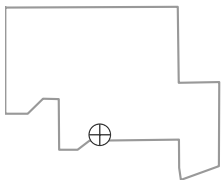
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

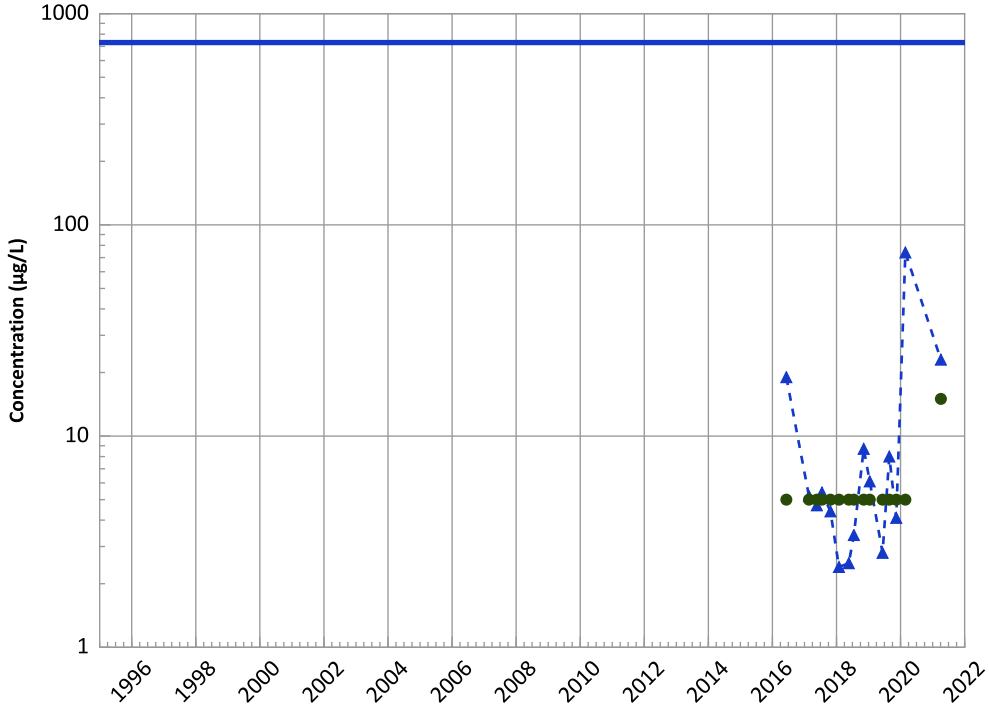
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

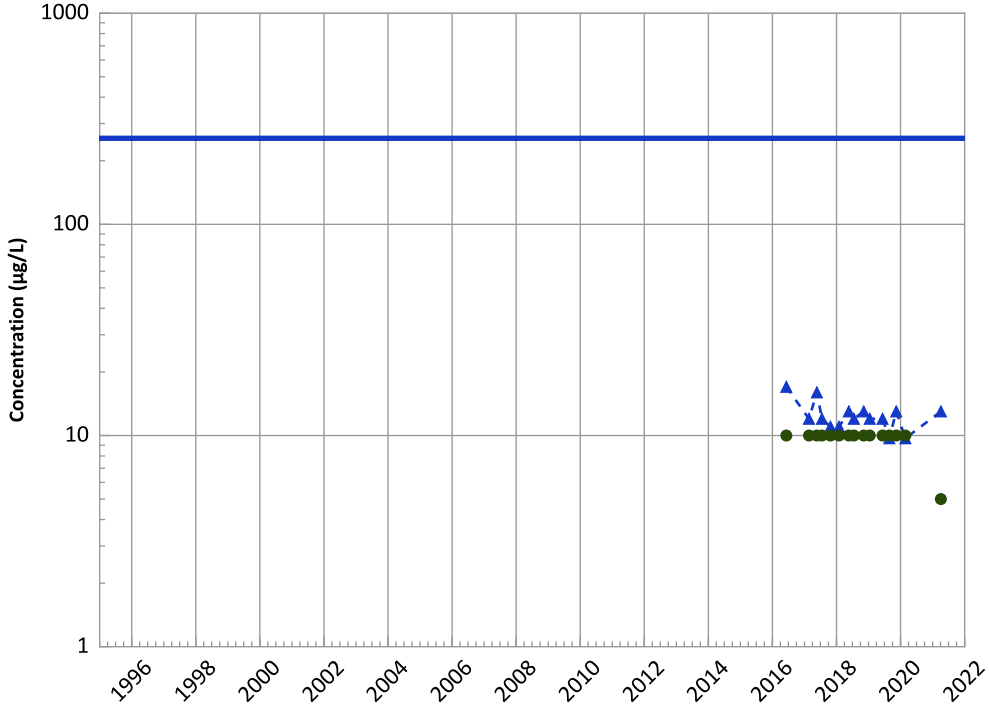


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

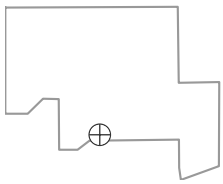
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

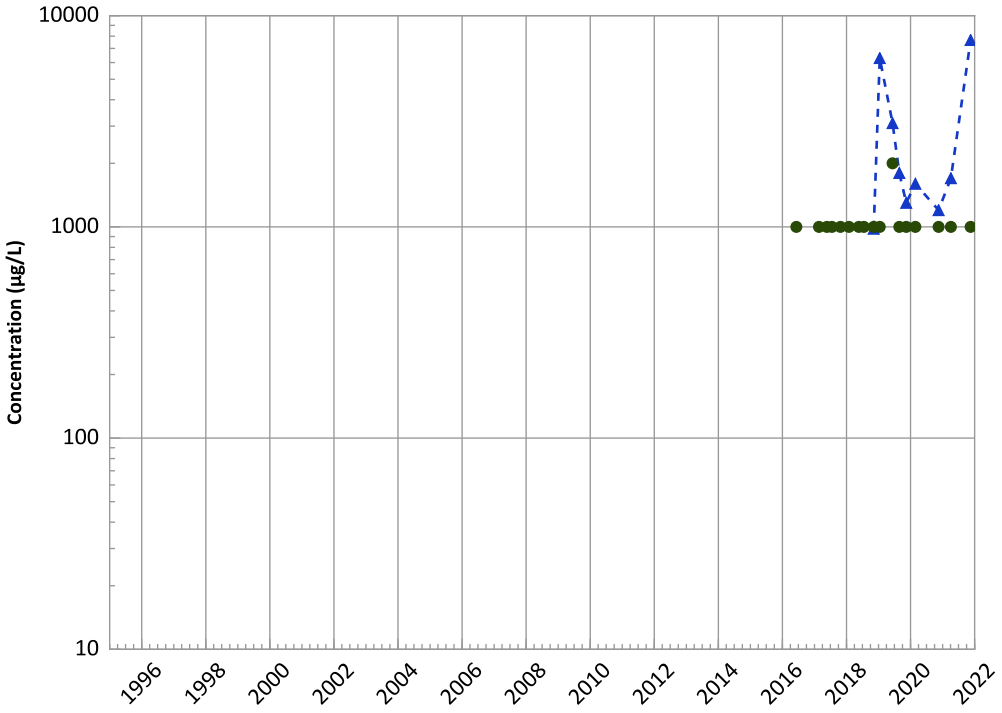
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1175 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

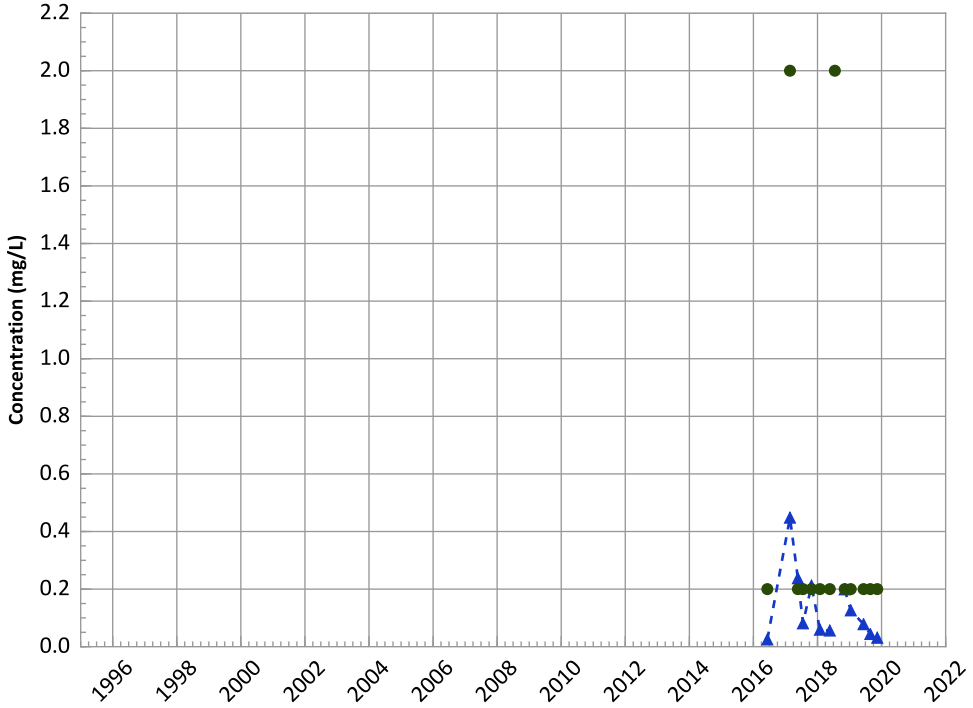


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Total Volatile Fatty Acids Trend



Concentration Trend

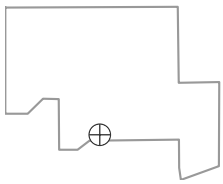
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

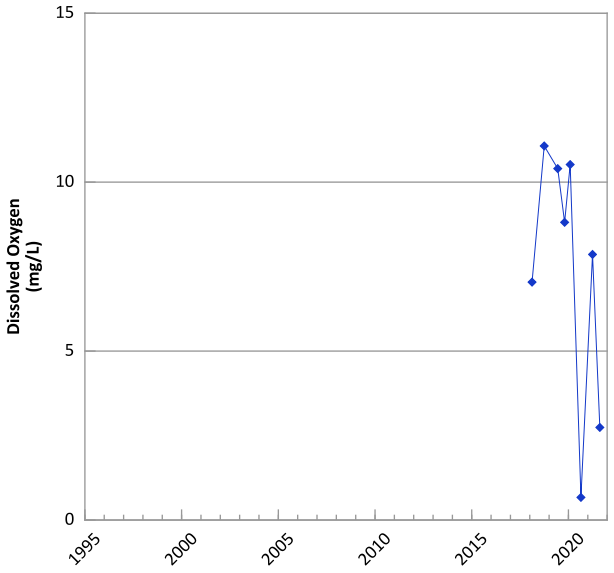
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/08/2016 to 11/16/2021
Analysis Date: 05/02/2022

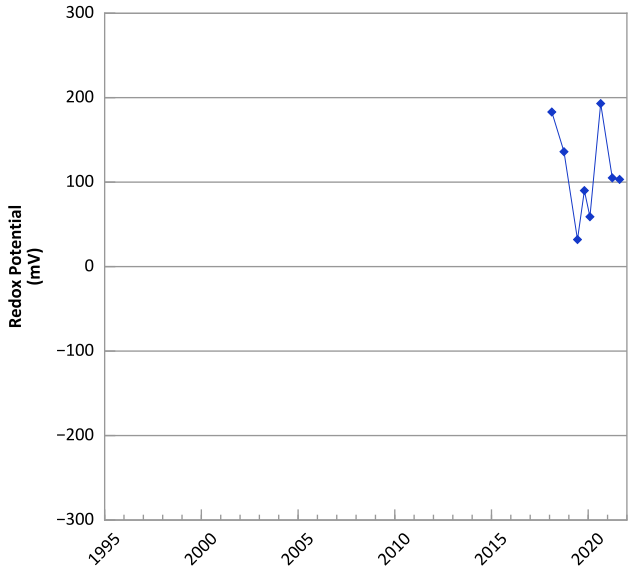
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

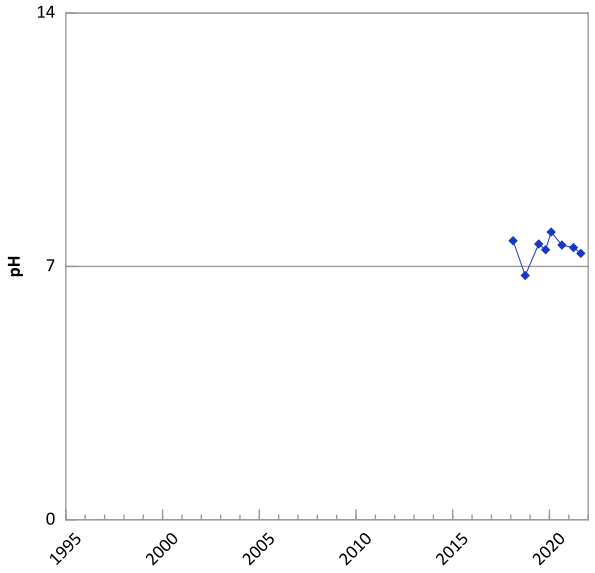
Well Location

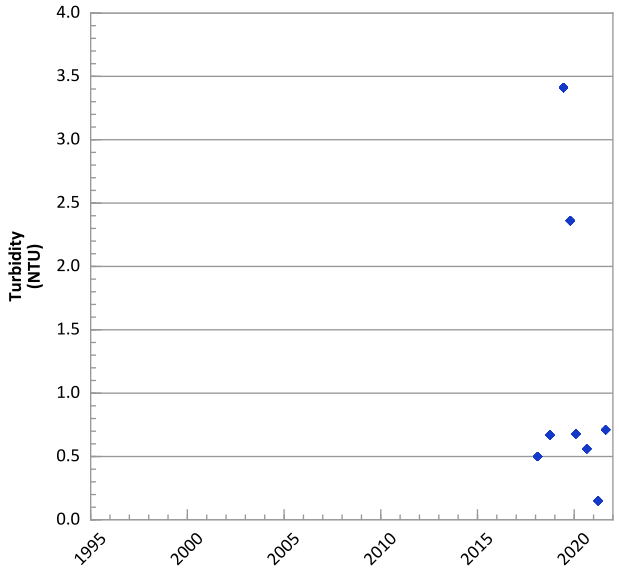


PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



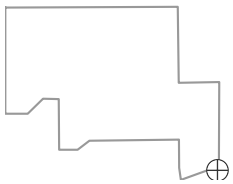






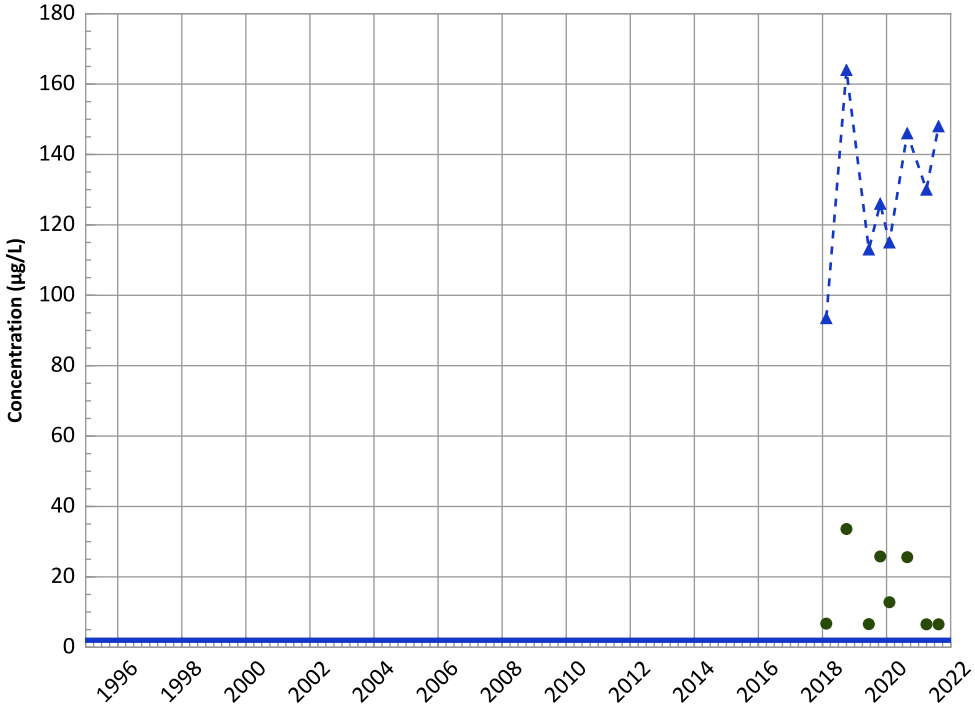
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

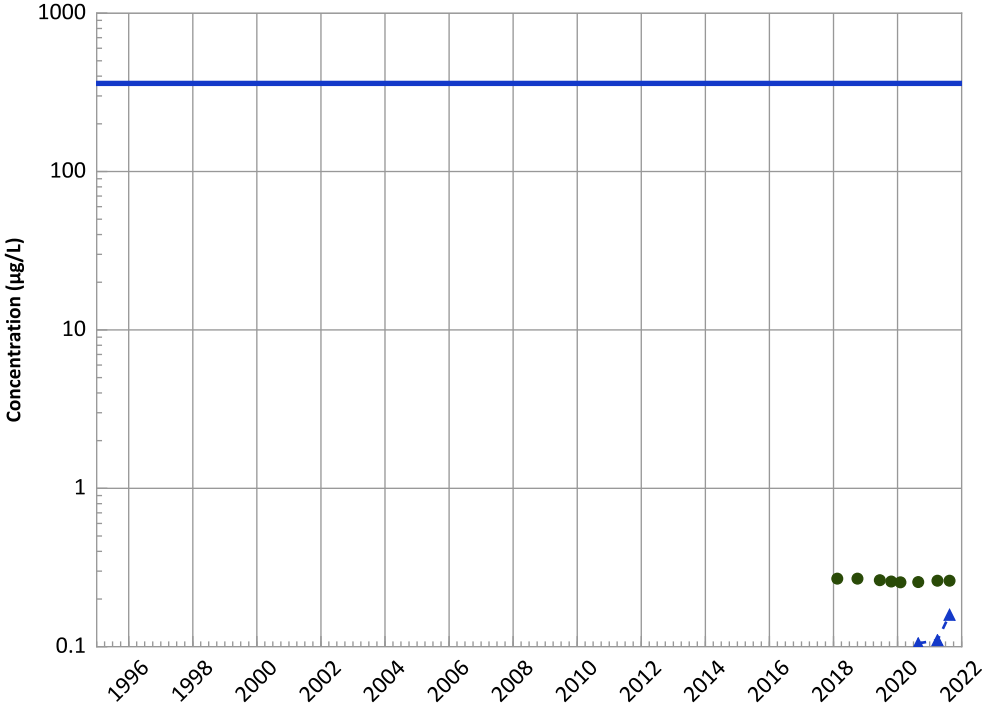


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

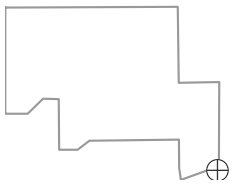
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

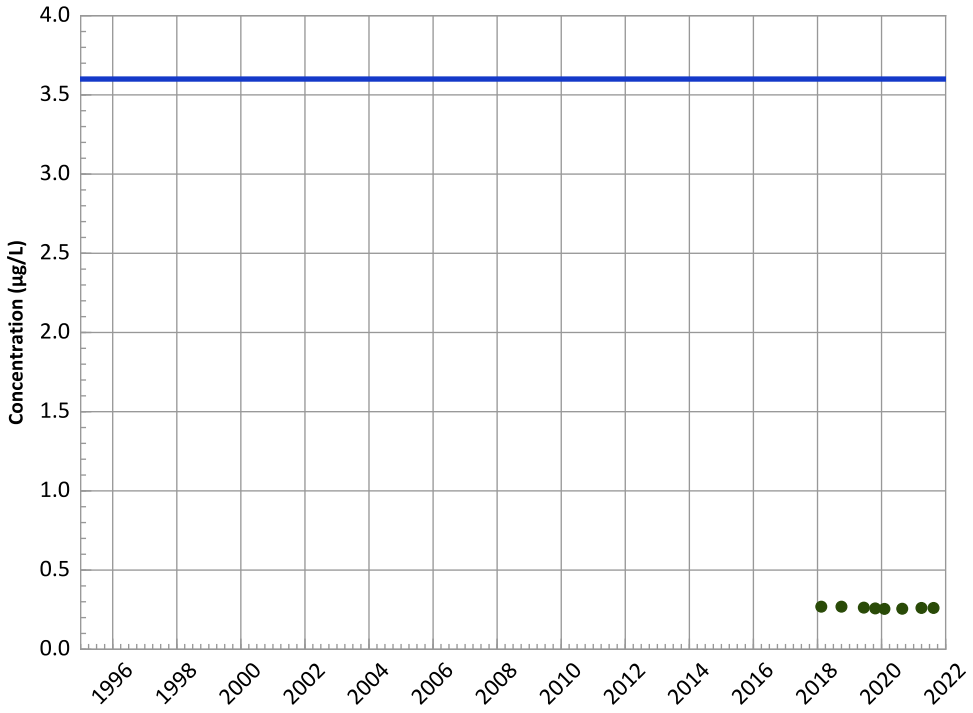
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

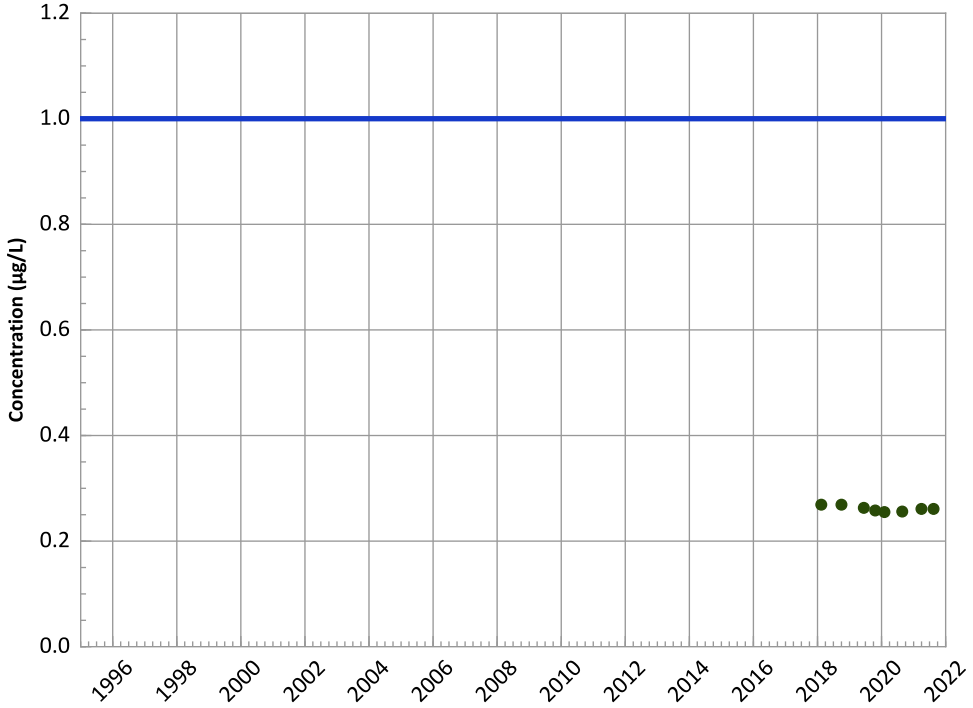


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

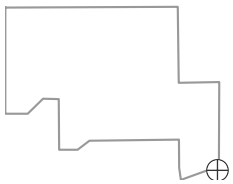
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

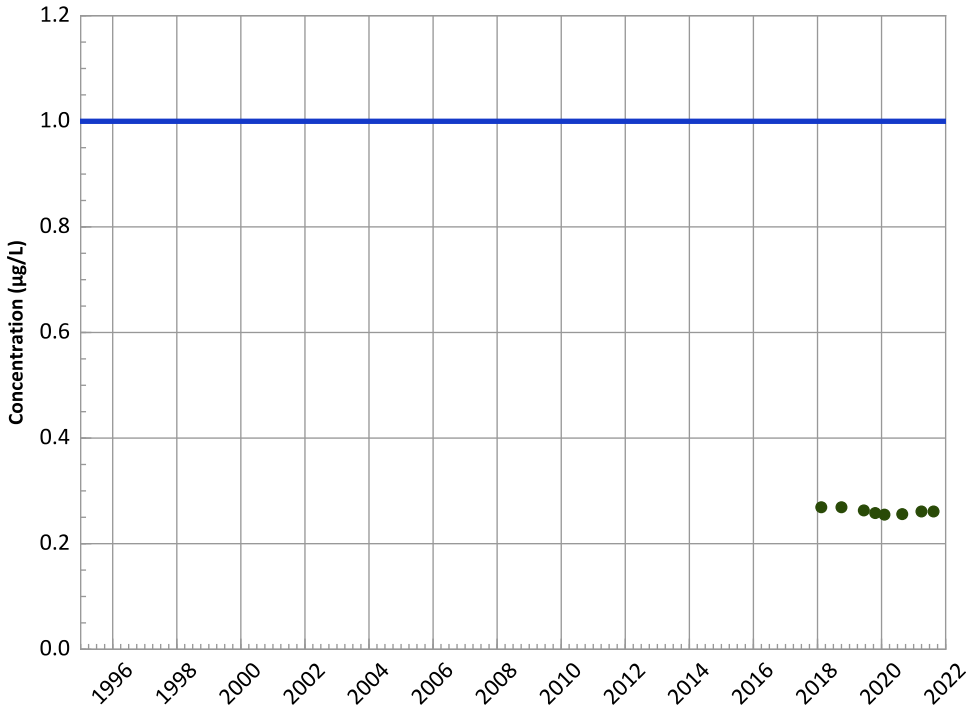
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

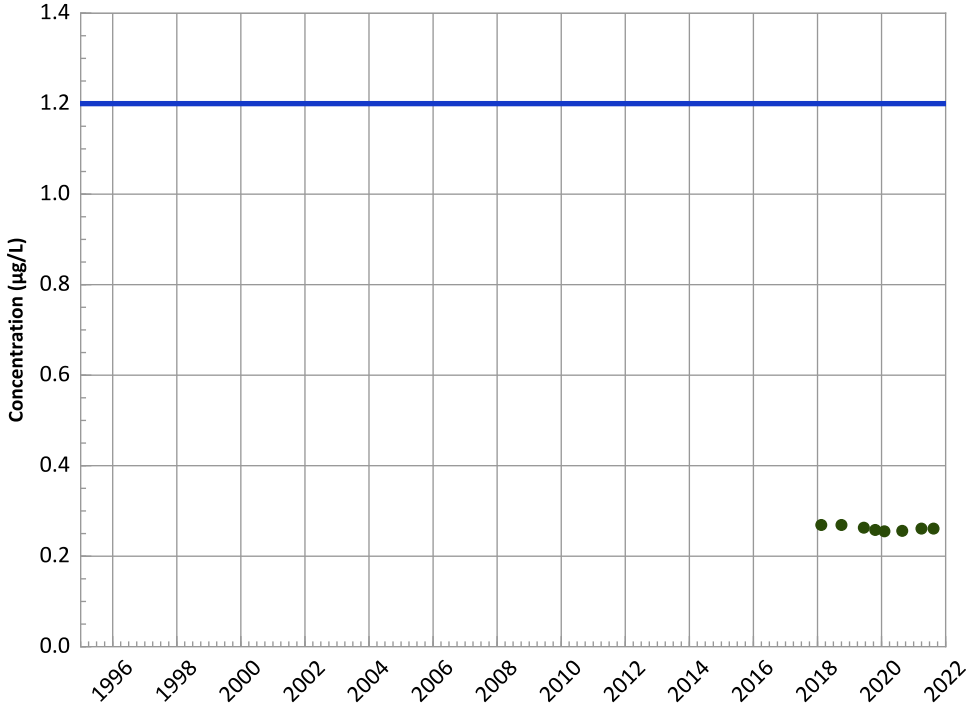


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

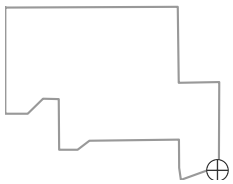


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

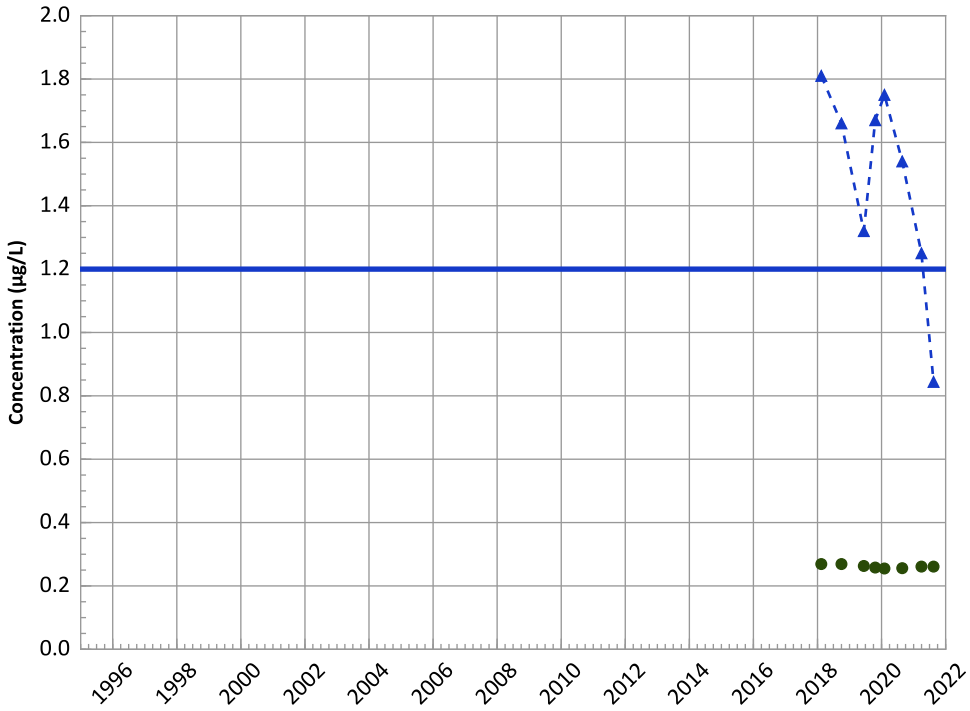


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

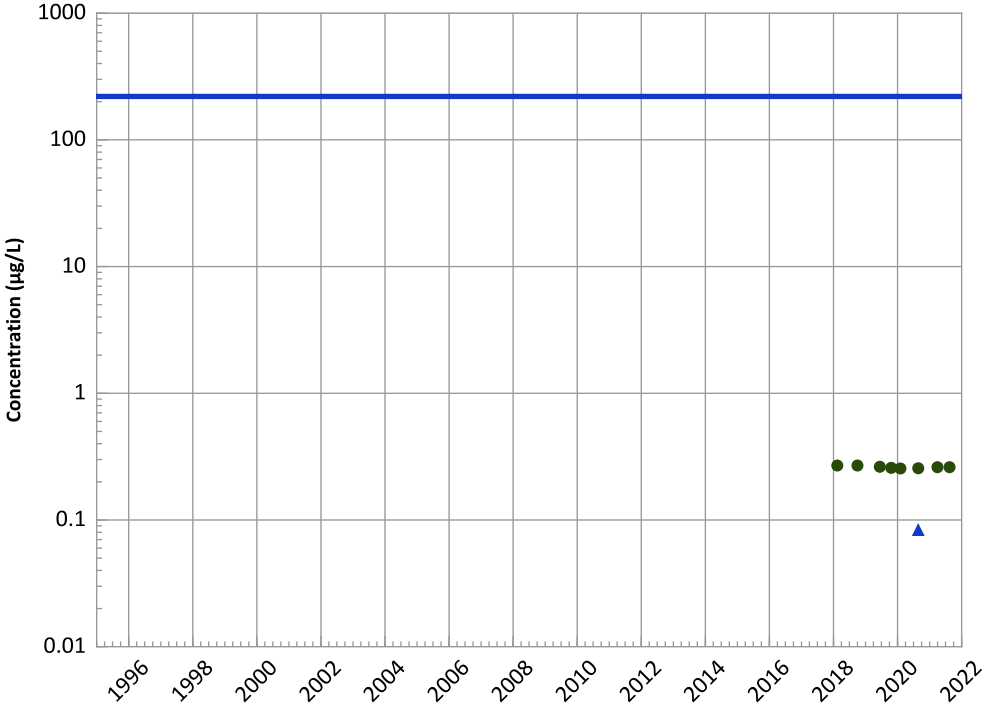


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

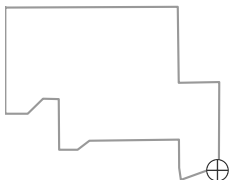
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

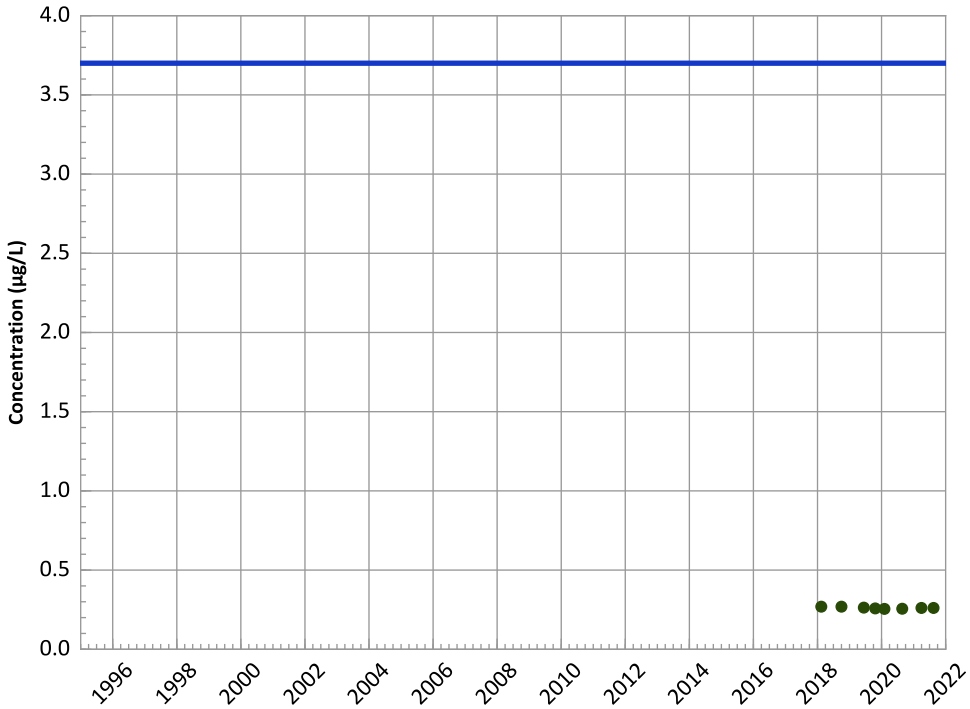
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

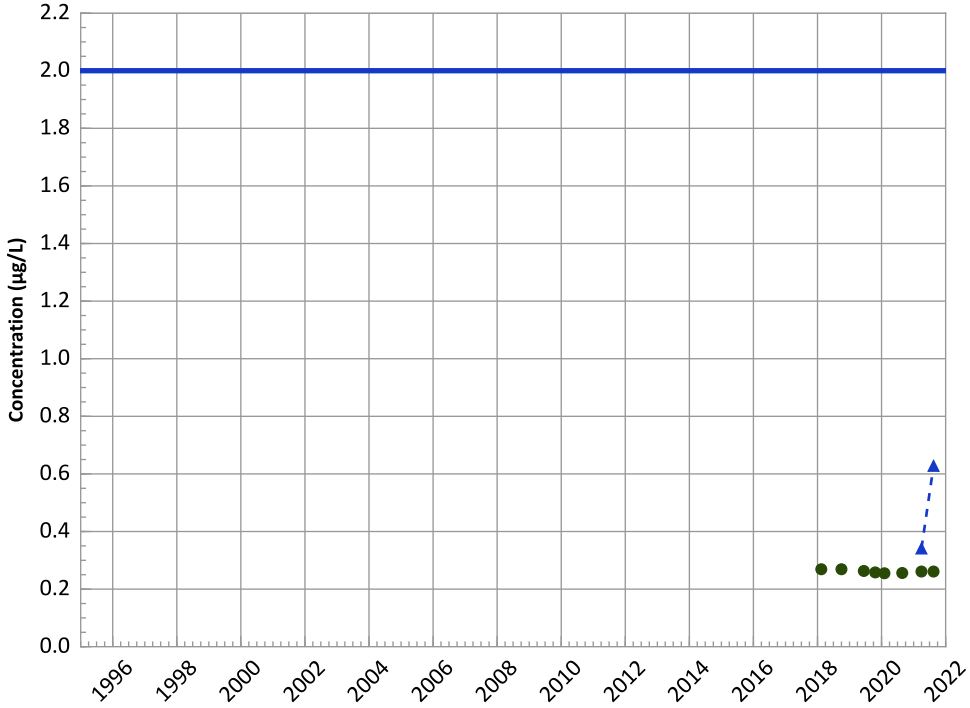


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

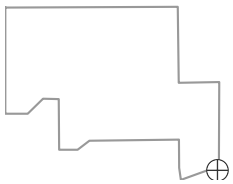
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

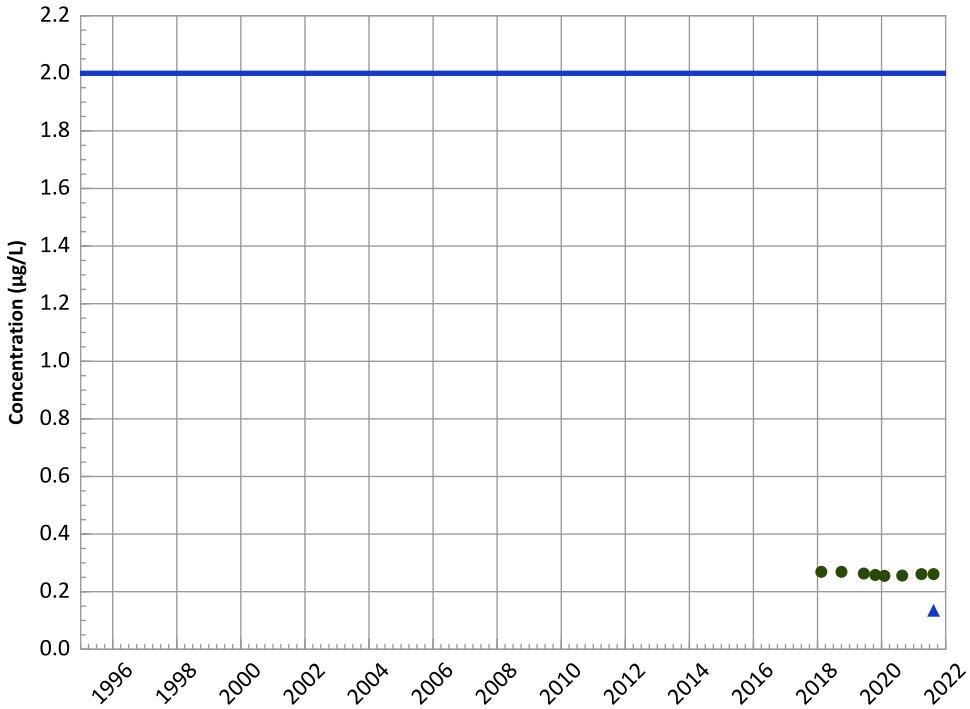
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

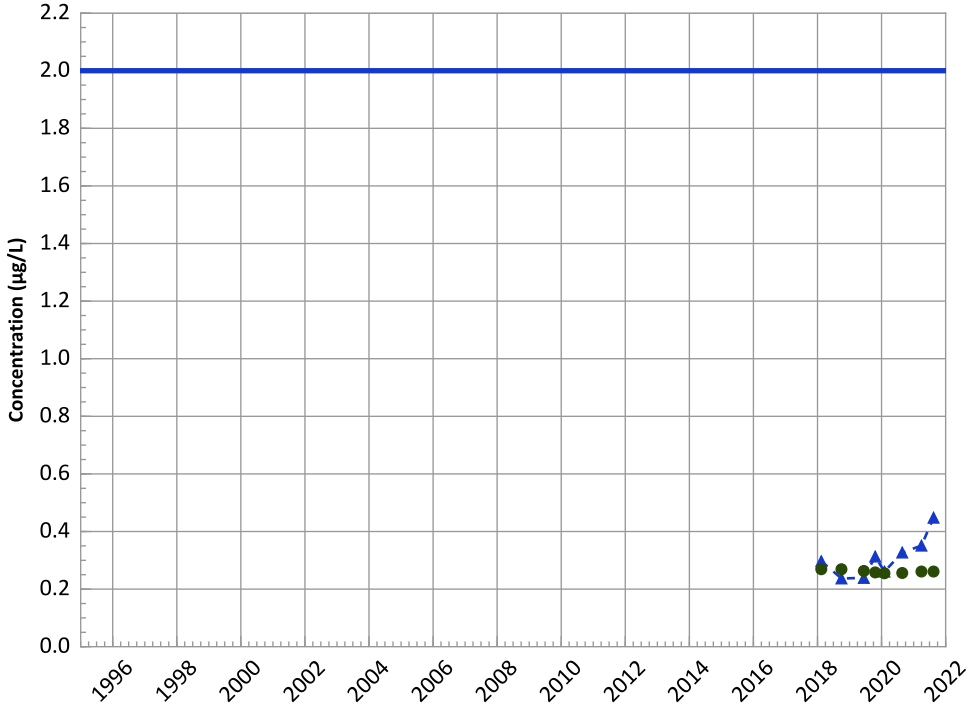


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

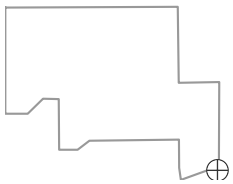
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

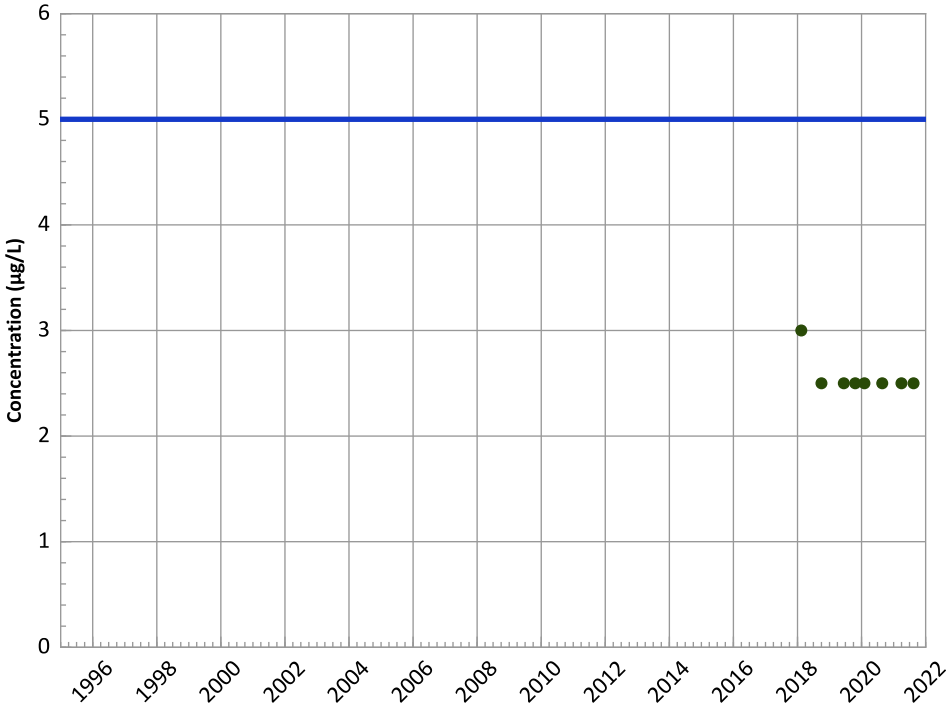
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

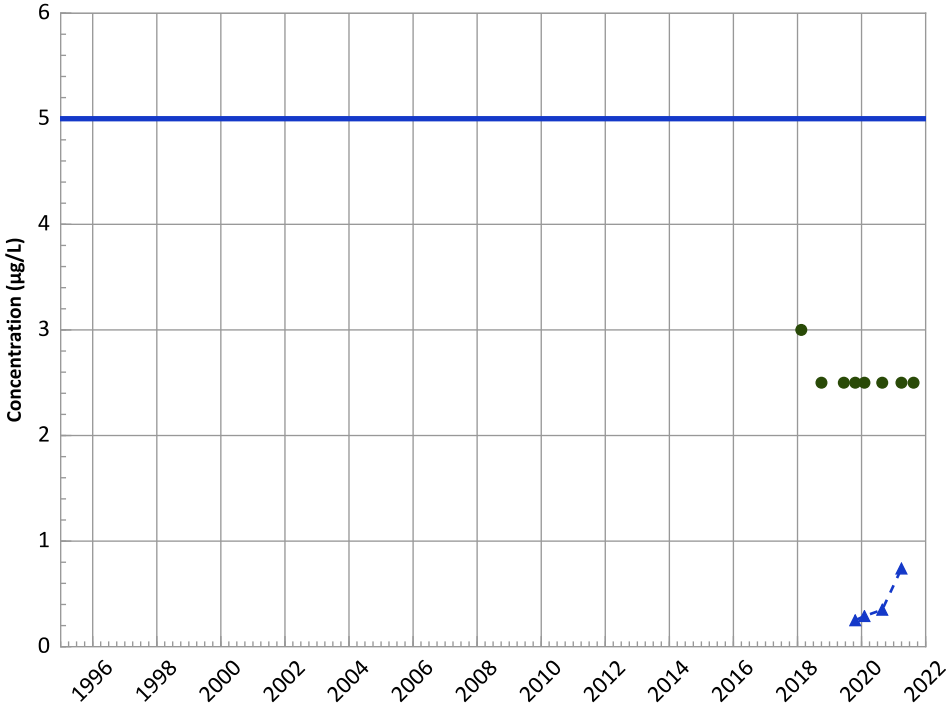


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

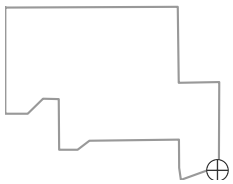


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Well Location

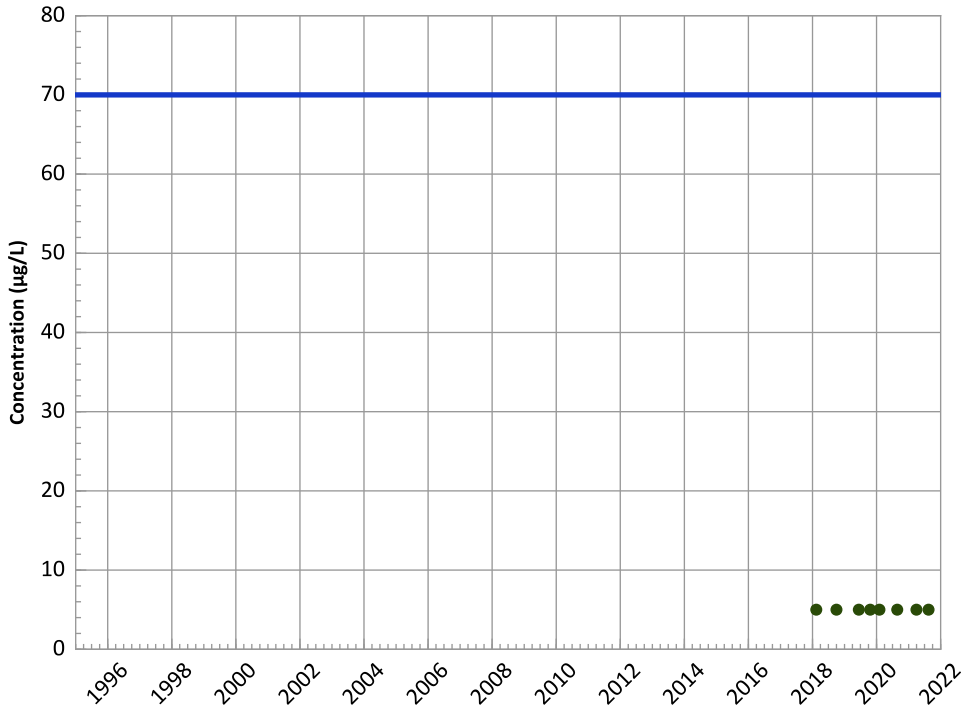


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

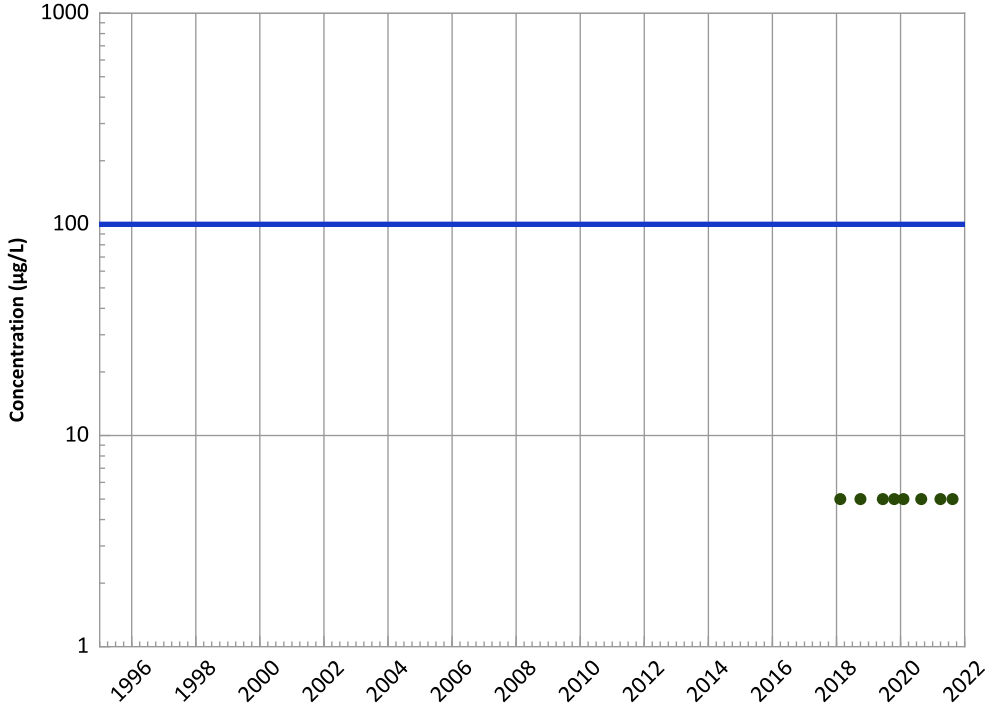


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

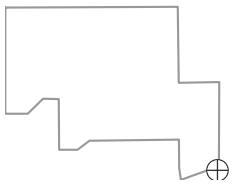
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

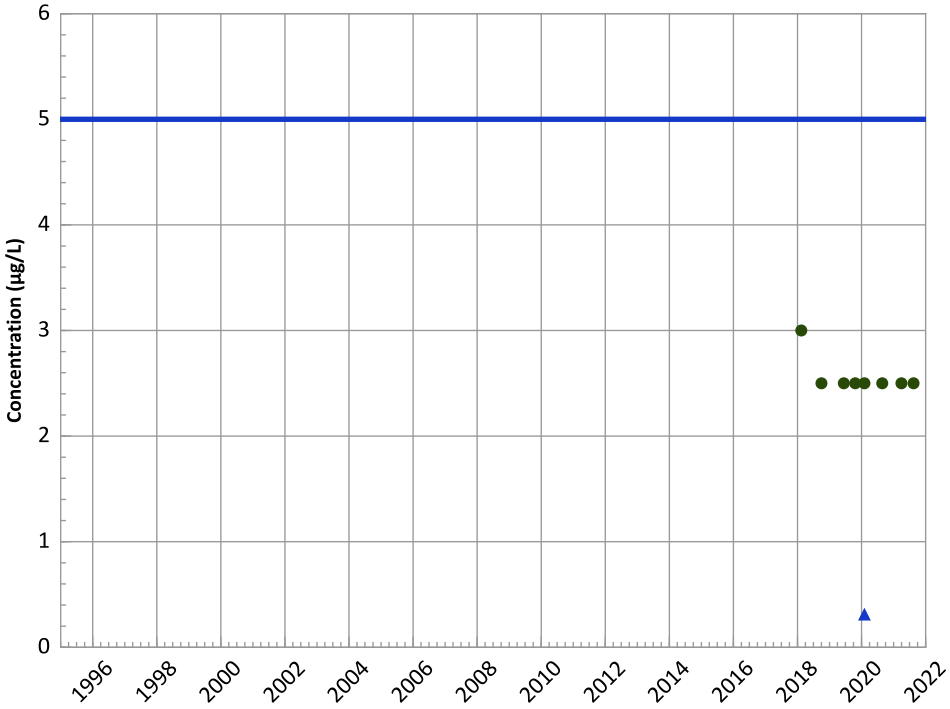
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

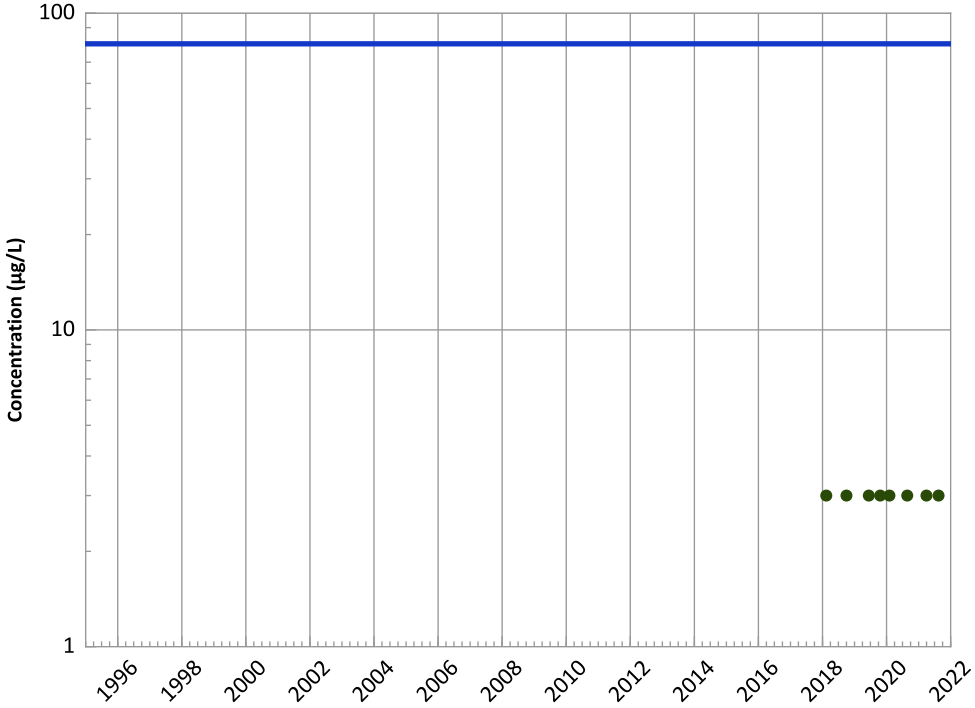


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

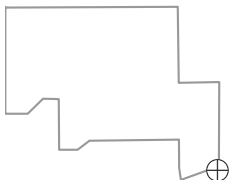
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

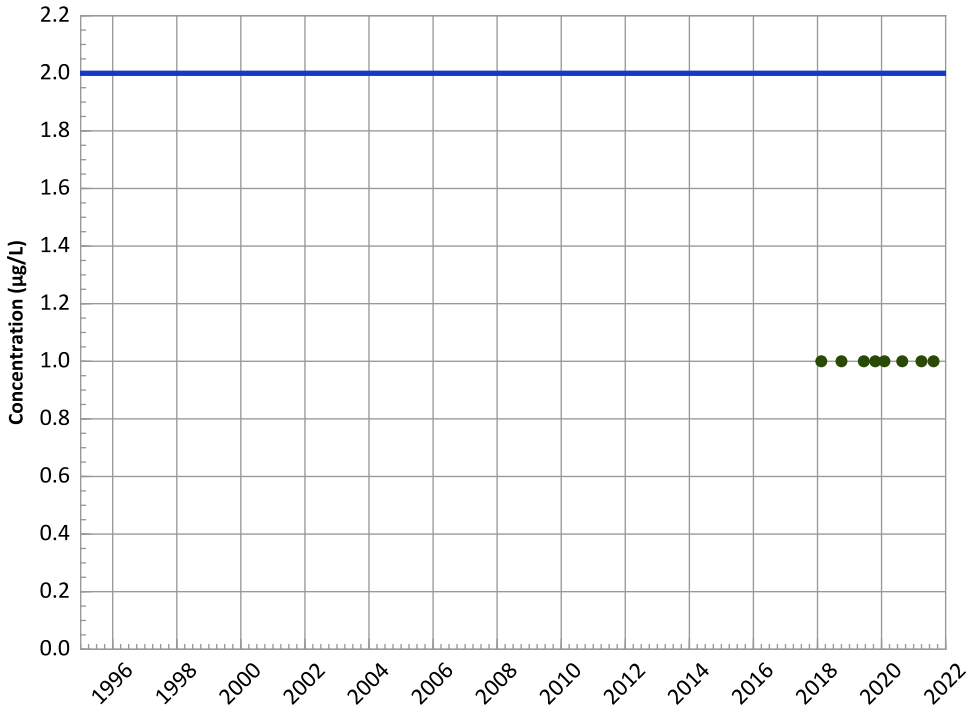
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

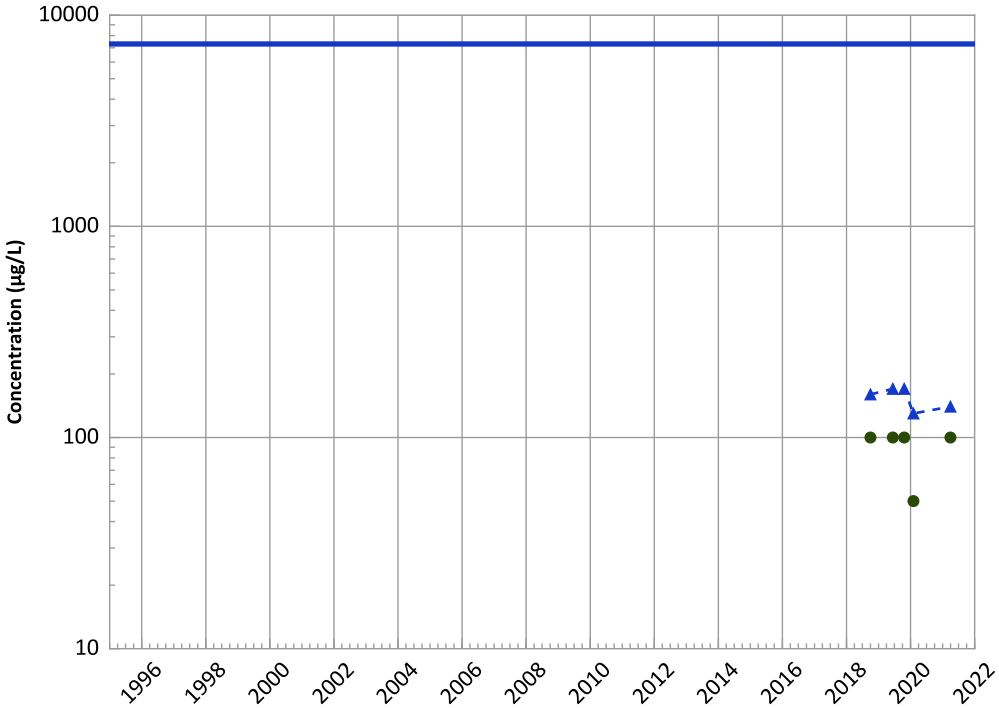


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

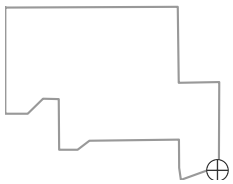
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

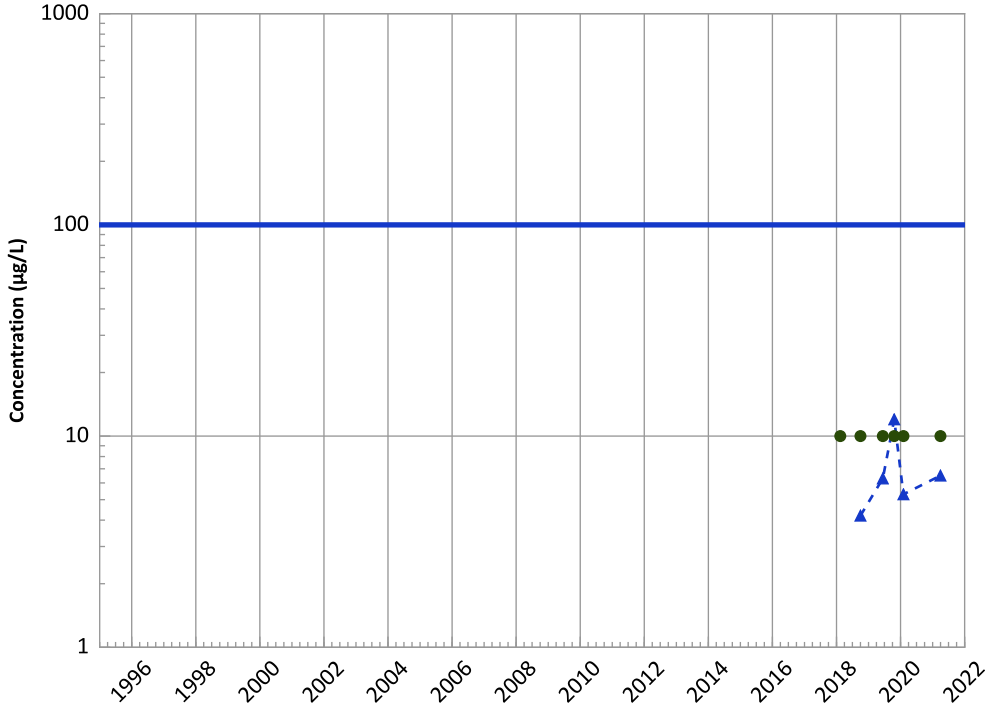
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

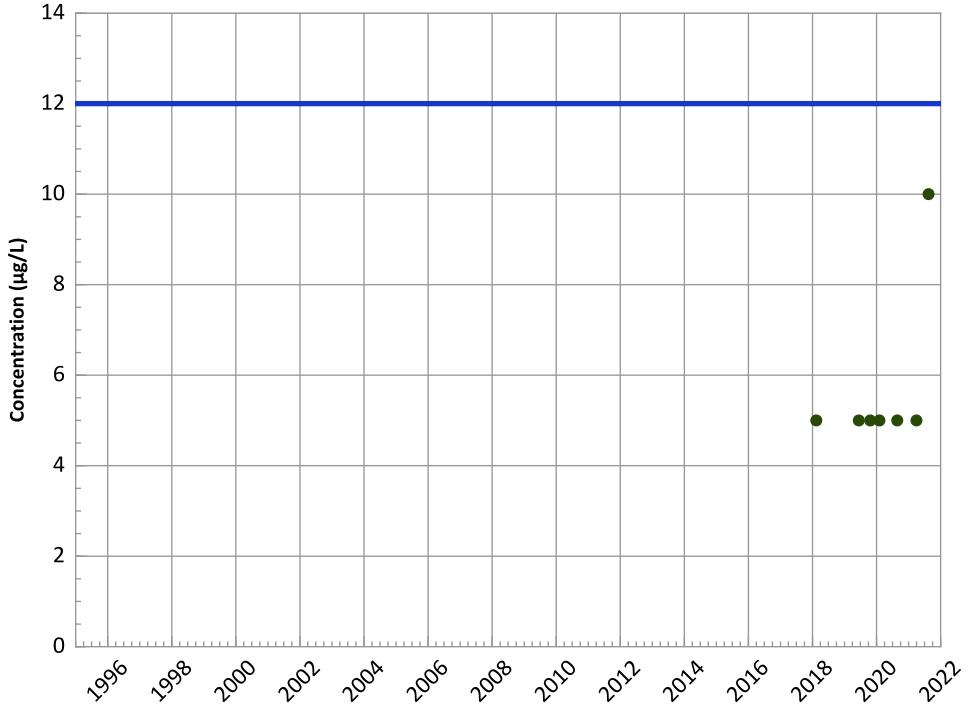


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Arsenic Trend



Concentration Trend

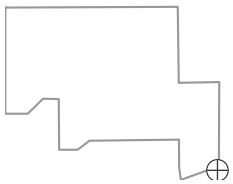
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

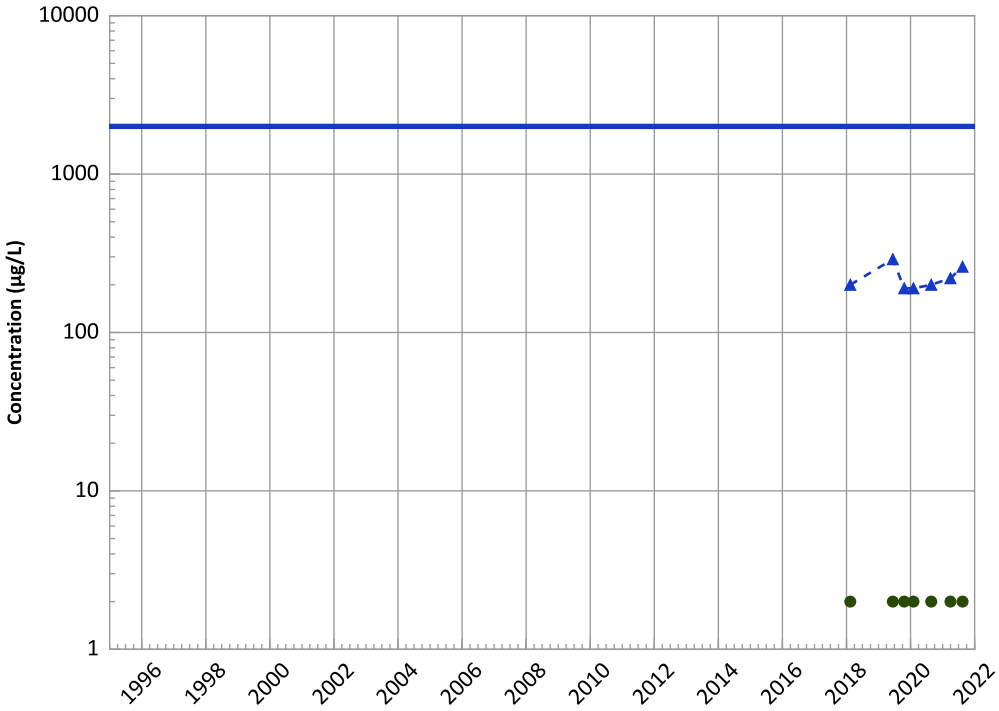
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

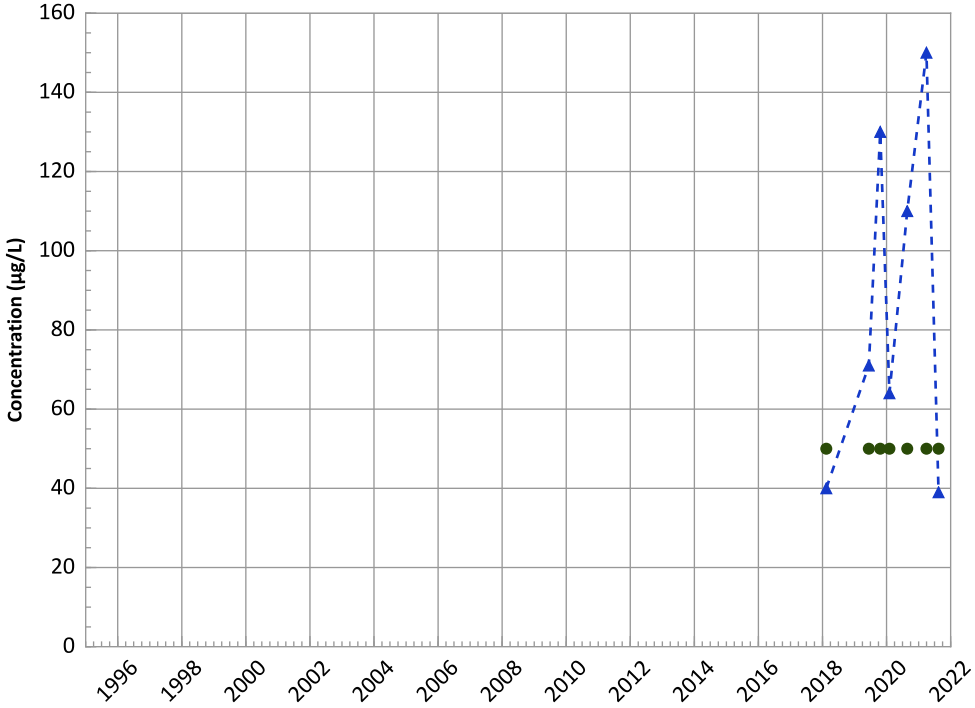


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Increasing

Iron Trend



Concentration Trend

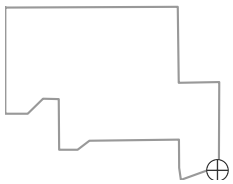
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

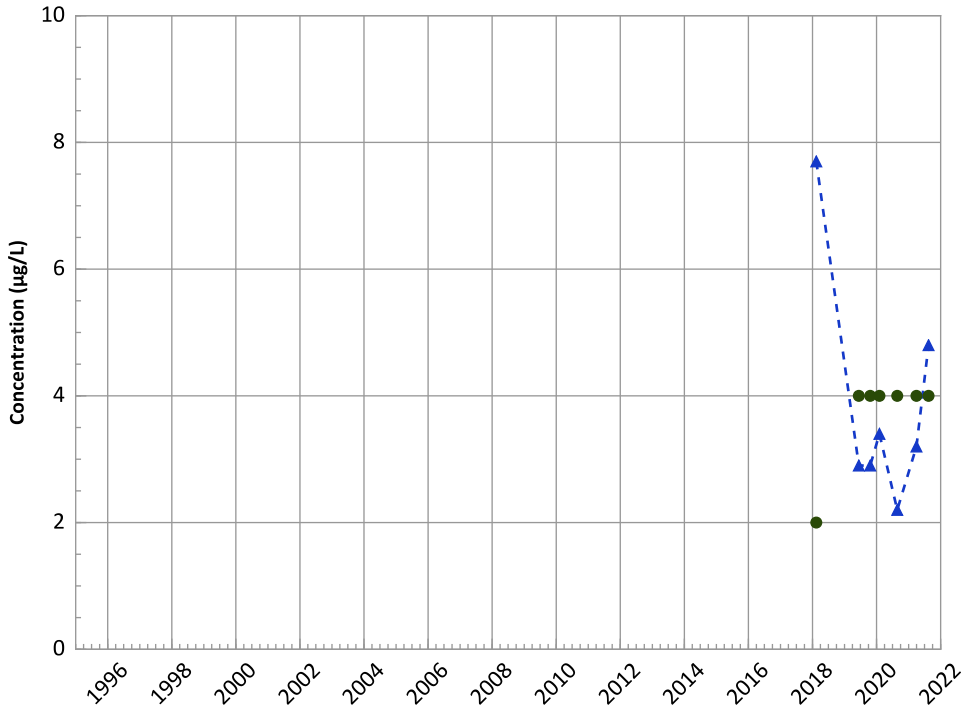
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

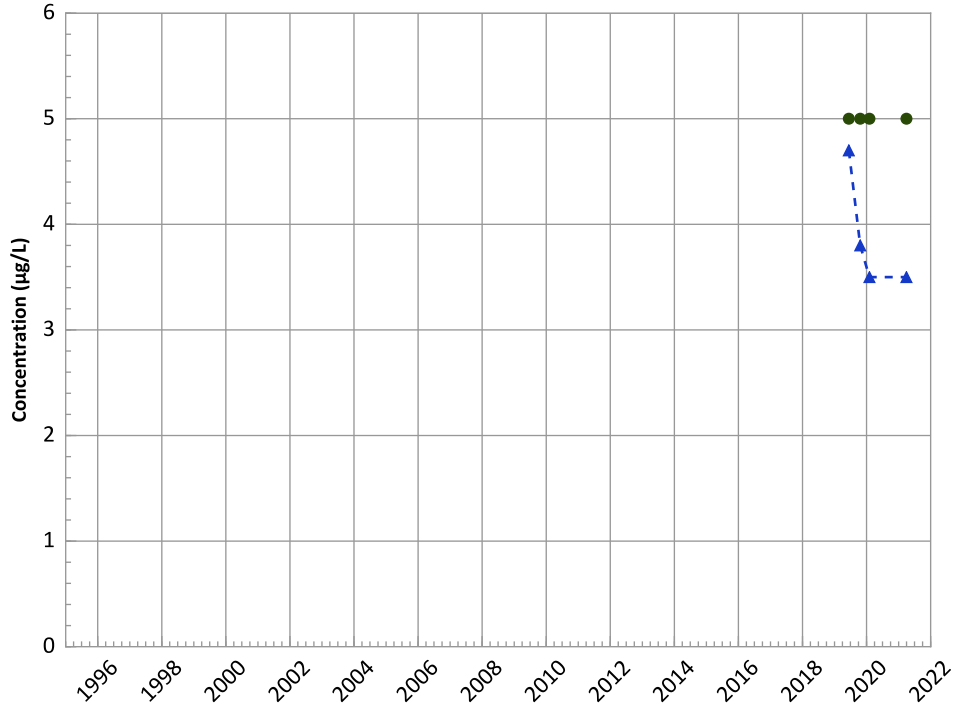


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Stable
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

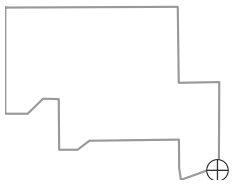
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

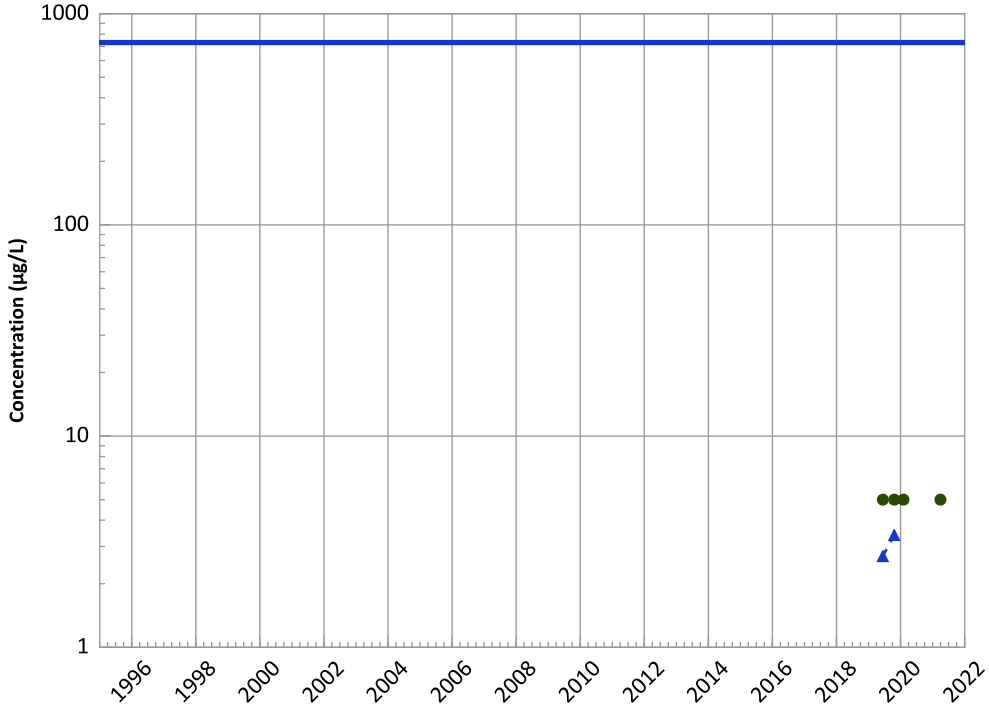
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

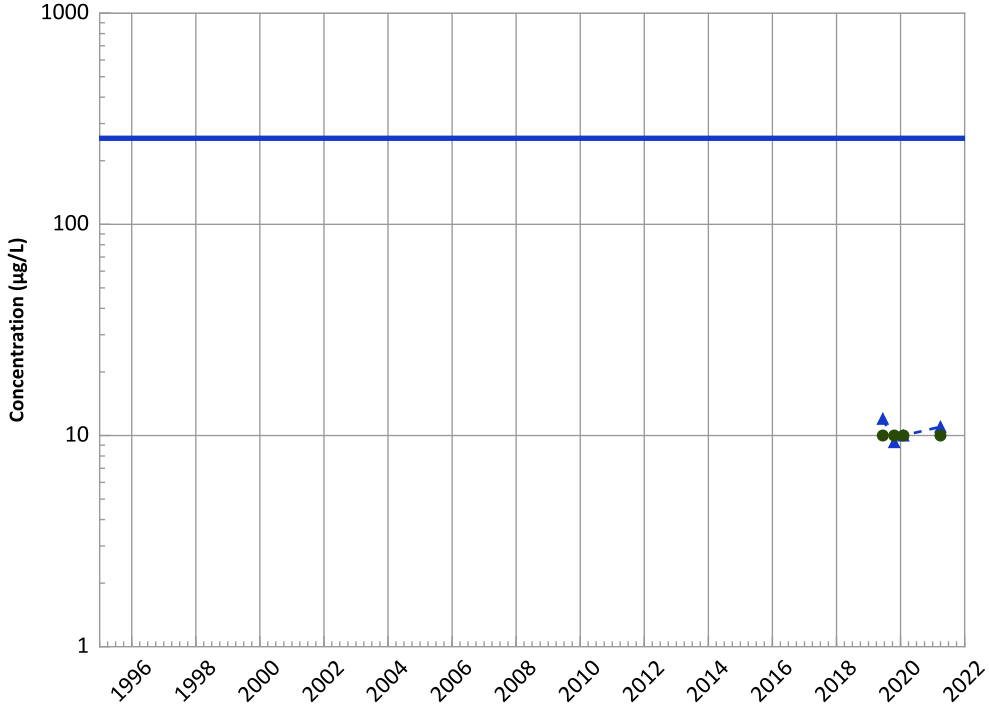


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

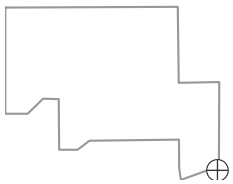
MAROS Mann-Kendall Method
All Data:
Stable
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

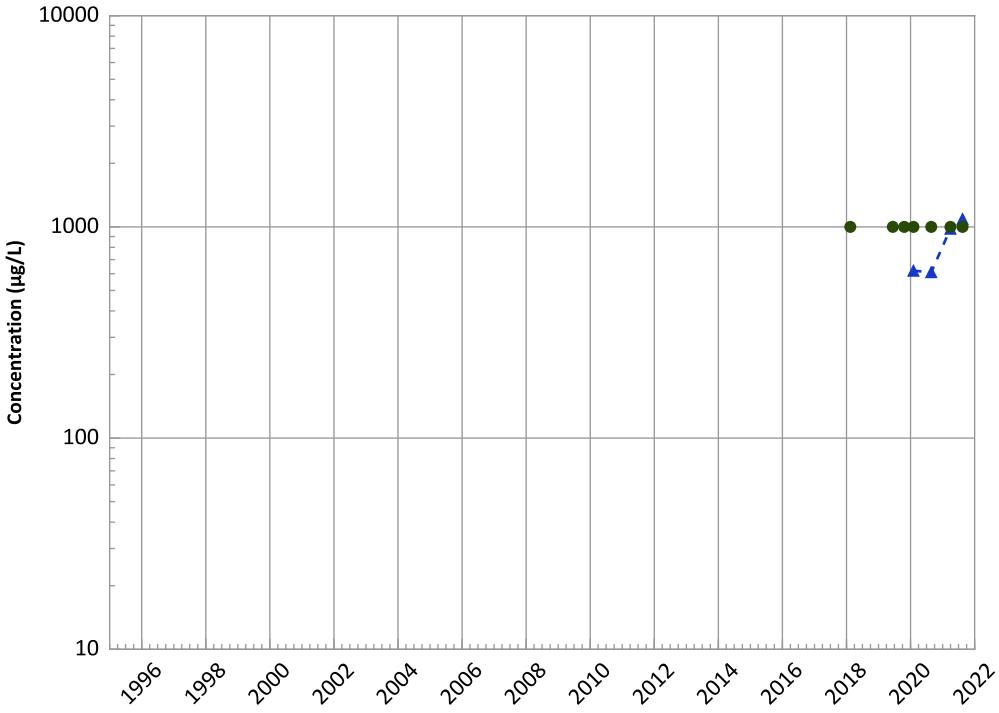
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1191 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

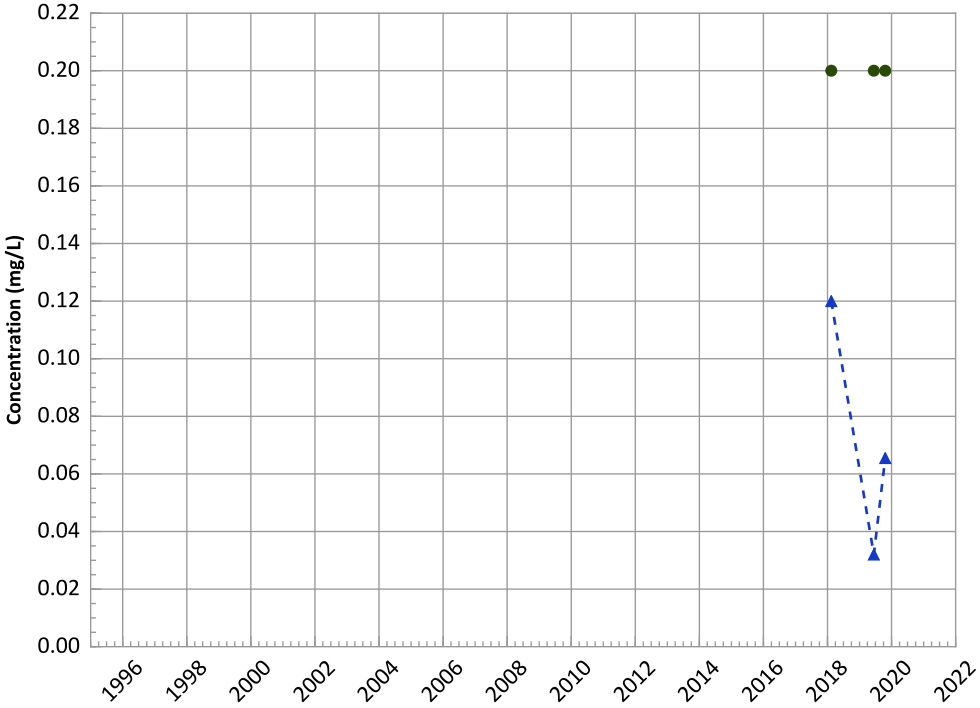


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

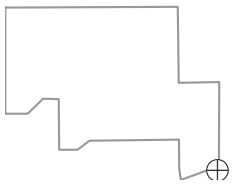
MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

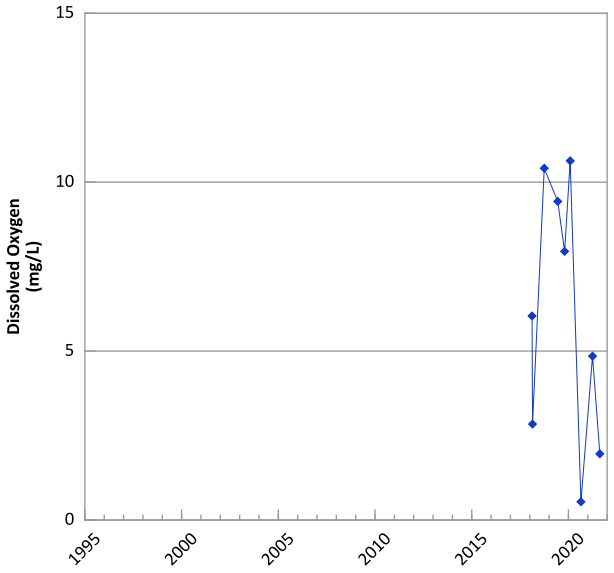
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

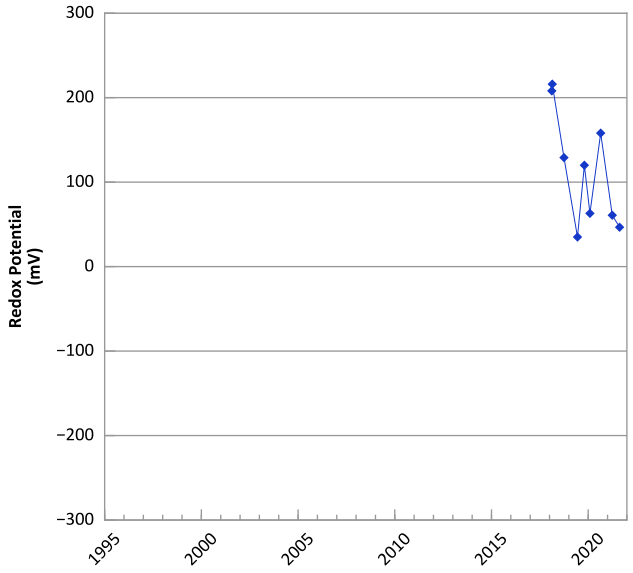
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

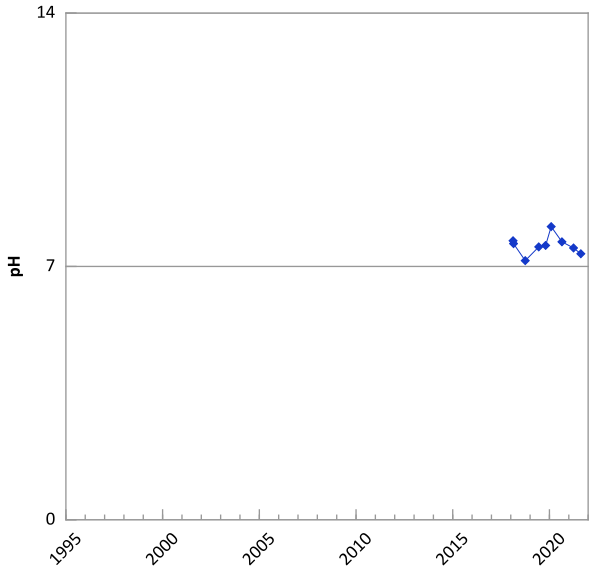
Well Location

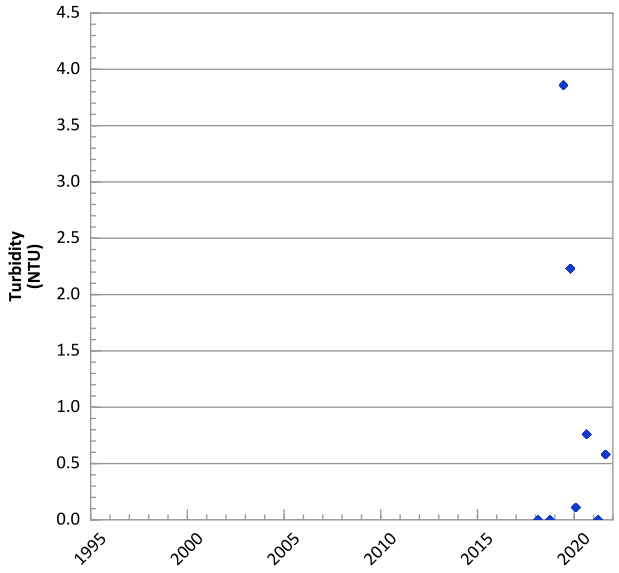


PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



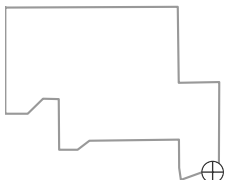






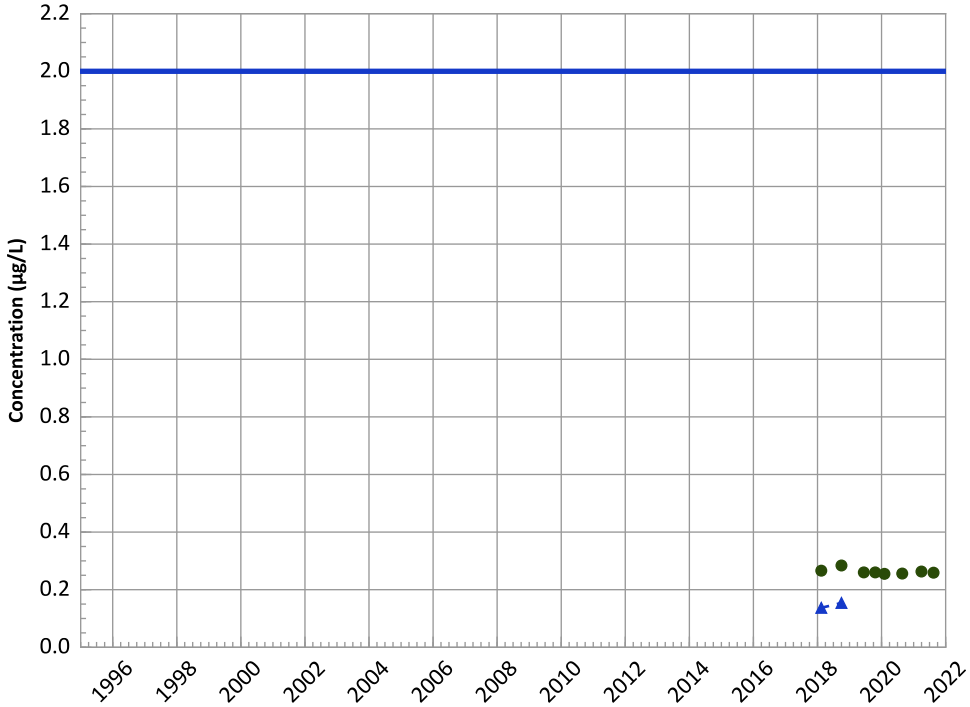
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

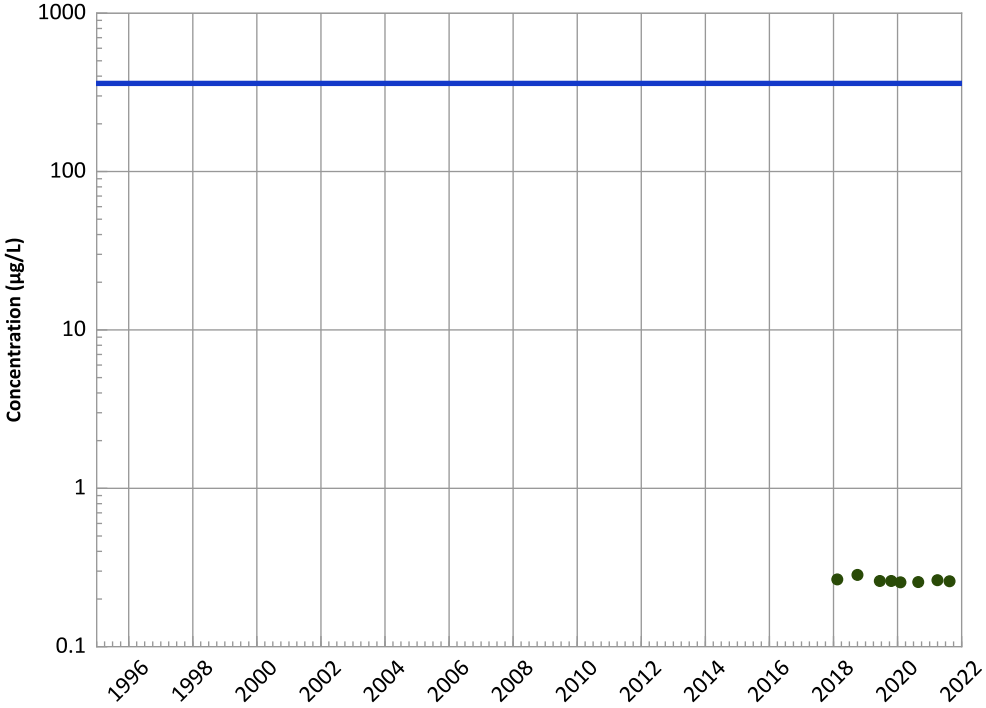


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

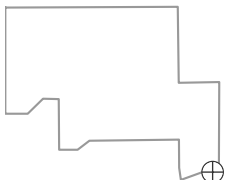
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

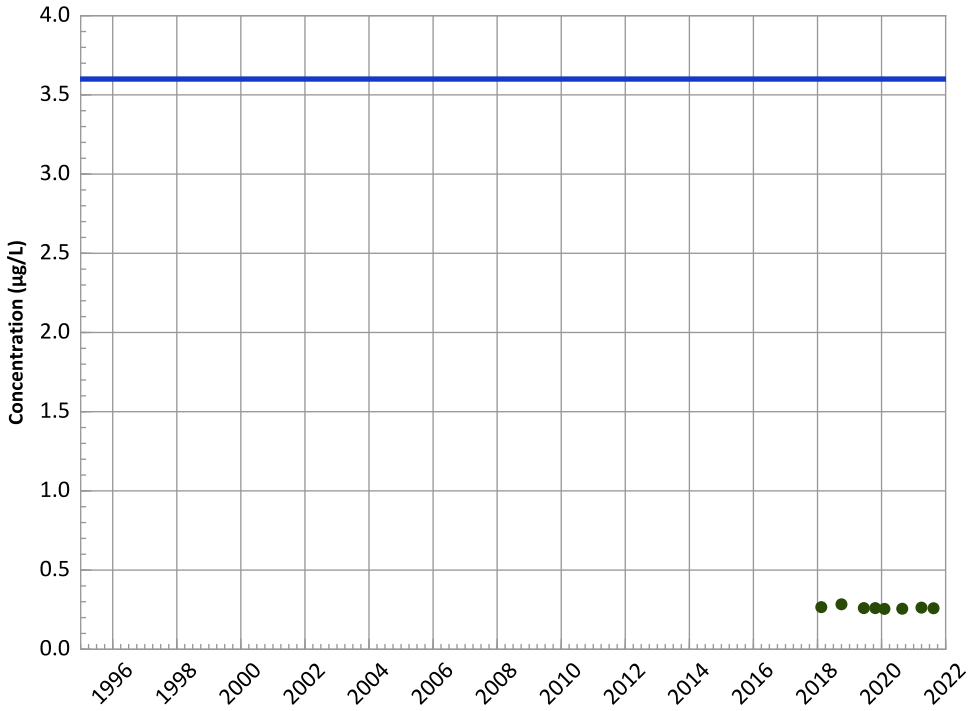
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

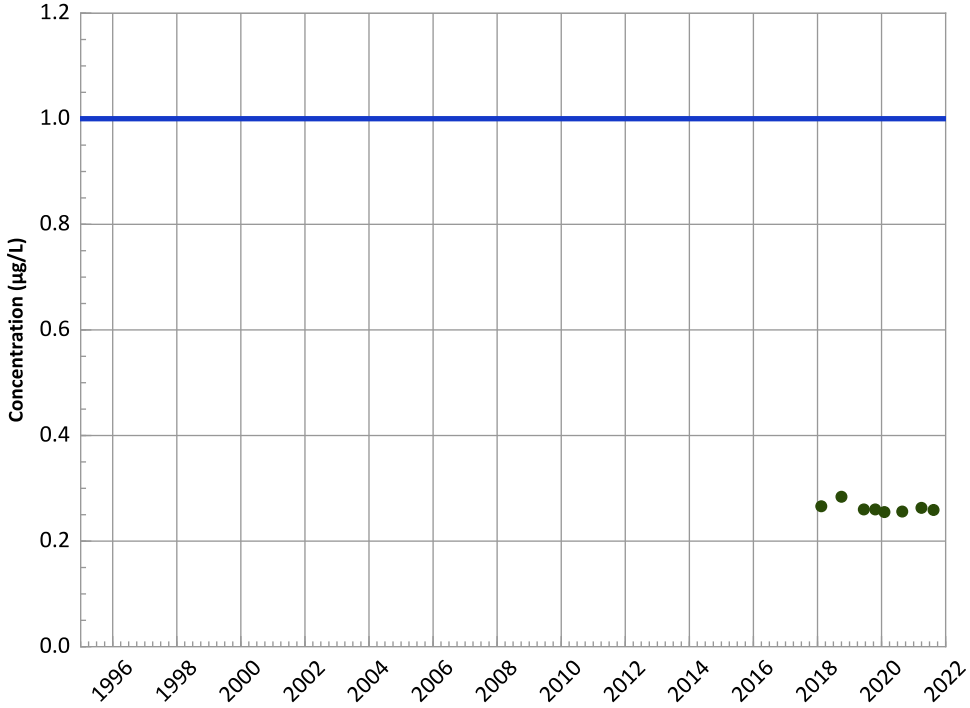


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

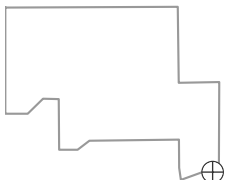
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

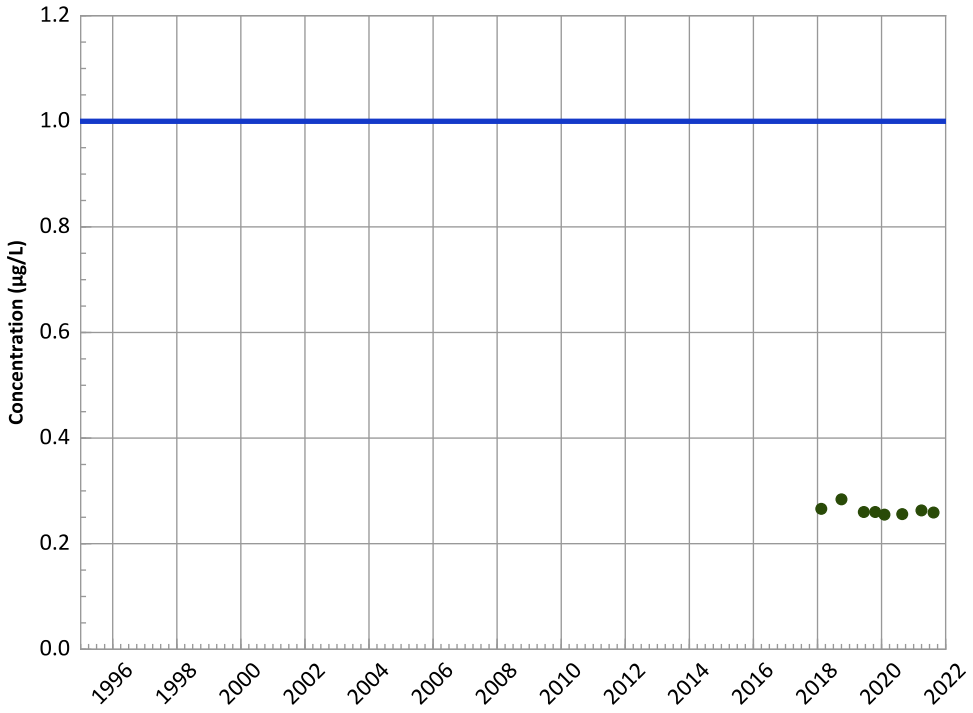
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

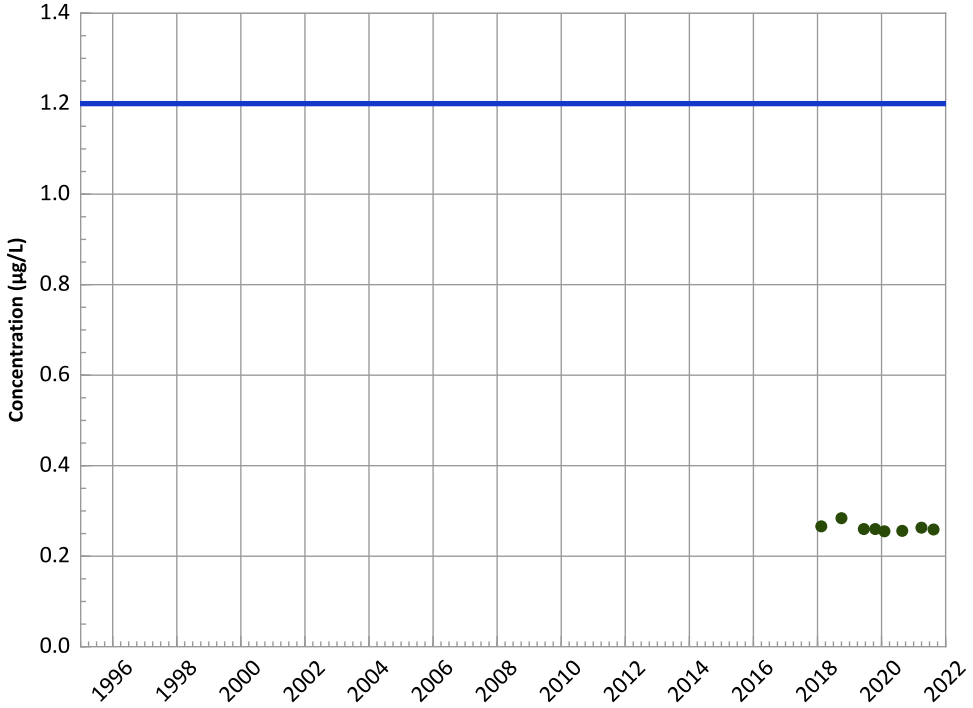


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

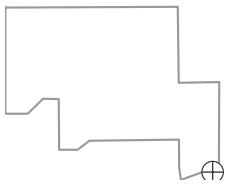


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

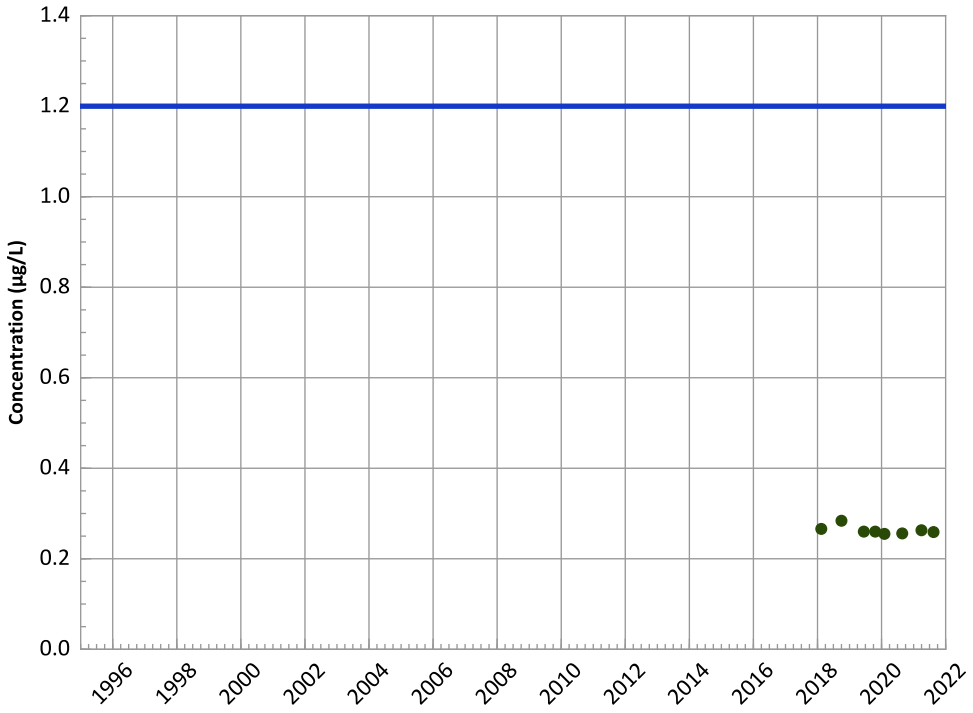


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

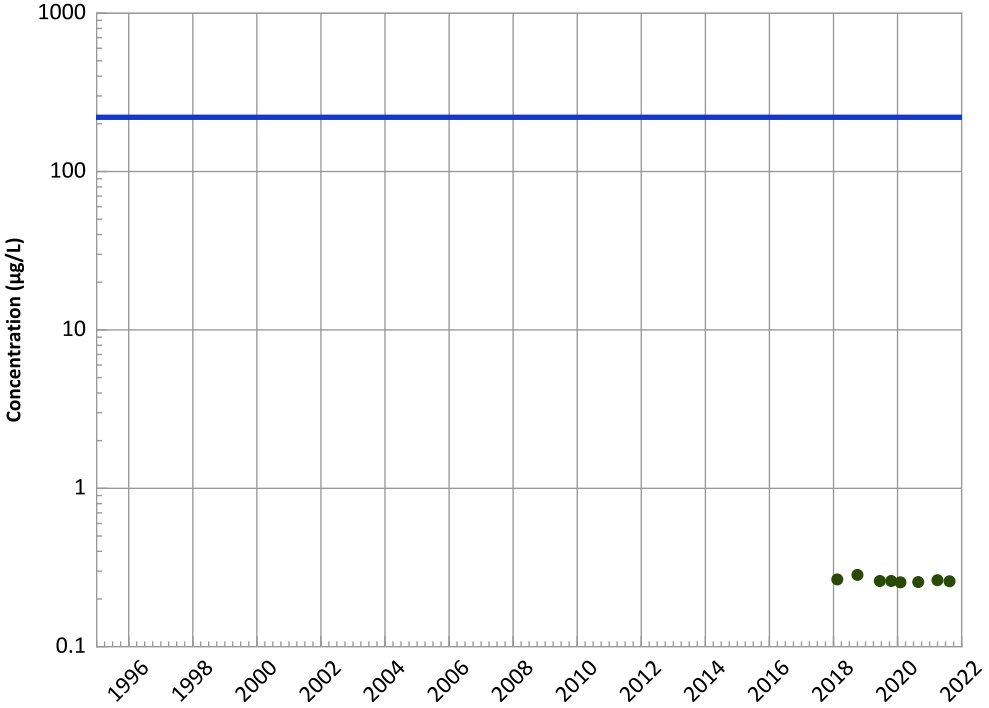


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

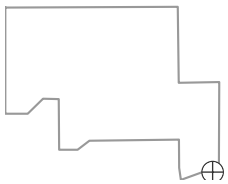
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

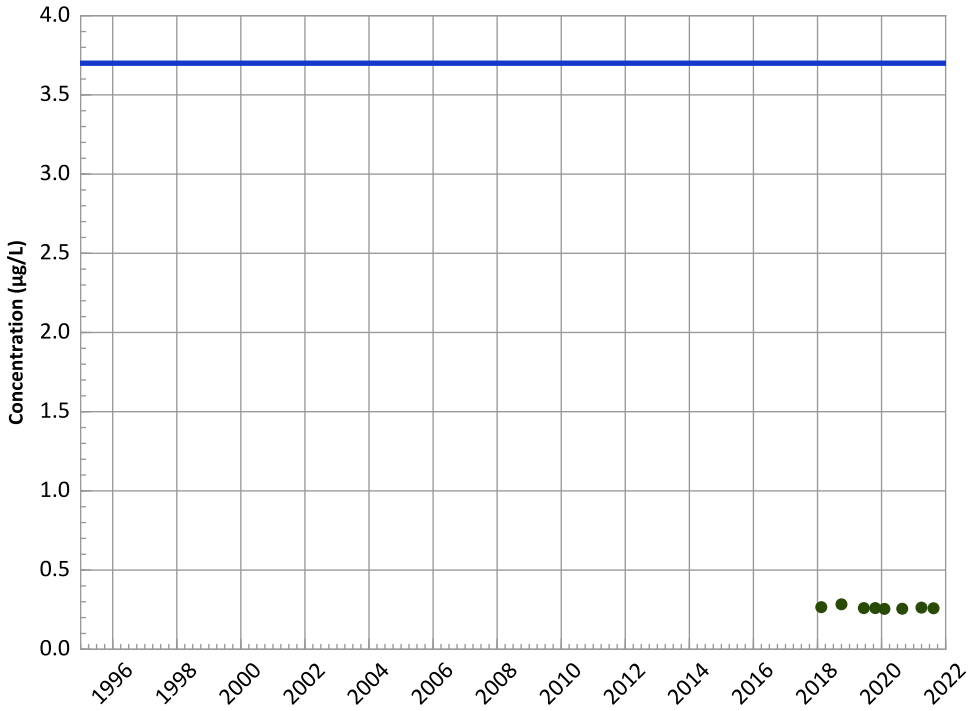
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

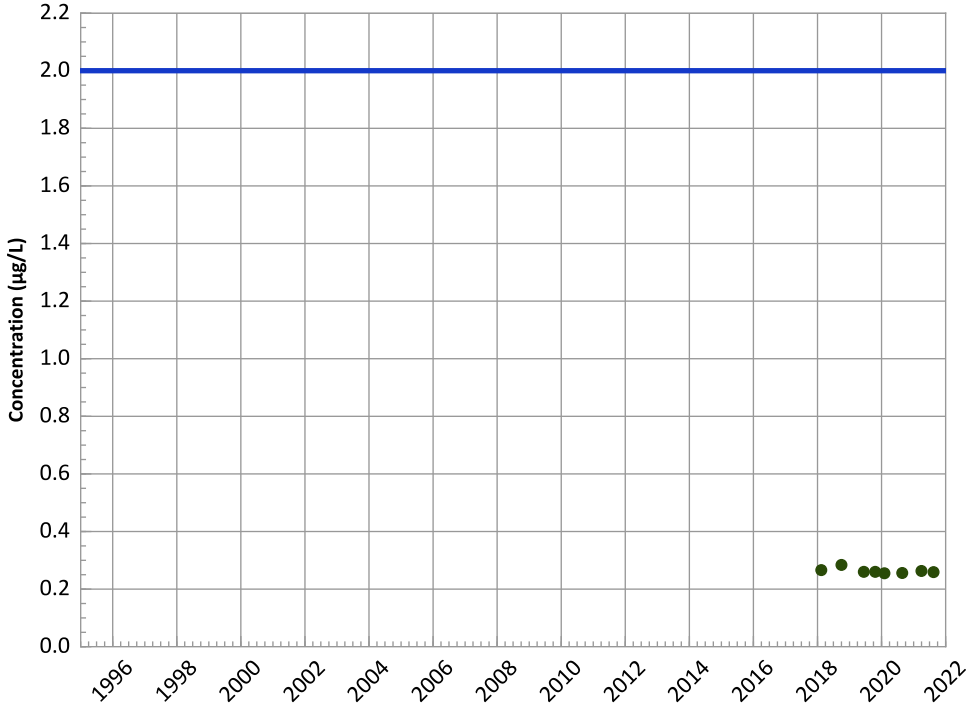


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

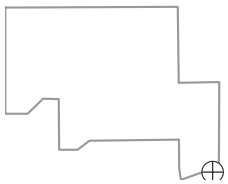
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

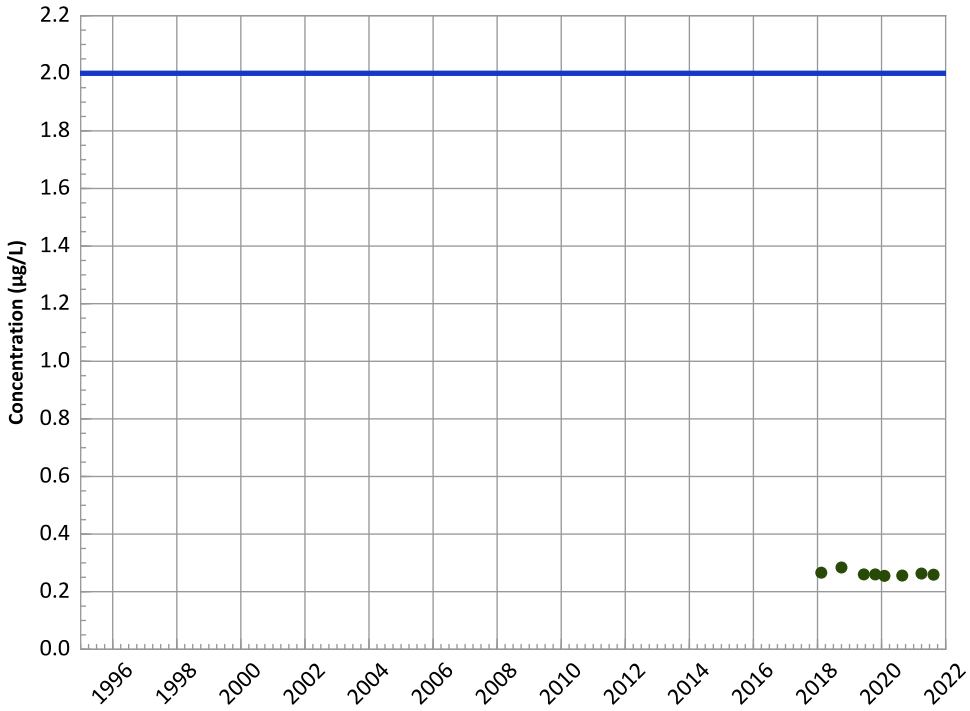
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

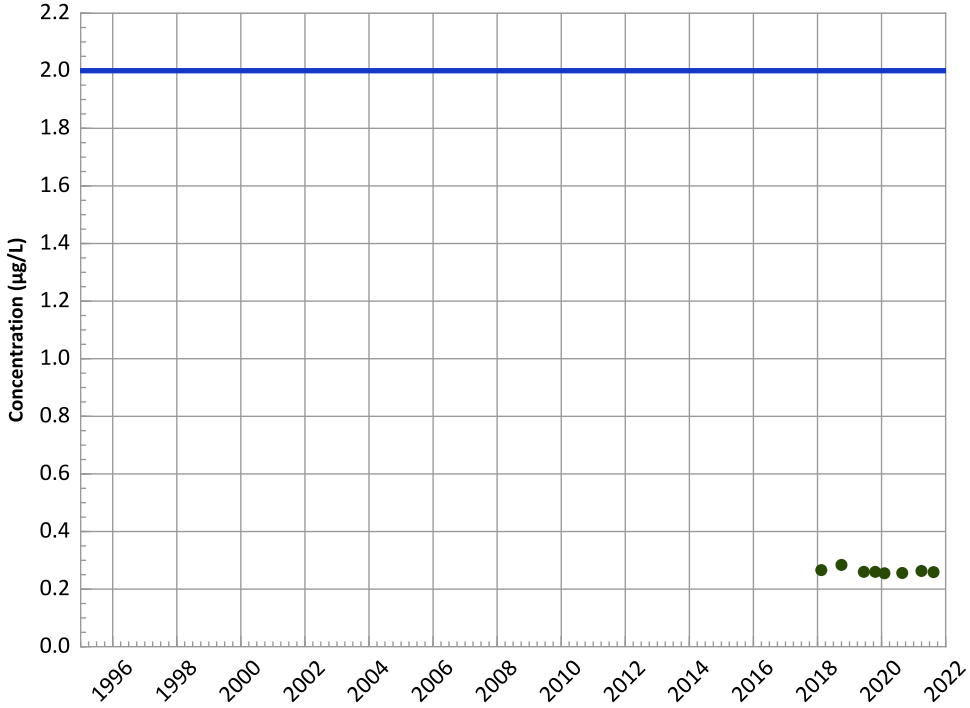


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

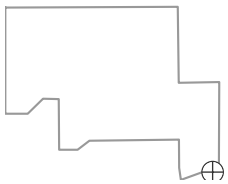
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

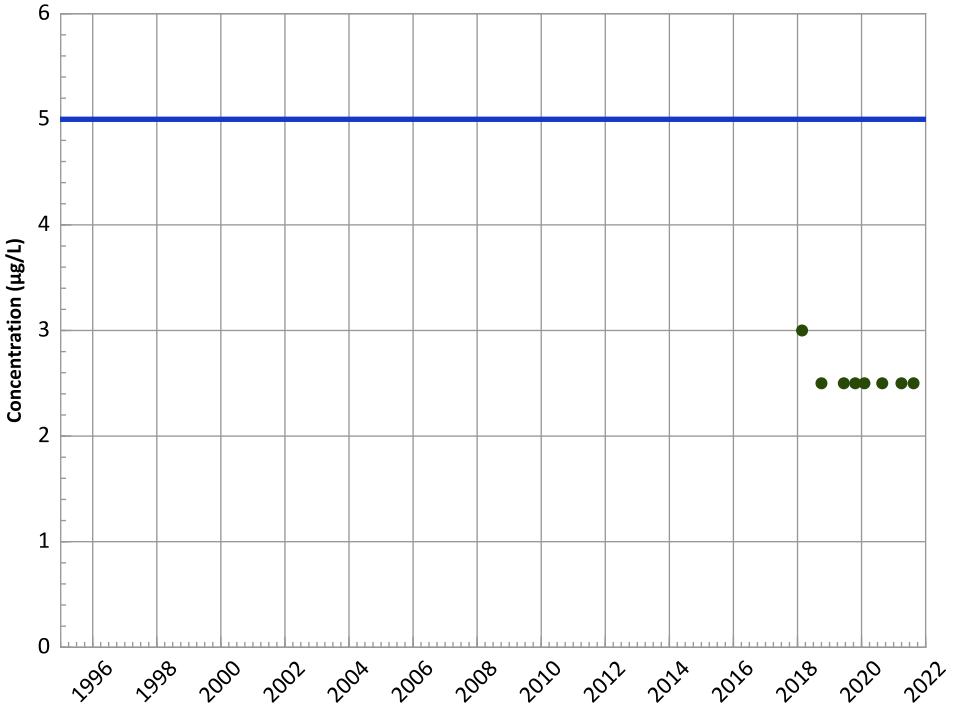
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

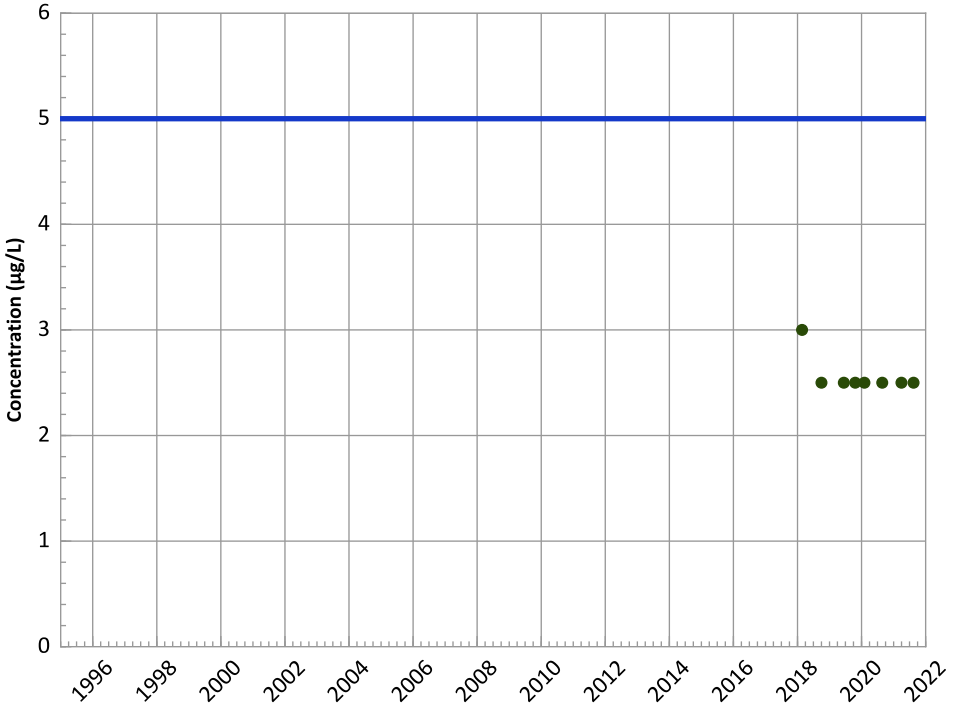


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

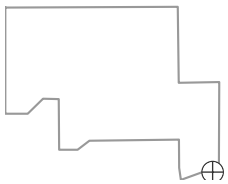


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

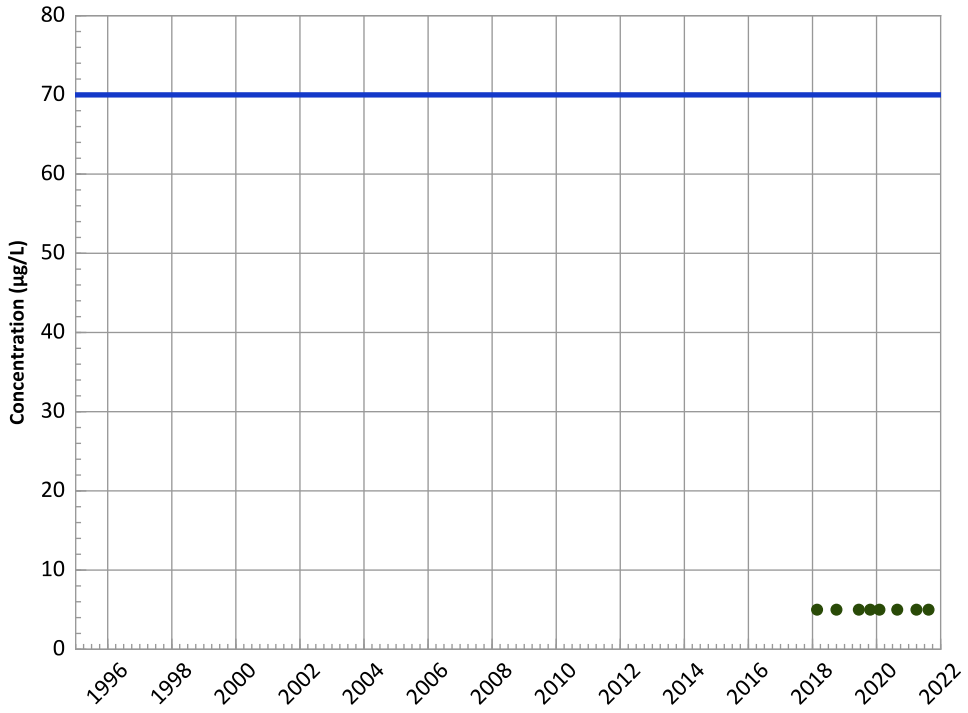


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

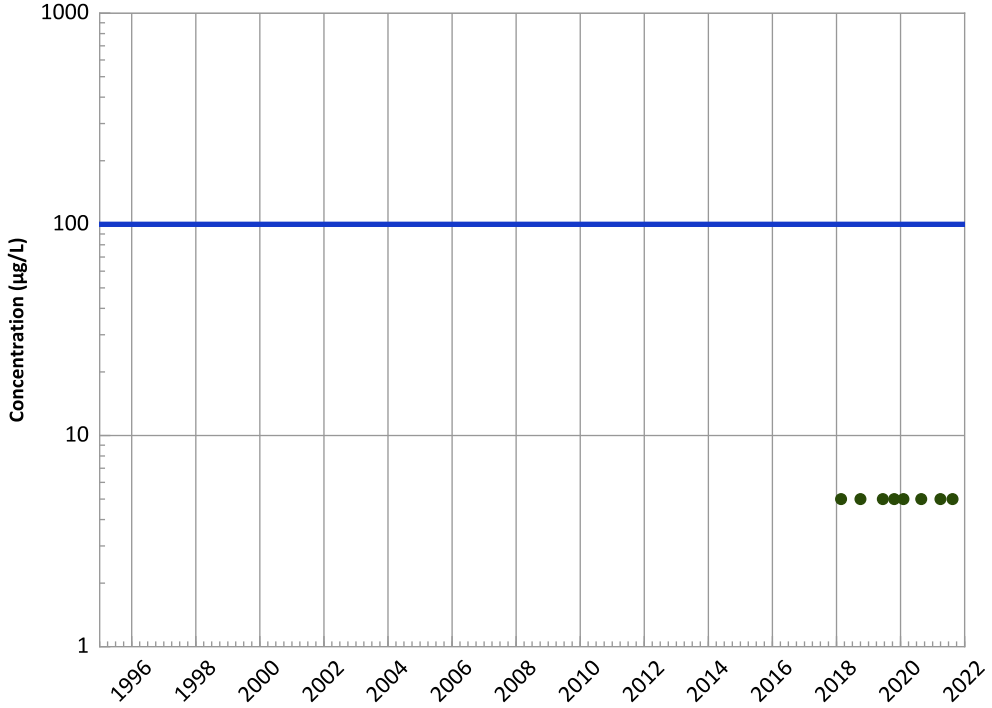


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend

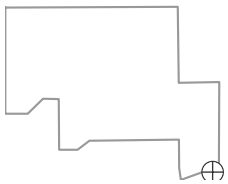


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

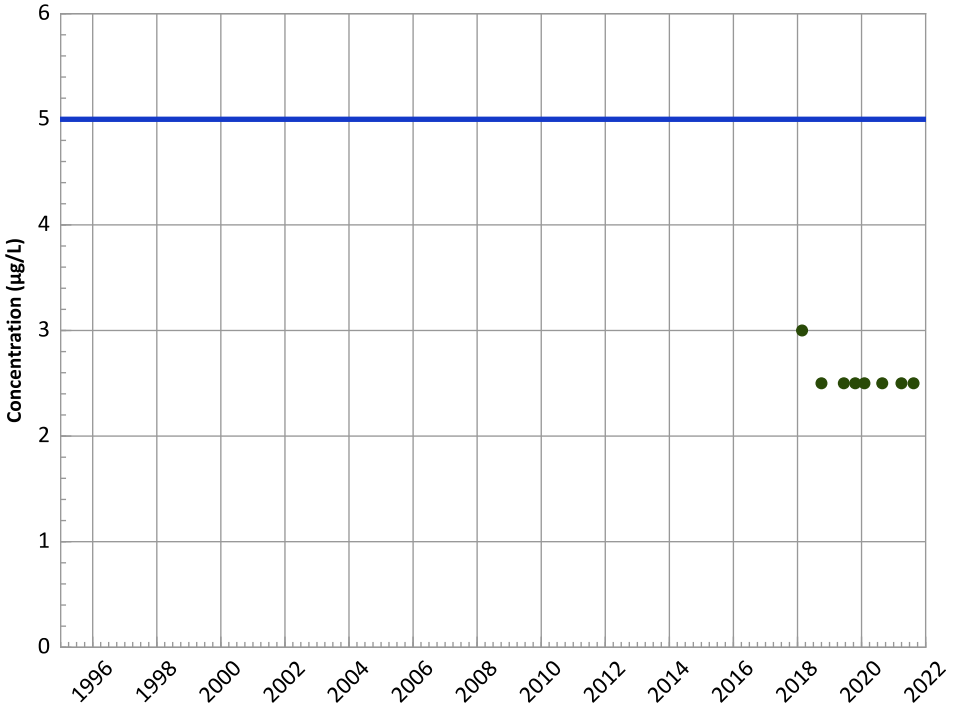


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

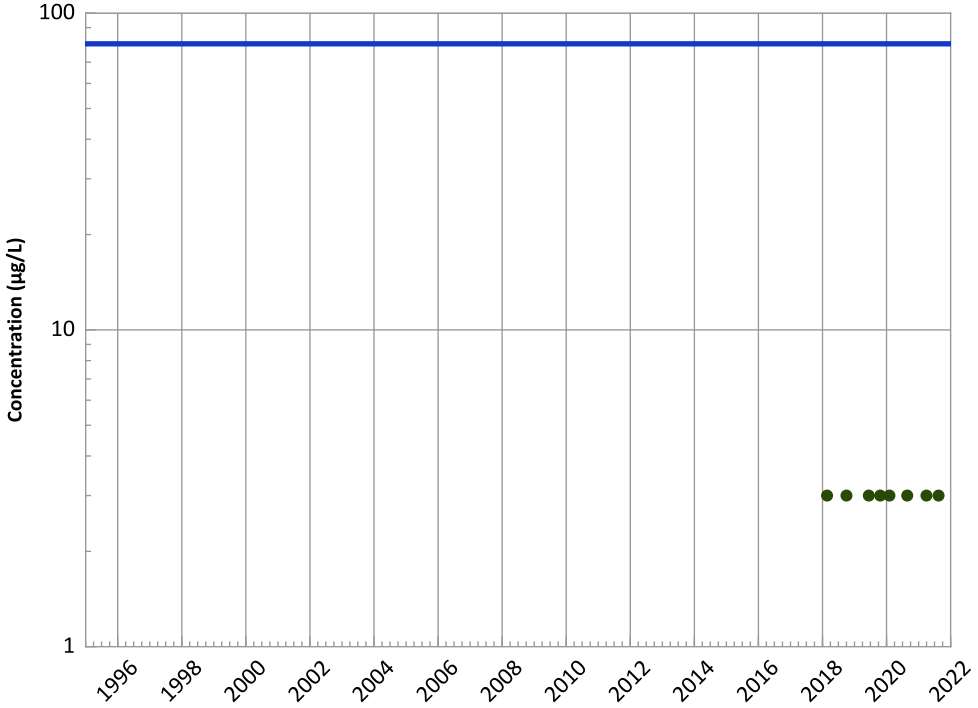


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

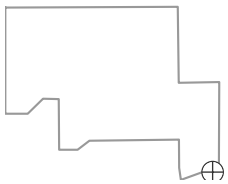
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

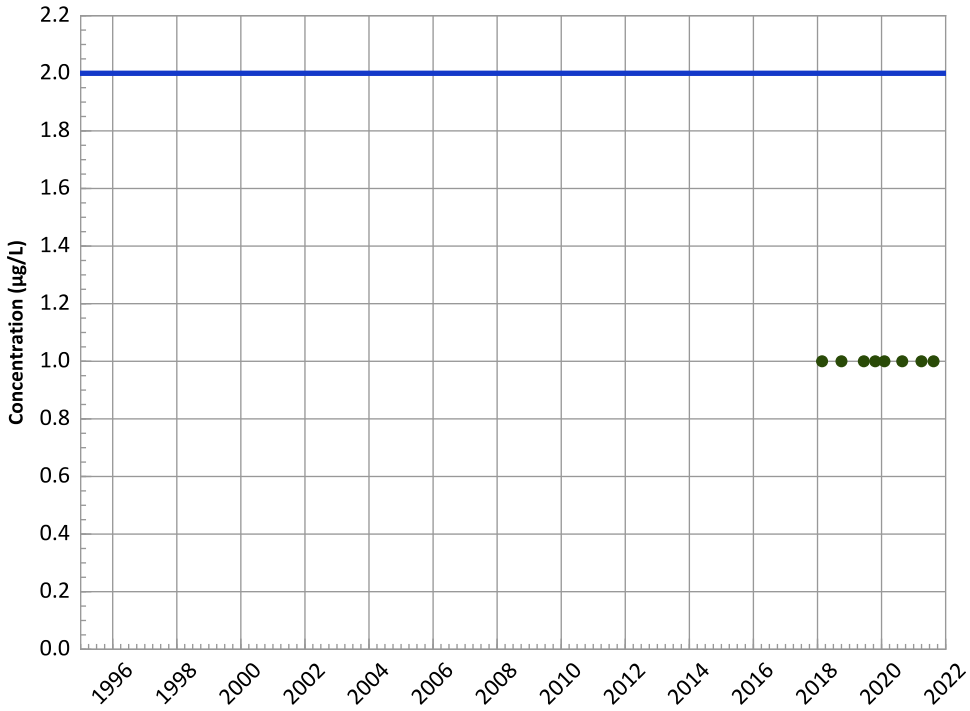
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

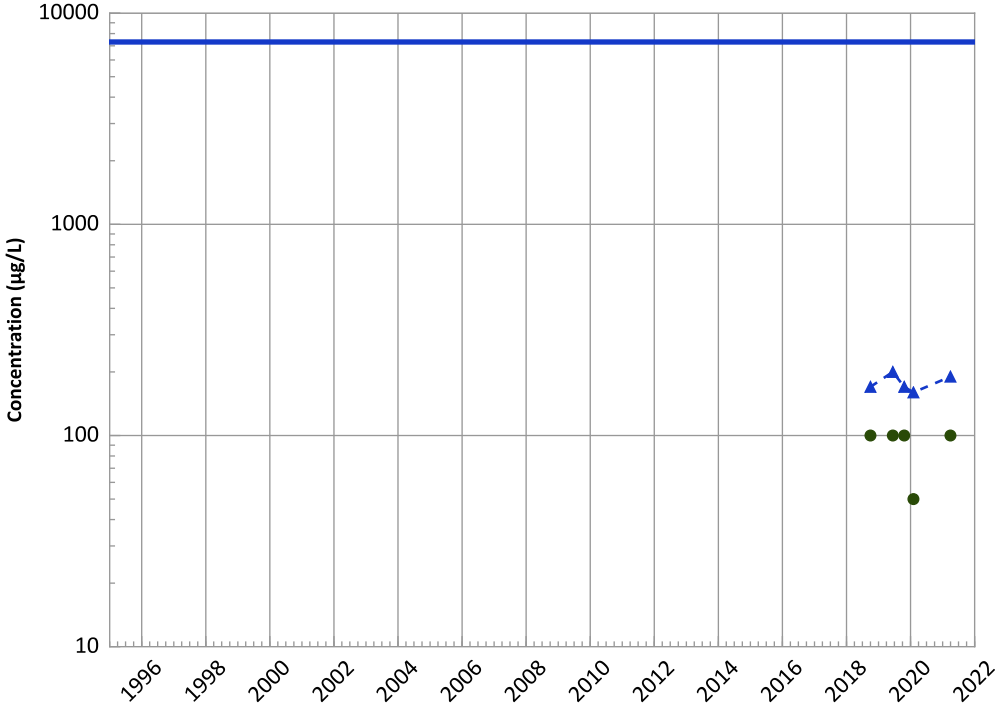


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

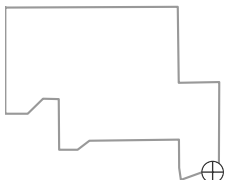
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

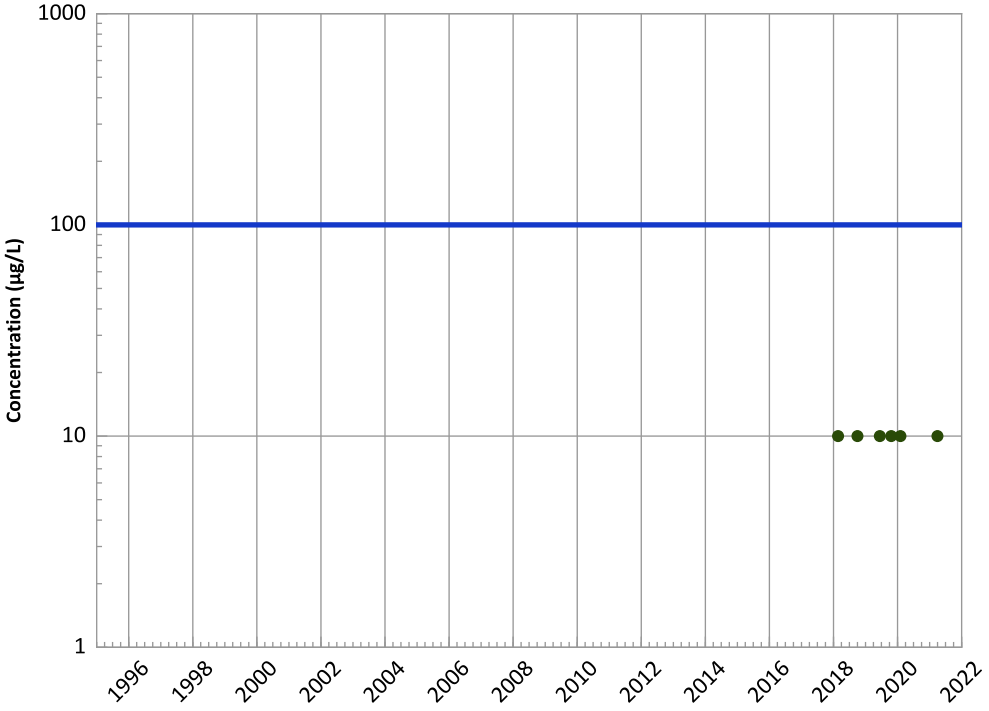
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

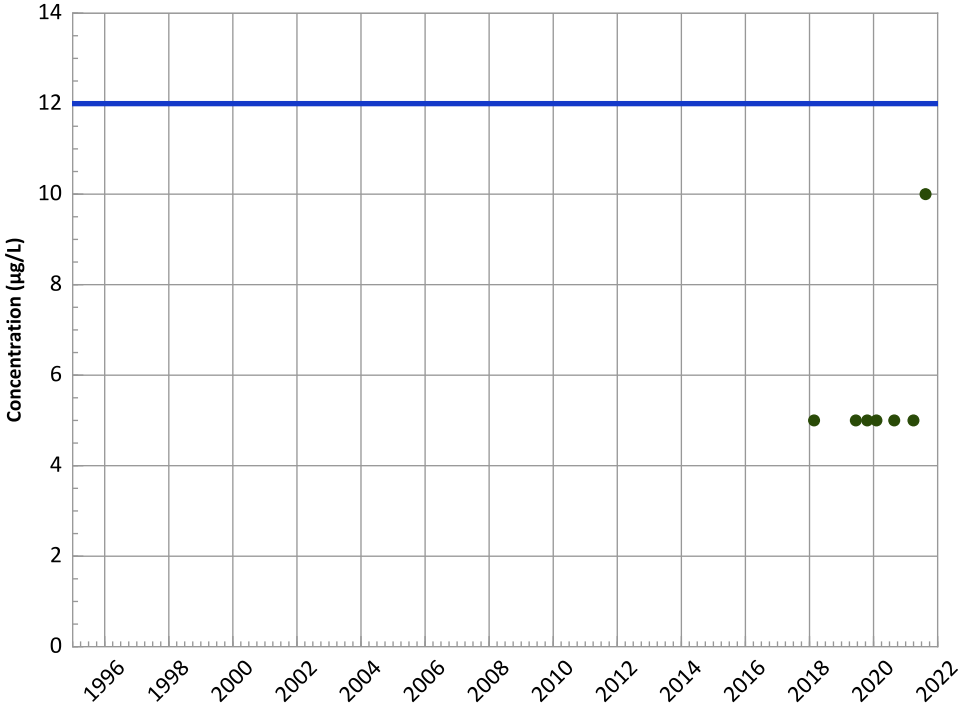


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Arsenic Trend

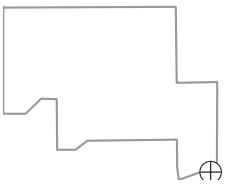


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

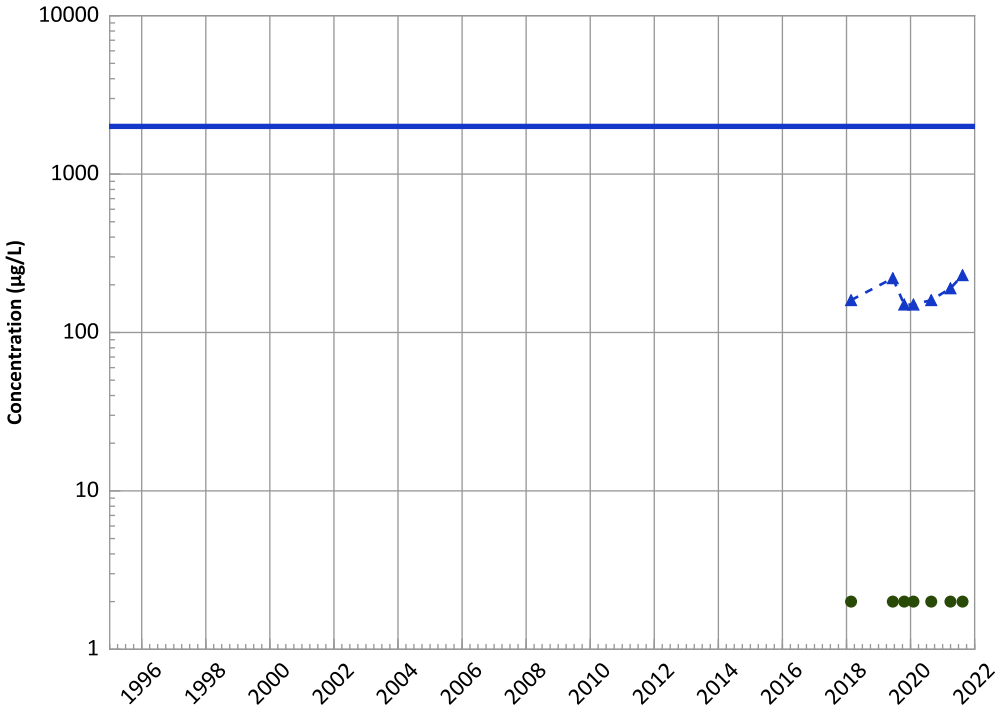


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

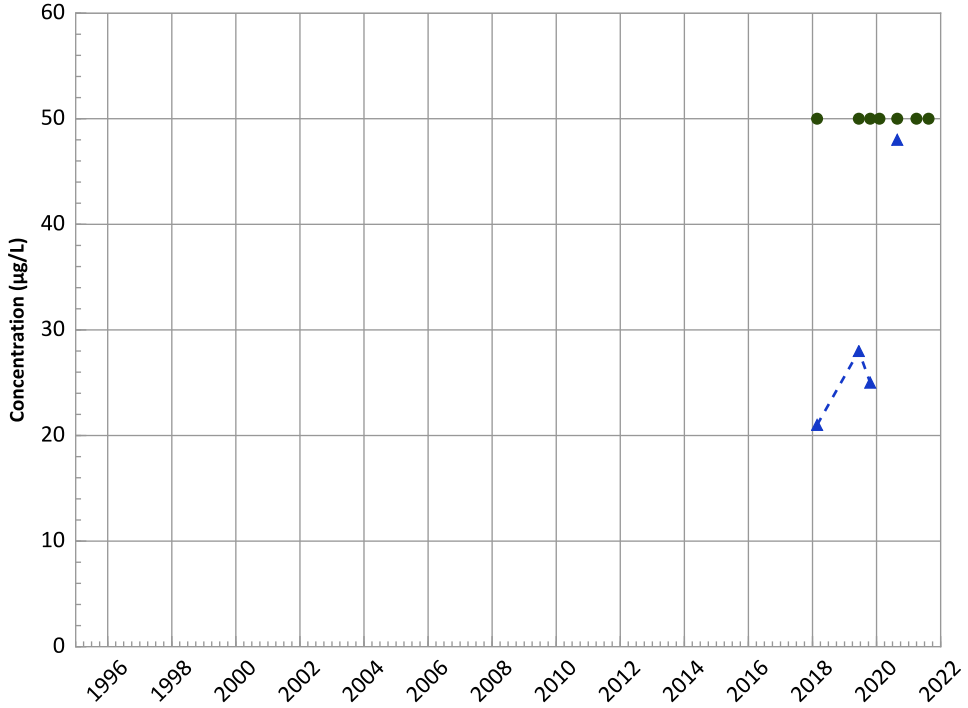


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Increasing

Iron Trend

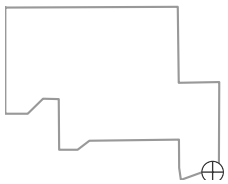


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Well Location

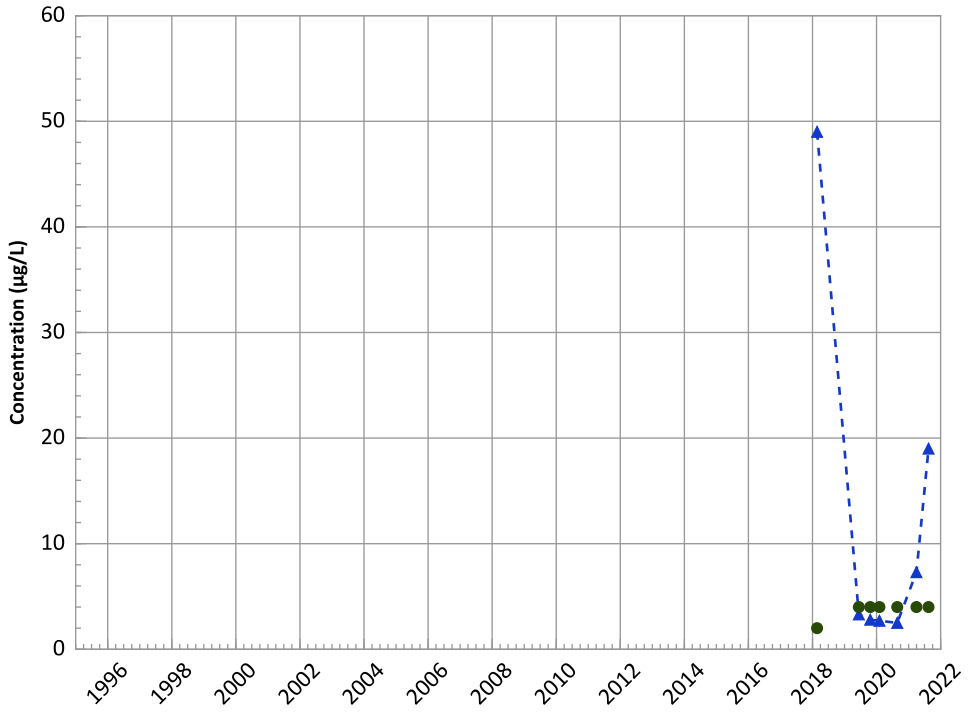


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

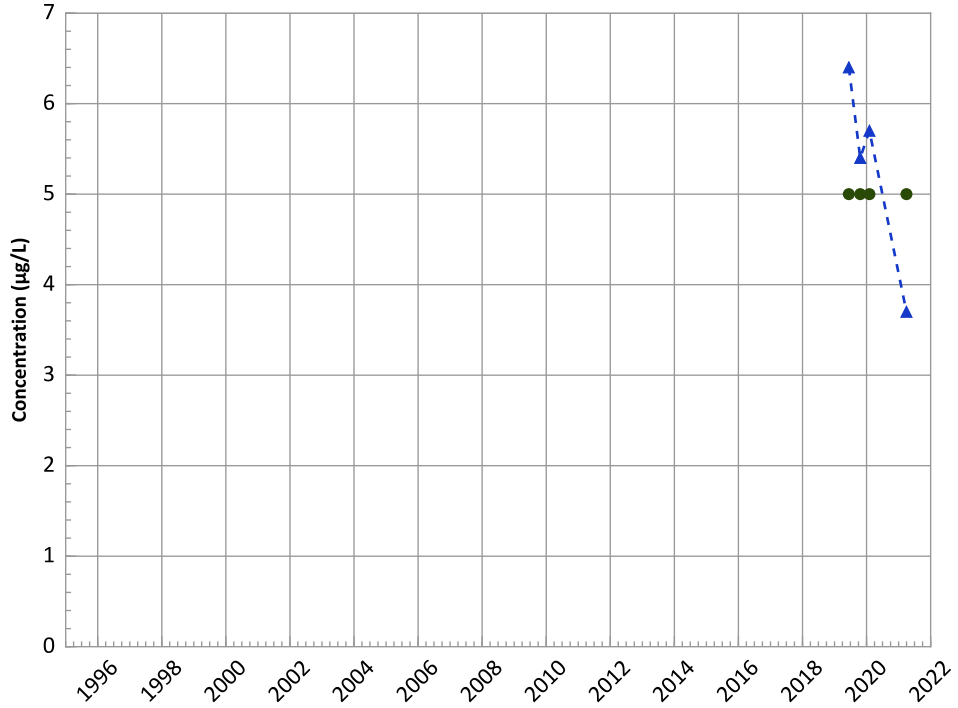


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

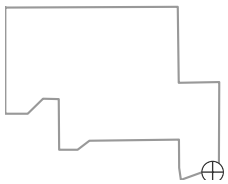
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

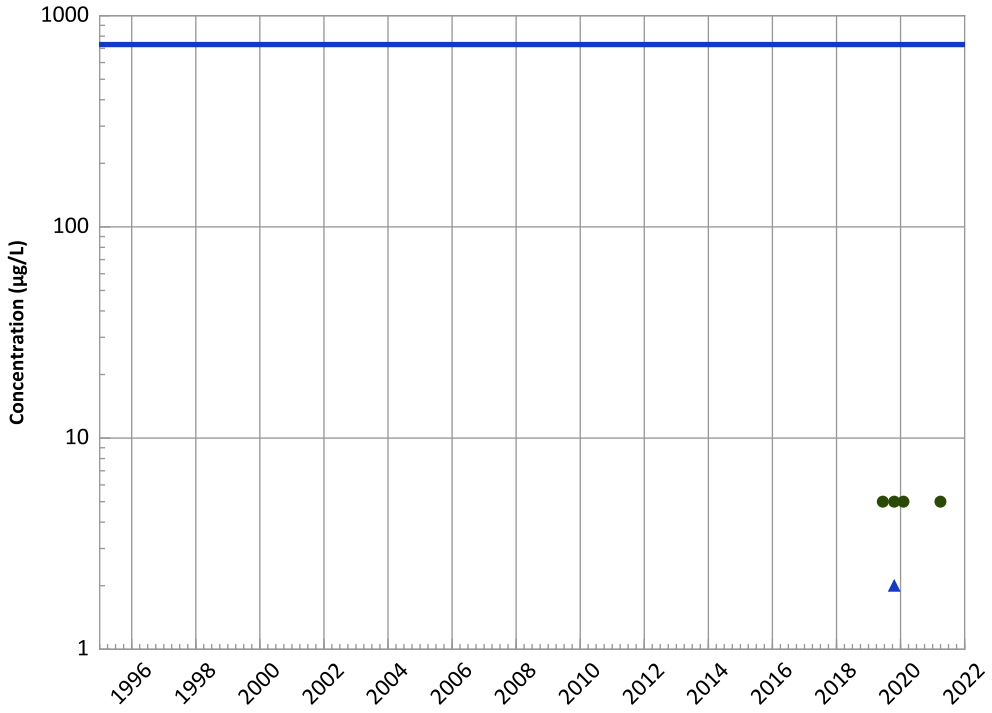
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

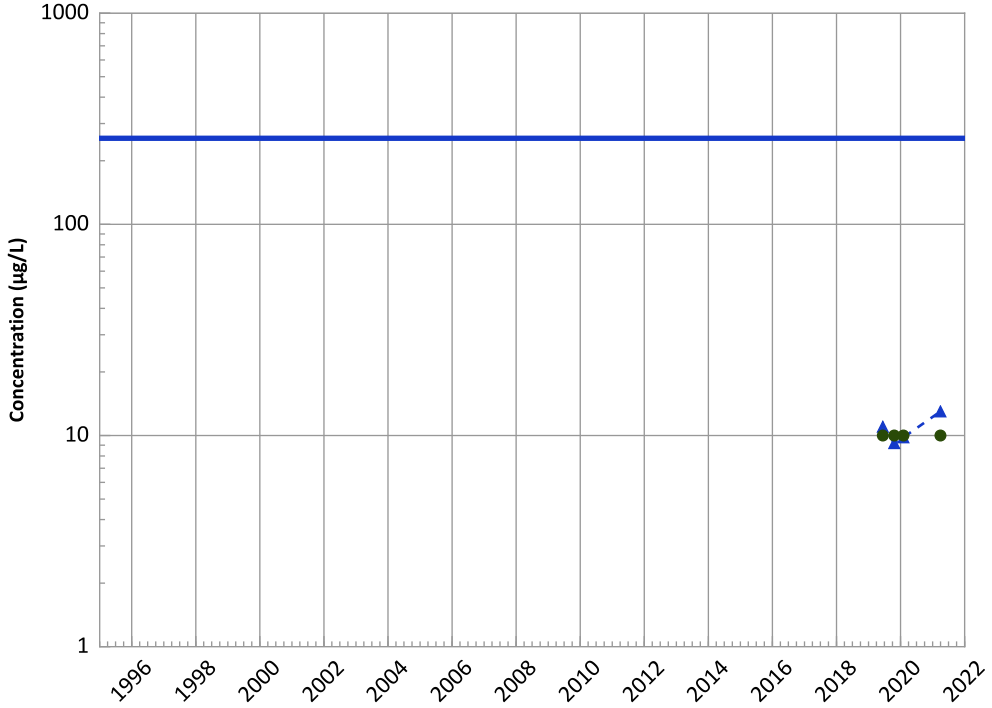


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

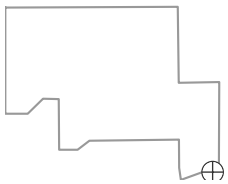
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

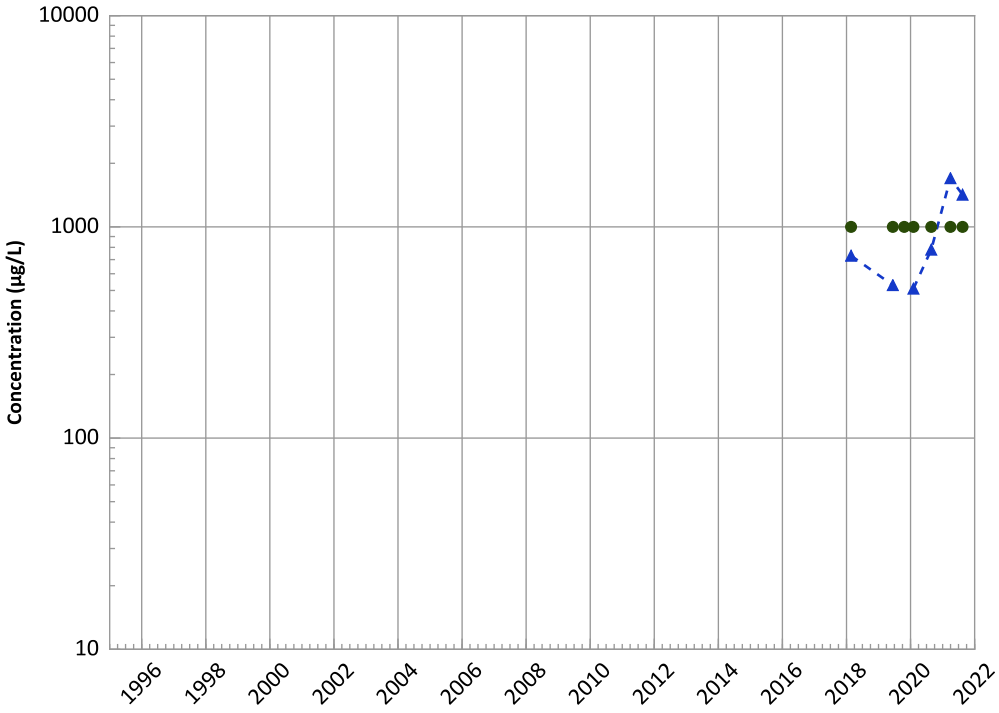
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1194 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

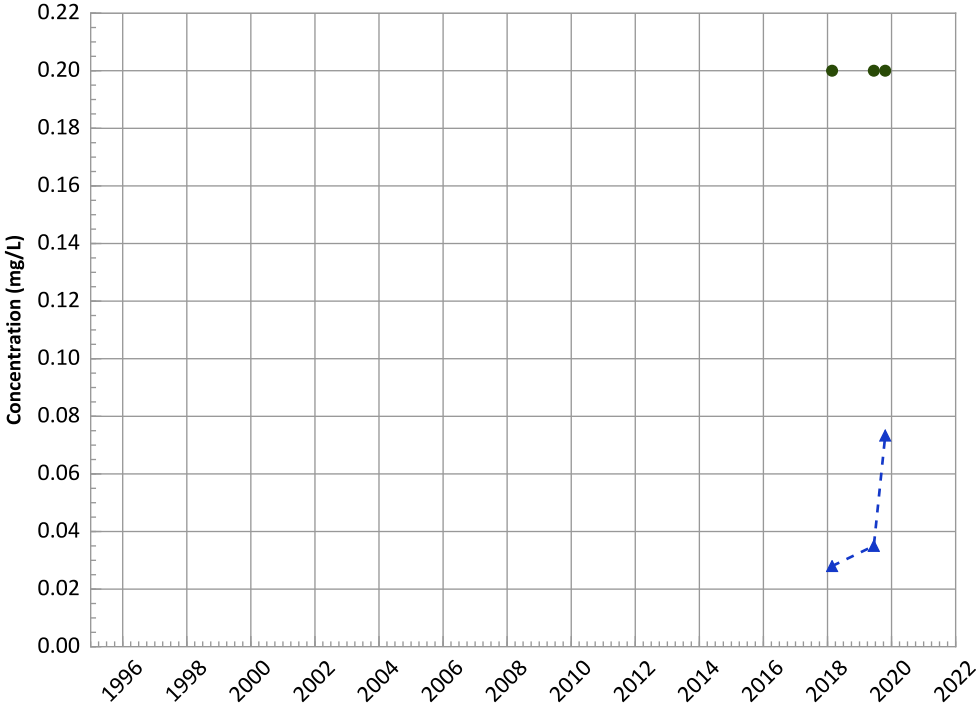


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

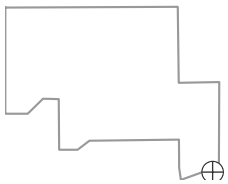
MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

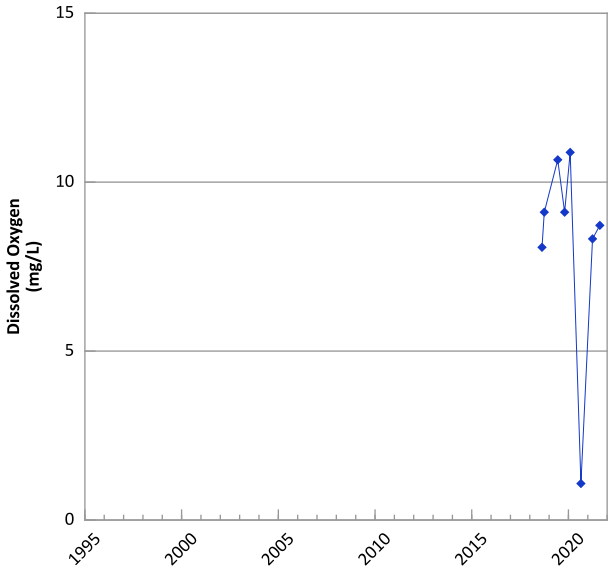
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 02/13/2018 to 08/16/2021
Analysis Date: 05/02/2022

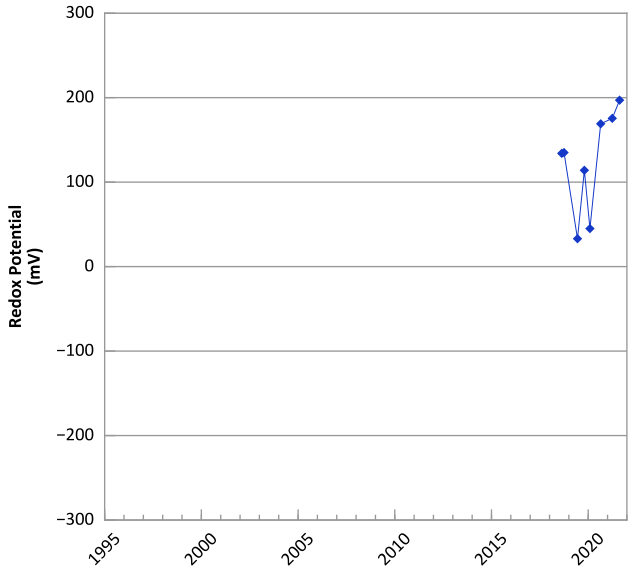
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

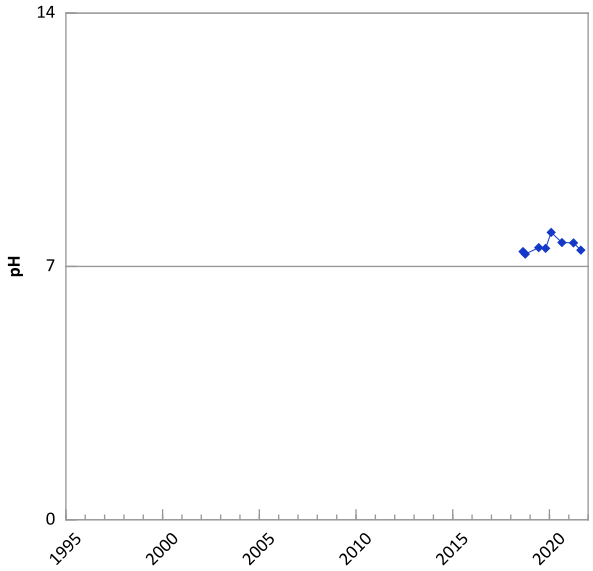
Well Location

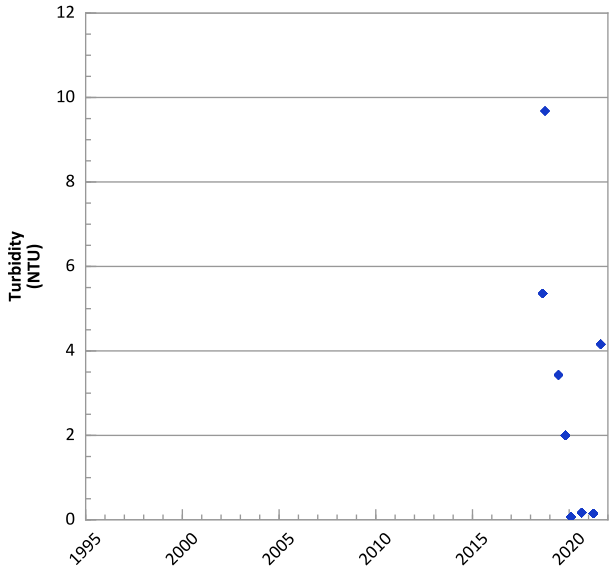


PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



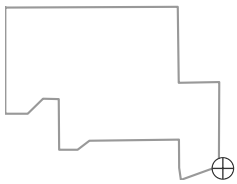






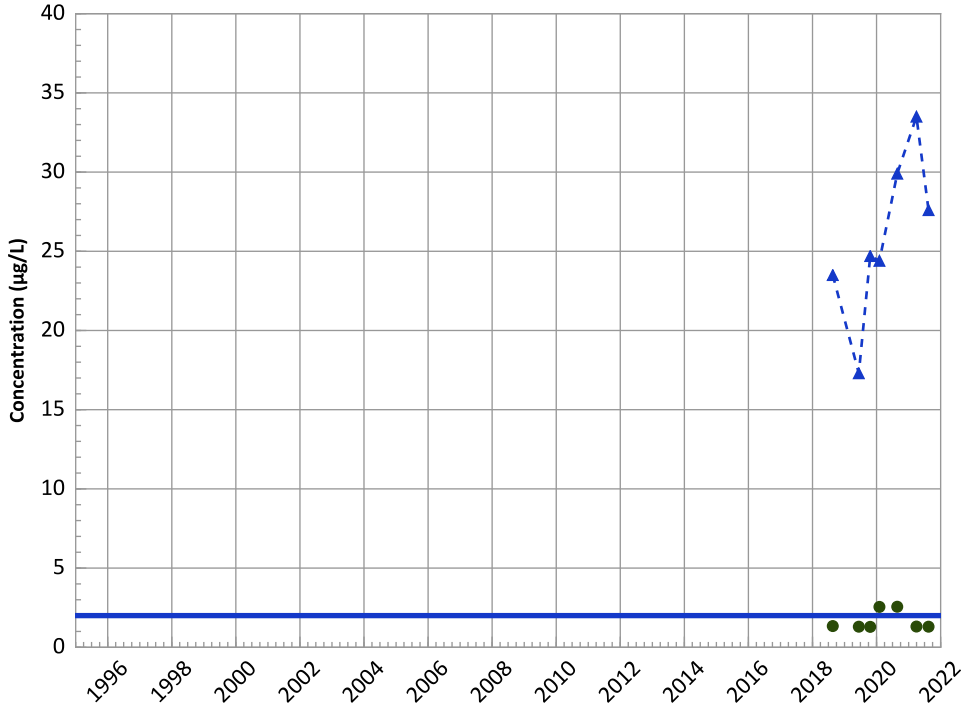
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

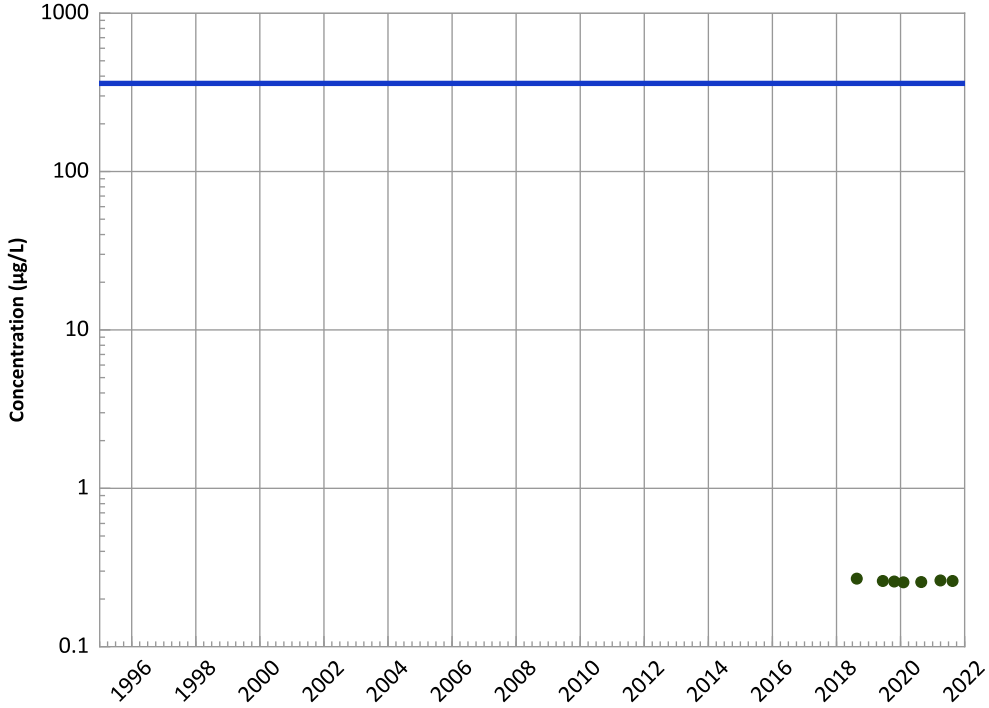


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

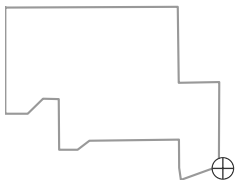
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

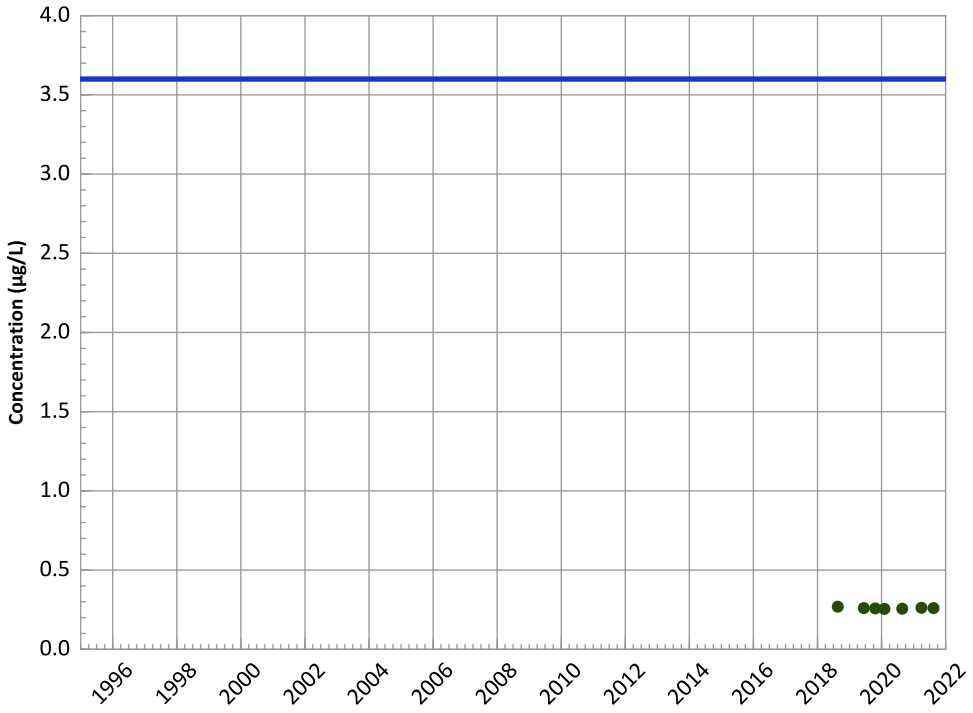
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

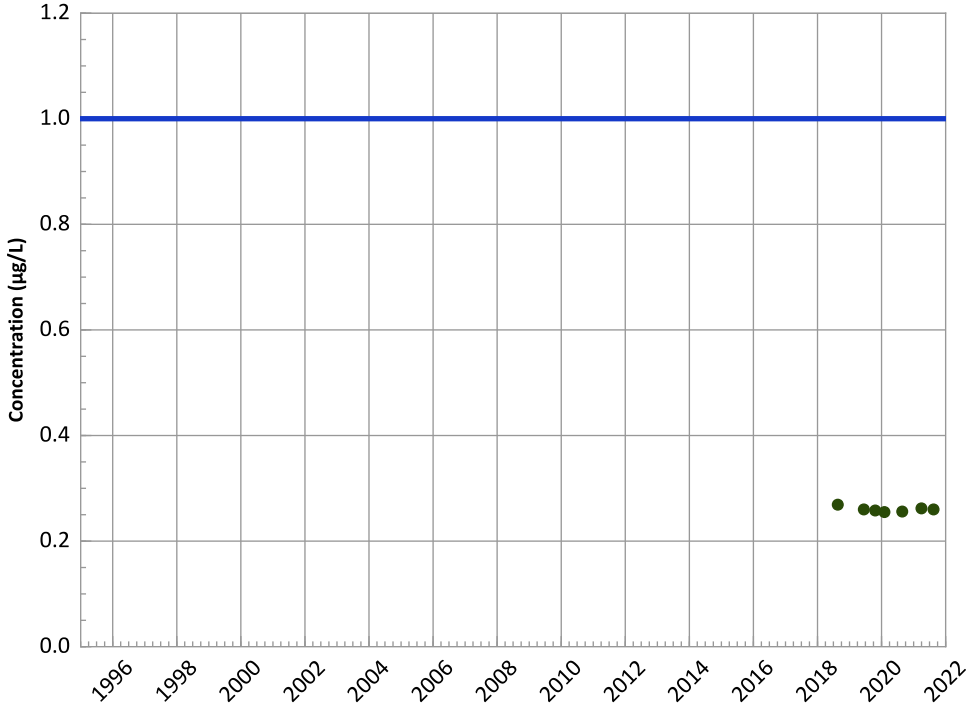


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

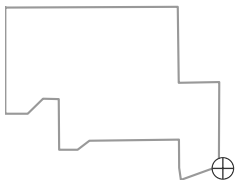
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

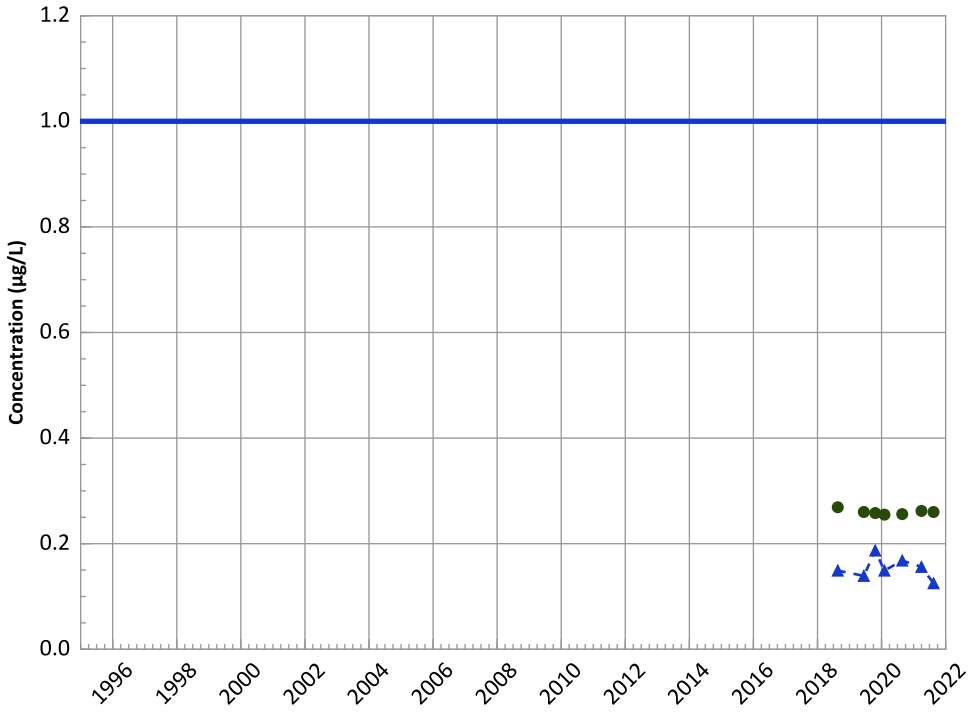
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

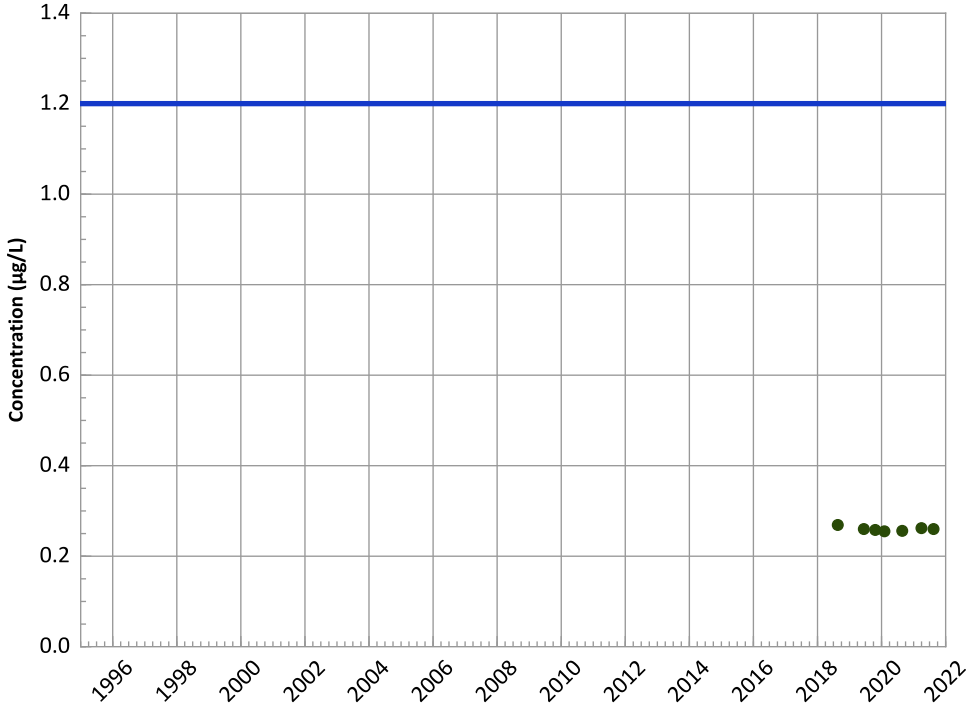


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

2-Amino-4,6-Dinitrotoluene Trend

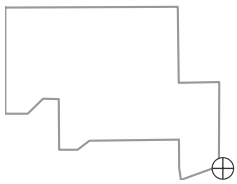


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

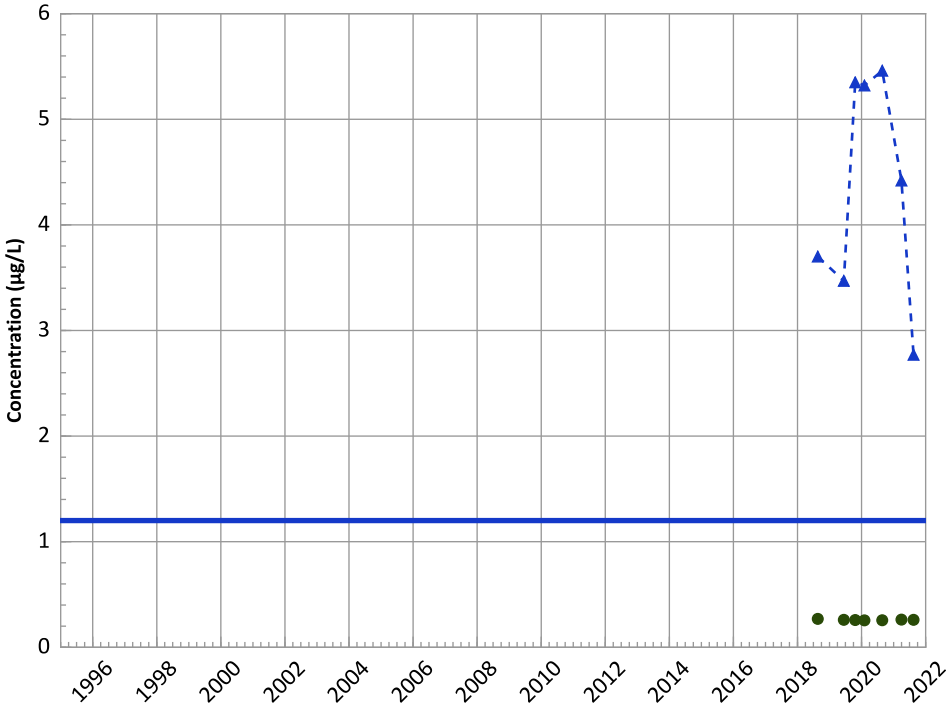


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

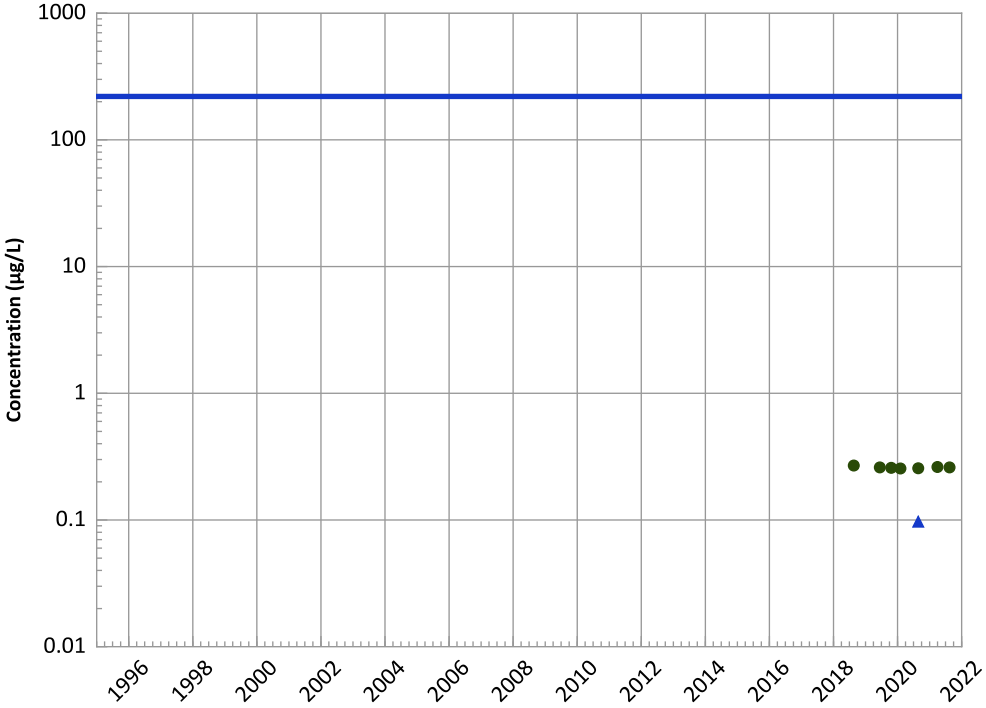


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

1,3,5-Trinitrobenzene Trend



Concentration Trend

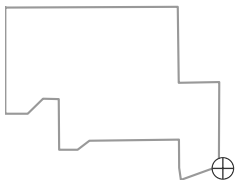
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

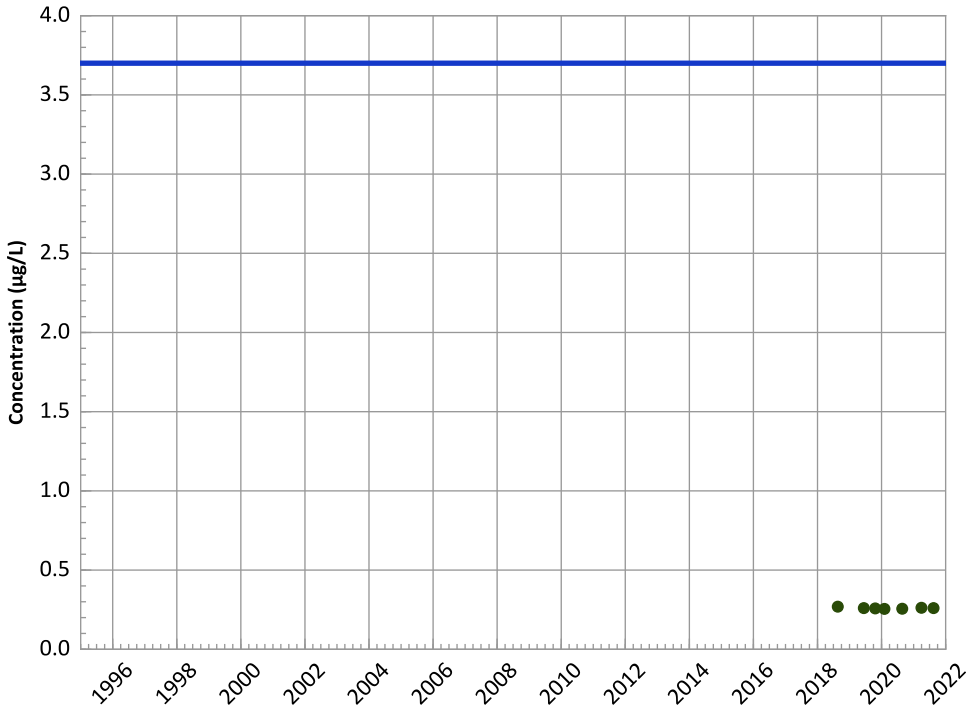
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

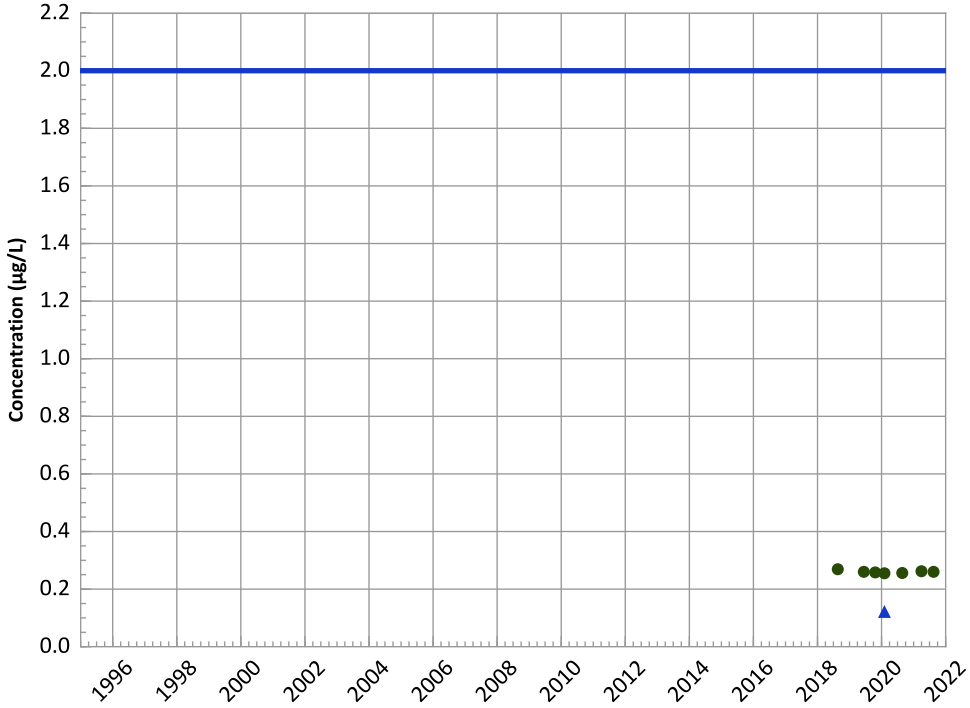


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1-Nitroso-3,5-Dinitro-1,3,5-Triazine (MNX) Trend



Concentration Trend

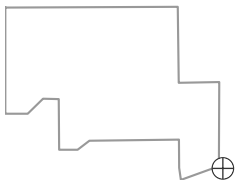
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

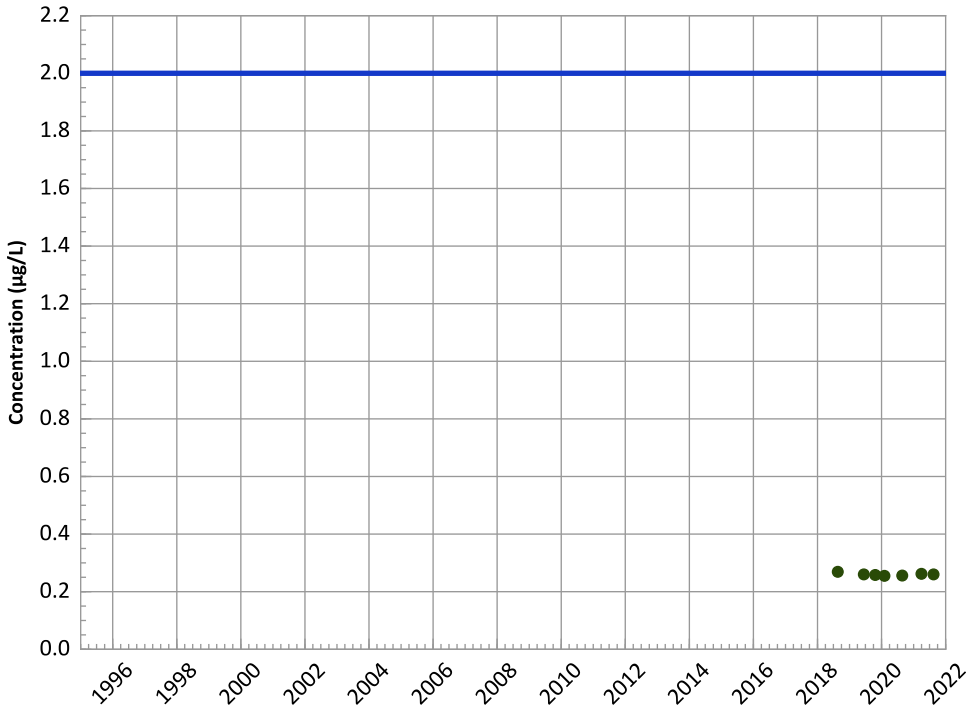
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Hexahydro-1,3-Dinitroso-5-Nitro-1,3,5-Triazine (DNX) Trend

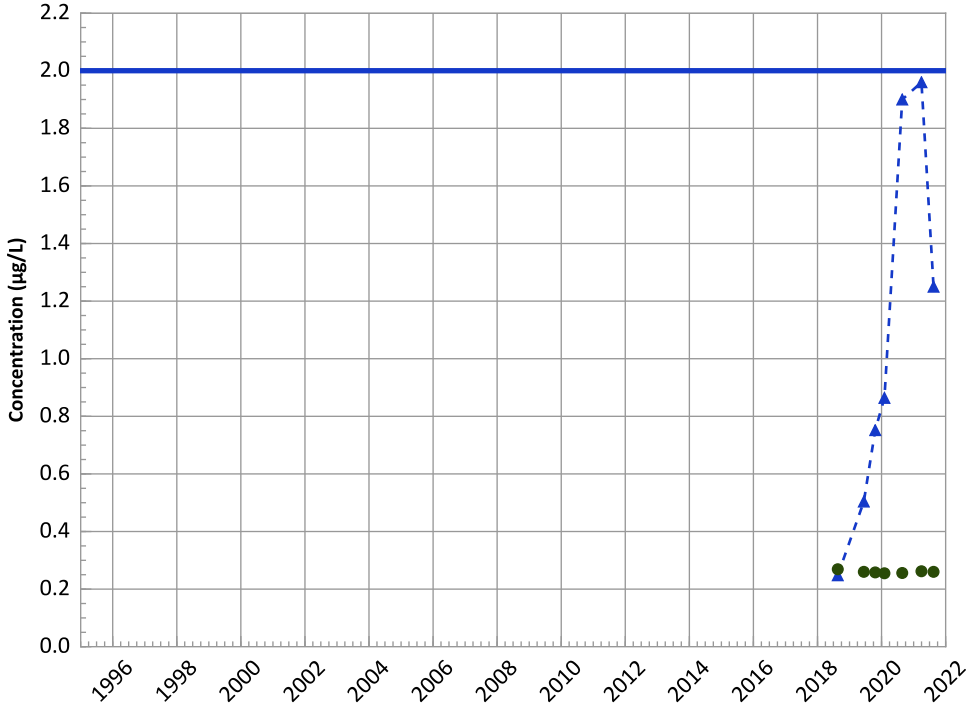


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Hexahydro-1,3,5-Trinitroso-1,3,5-Triazine (TNX) Trend



Concentration Trend

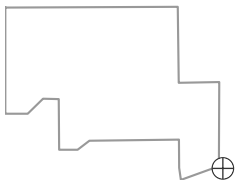
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

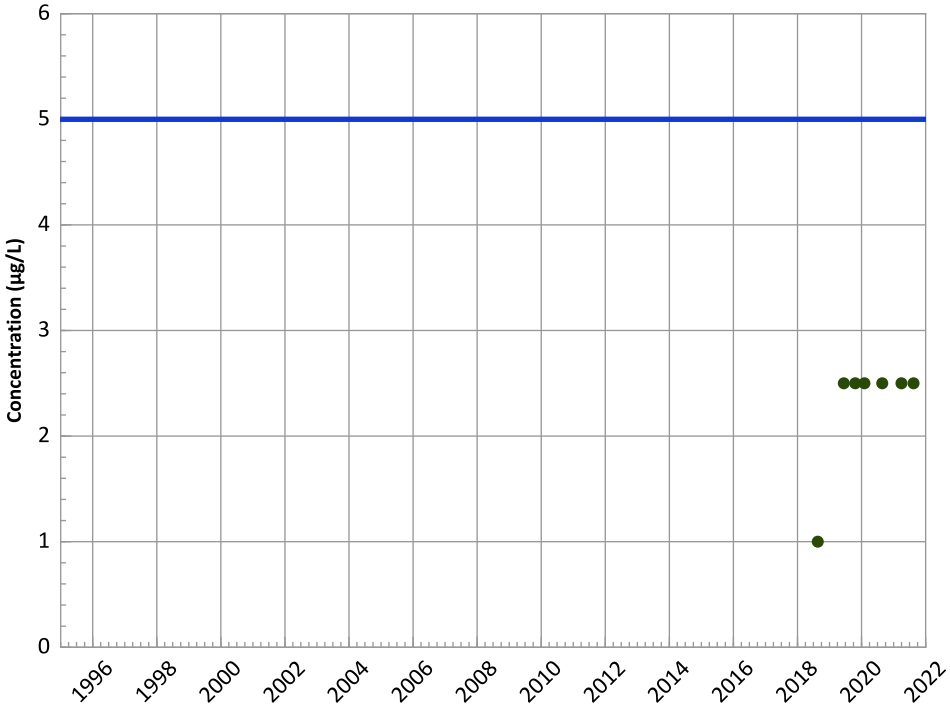
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

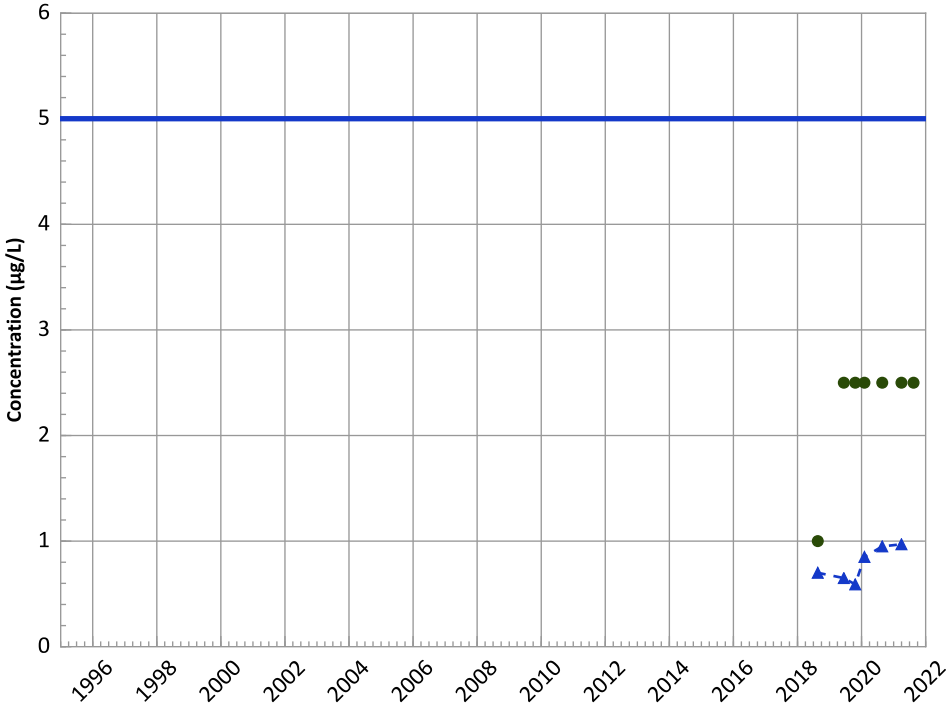


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

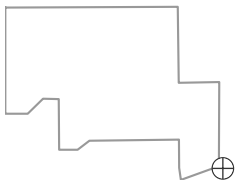


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Increasing

Well Location

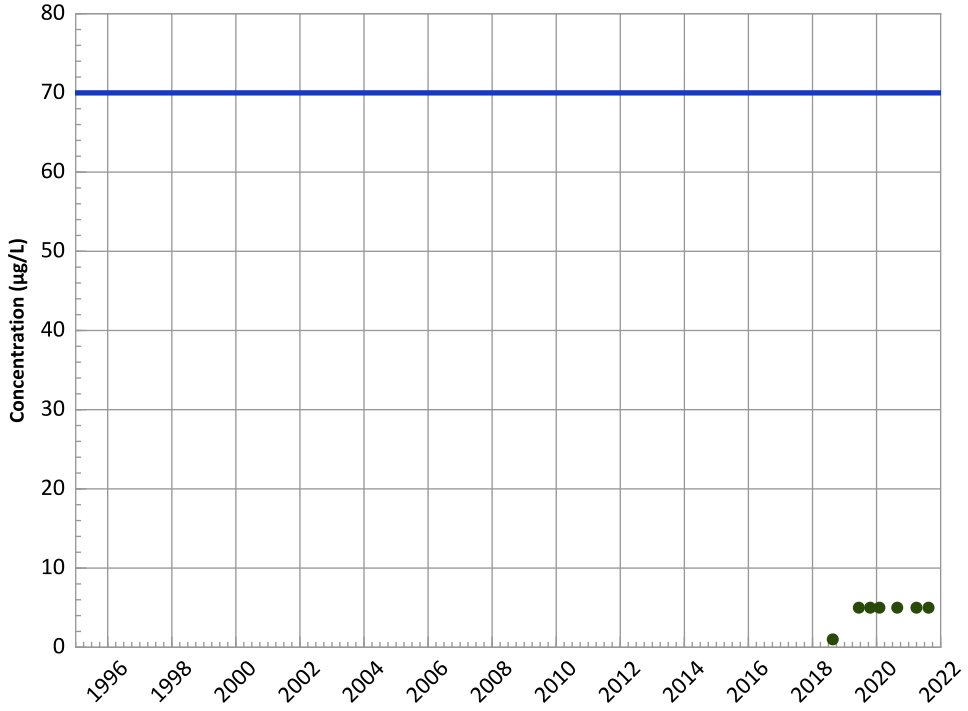


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

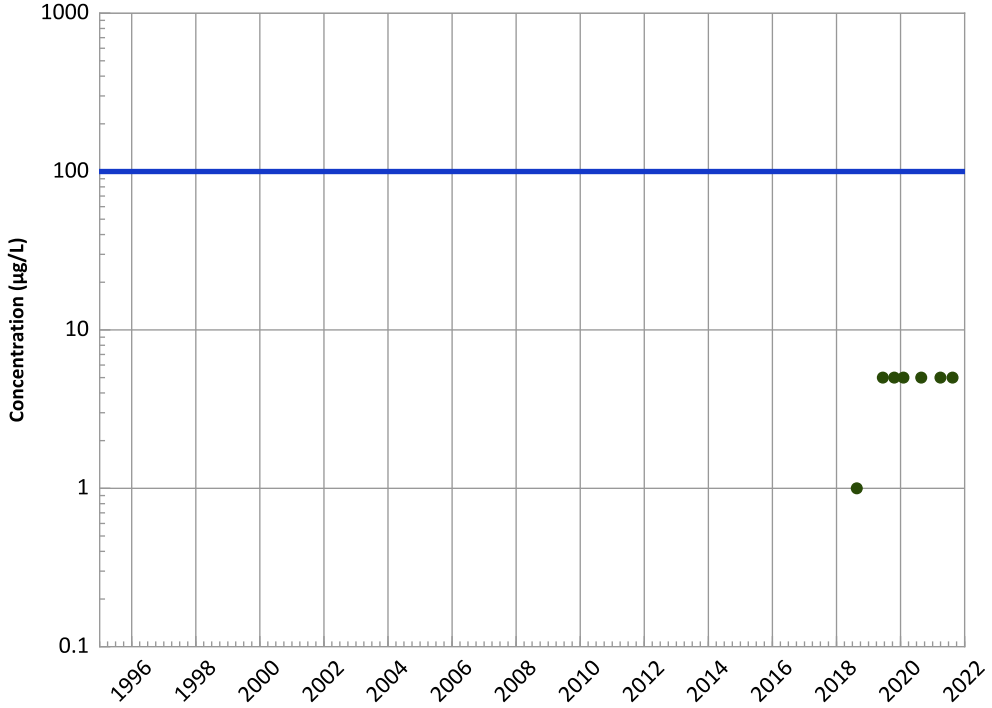


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

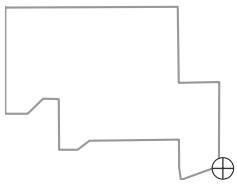
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

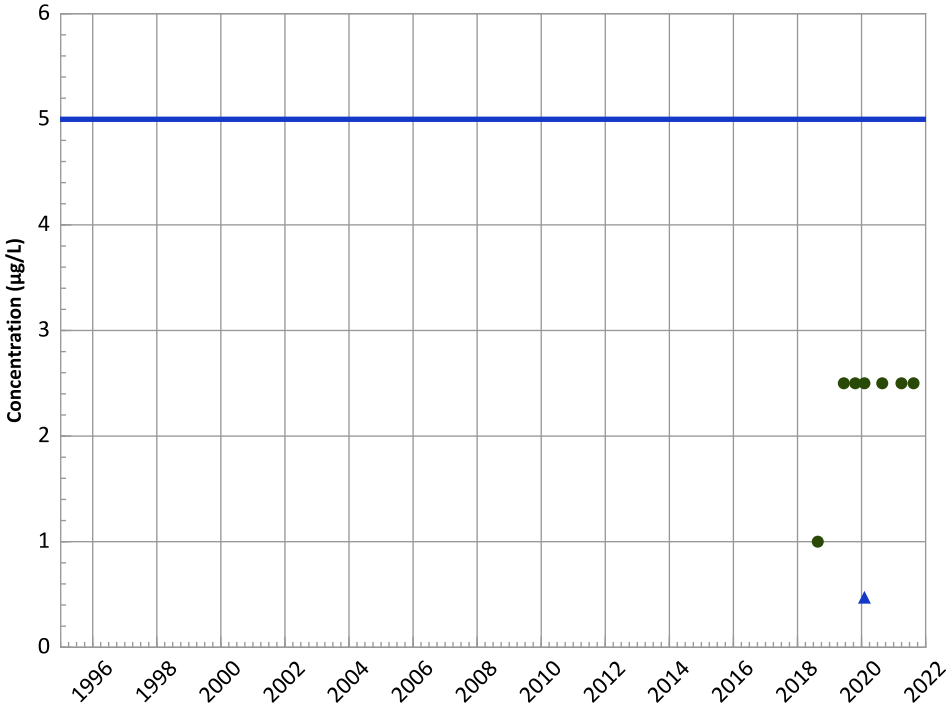
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

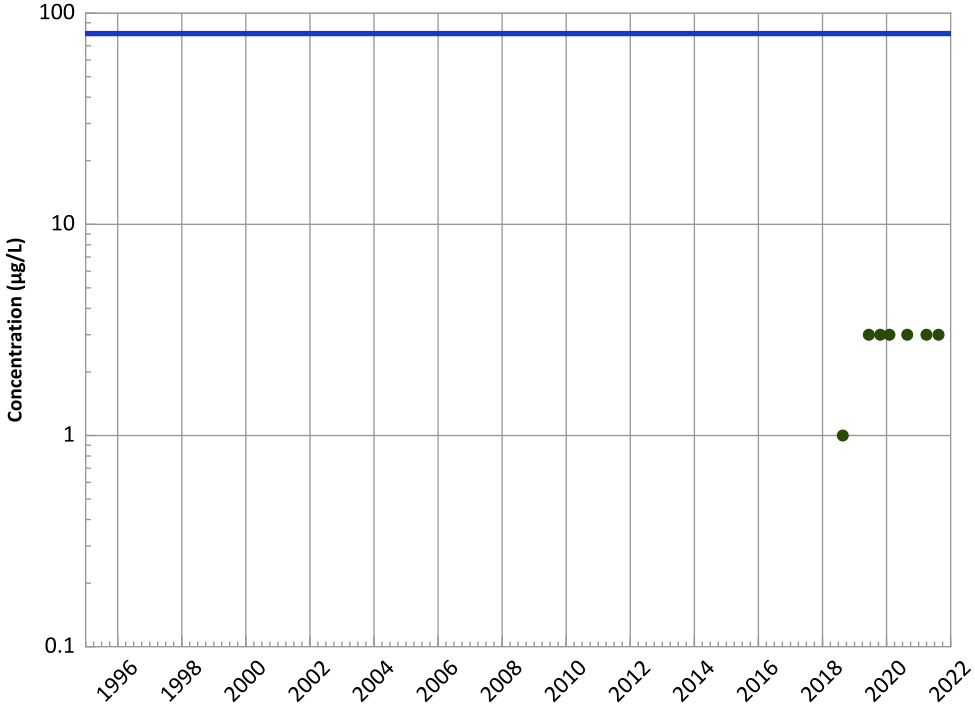


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

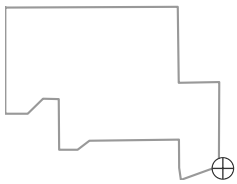
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

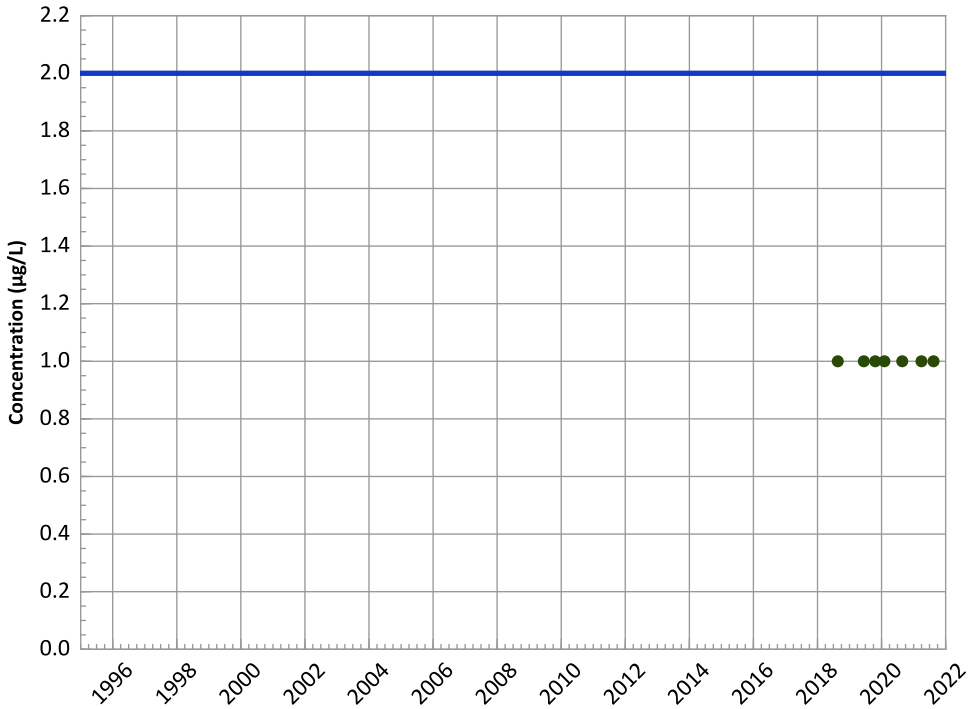
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

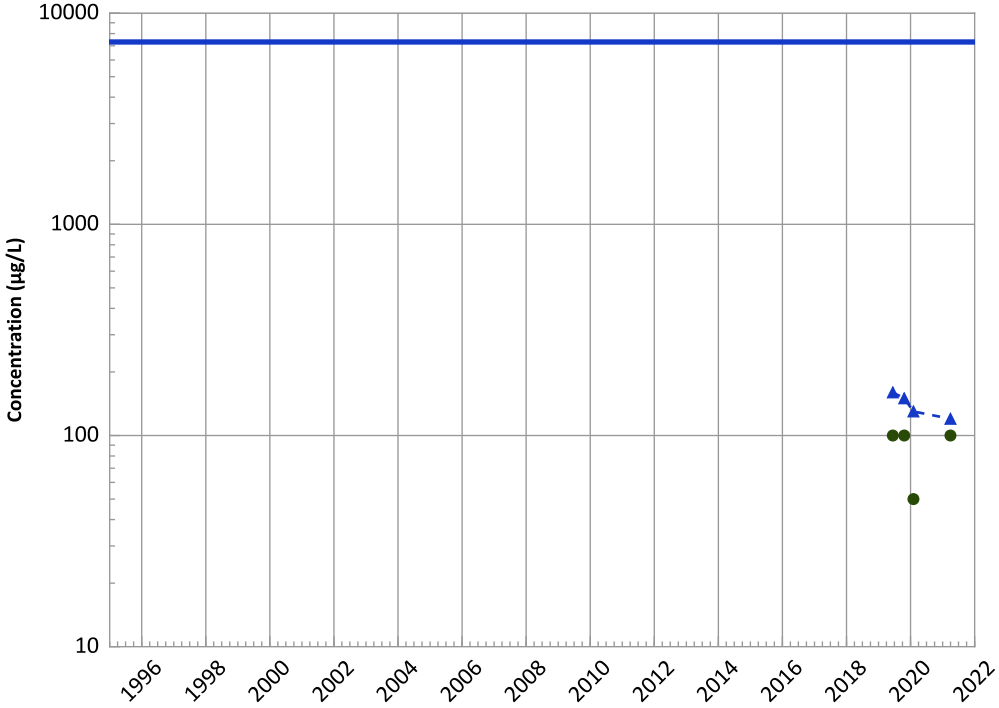


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

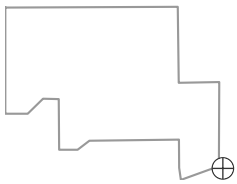
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

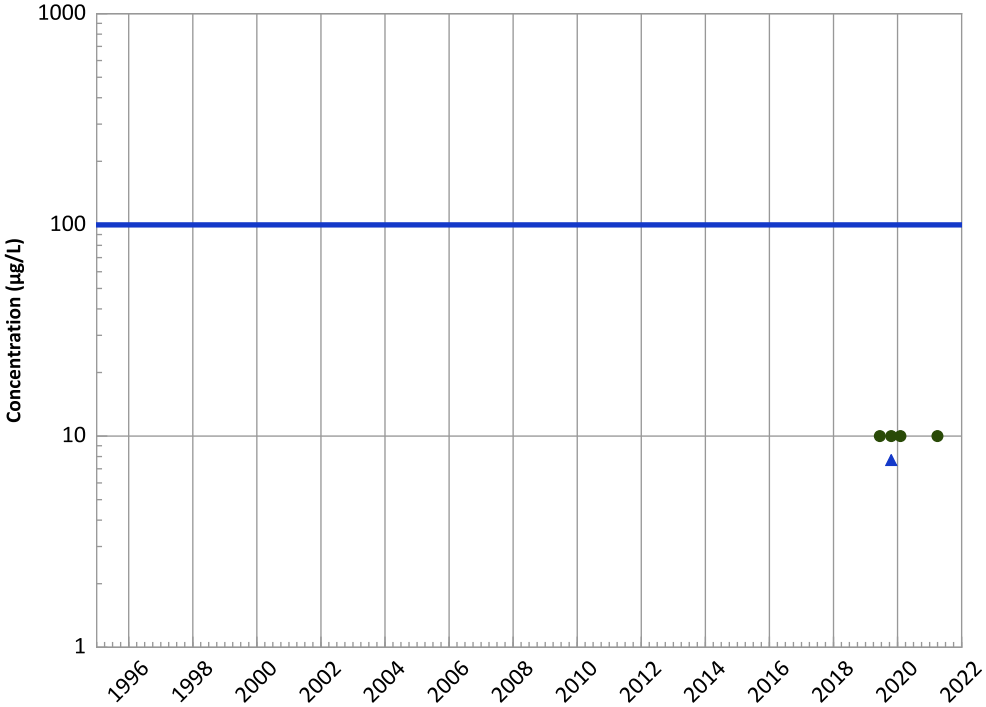
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

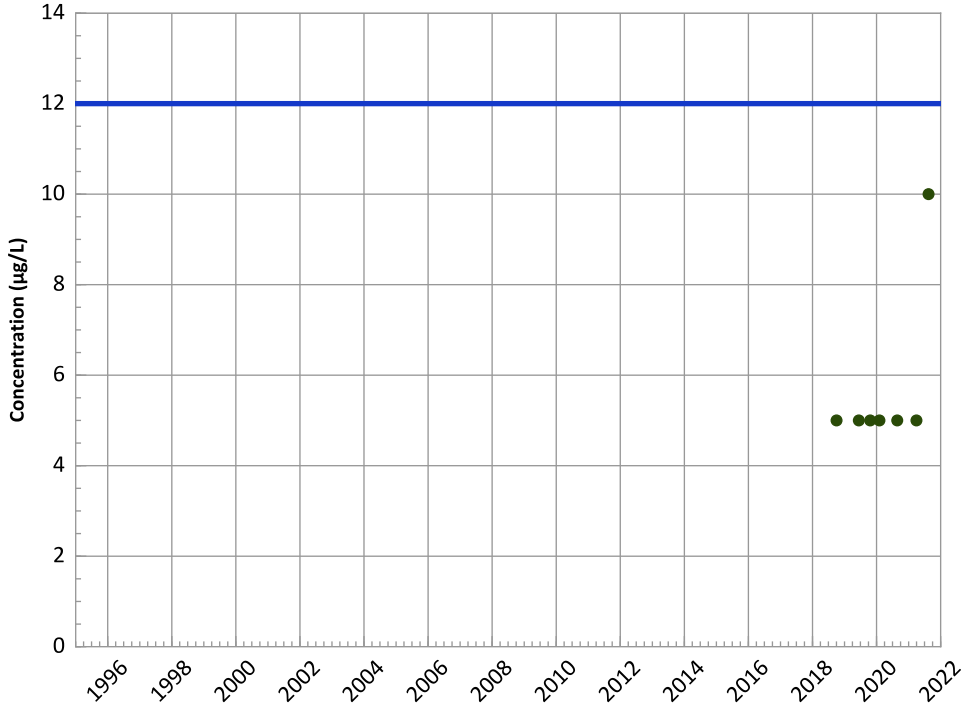


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

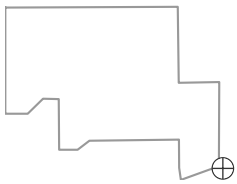
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

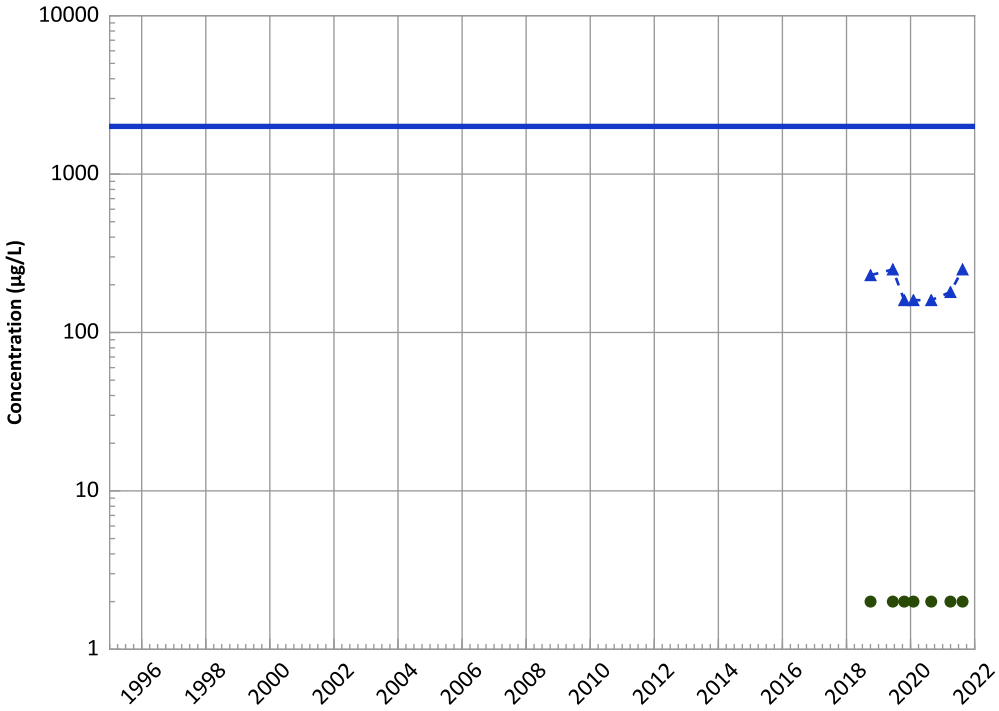
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

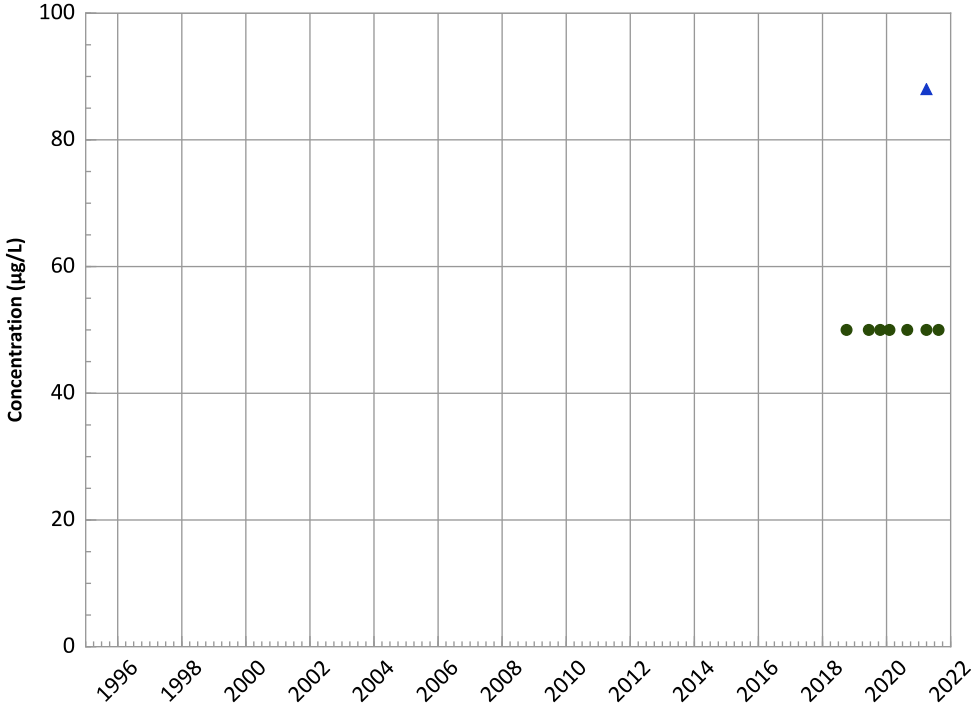


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Iron Trend



Concentration Trend

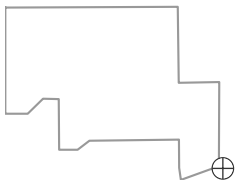
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

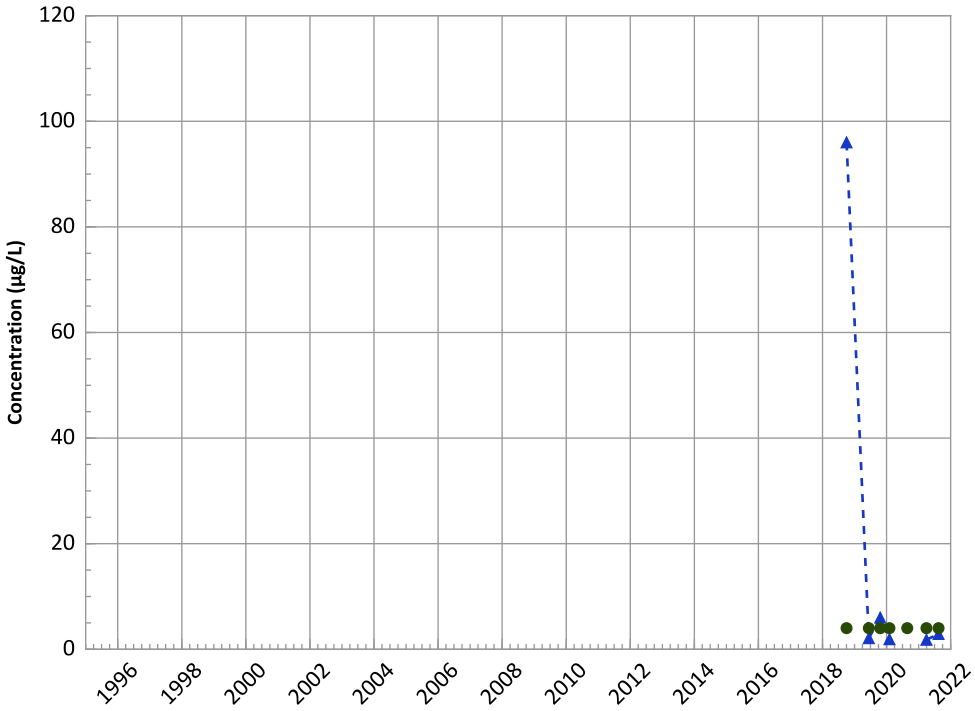
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

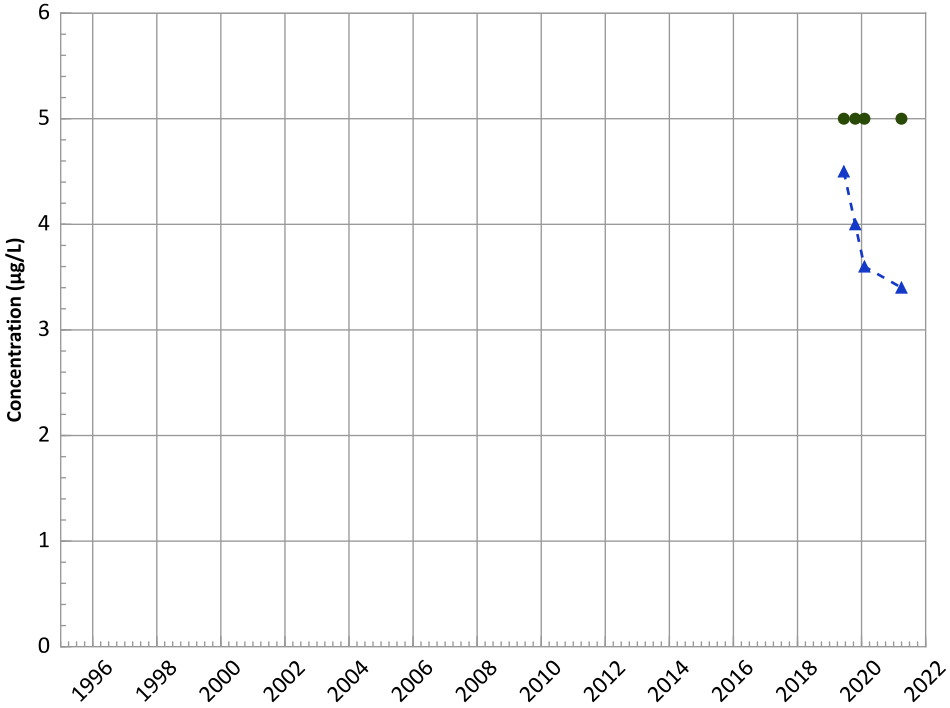


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

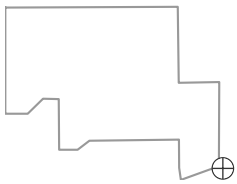
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

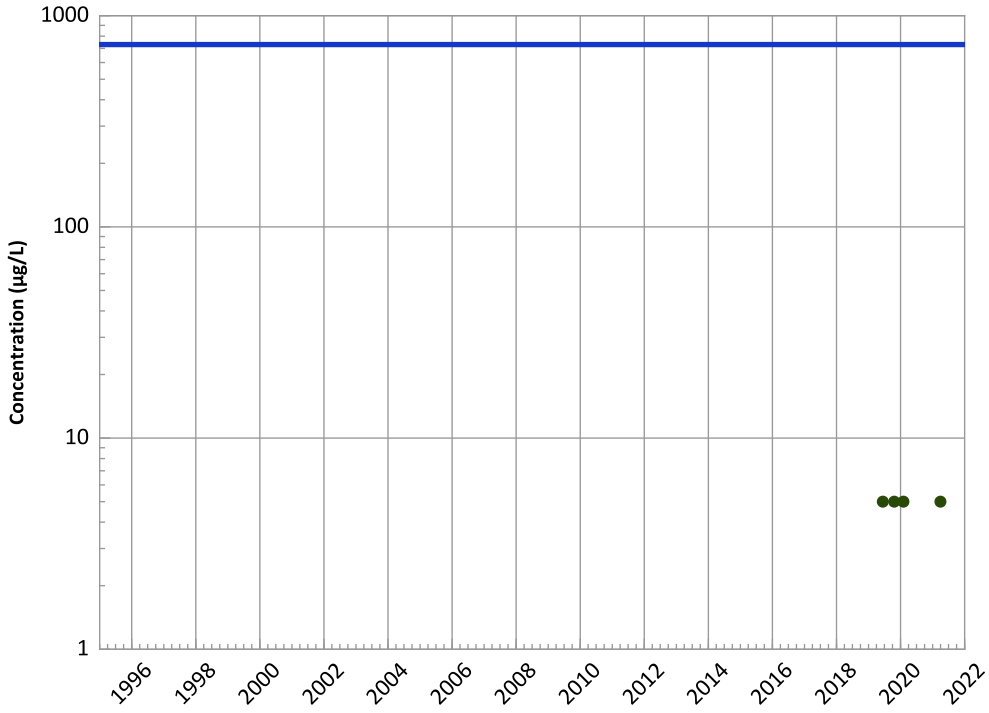
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

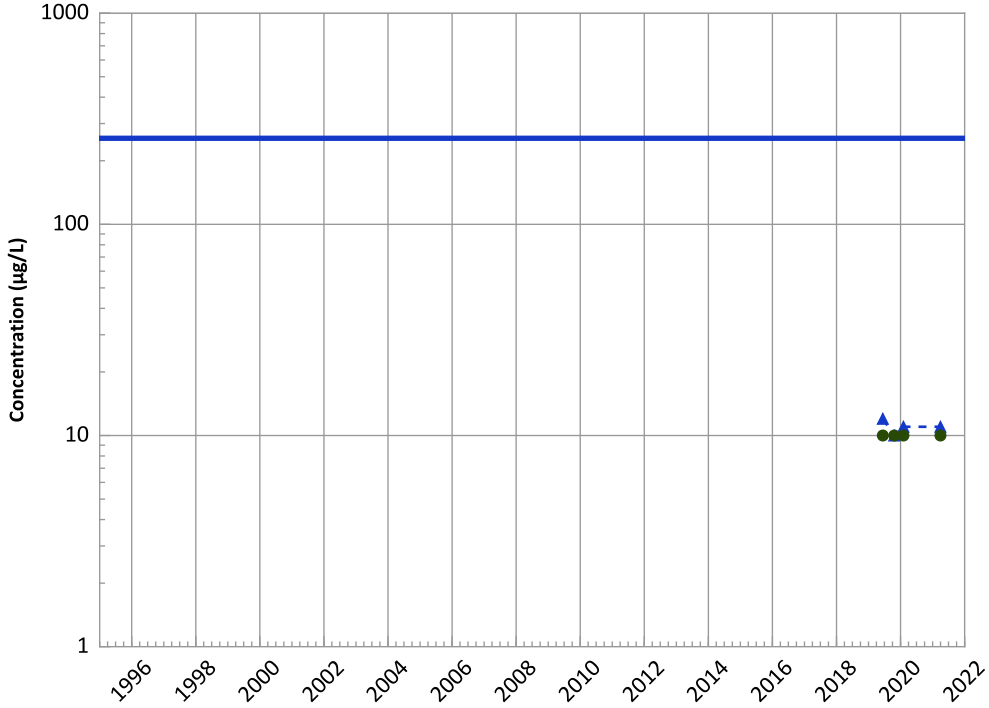


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vanadium Trend



Concentration Trend

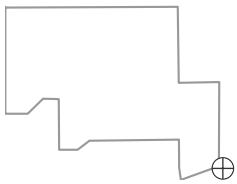
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

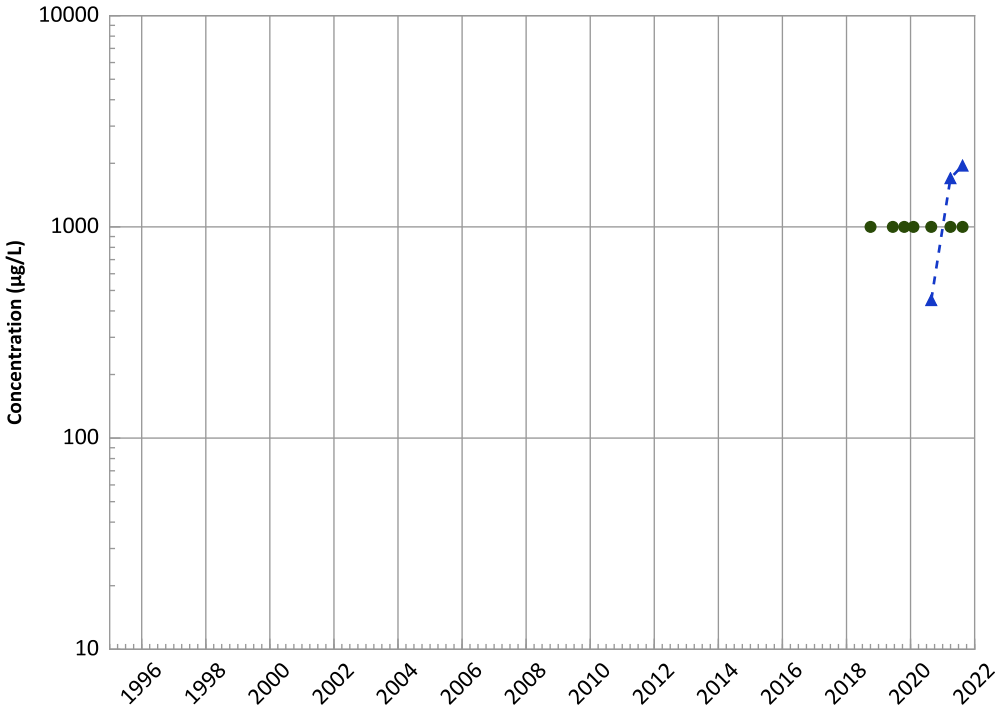
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1196 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

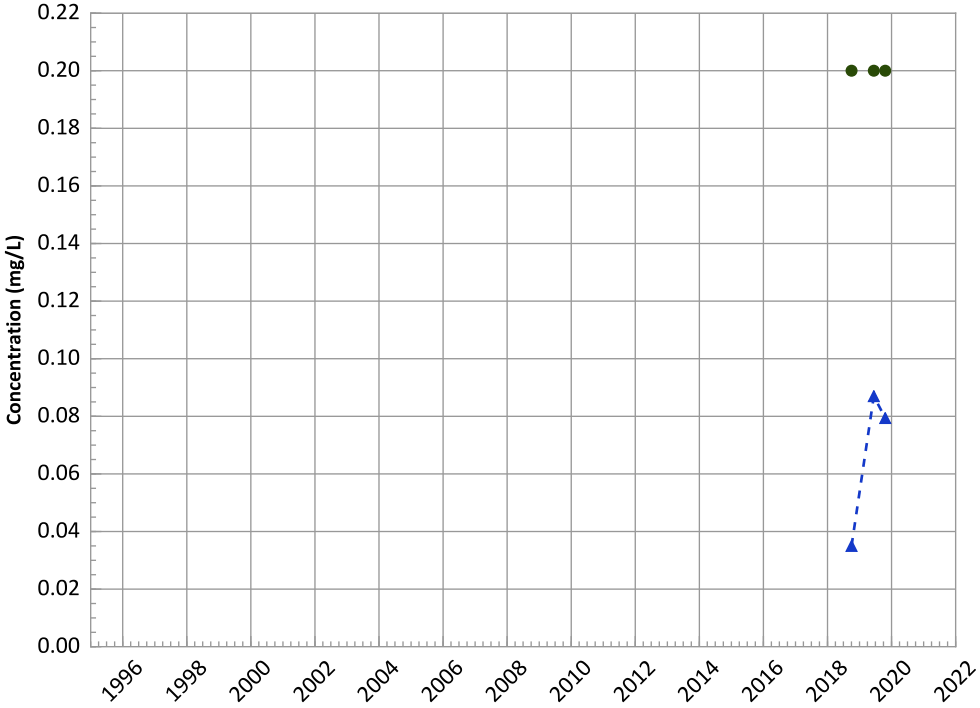


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

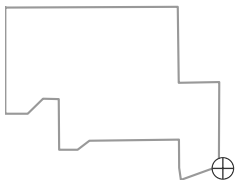
MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

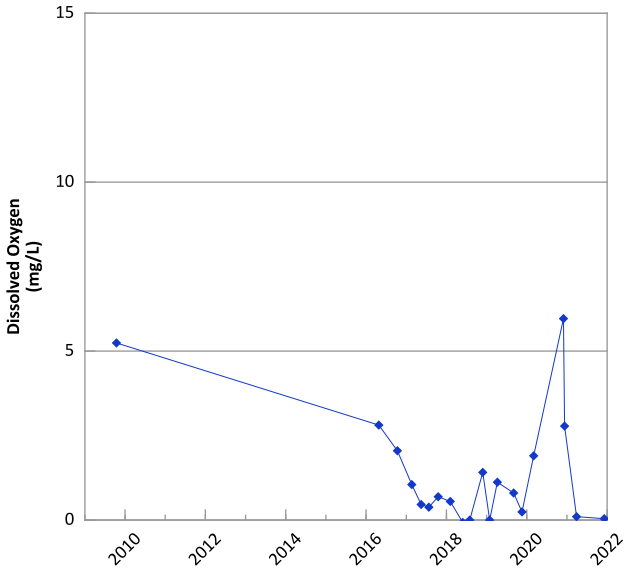
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/20/2018 to 08/16/2021
Analysis Date: 05/02/2022

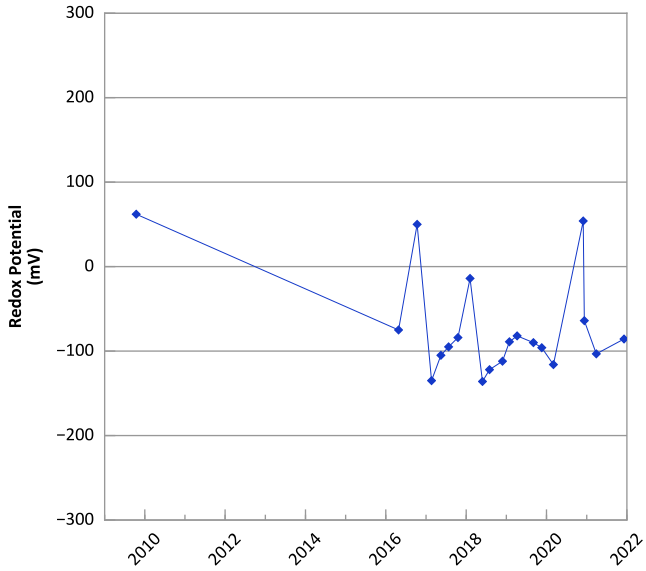
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

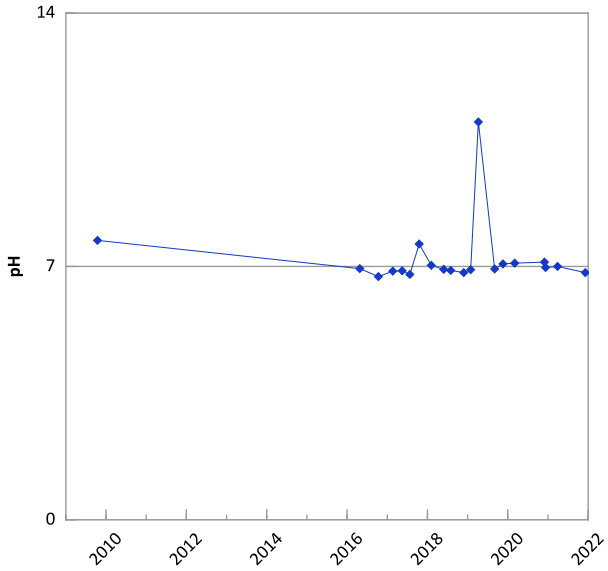
Well Location

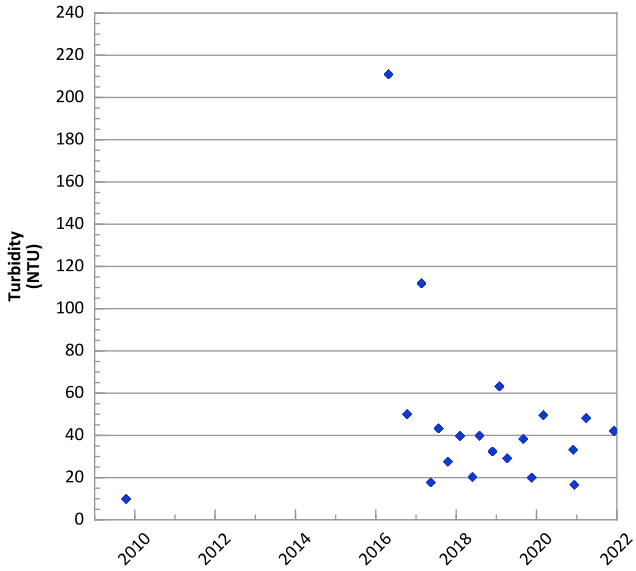


PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



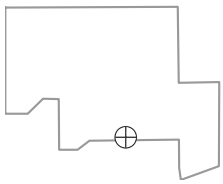






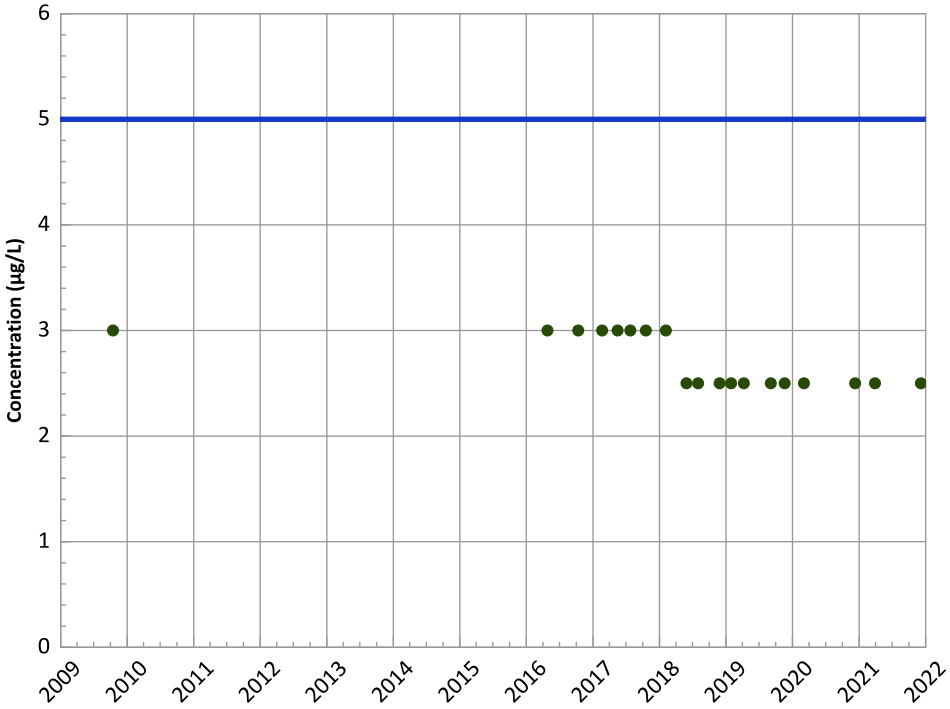
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

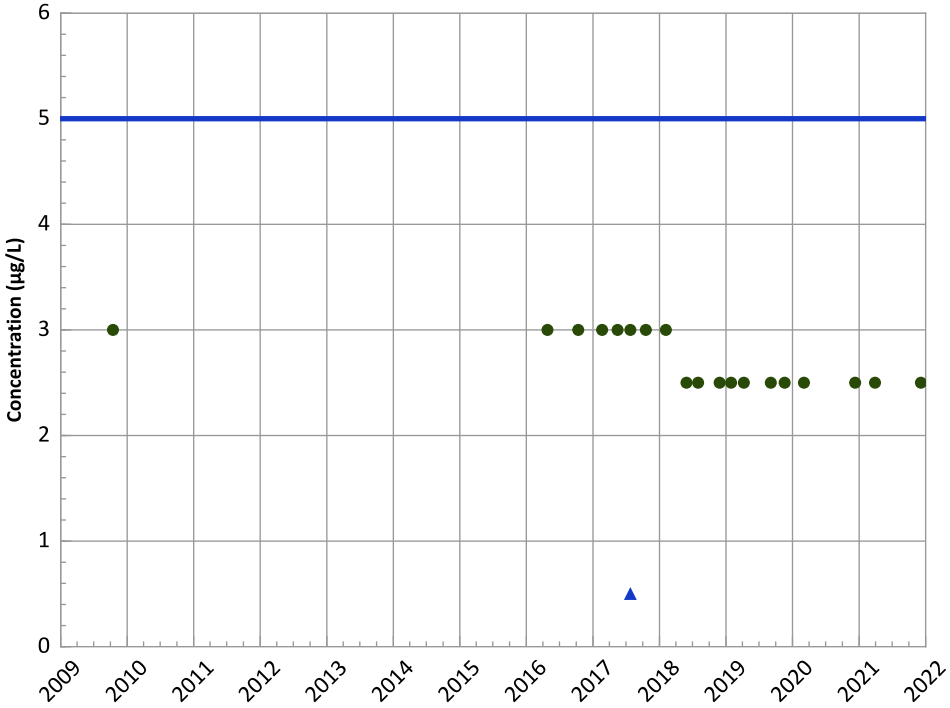


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

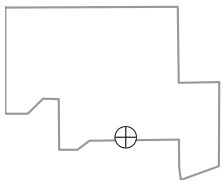
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

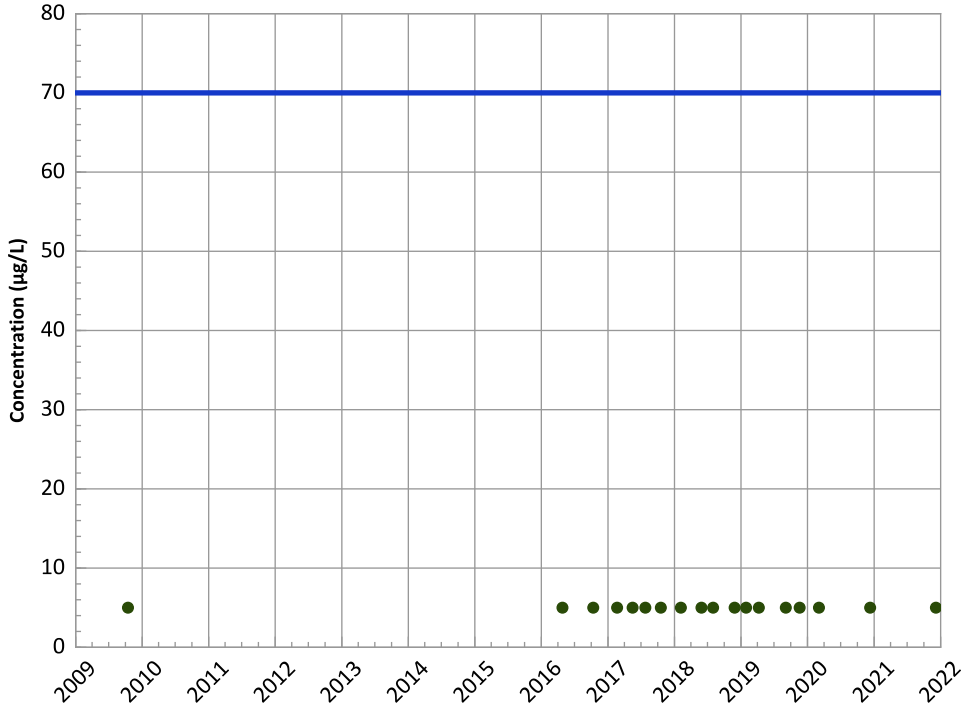
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

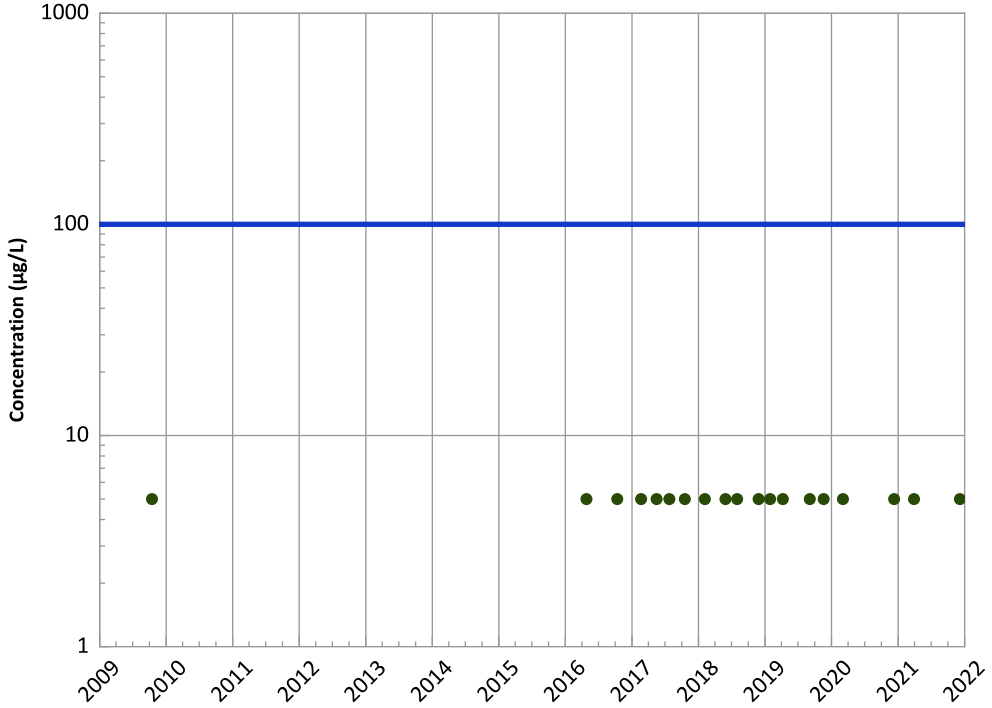


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

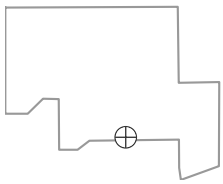
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

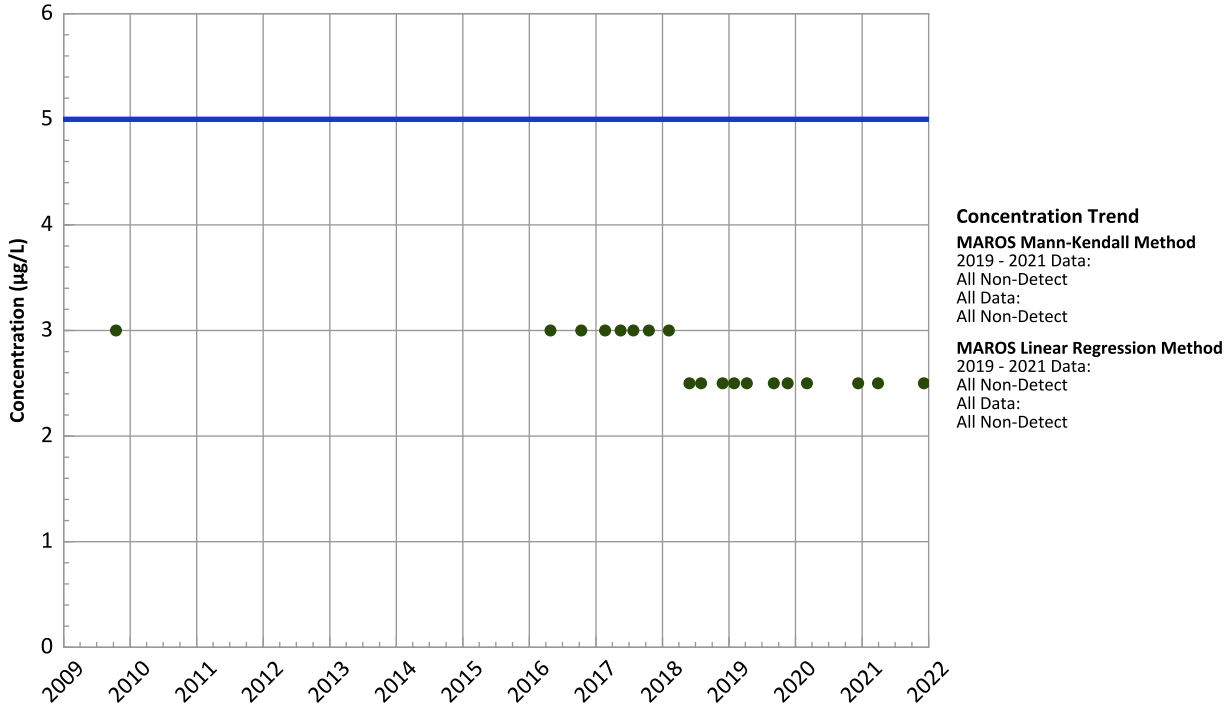
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location

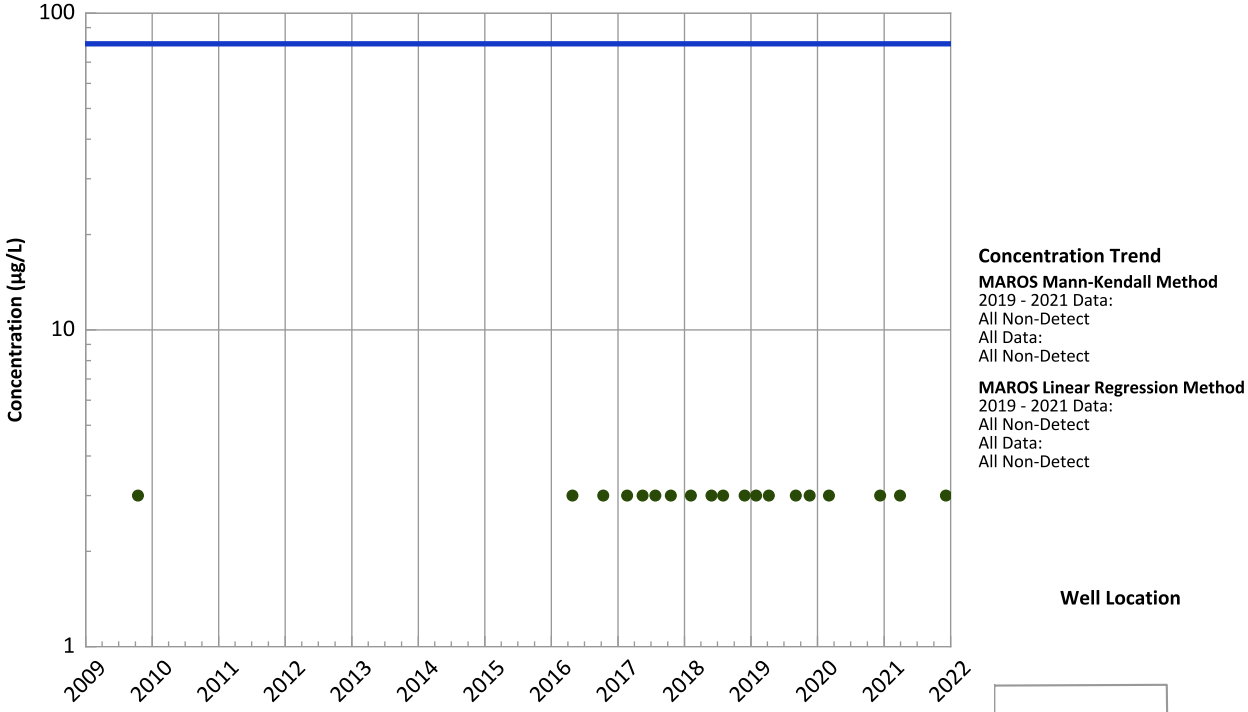


PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



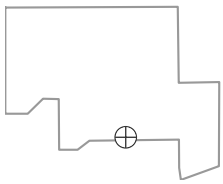
Chloroform Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

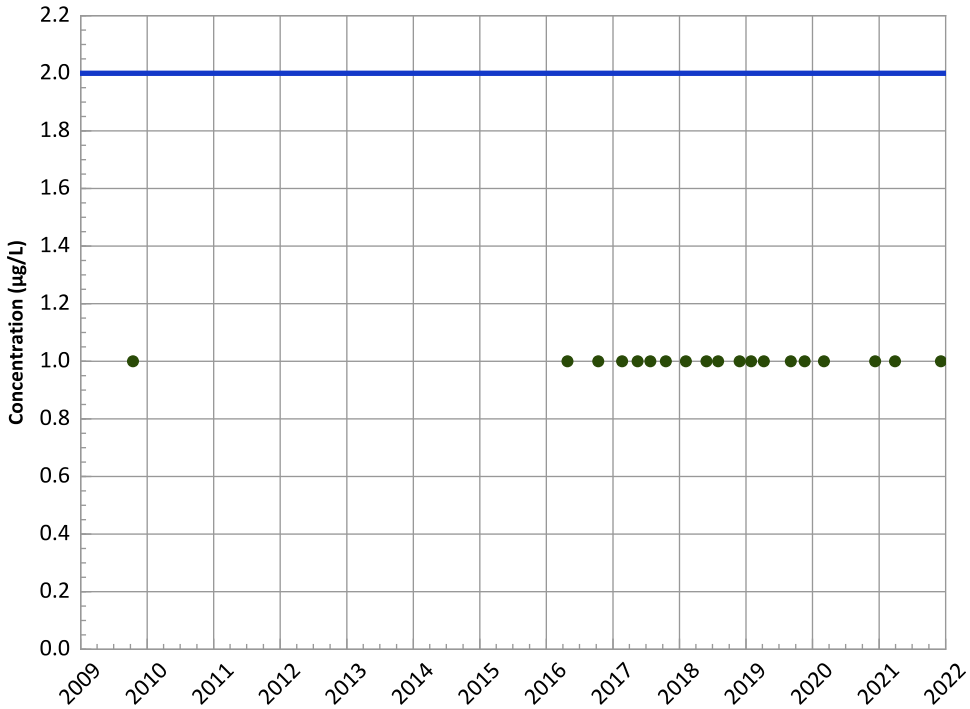
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

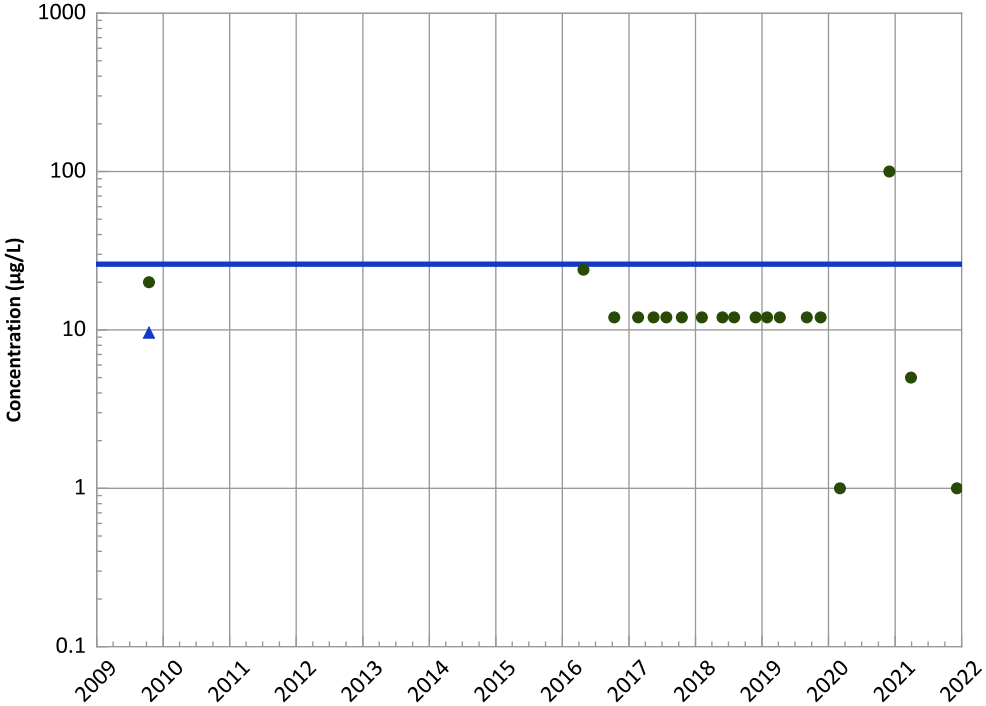


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

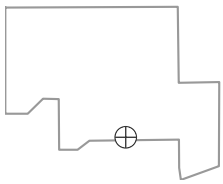
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

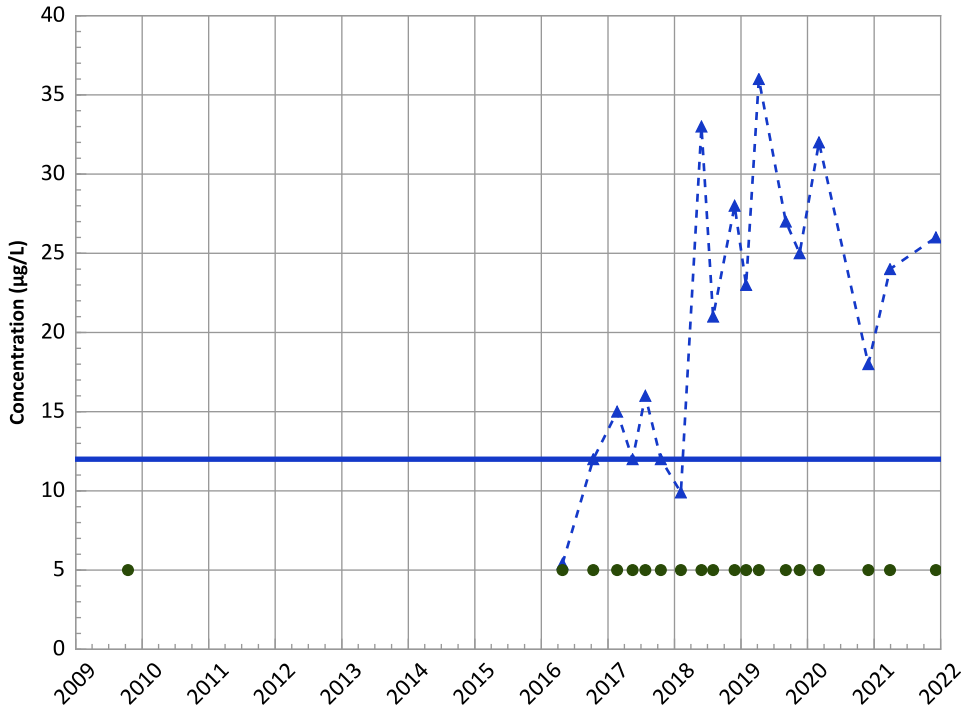
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

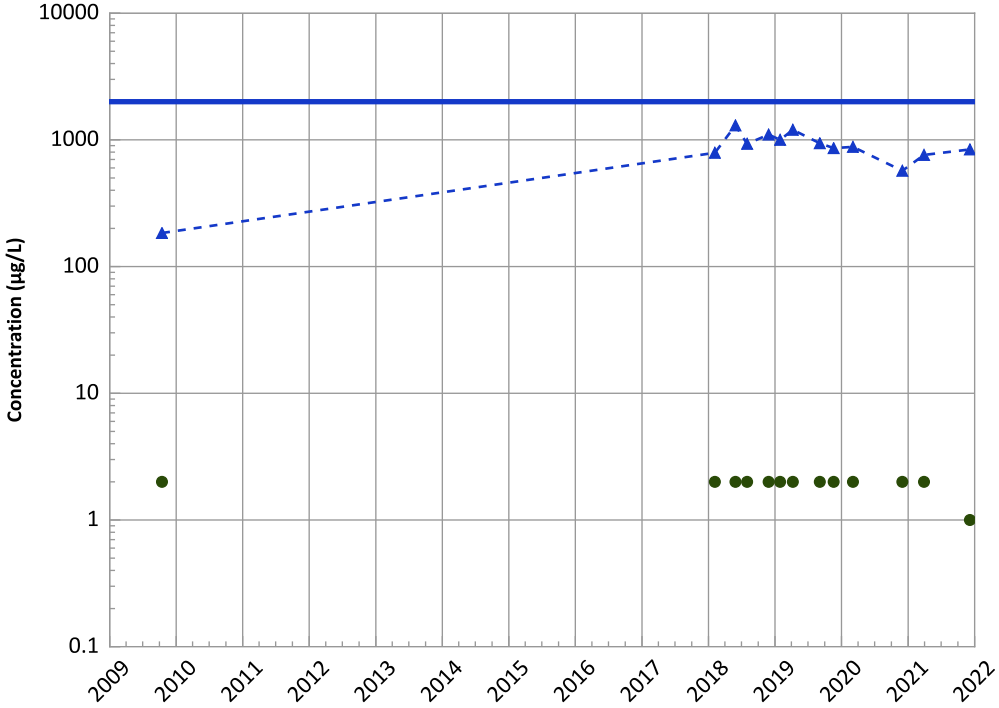


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Barium Trend



Concentration Trend

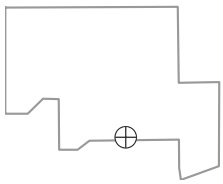
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

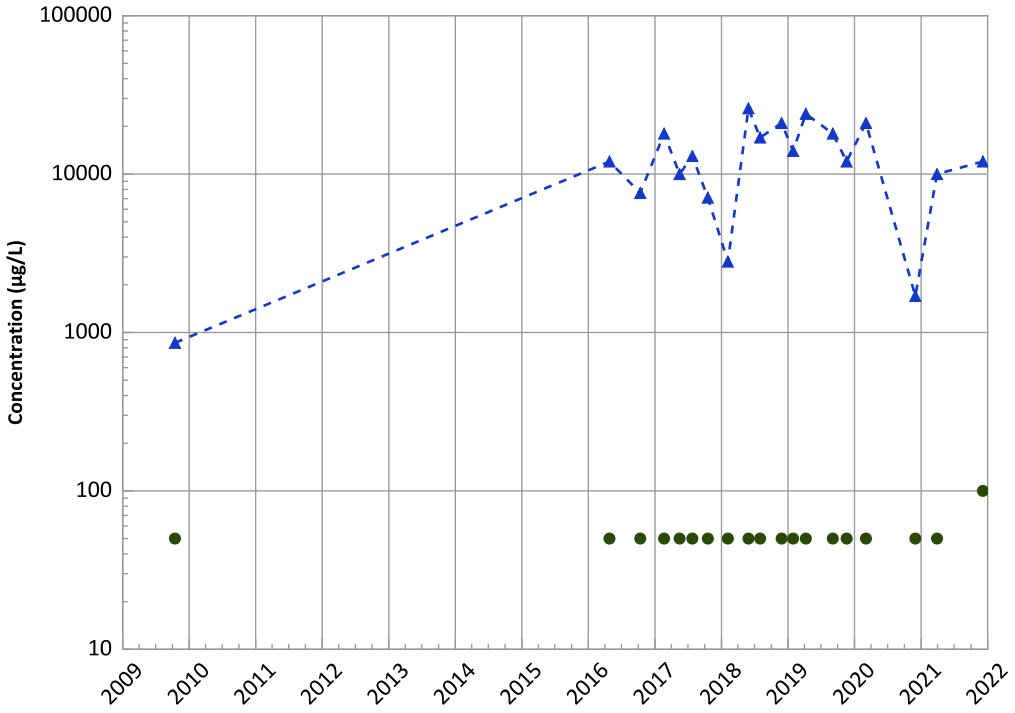
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

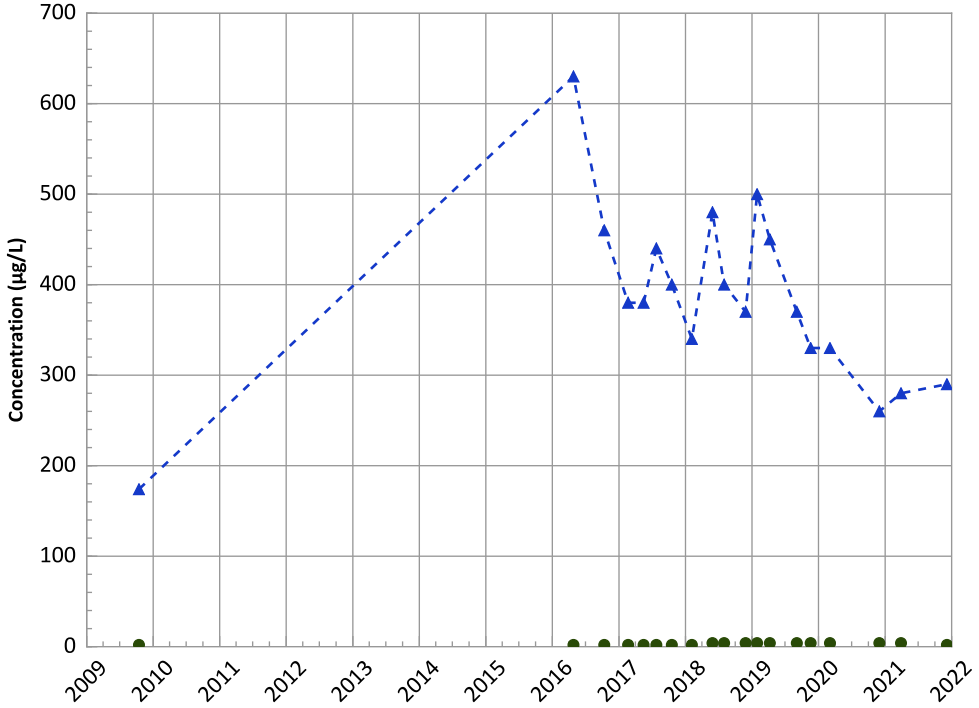


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Manganese Trend



Concentration Trend

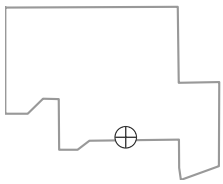
MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Probably Decreasing
All Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

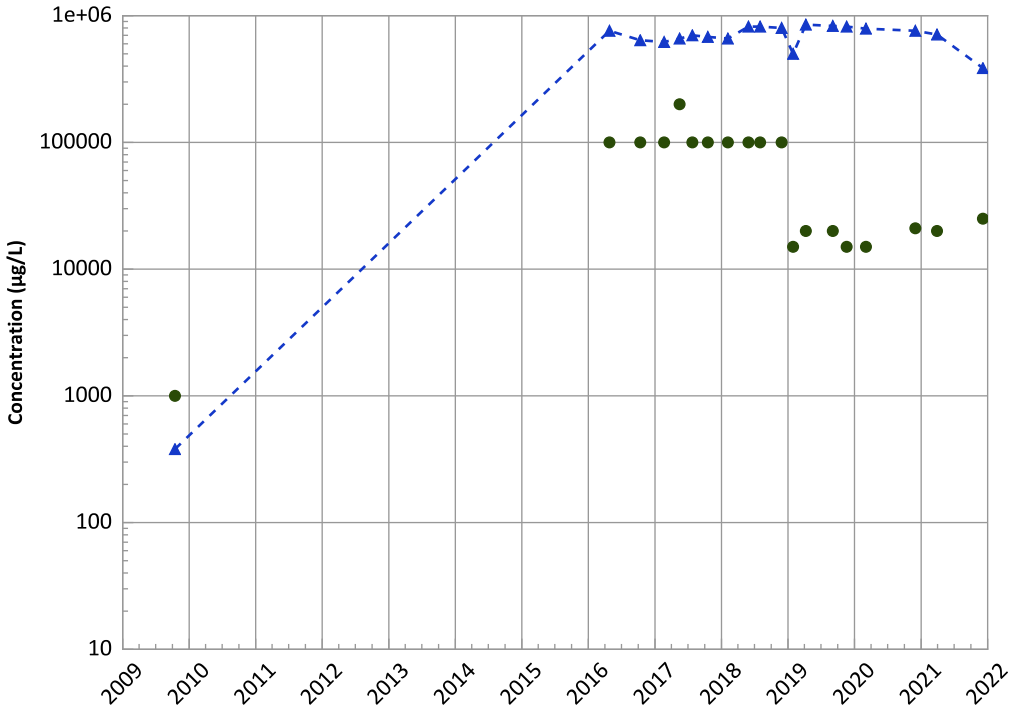
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-ISB079 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

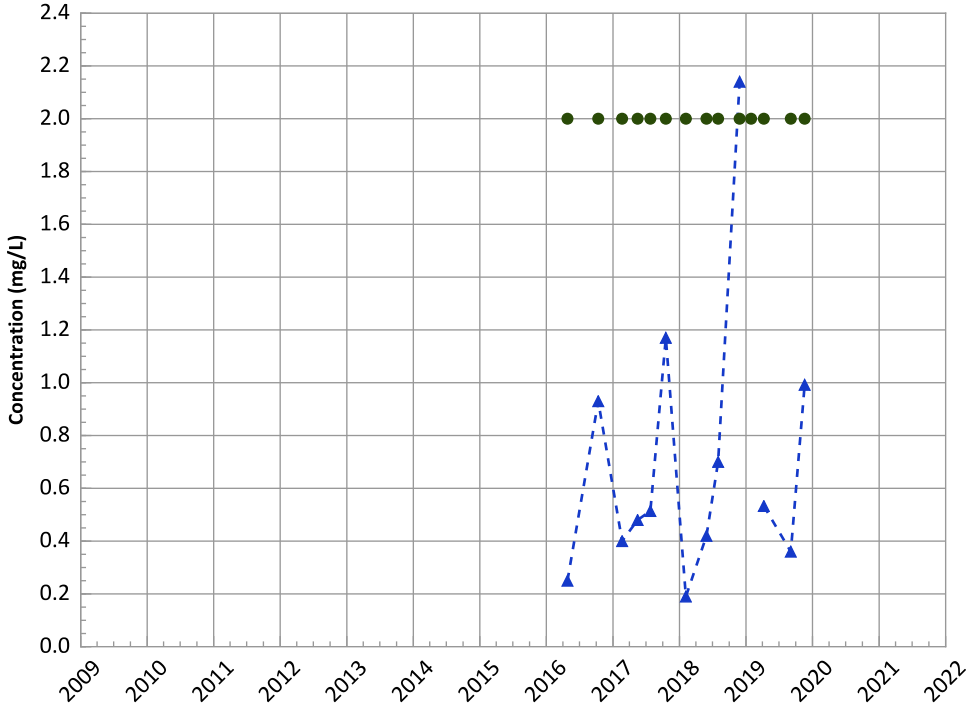


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Probably Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

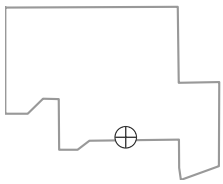
MAROS Mann-Kendall Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
No Trend

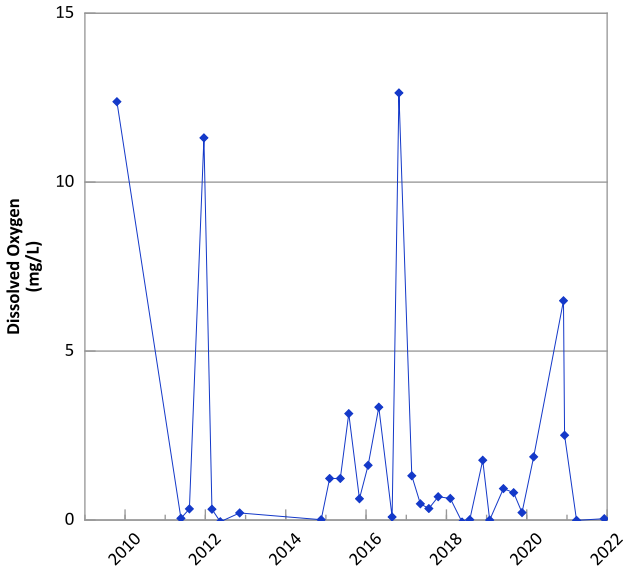
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 12/06/2021
Analysis Date: 04/05/2022

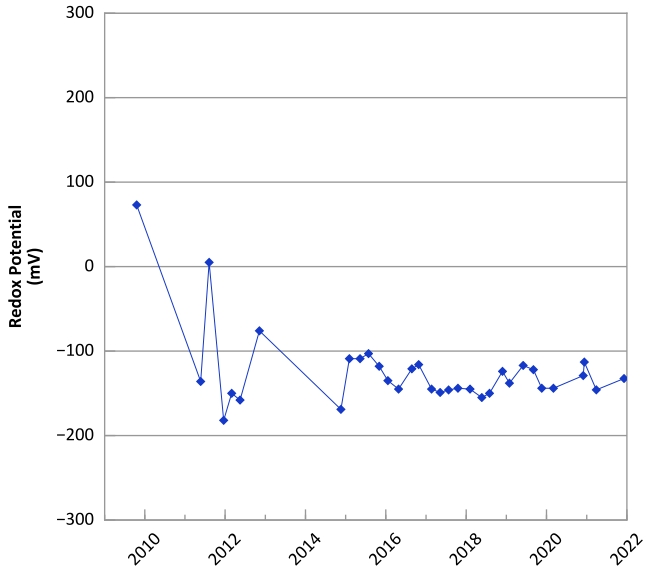
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

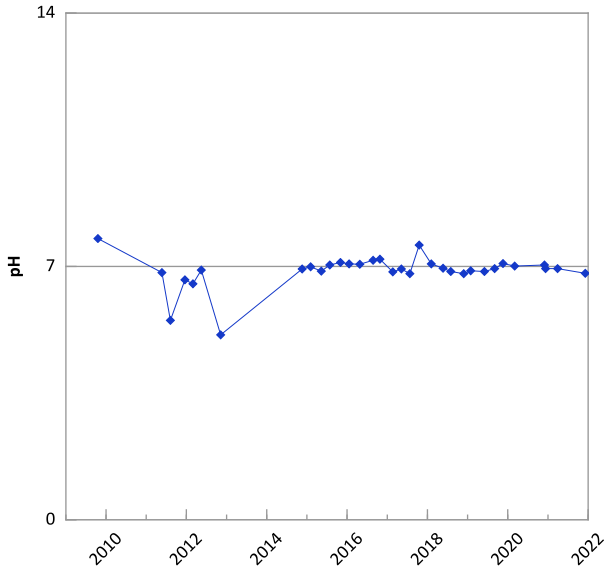
Well Location

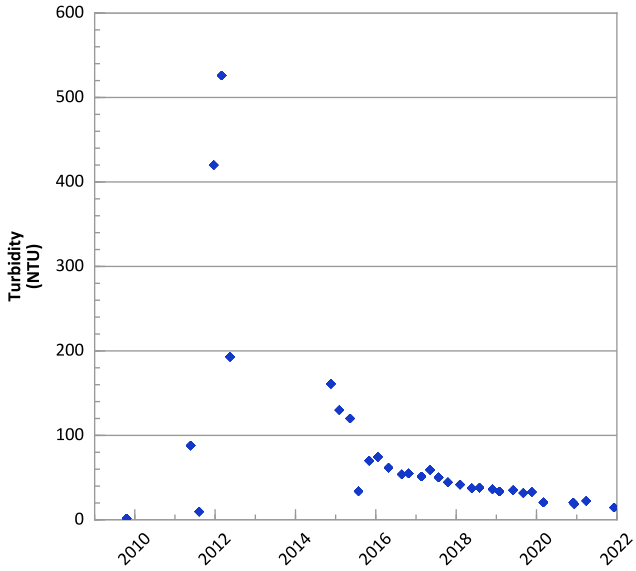


PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



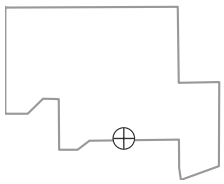






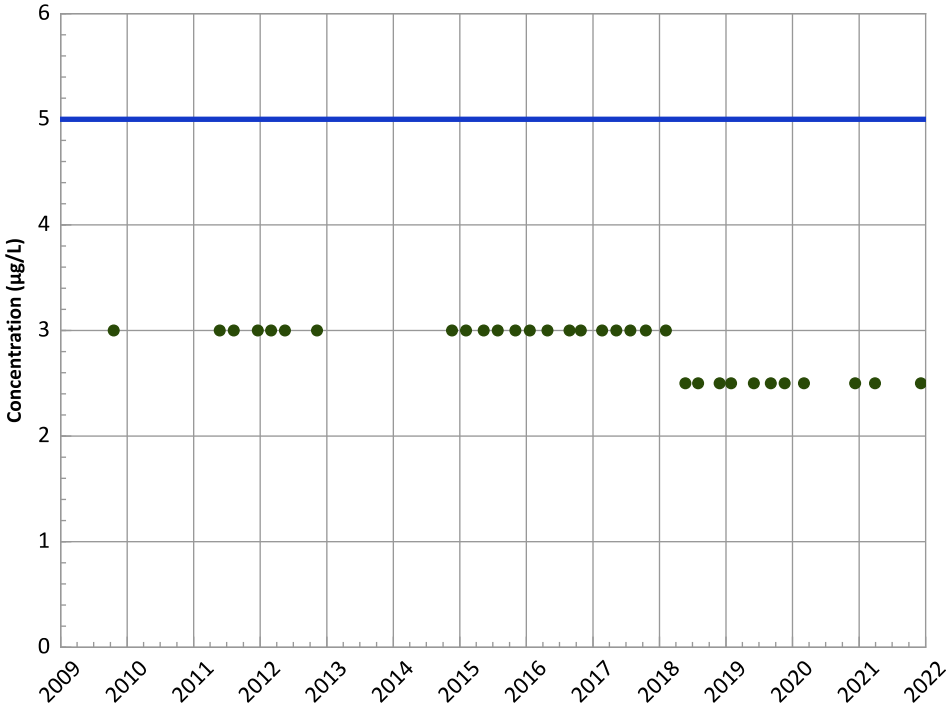
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

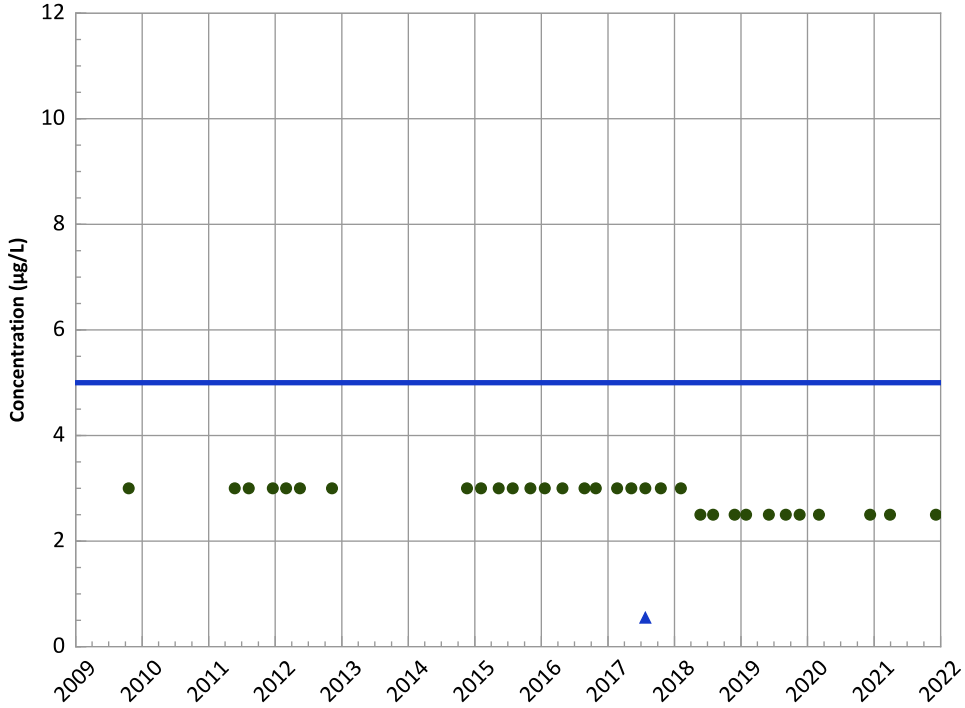


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

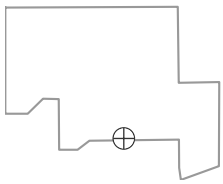
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

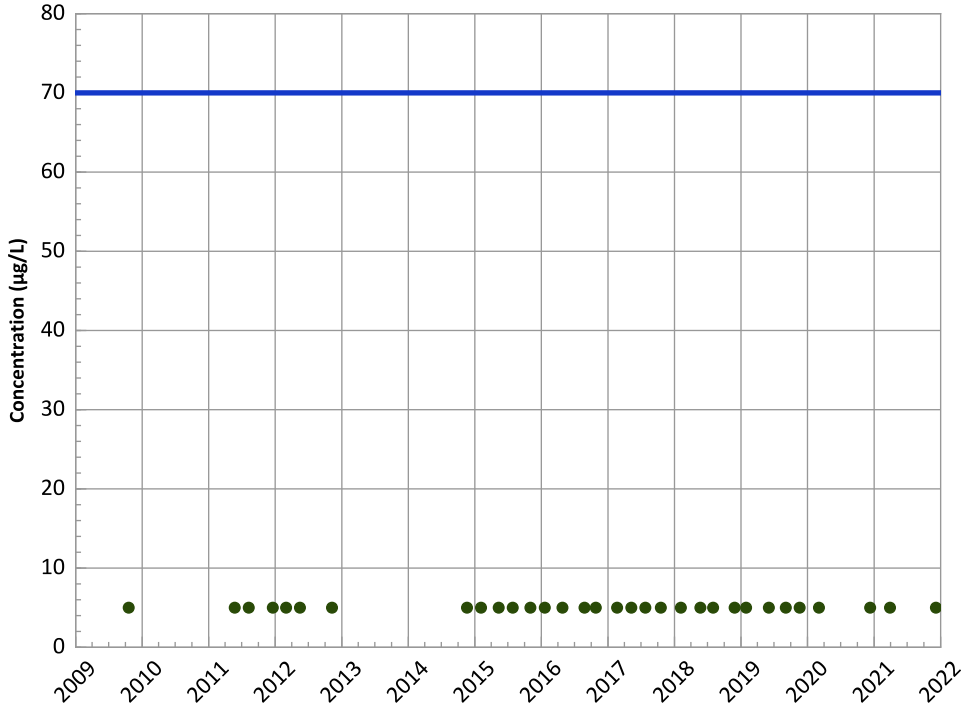
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

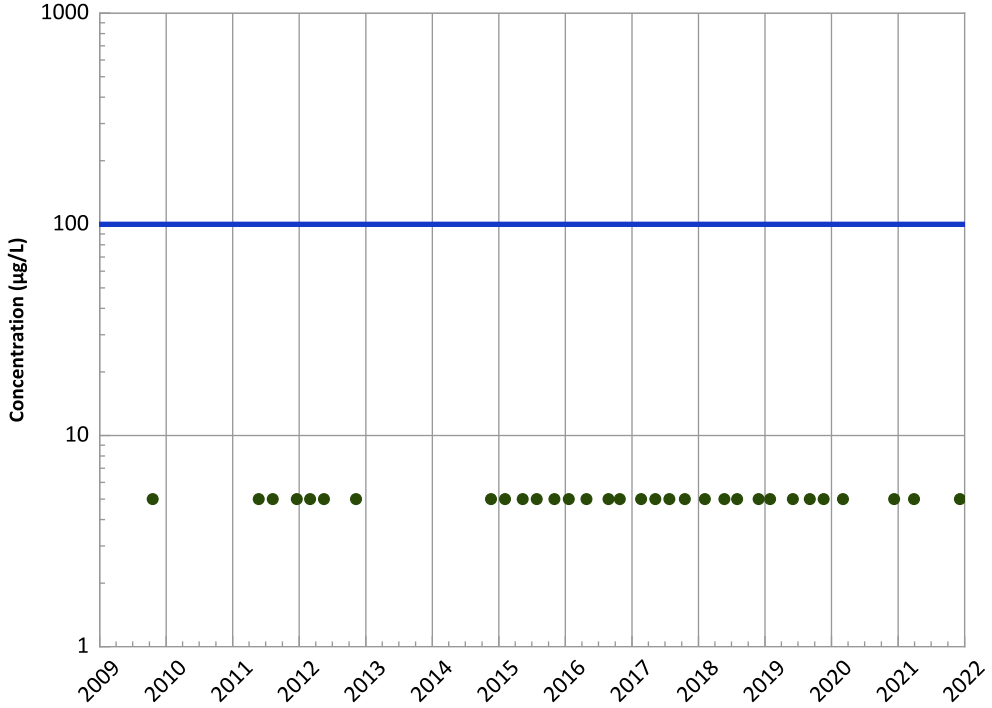


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

trans-1,2-Dichloroethene Trend



Concentration Trend

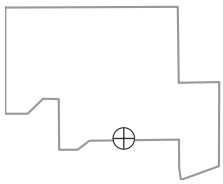
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

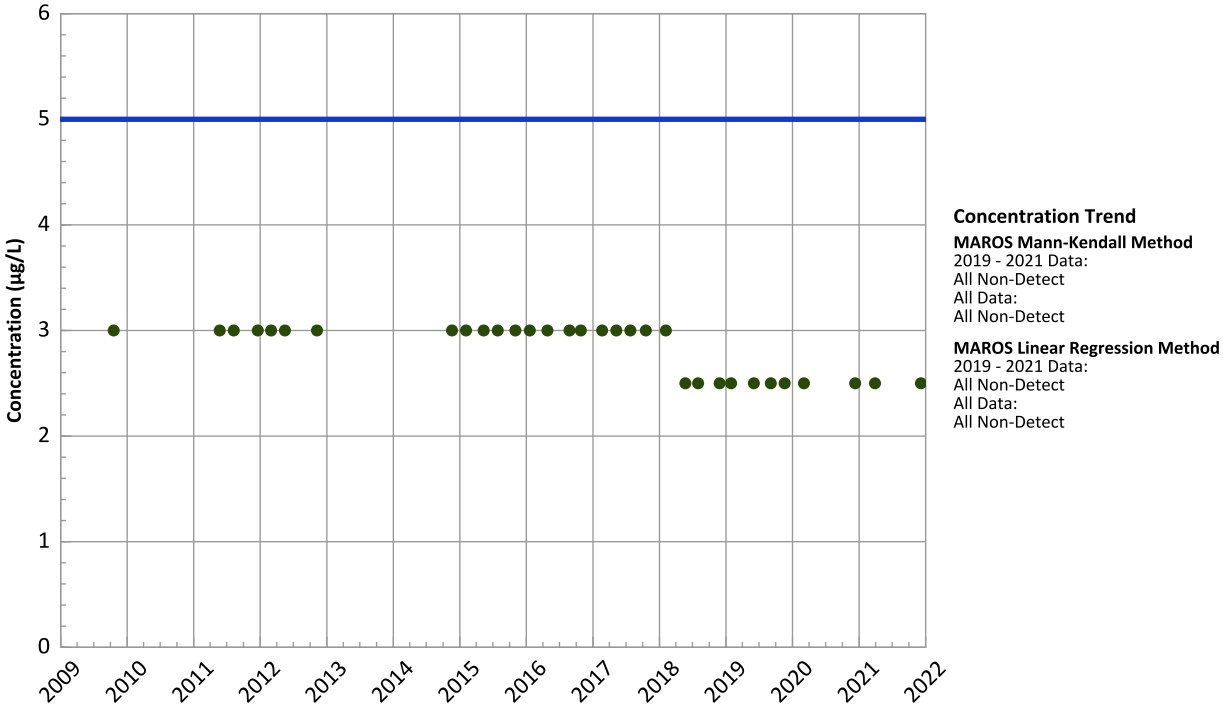
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

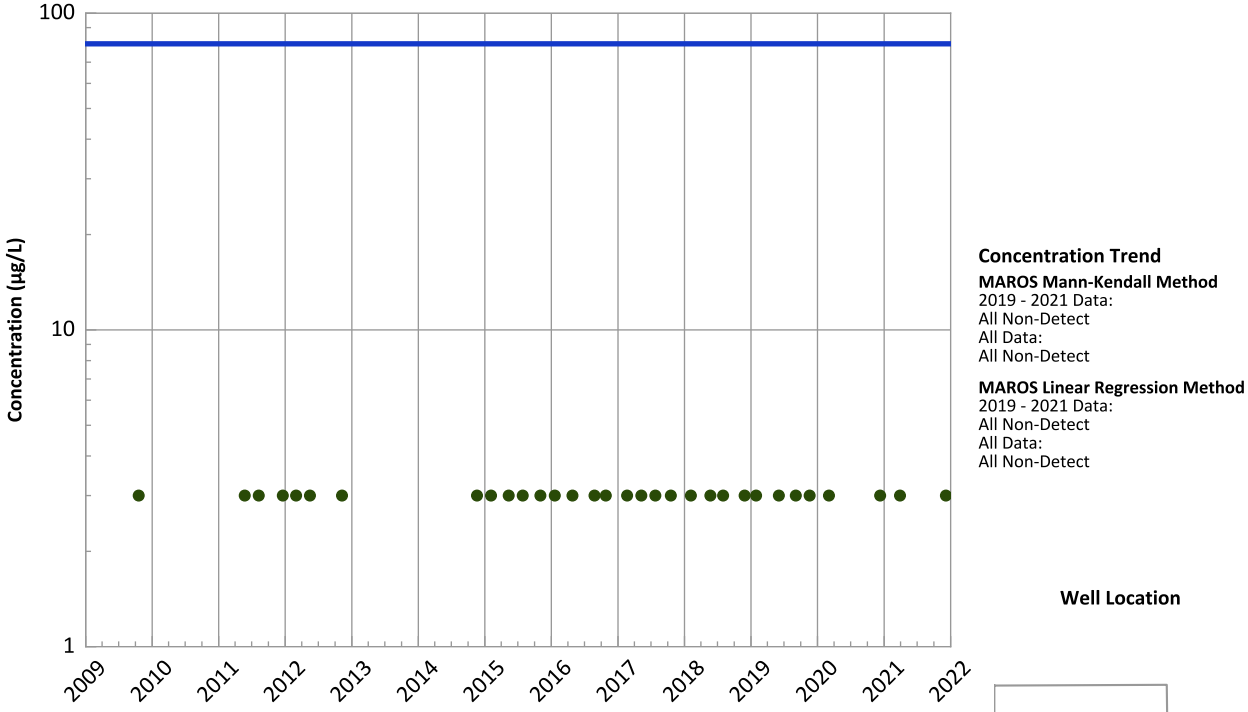


PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend



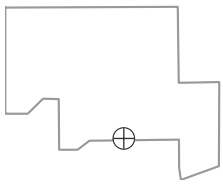
Chloroform Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

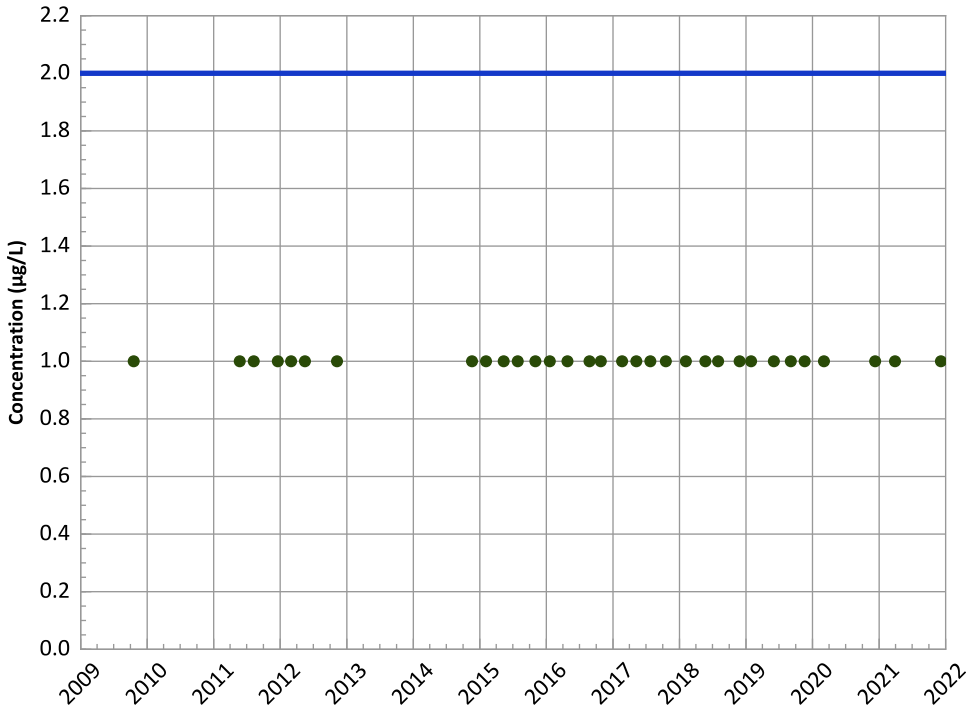
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

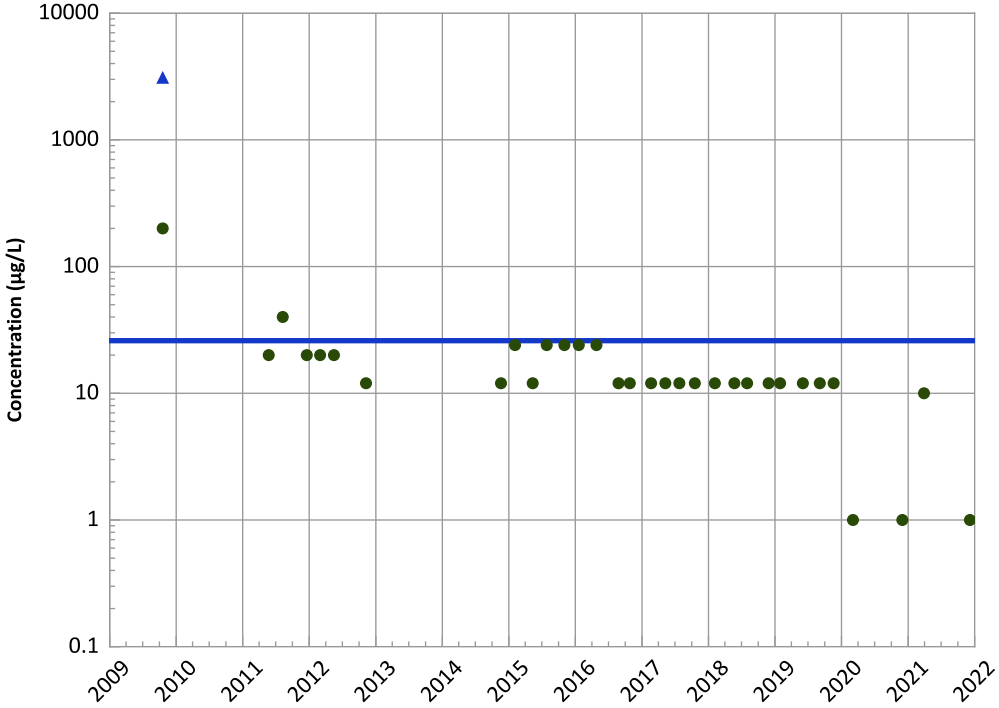


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

MAROS Linear Regression Method
2019 - 2021 Data:
All Non-Detect
All Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

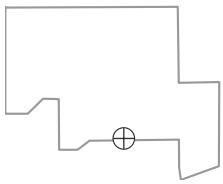
MAROS Mann-Kendall Method
2019 - 2021 Data:
All Non-Detect
All Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
2019 - 2021 Data:
N/A (<4 Detections in Dataset)
All Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

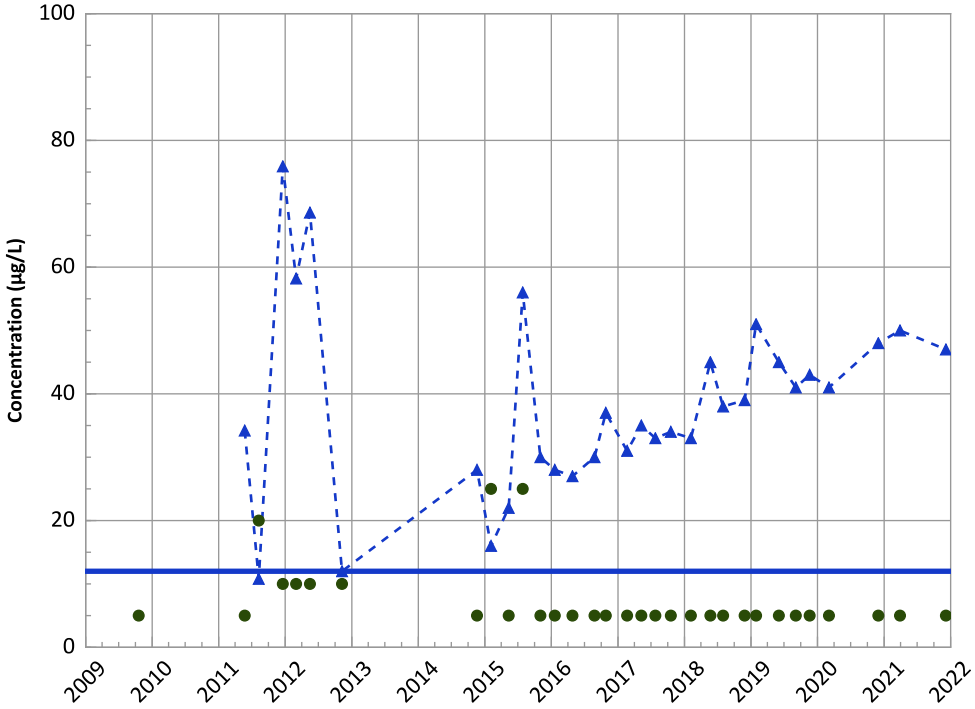
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

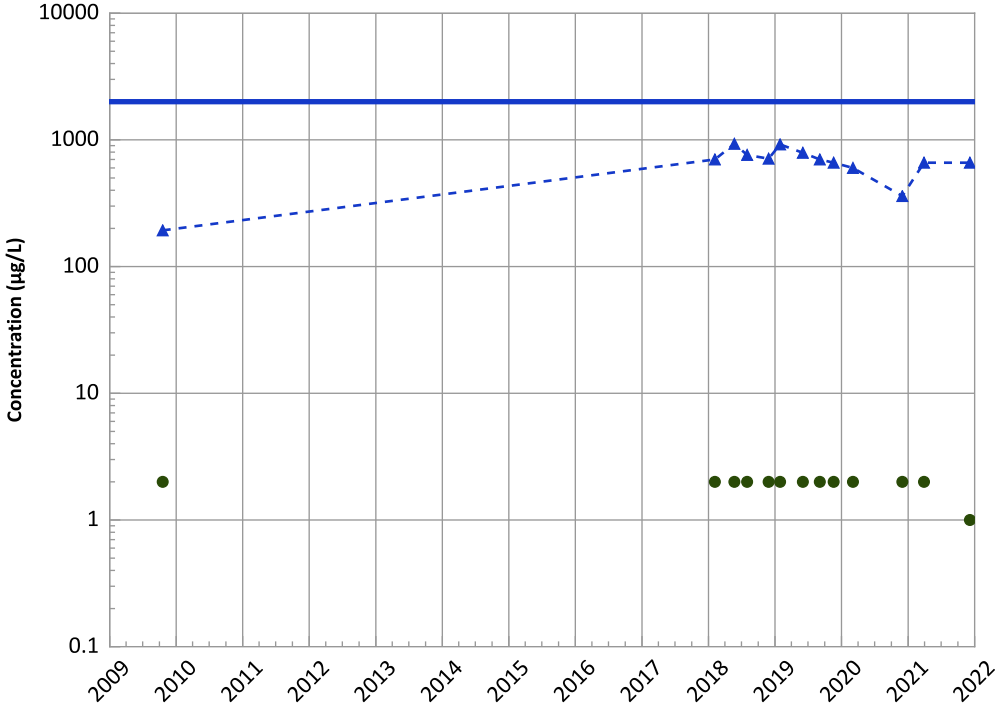


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Increasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Barium Trend



Concentration Trend

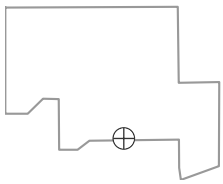
MAROS Mann-Kendall Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

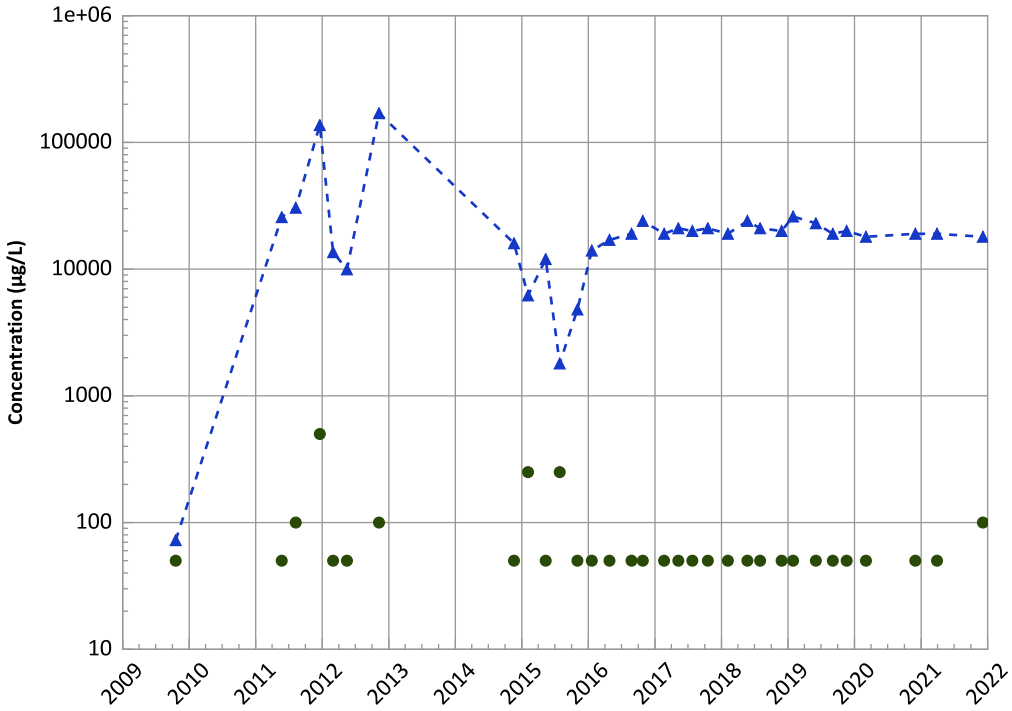
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

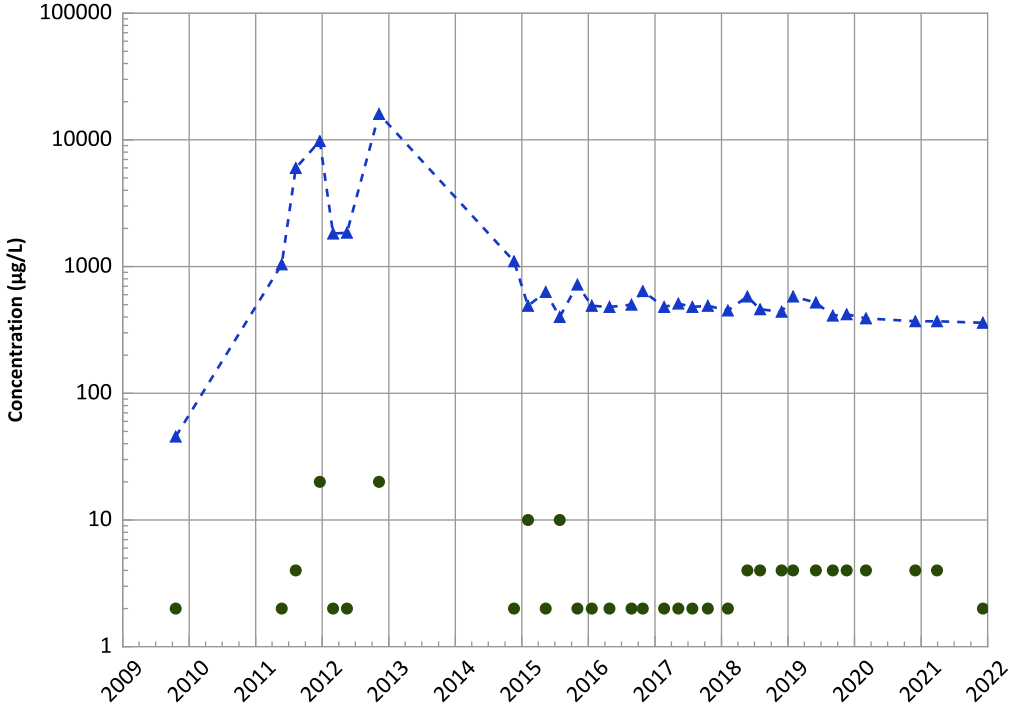


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Stable
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Probably Increasing

Manganese Trend



Concentration Trend

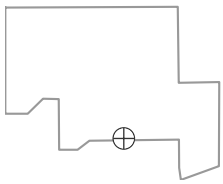
MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
Decreasing
All Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

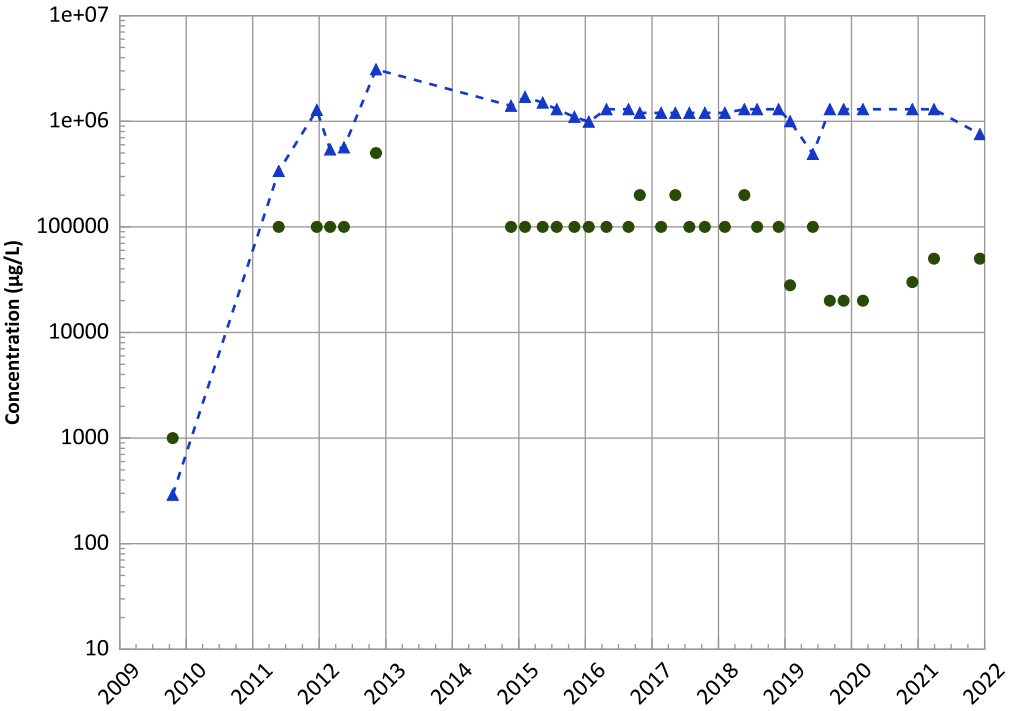
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-ISB082 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

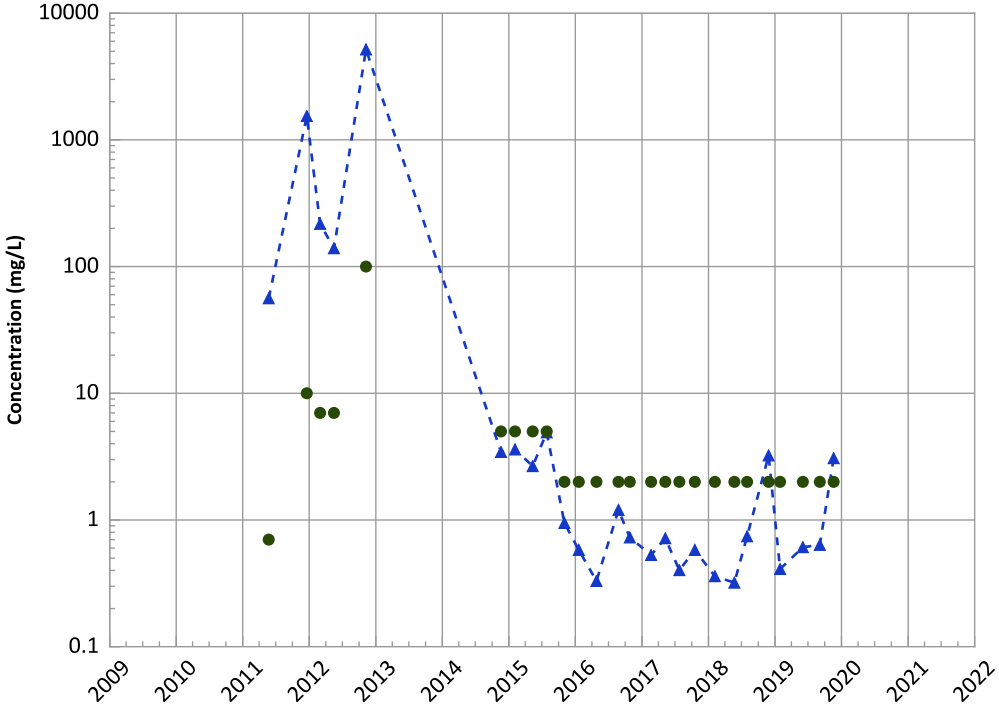


Concentration Trend

MAROS Mann-Kendall Method
2019 - 2021 Data:
Decreasing
All Data:
No Trend

MAROS Linear Regression Method
2019 - 2021 Data:
Stable
All Data:
Increasing

Total Volatile Fatty Acids Trend



Concentration Trend

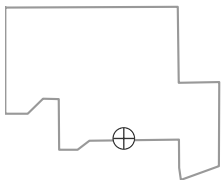
MAROS Mann-Kendall Method
2019 - 2021 Data:
Increasing
All Data:
Decreasing

MAROS Linear Regression Method
2019 - 2021 Data:
No Trend
All Data:
Decreasing

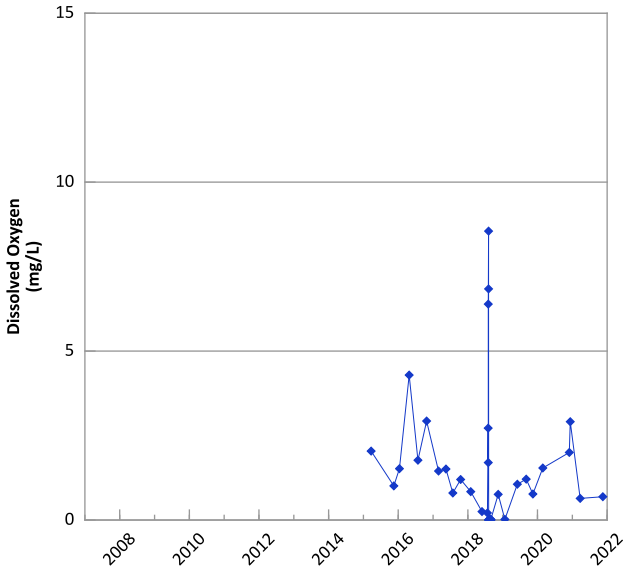
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/19/2009 to 12/06/2021
Analysis Date: 04/05/2022

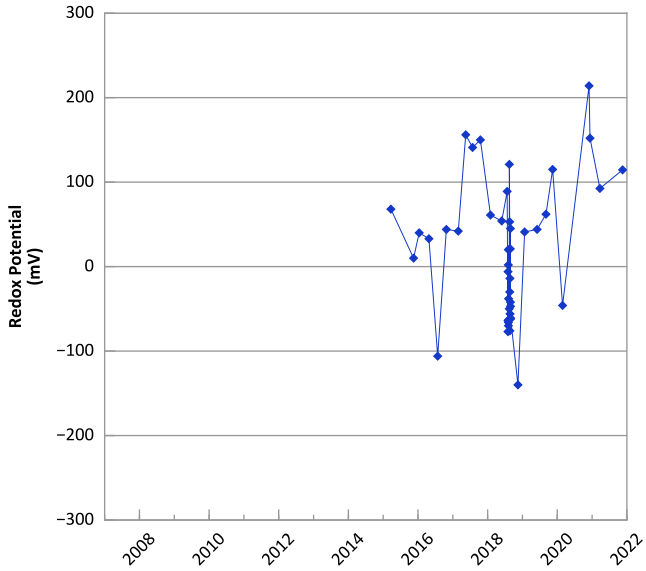
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

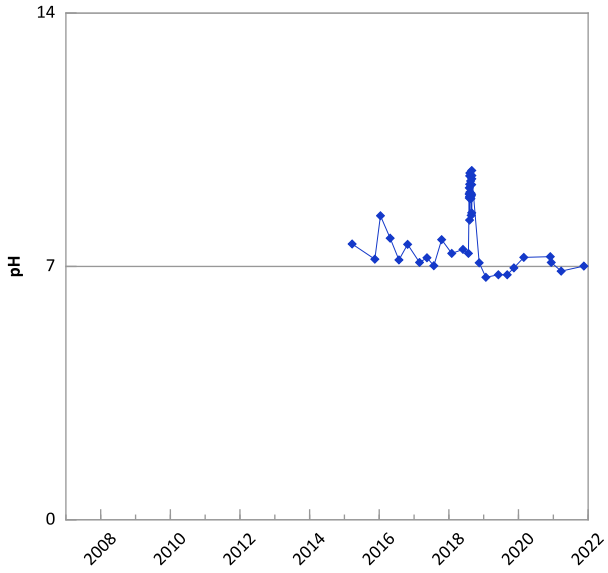
Well Location

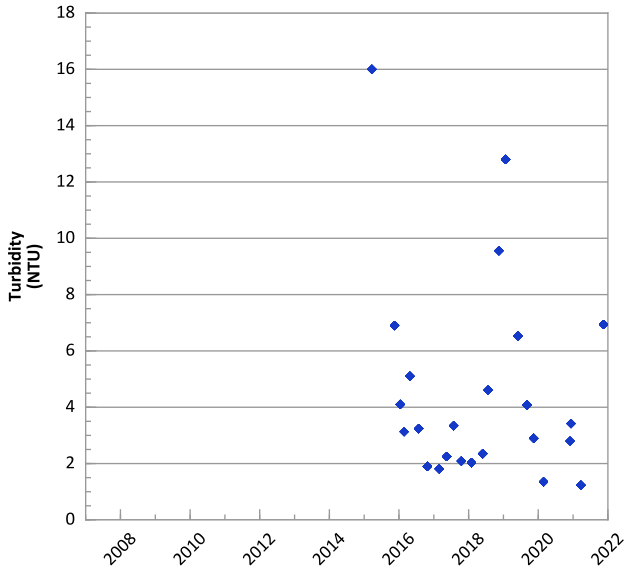


PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



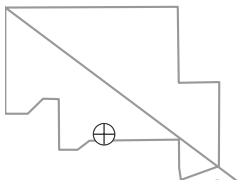






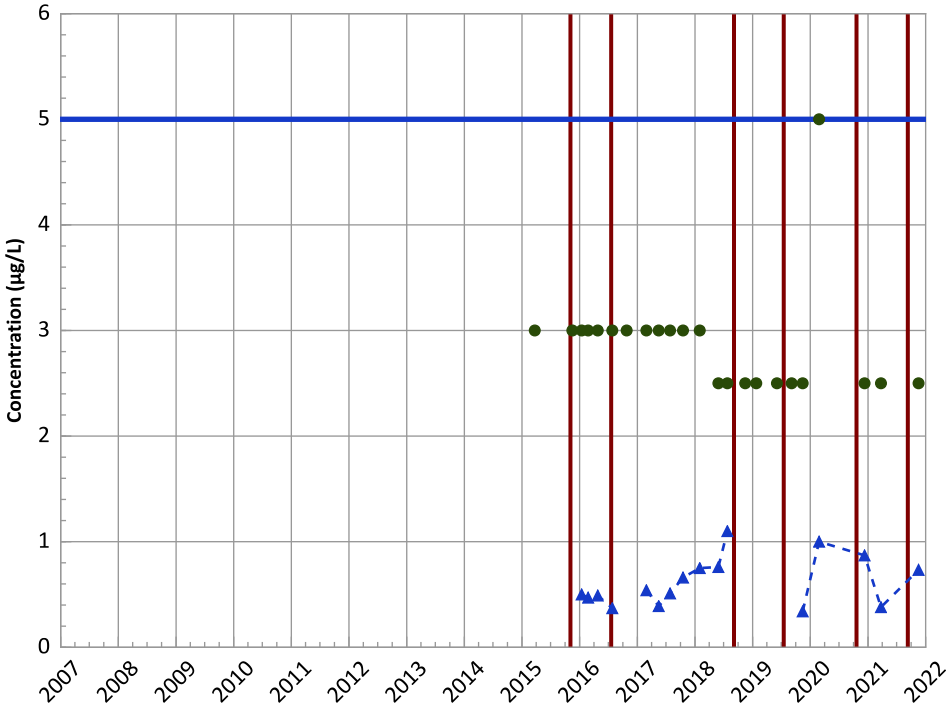
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

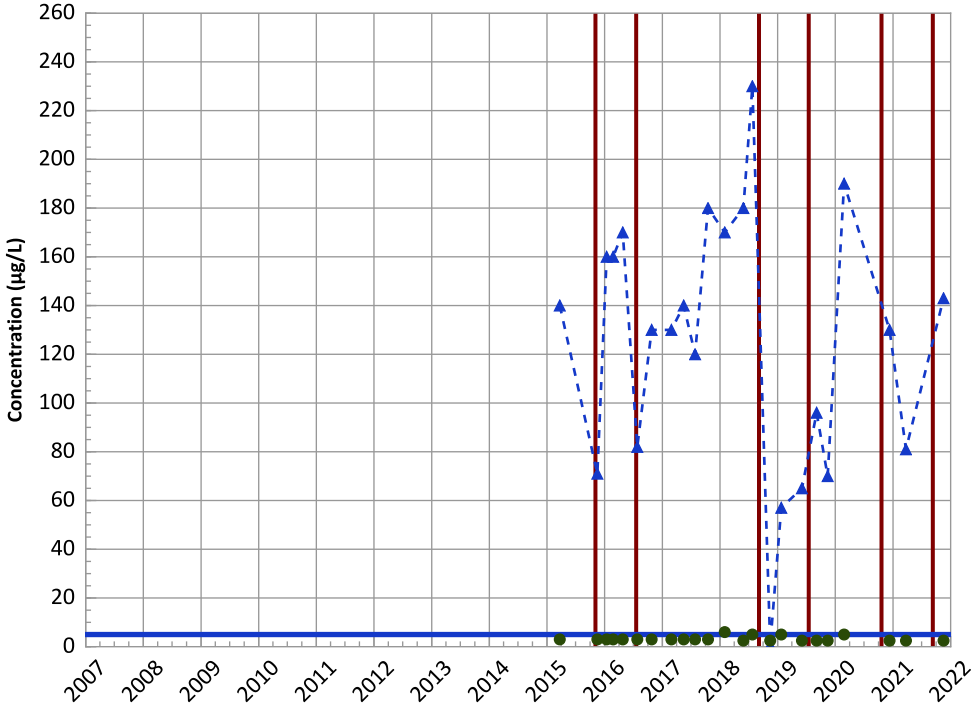


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Trichloroethene Trend



Concentration Trend

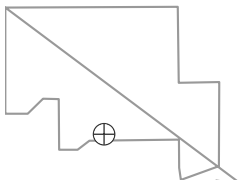
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

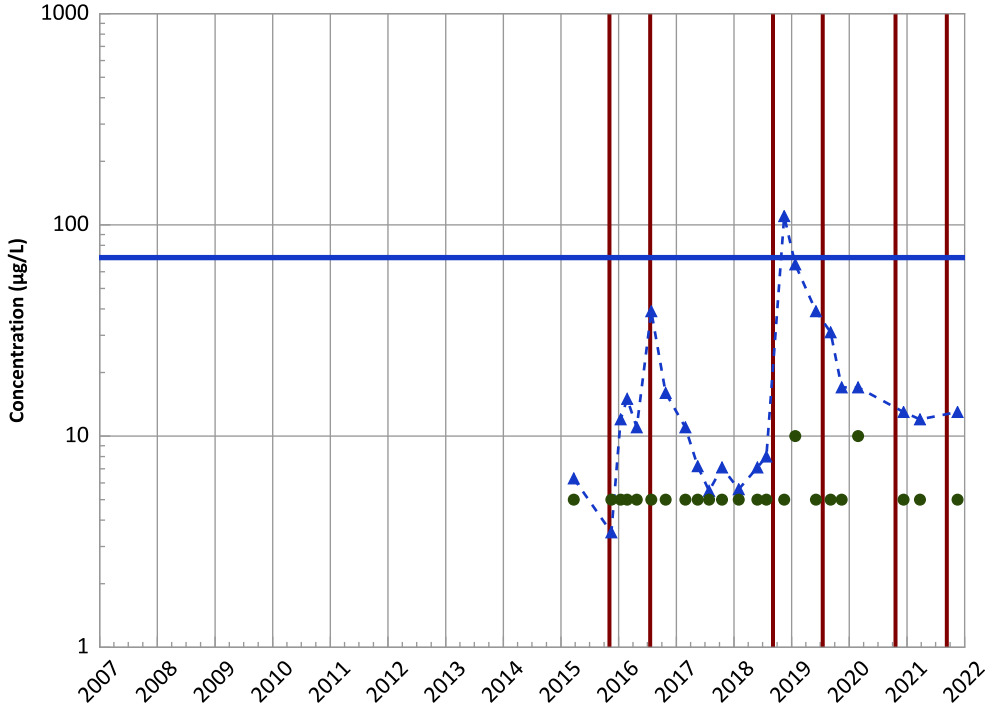
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

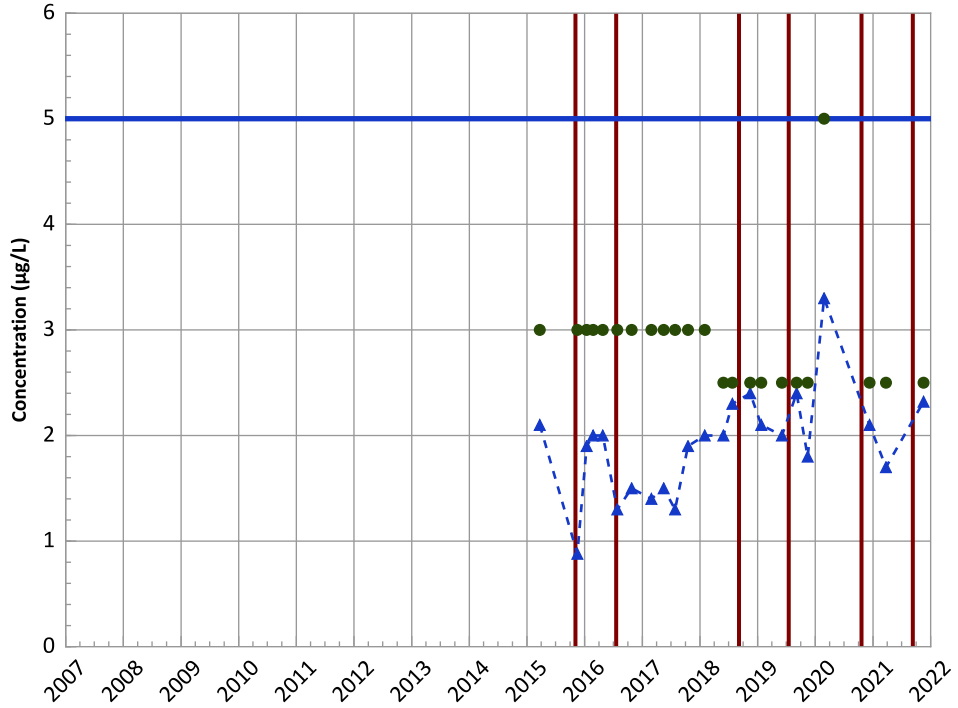


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

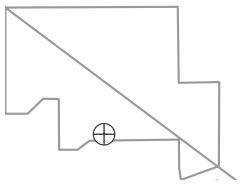
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

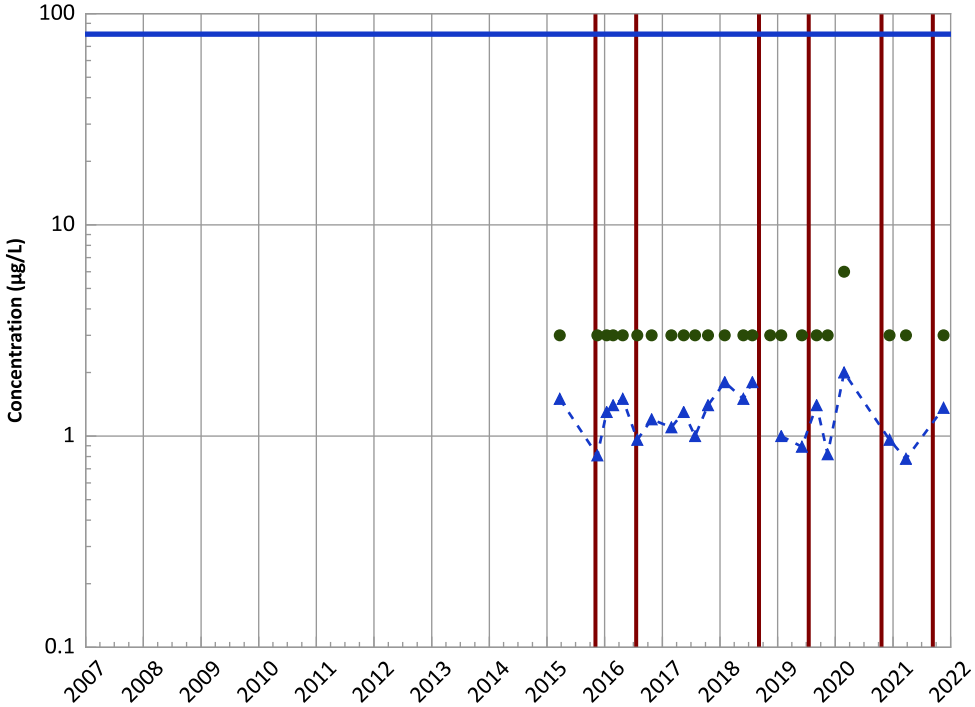
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

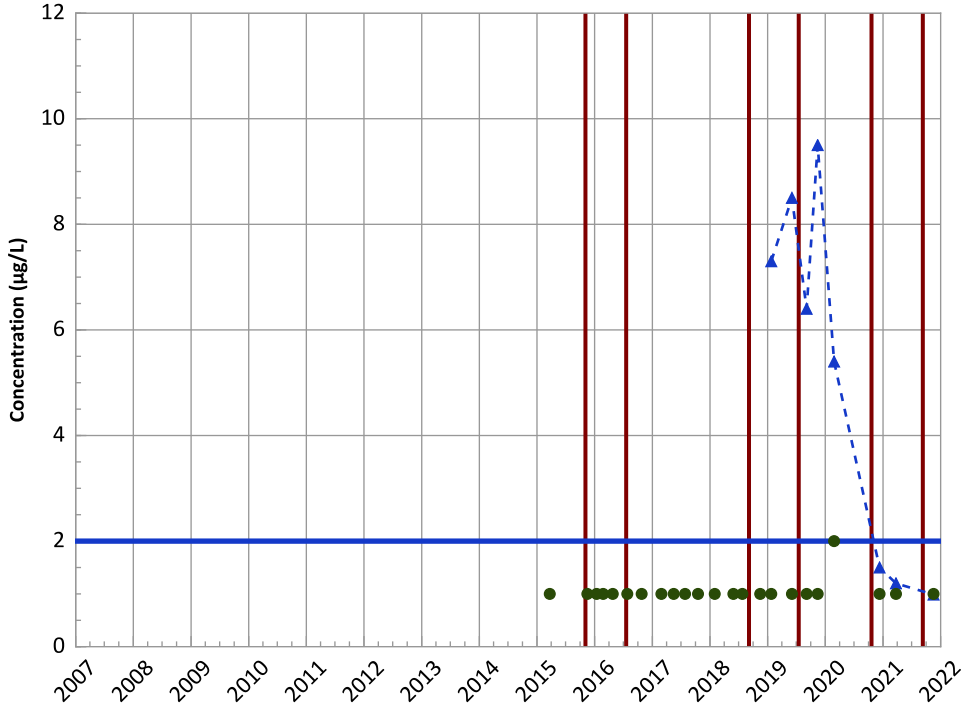


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

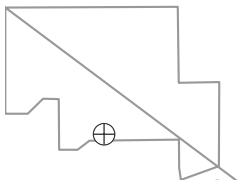
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

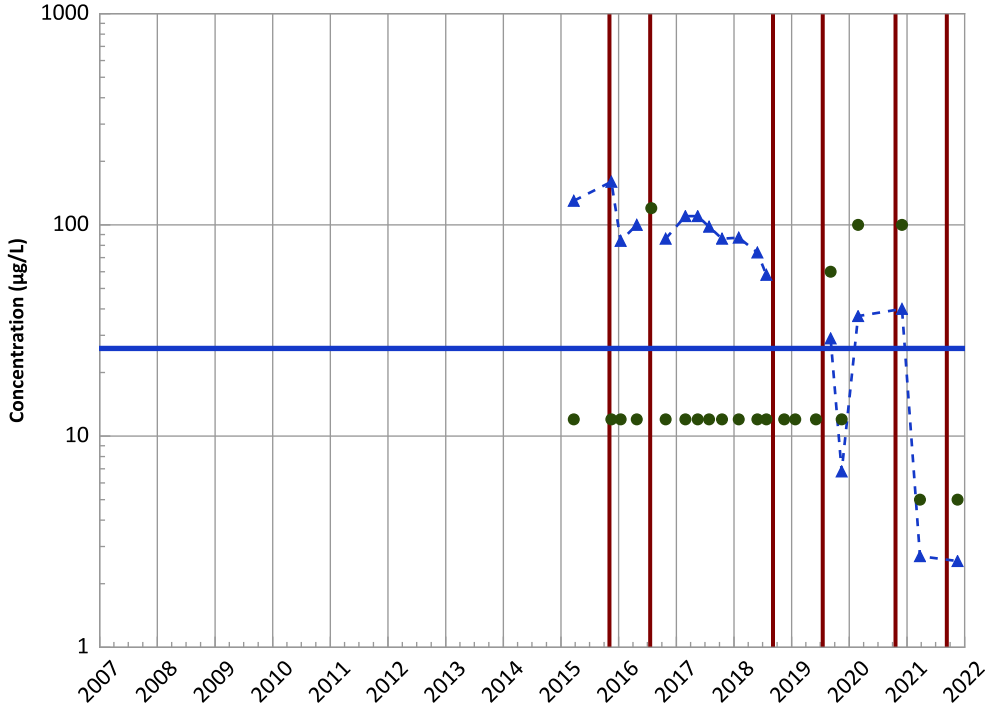
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

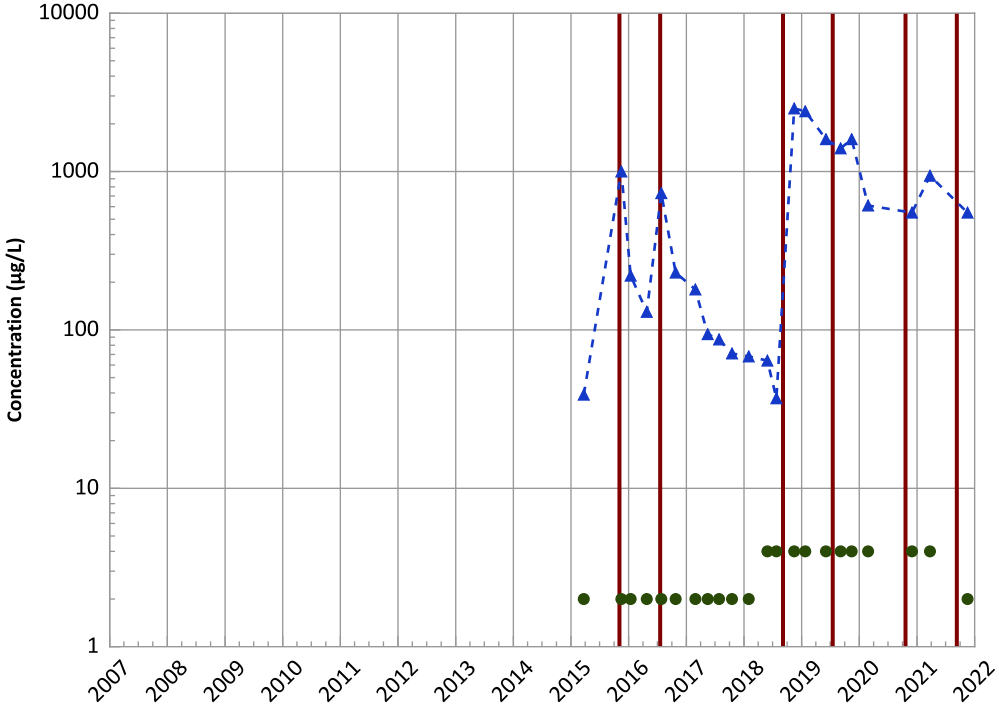


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

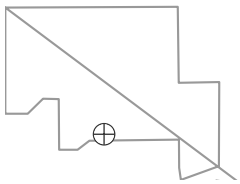
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

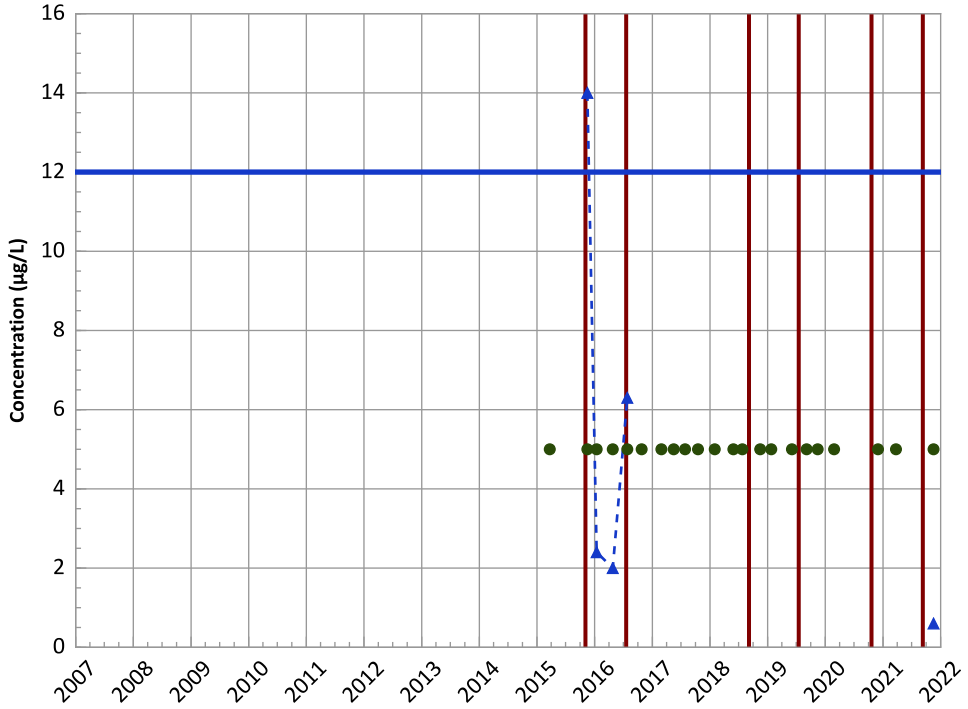
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

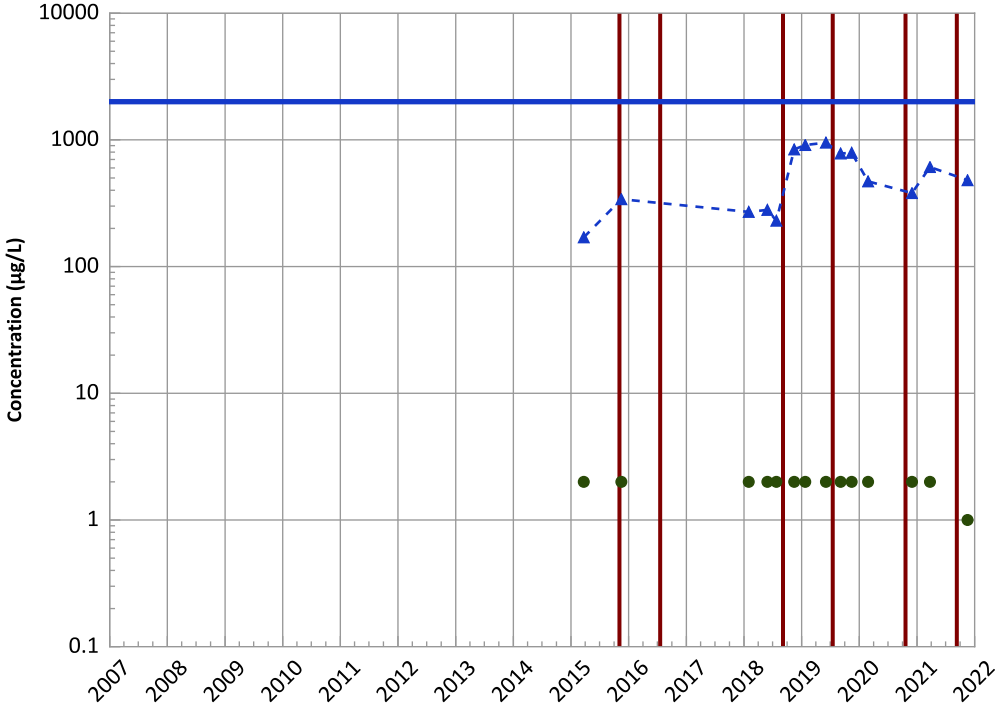


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

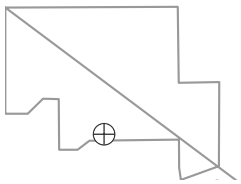
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

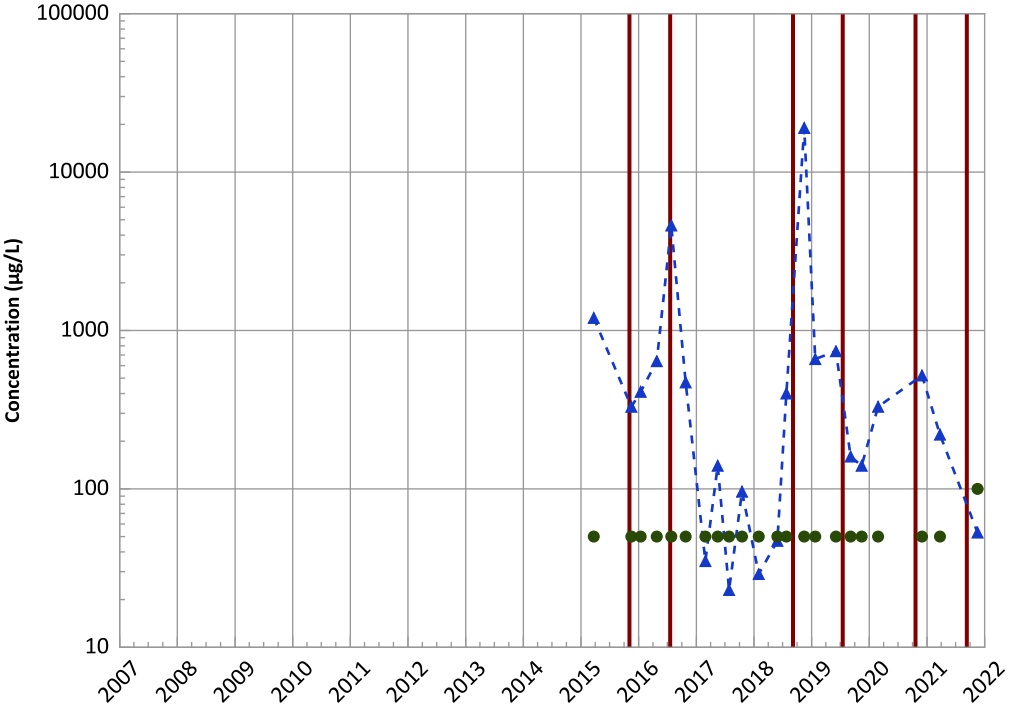
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

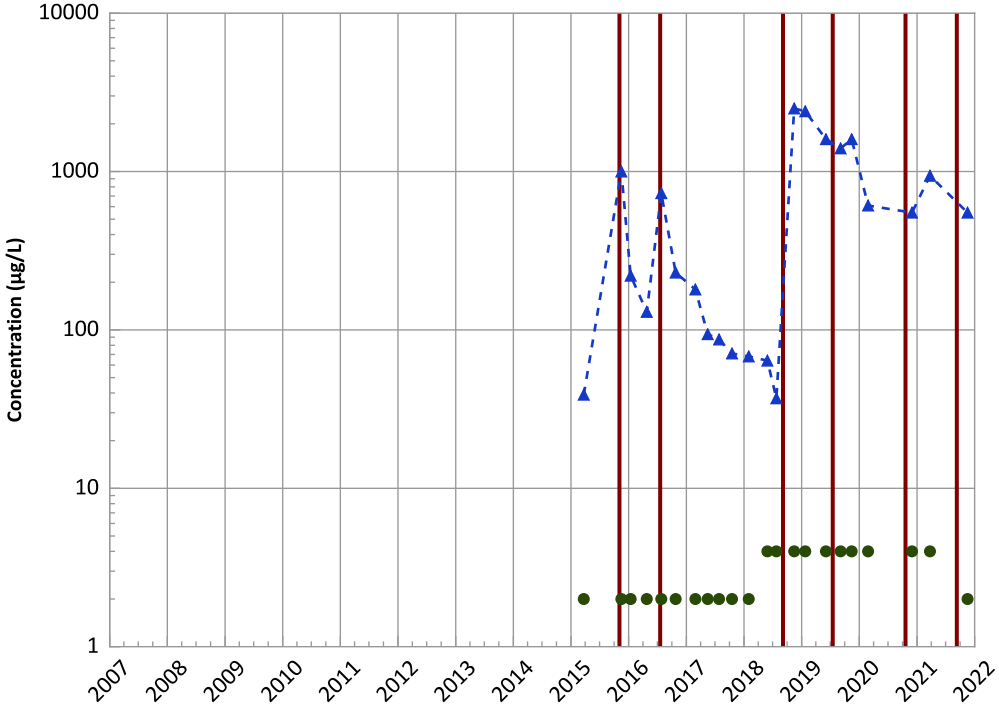


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

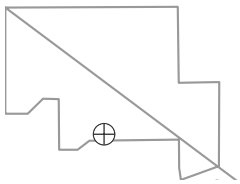
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

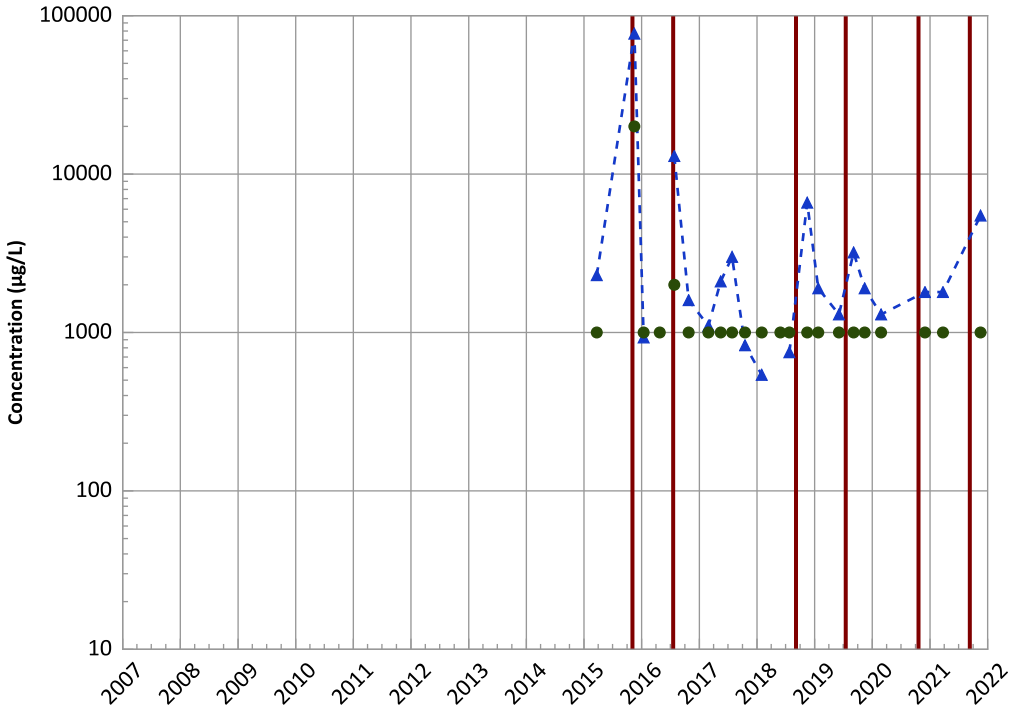
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

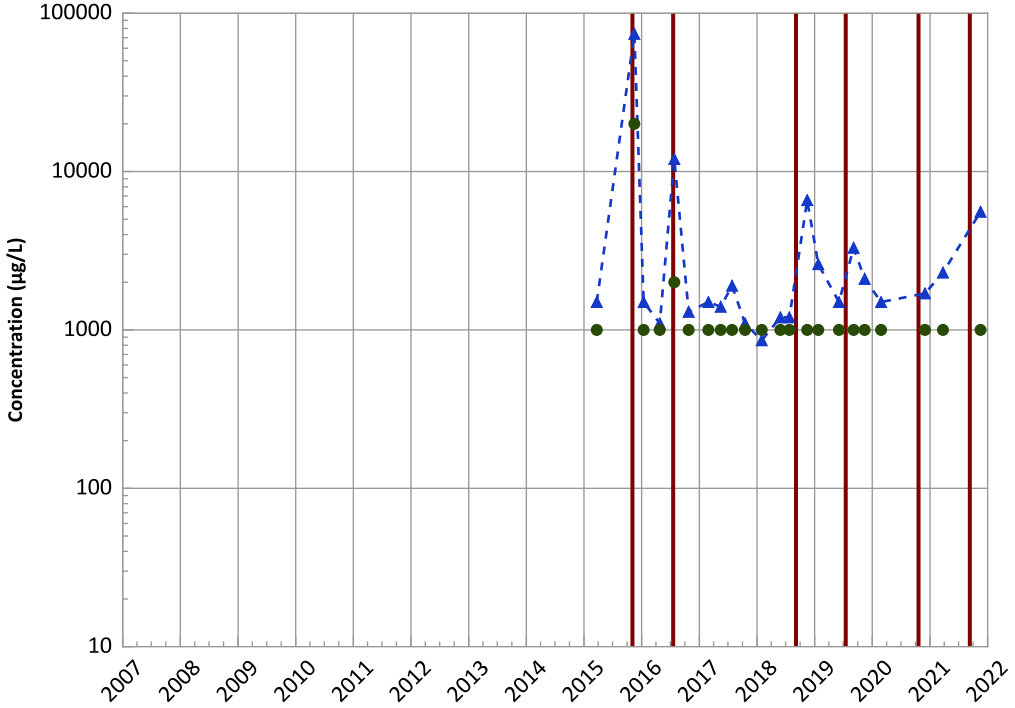


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Increasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

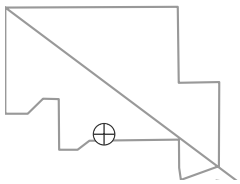
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

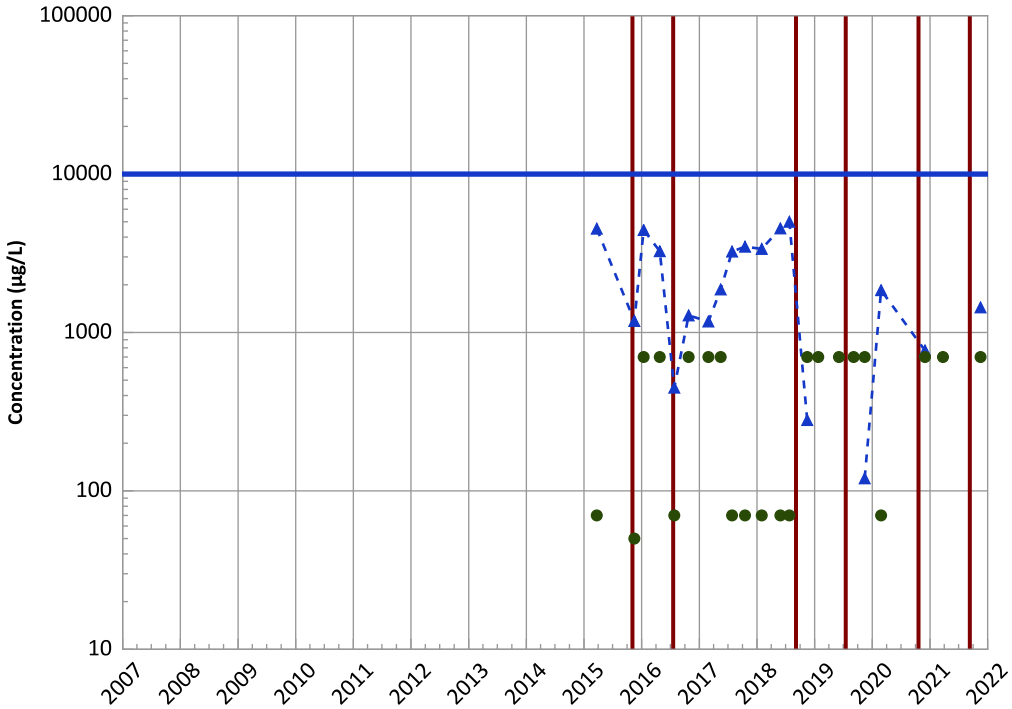
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

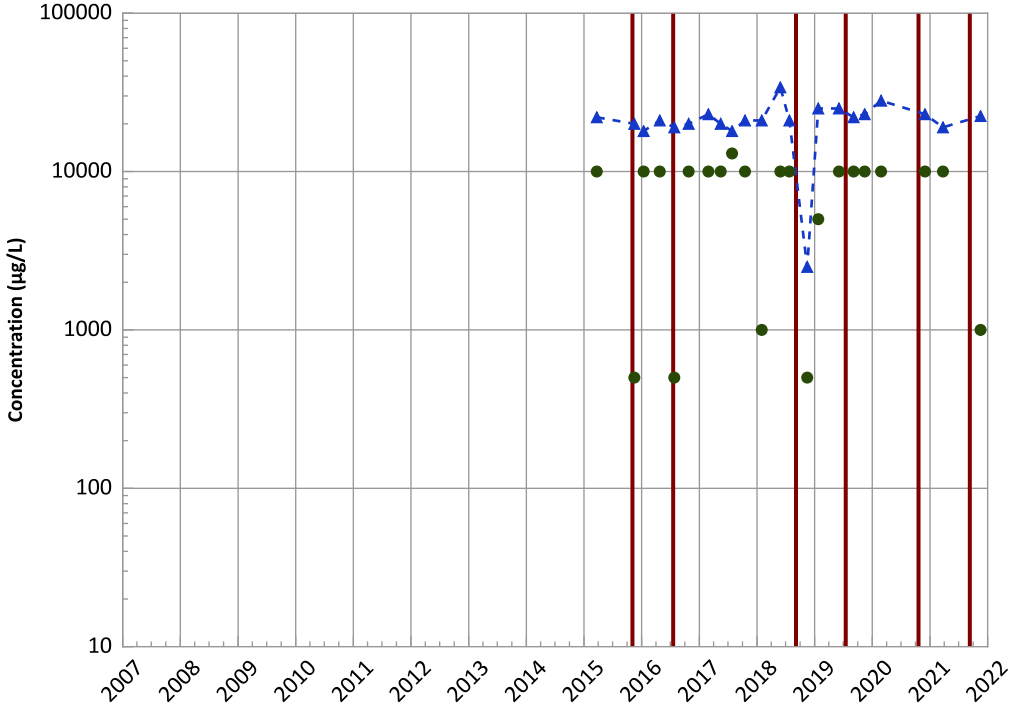


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Probably Increasing

Sulfate (as SO4) Trend



Concentration Trend

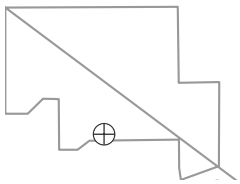
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

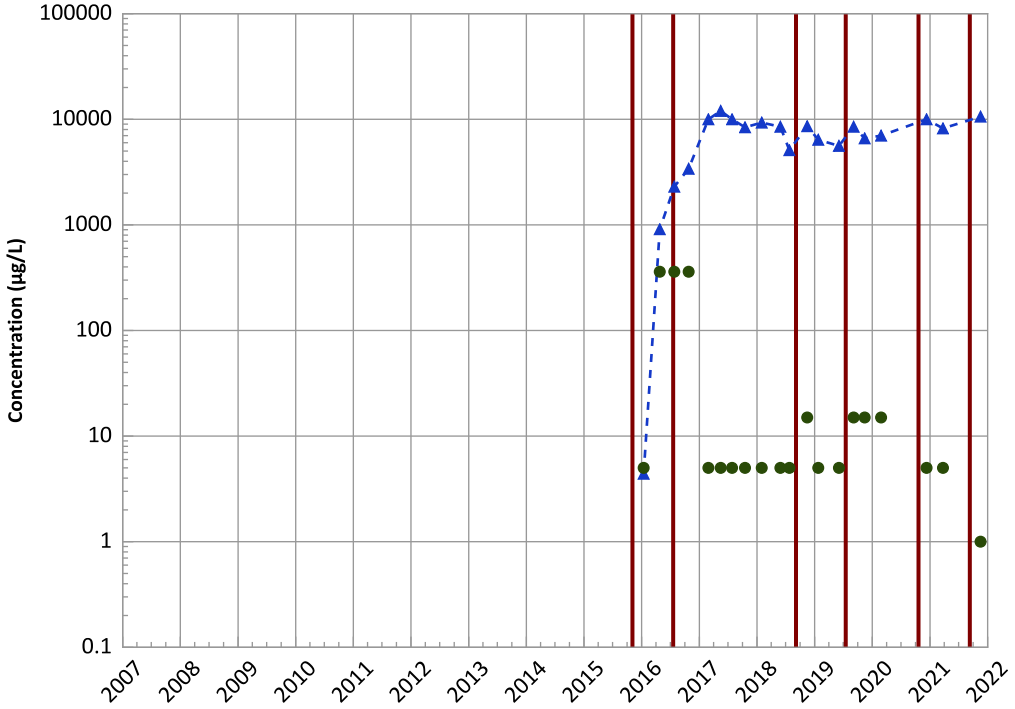
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

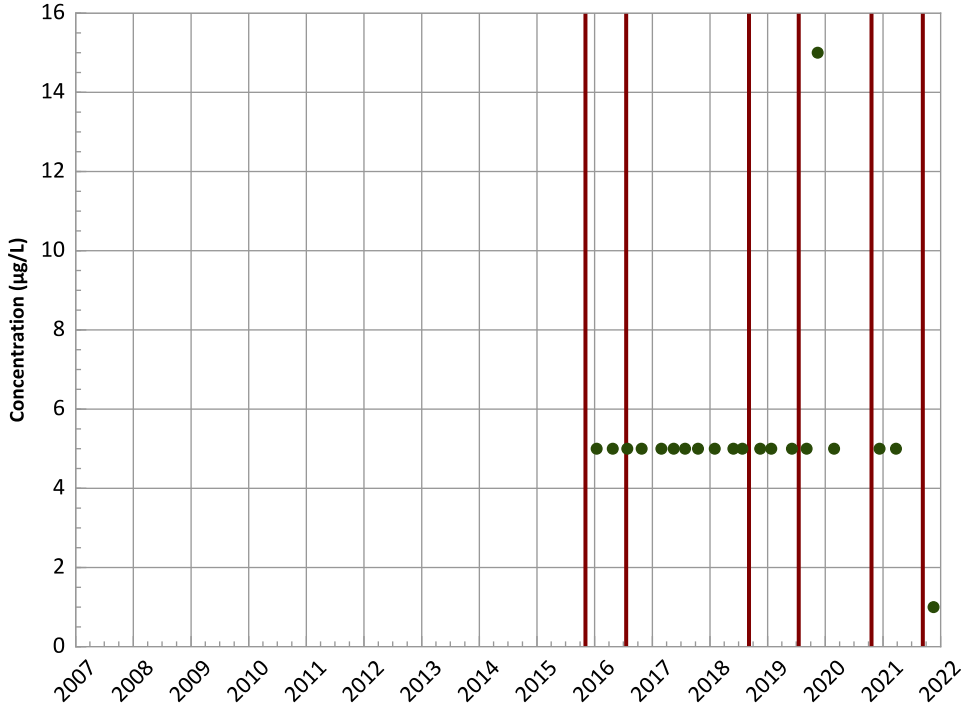


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Ethane Trend



Concentration Trend

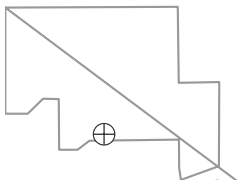
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

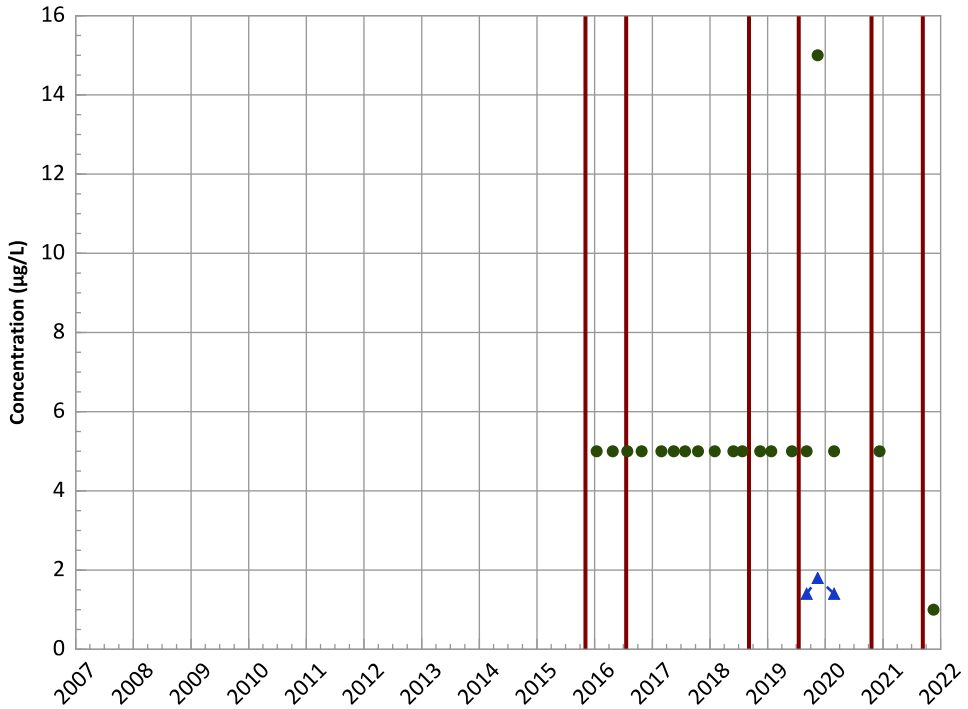
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1164 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

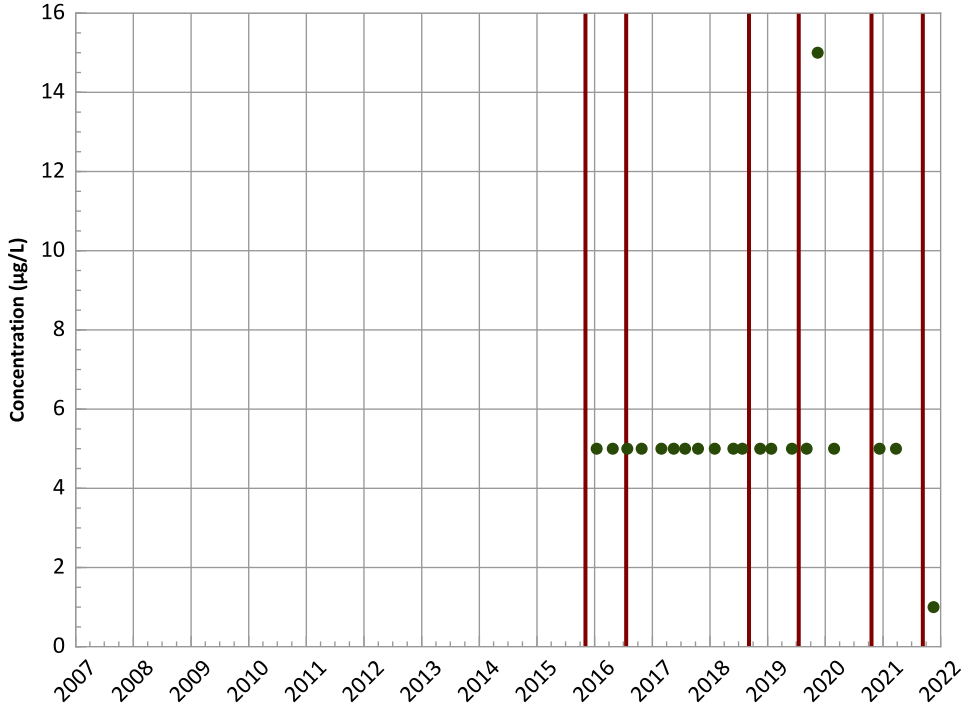


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trend



Concentration Trend

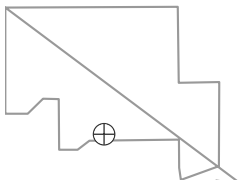
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

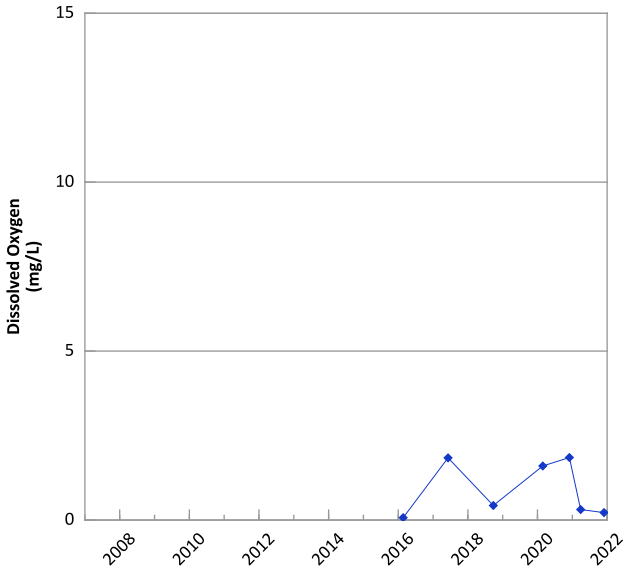
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/23/2015 to 11/17/2021
Analysis Date: 05/26/2022

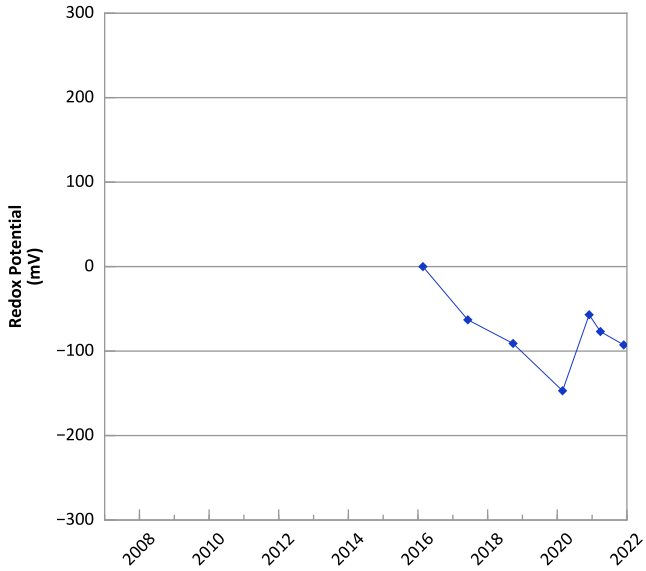
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

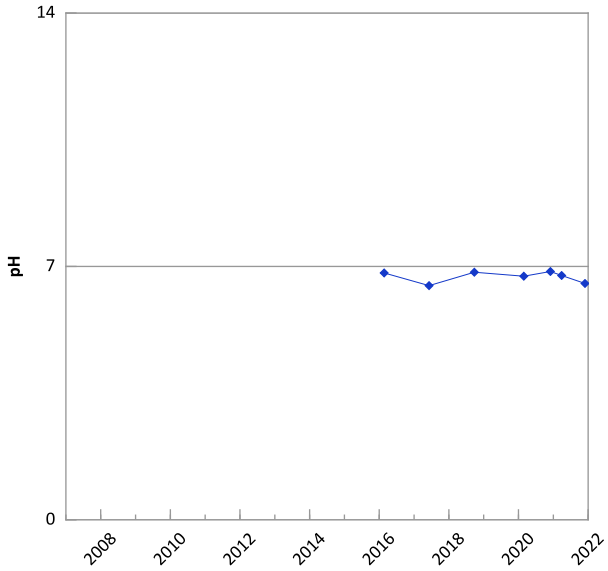
Well Location

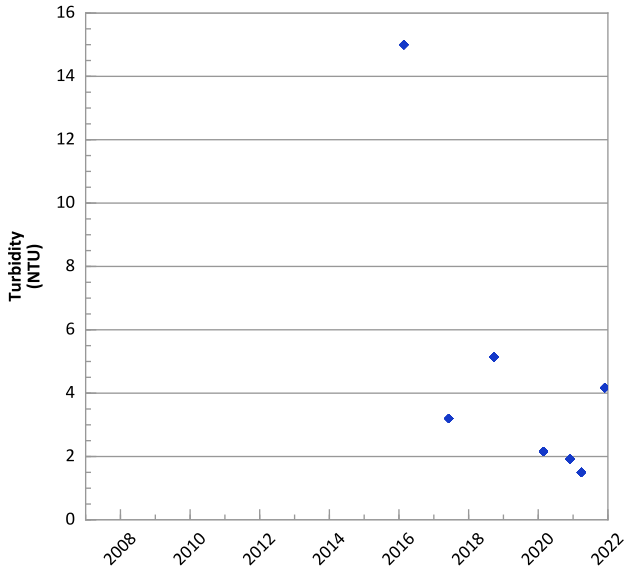


PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



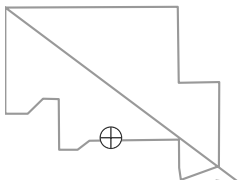






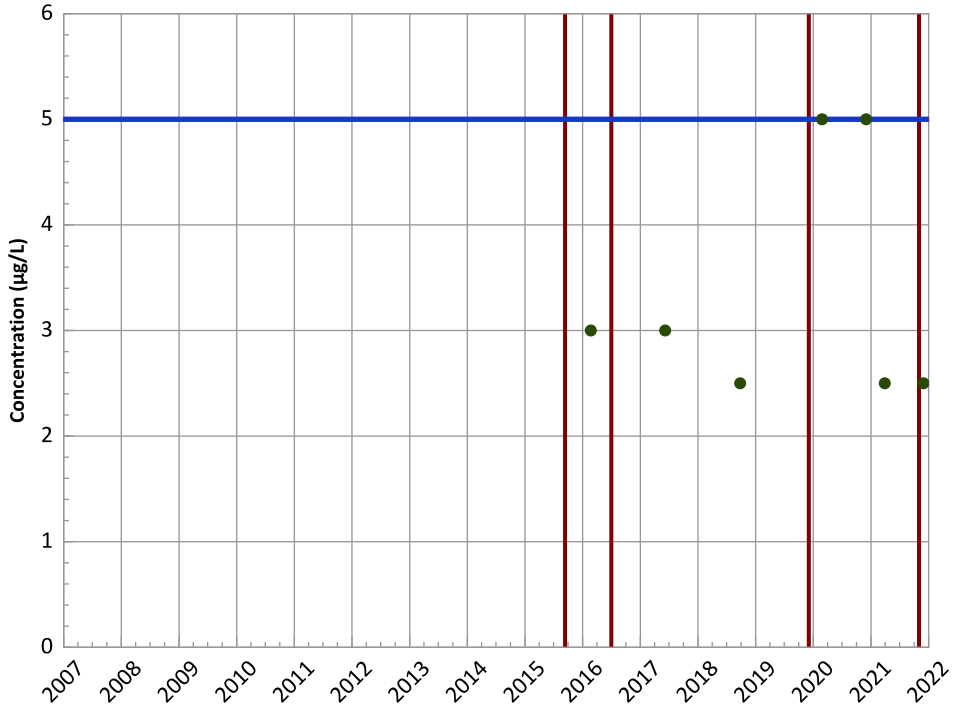
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

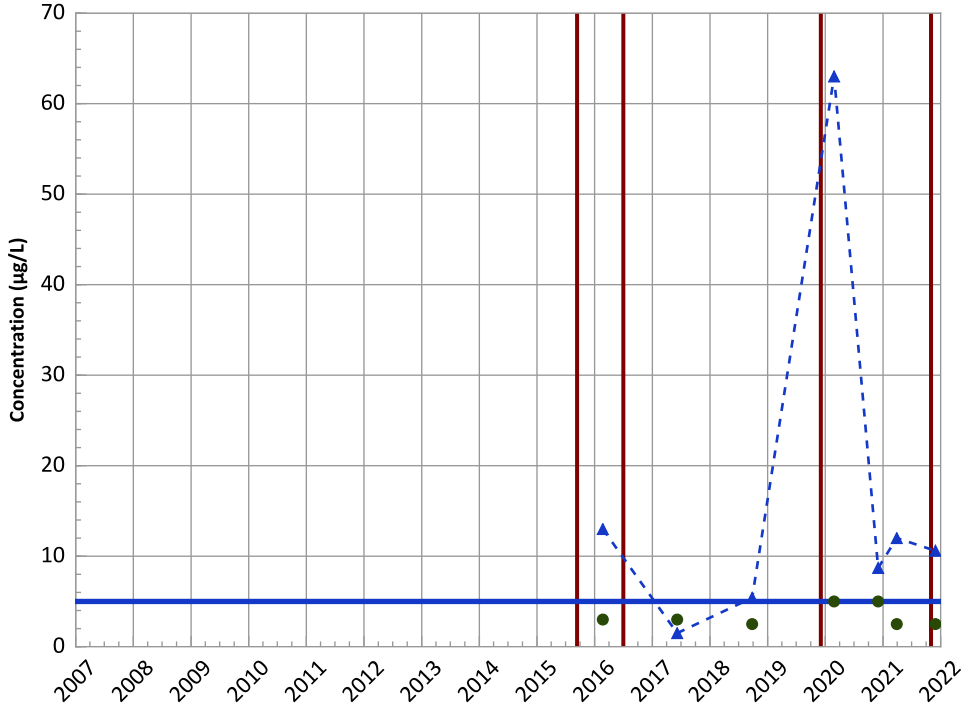


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

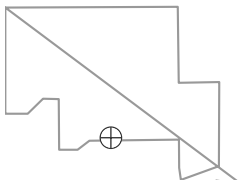
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

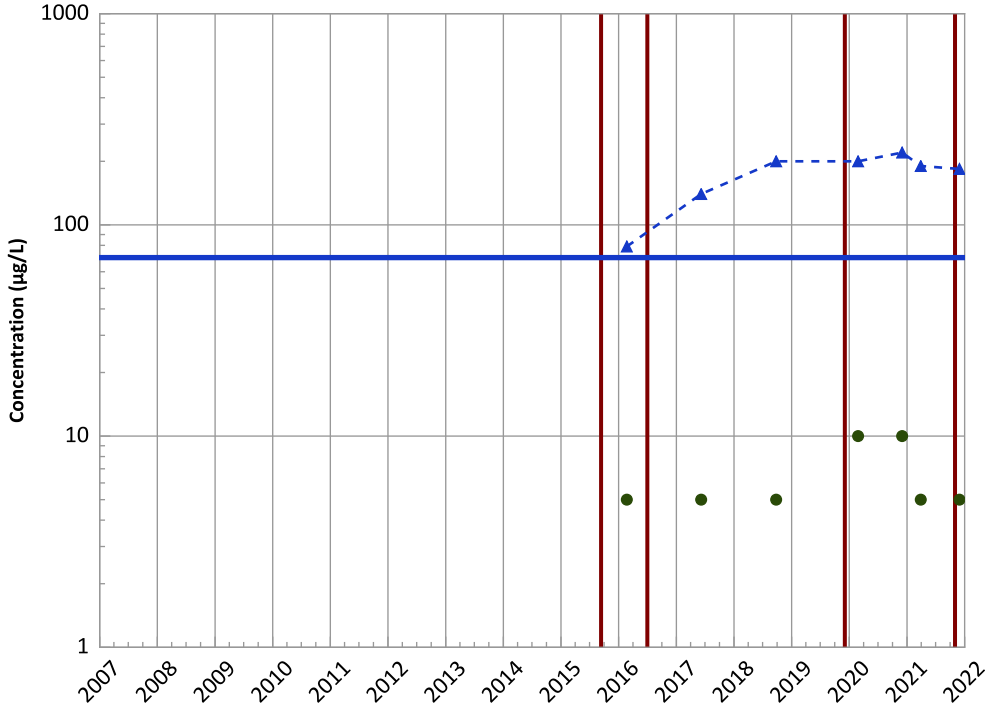
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

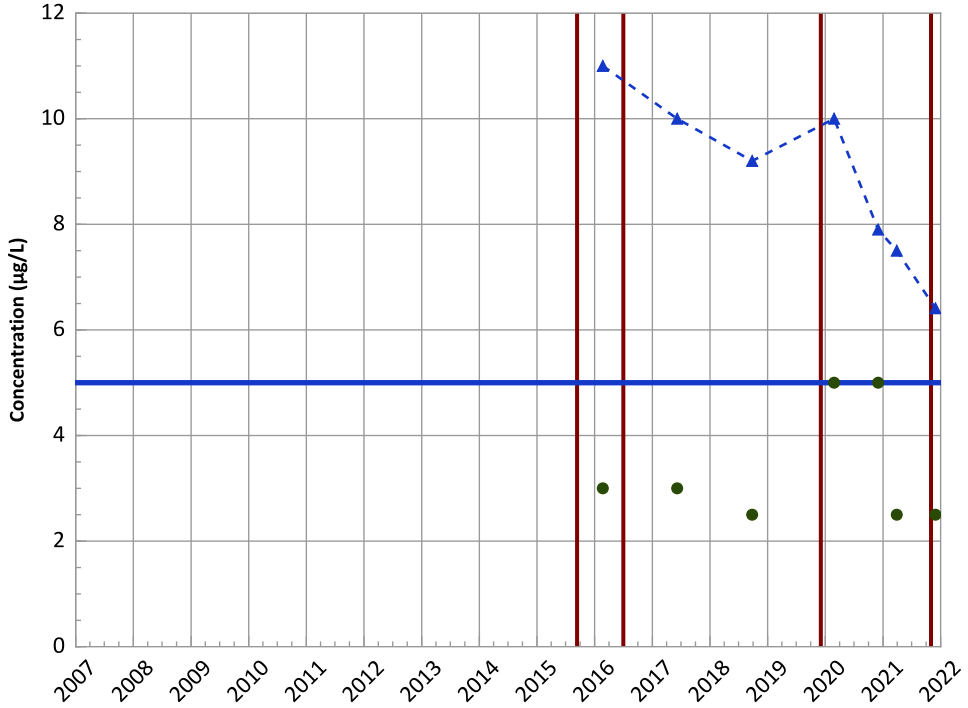


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

1,2-Dichloroethane Trend

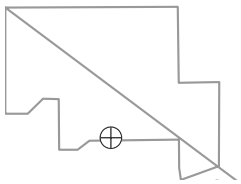


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Well Location

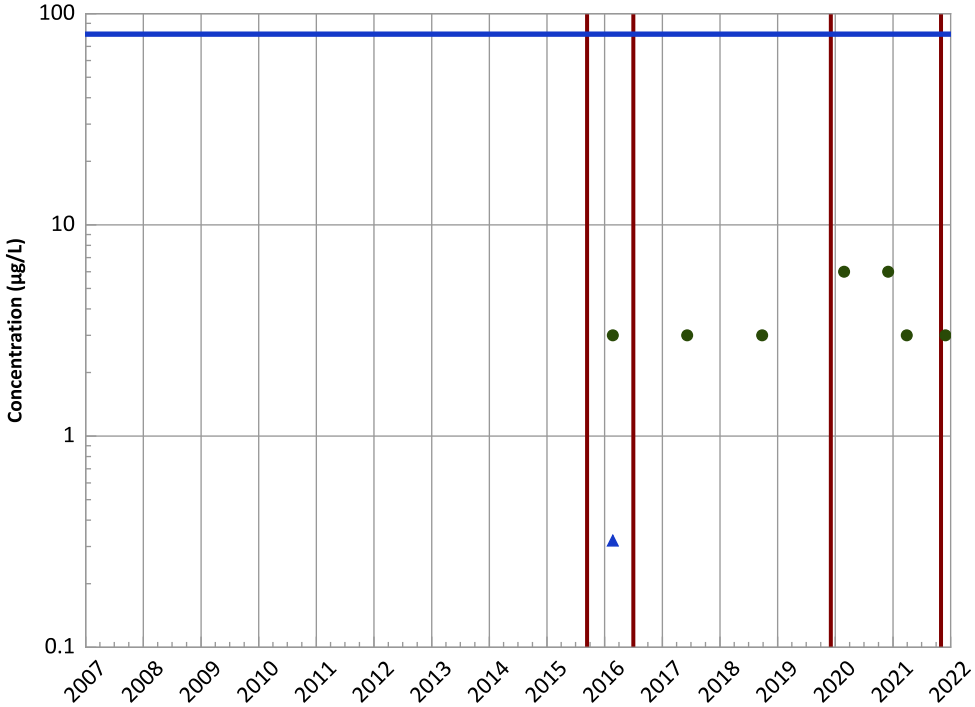


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

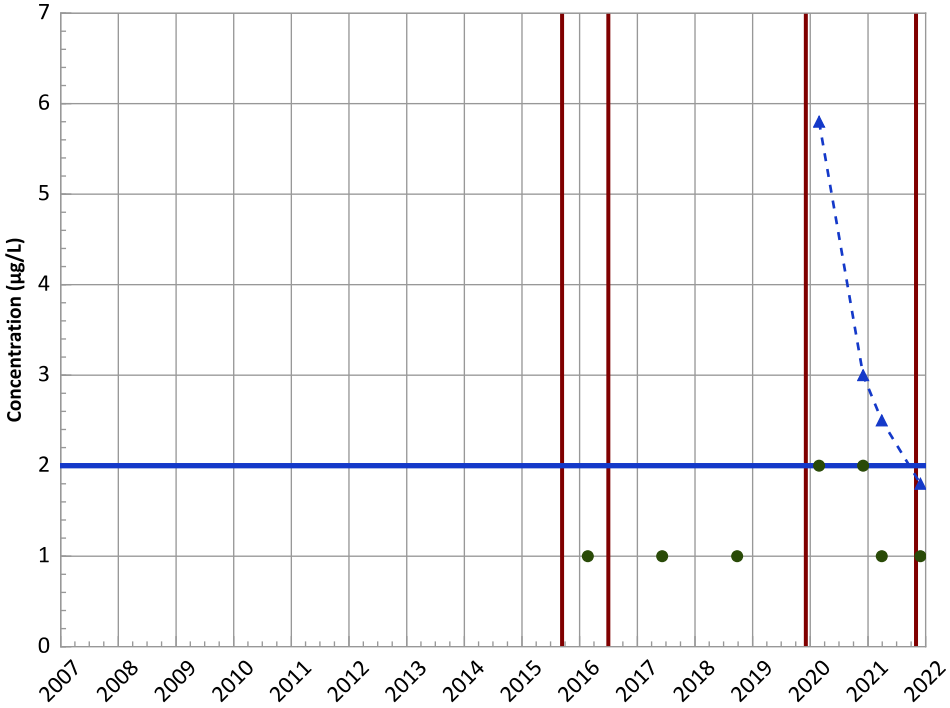


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend

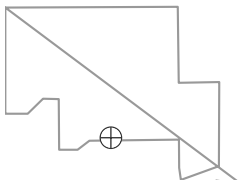


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

Well Location

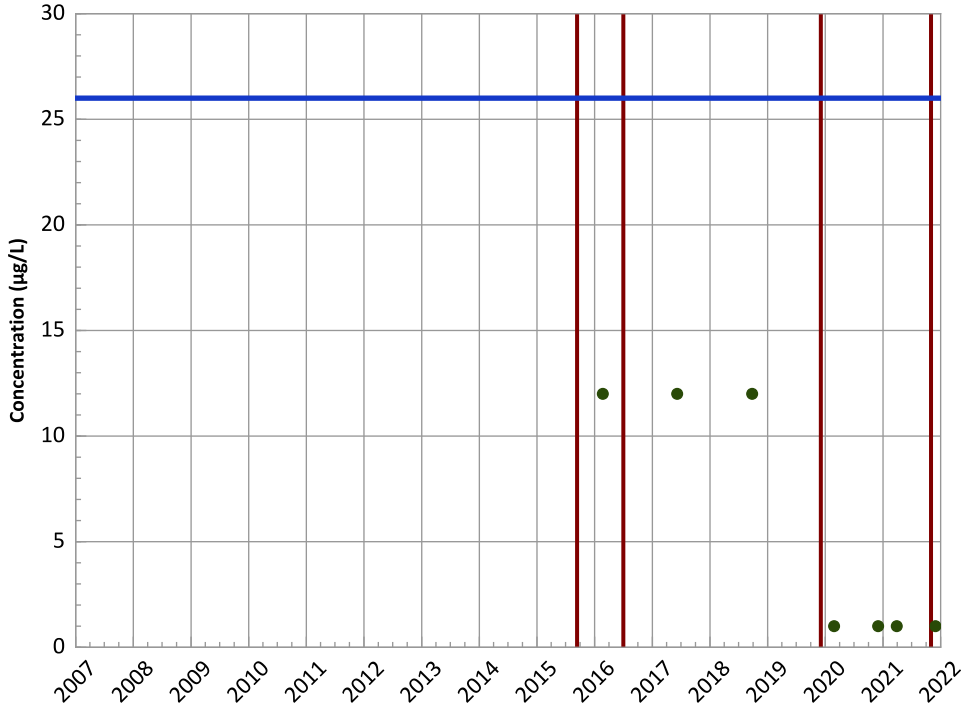


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

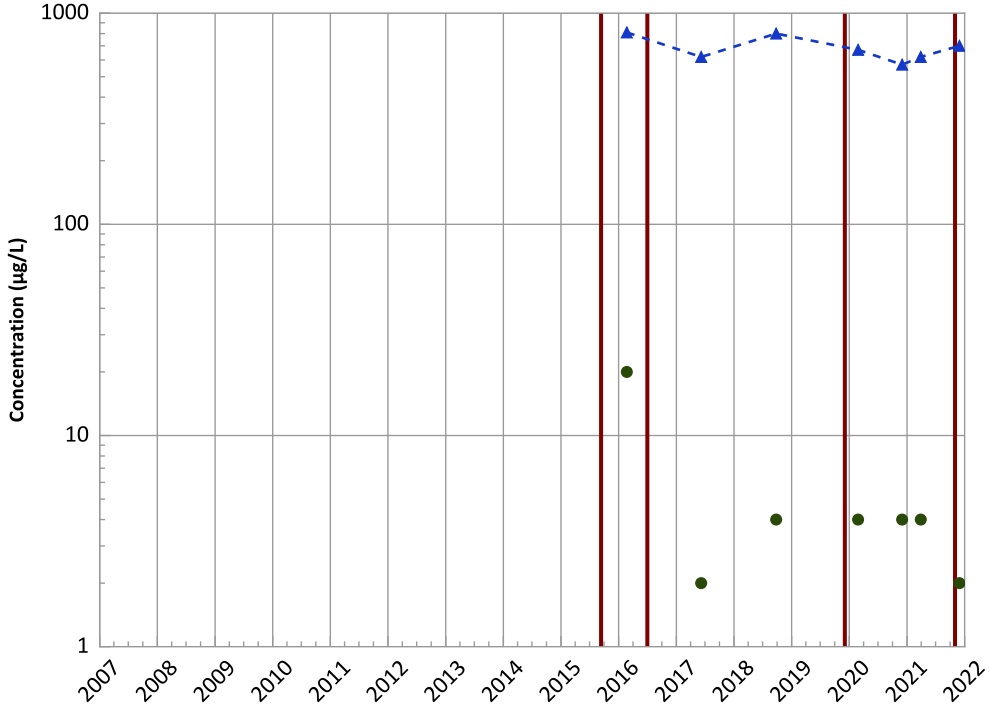


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

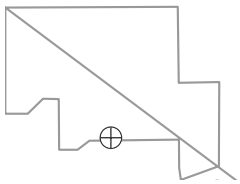
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable' 'Stable
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

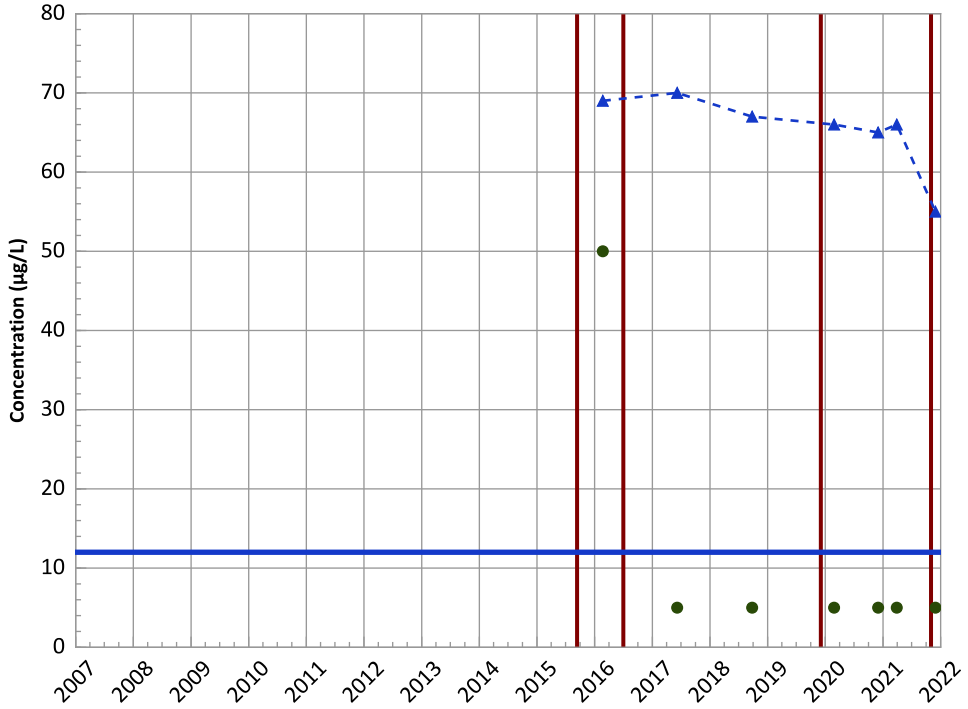
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

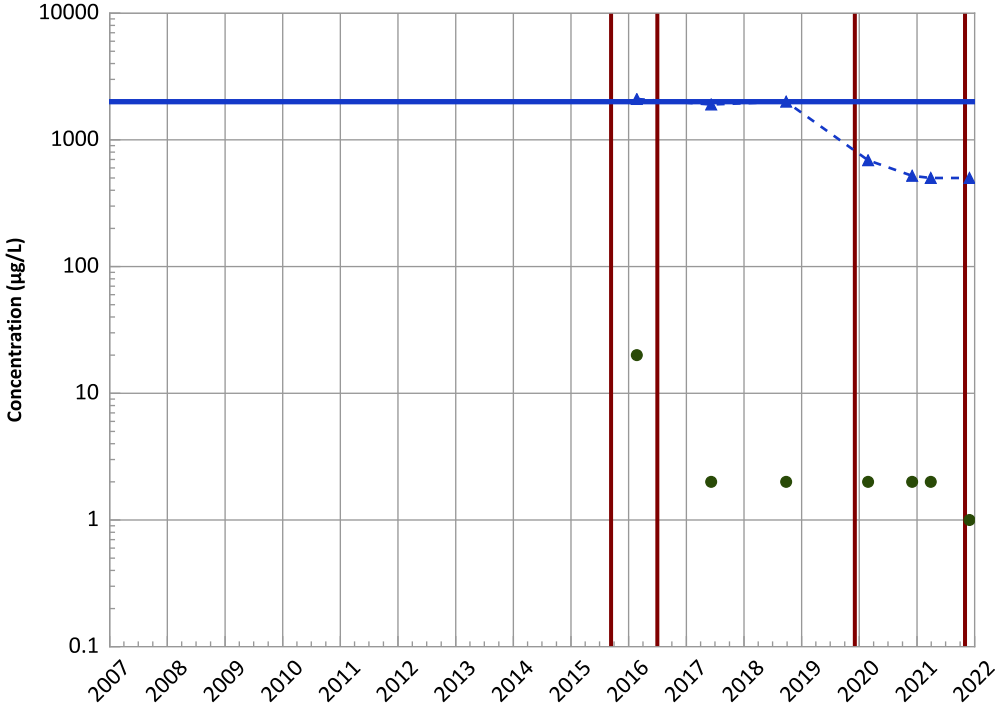


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

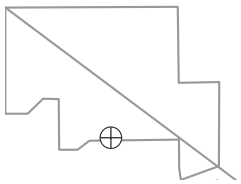
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

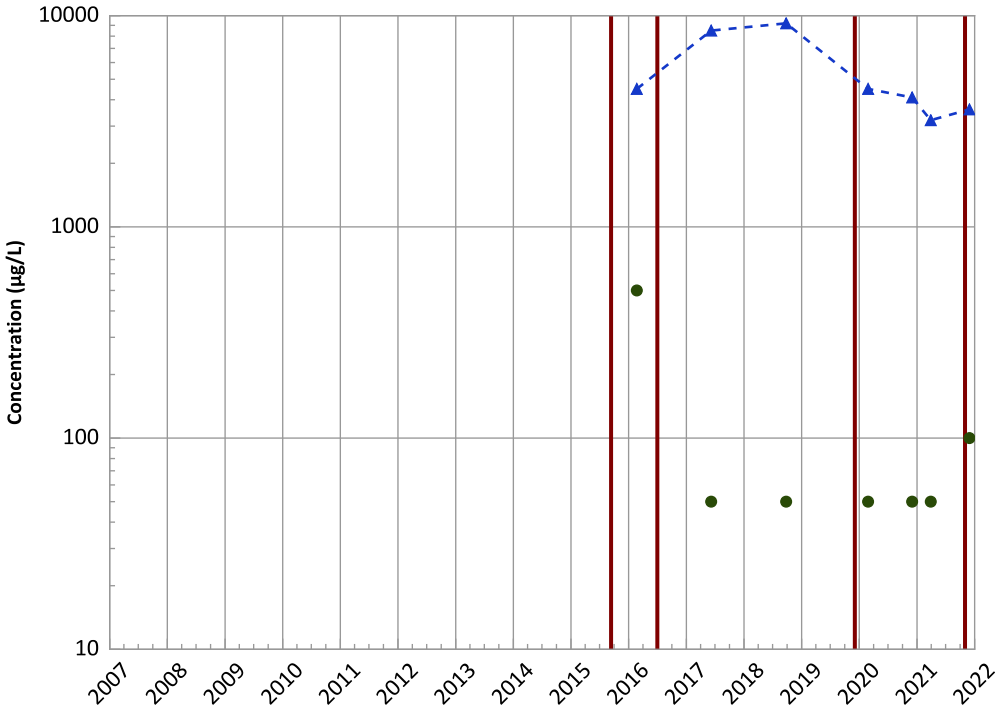
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

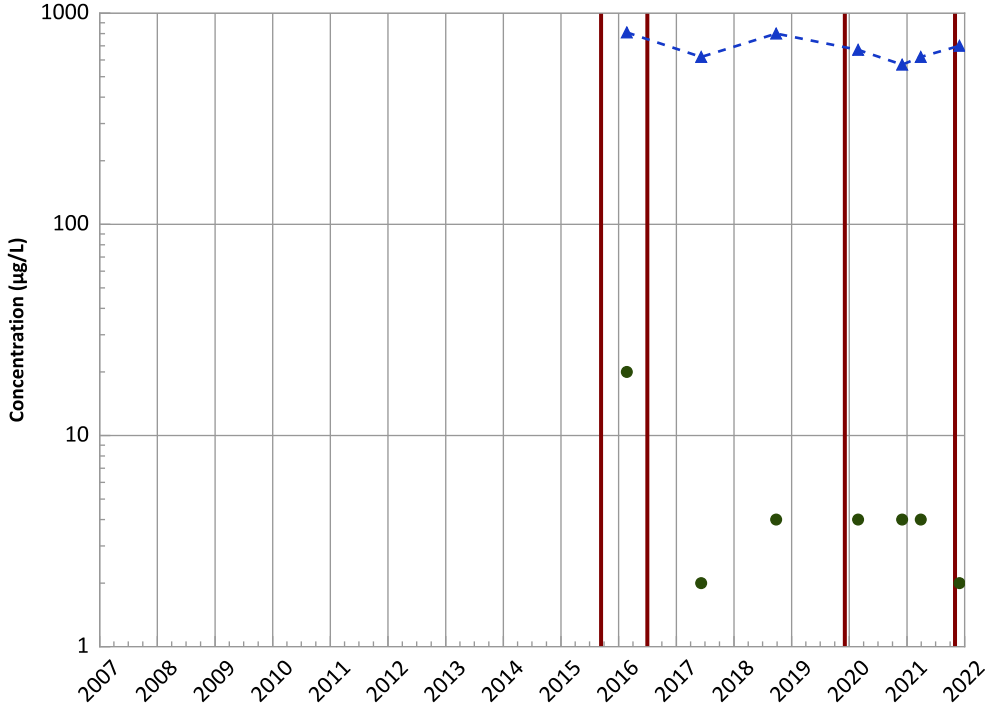


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

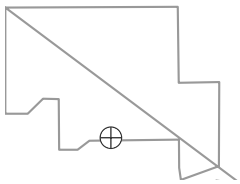
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable' 'Stable
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

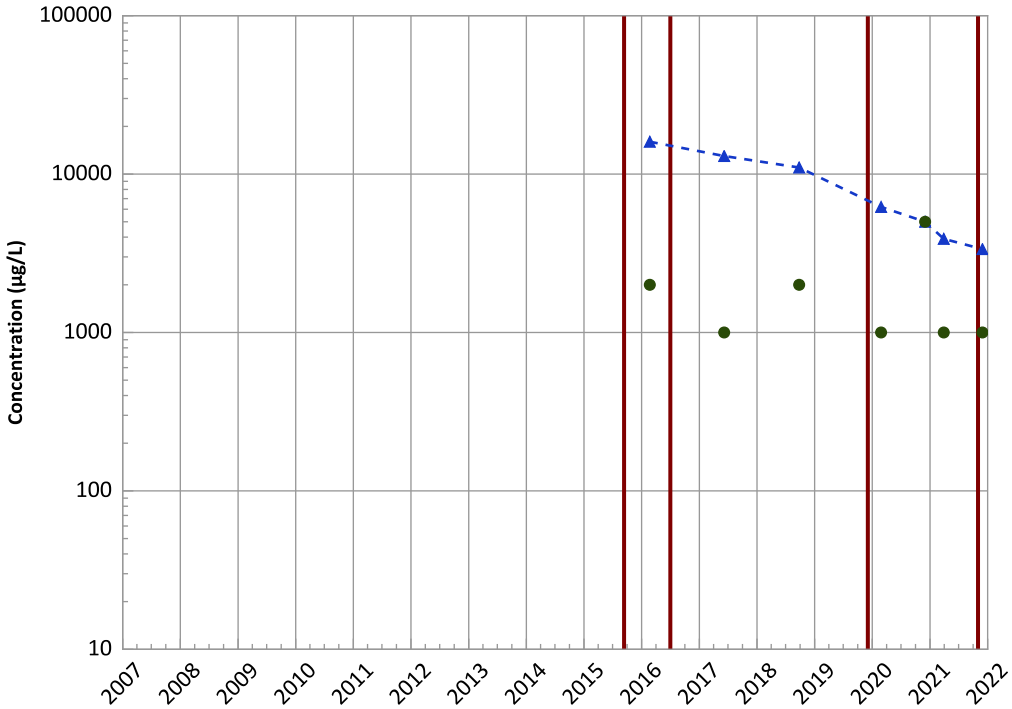
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

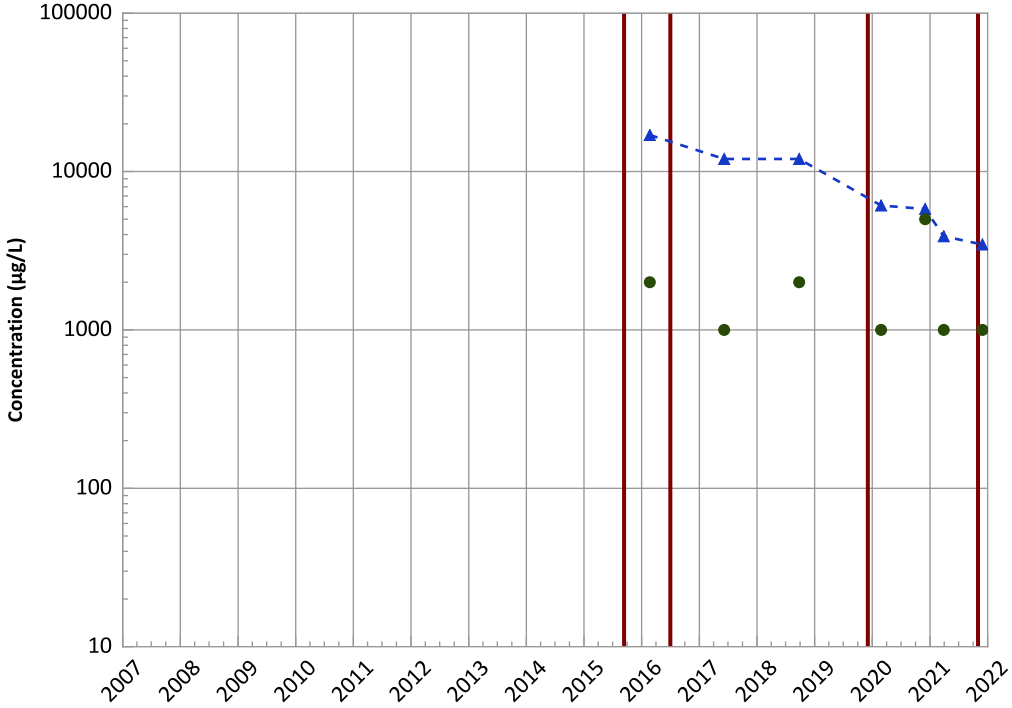


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

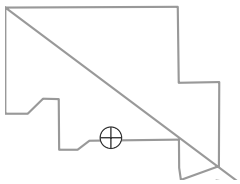
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

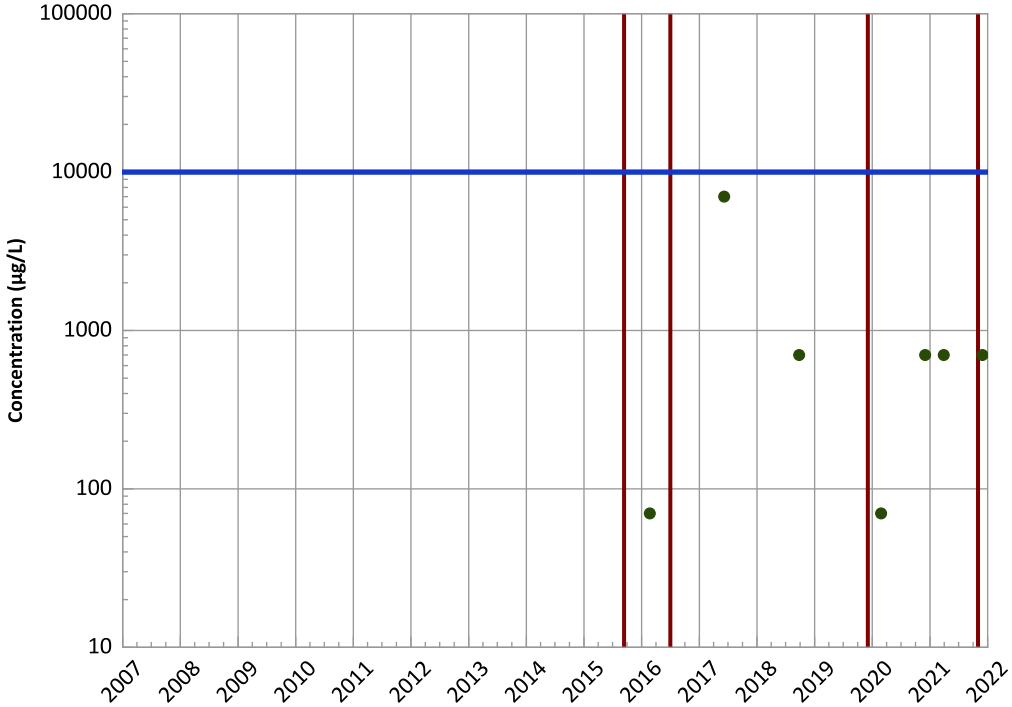
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

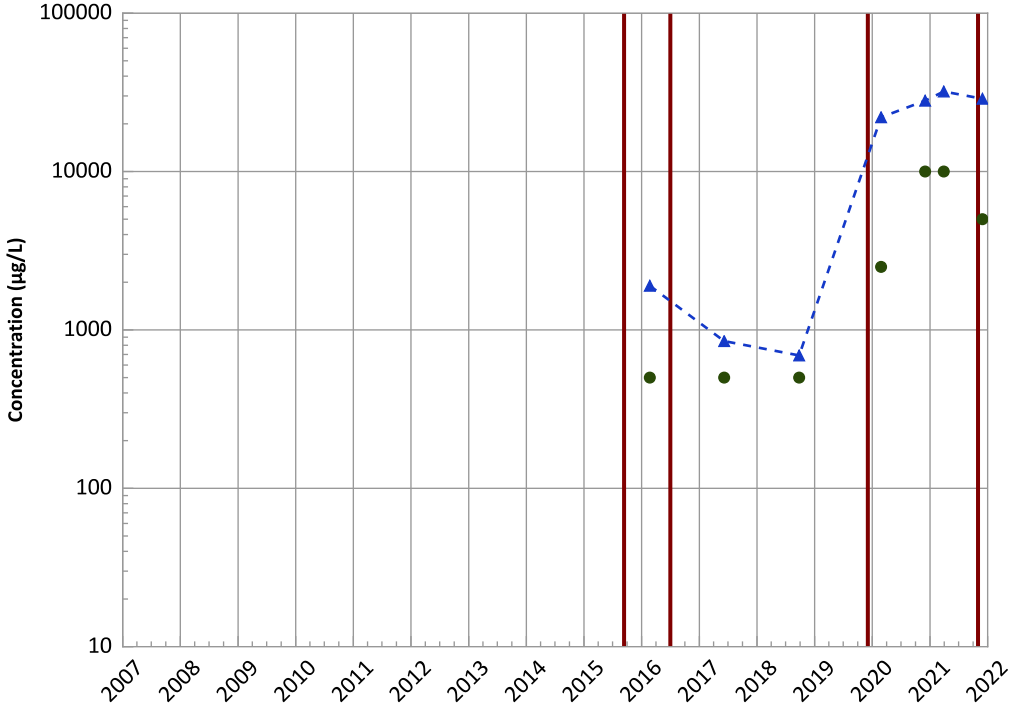


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

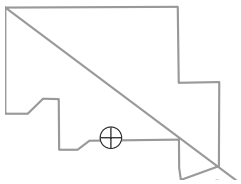
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

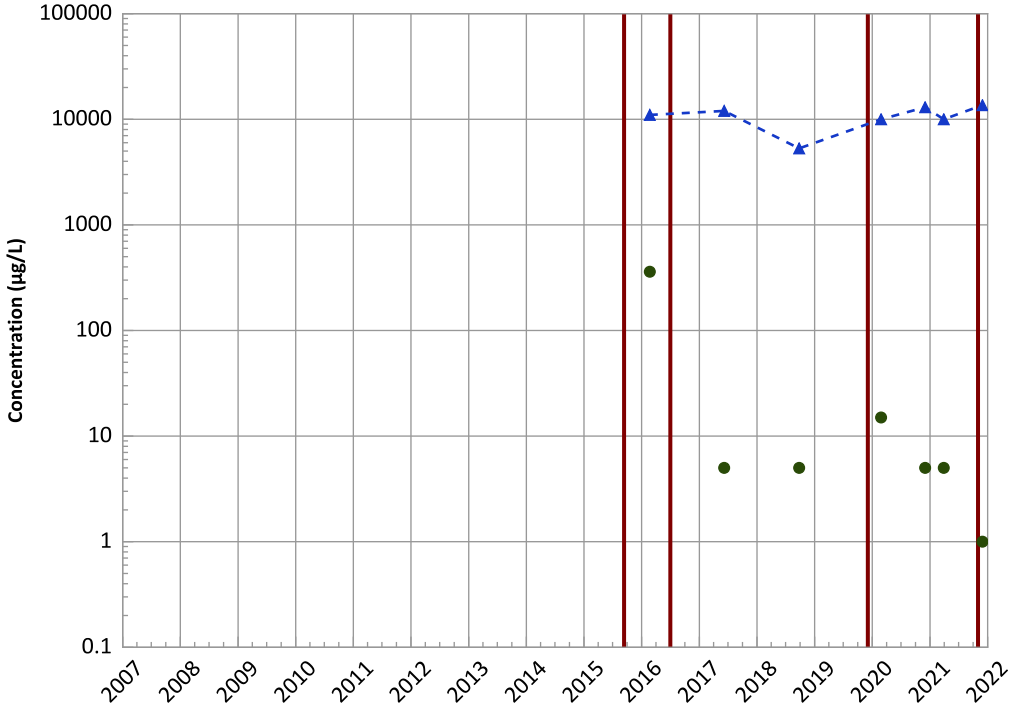
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

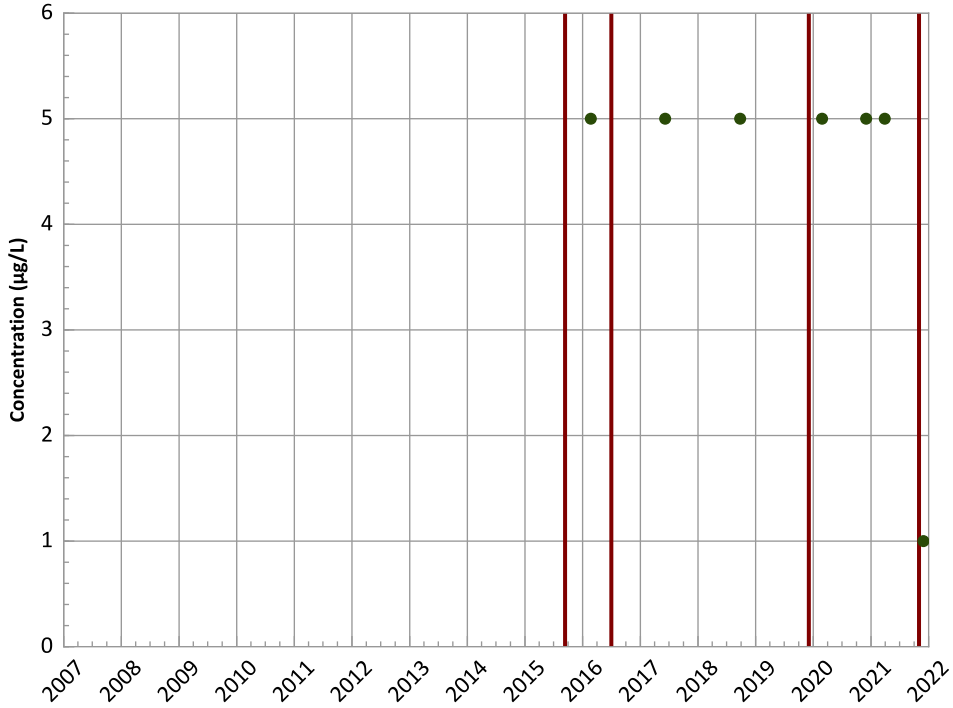


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Ethane Trend



Concentration Trend

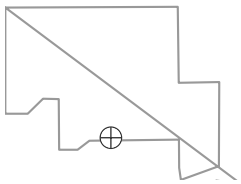
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

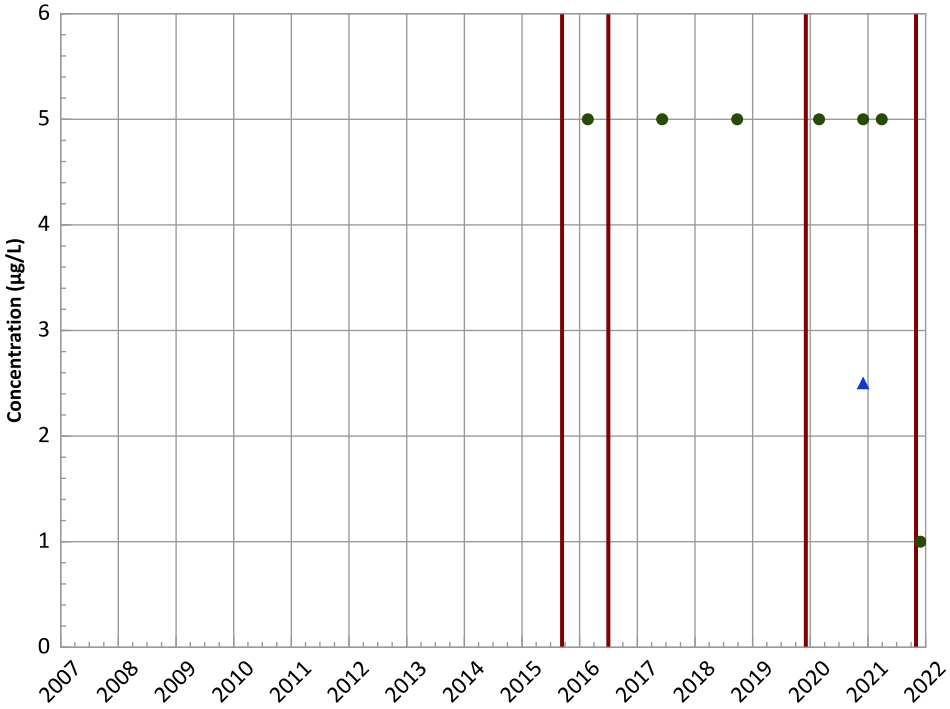
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1169 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

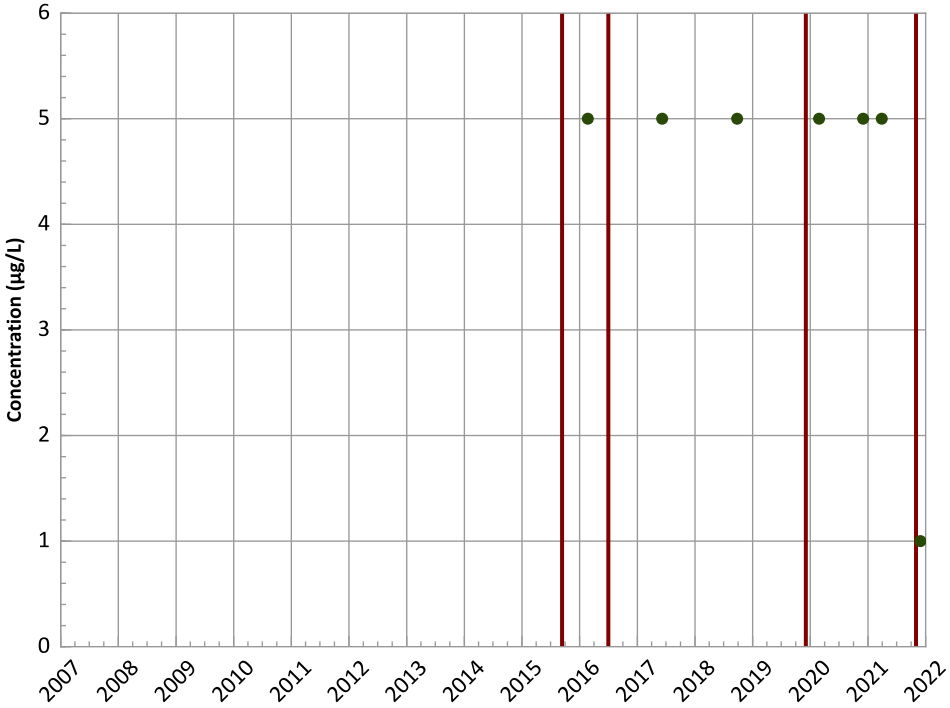


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trend



Concentration Trend

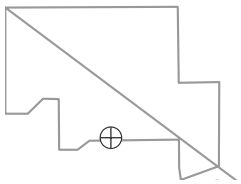
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

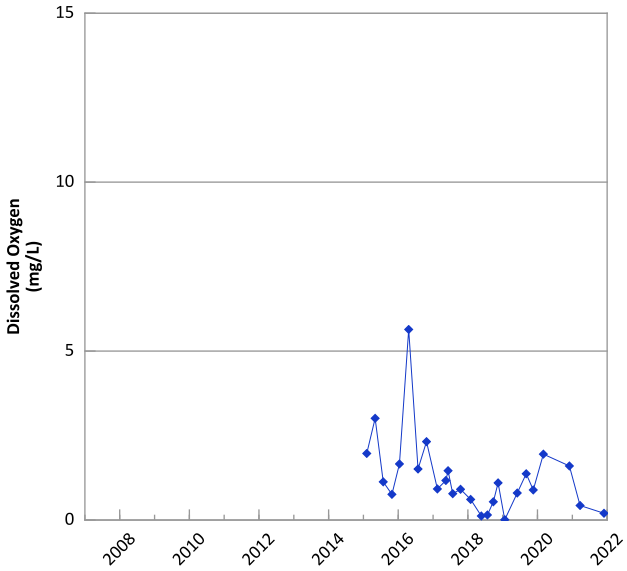
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/22/2016 to 11/29/2021
Analysis Date: 05/26/2022

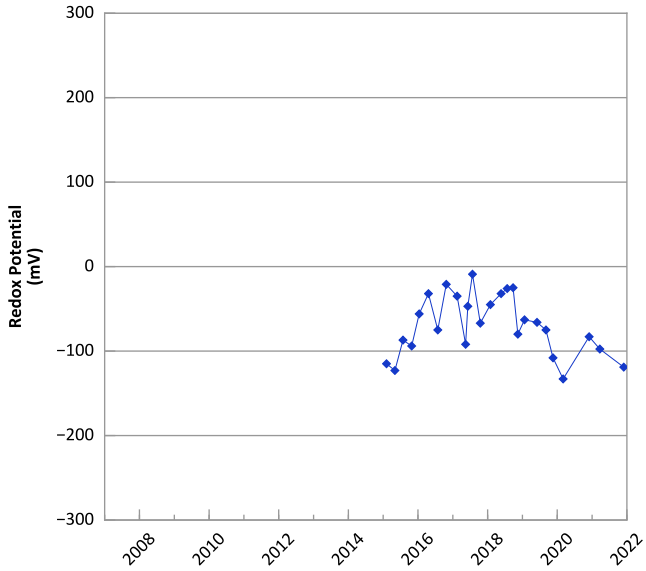
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

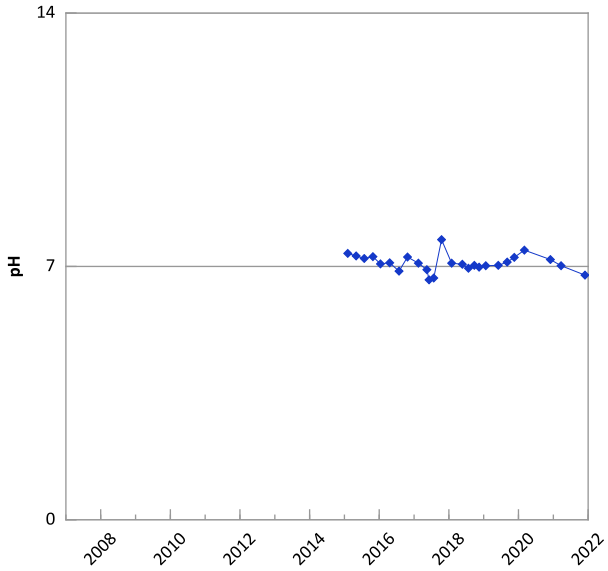
Well Location

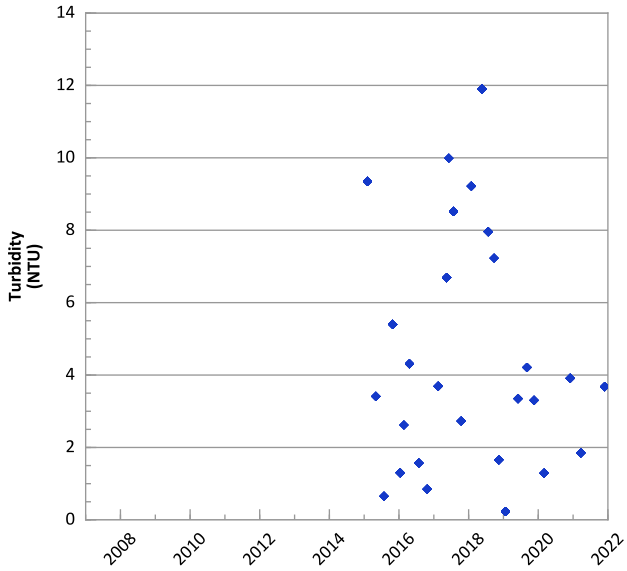


PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



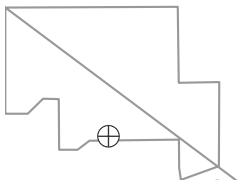






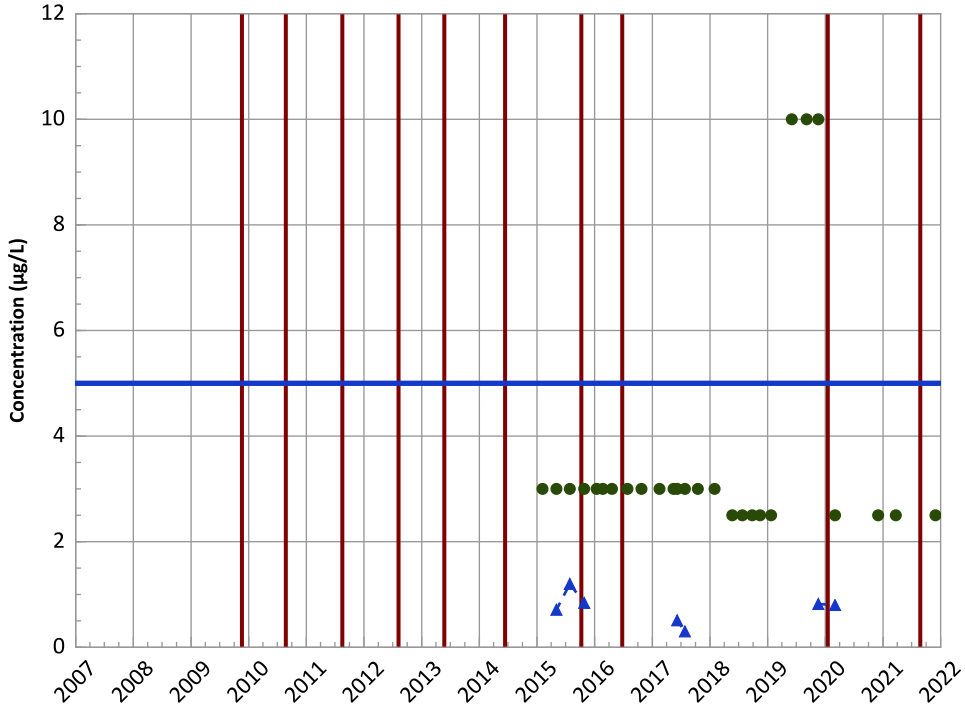
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

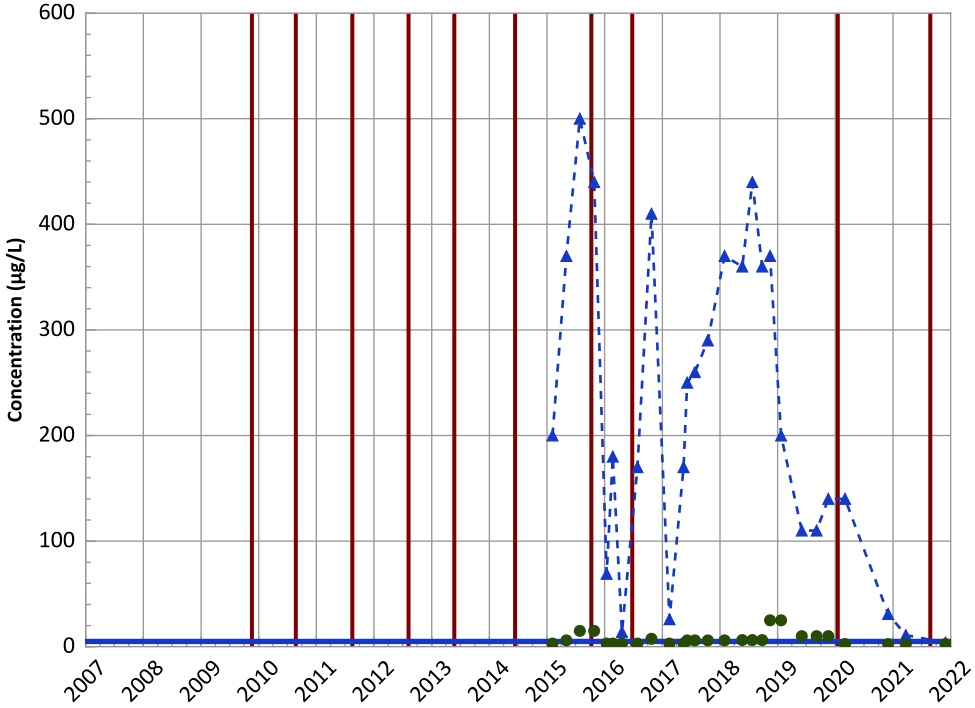


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
No Trend

Trichloroethene Trend



Concentration Trend

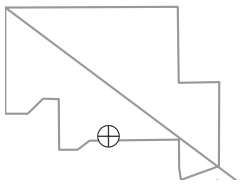
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

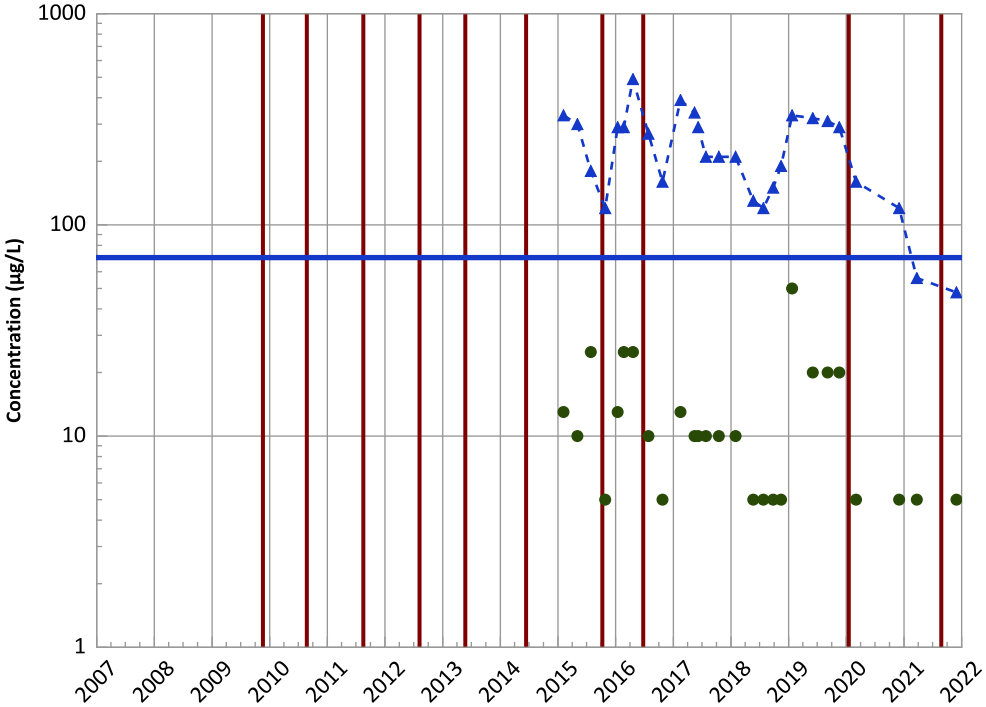
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

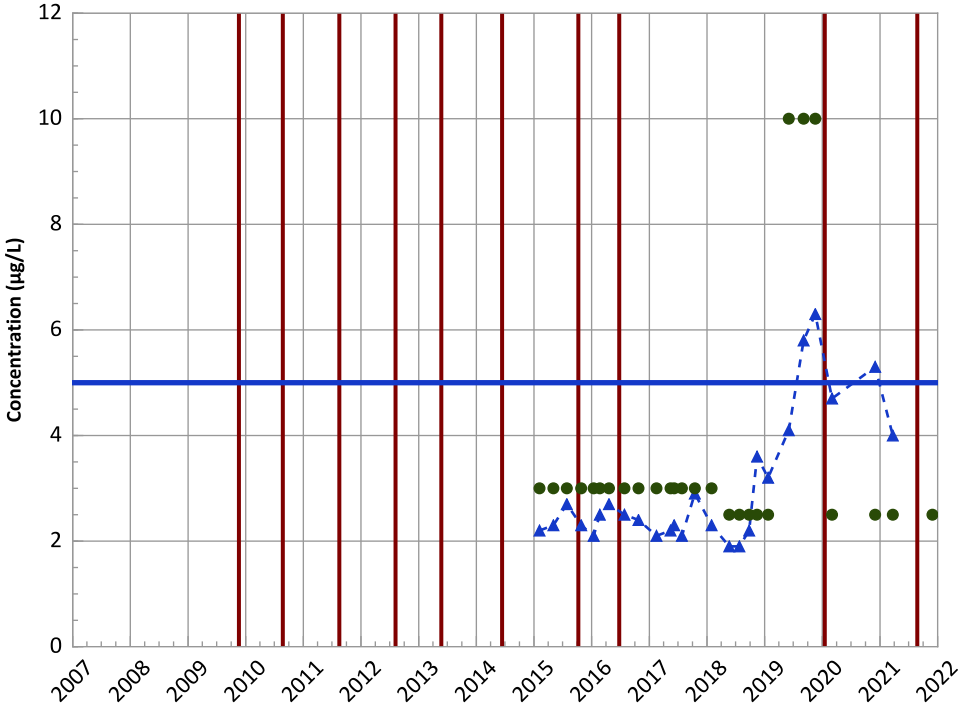


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

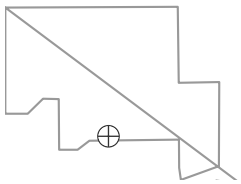
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

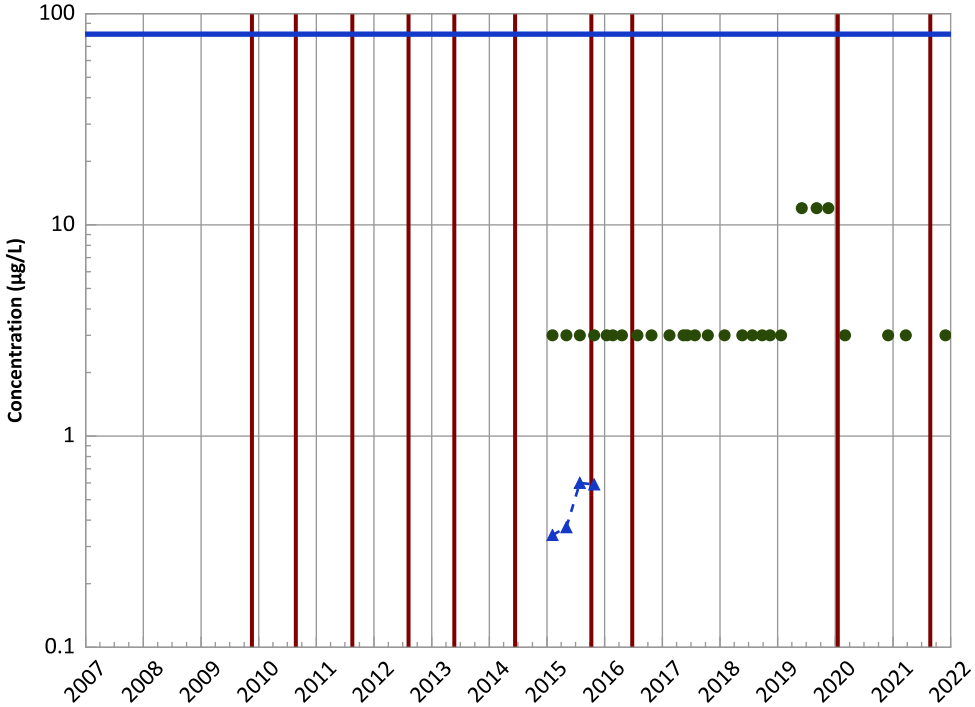
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

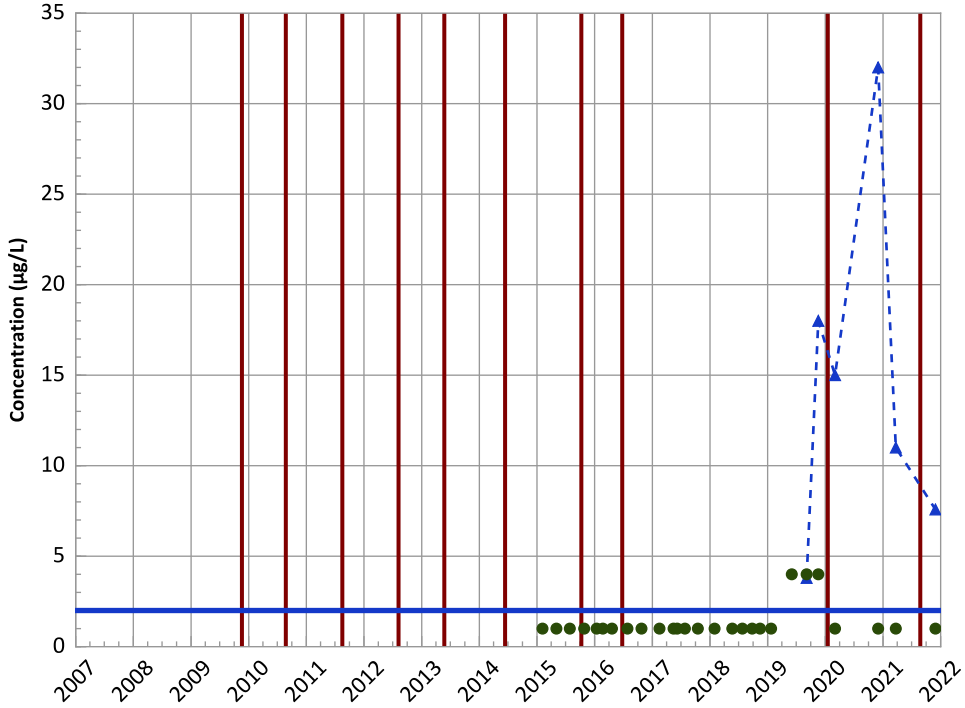


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Vinyl Chloride Trend



Concentration Trend

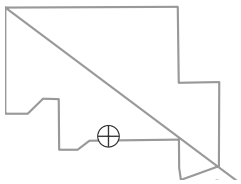
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

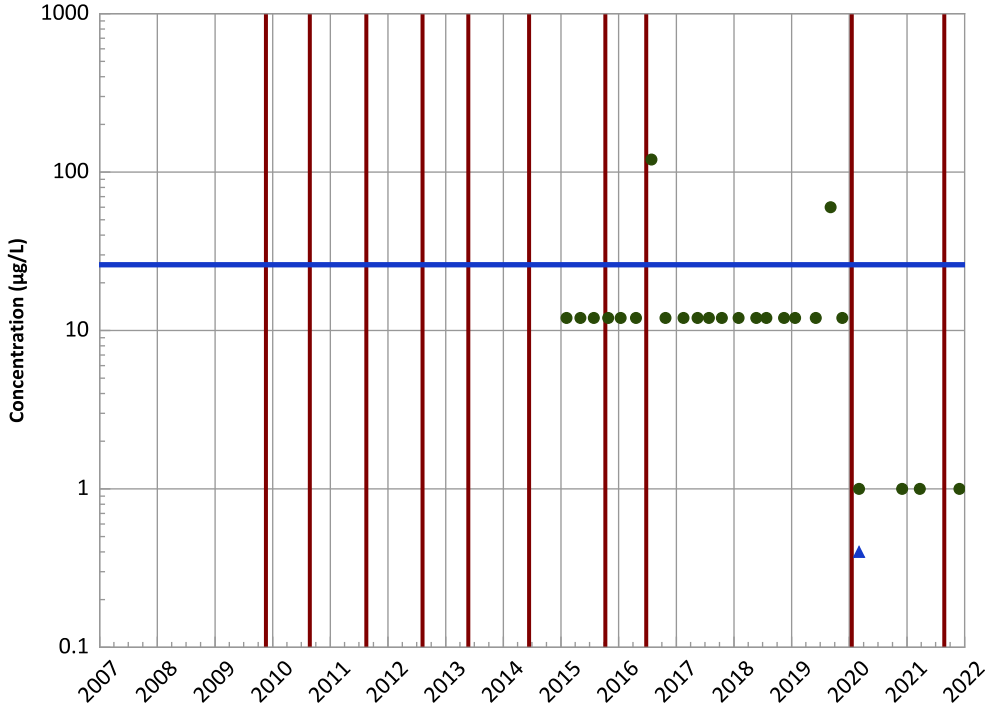
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

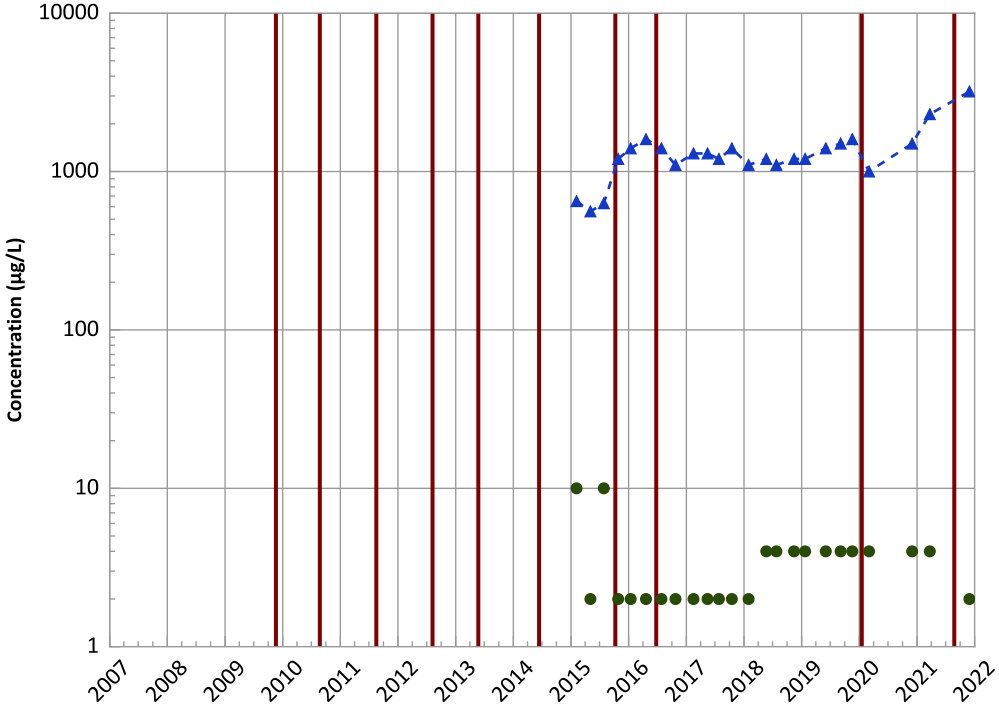


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

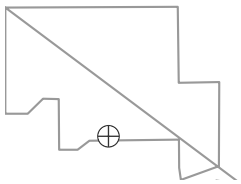
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Increasing' 'Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

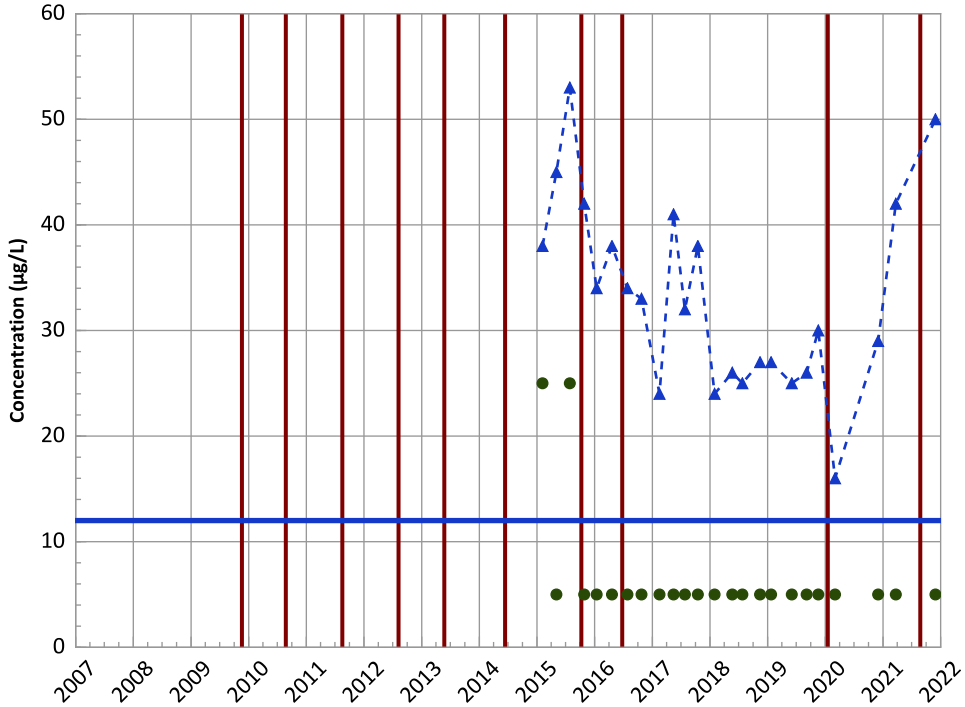
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

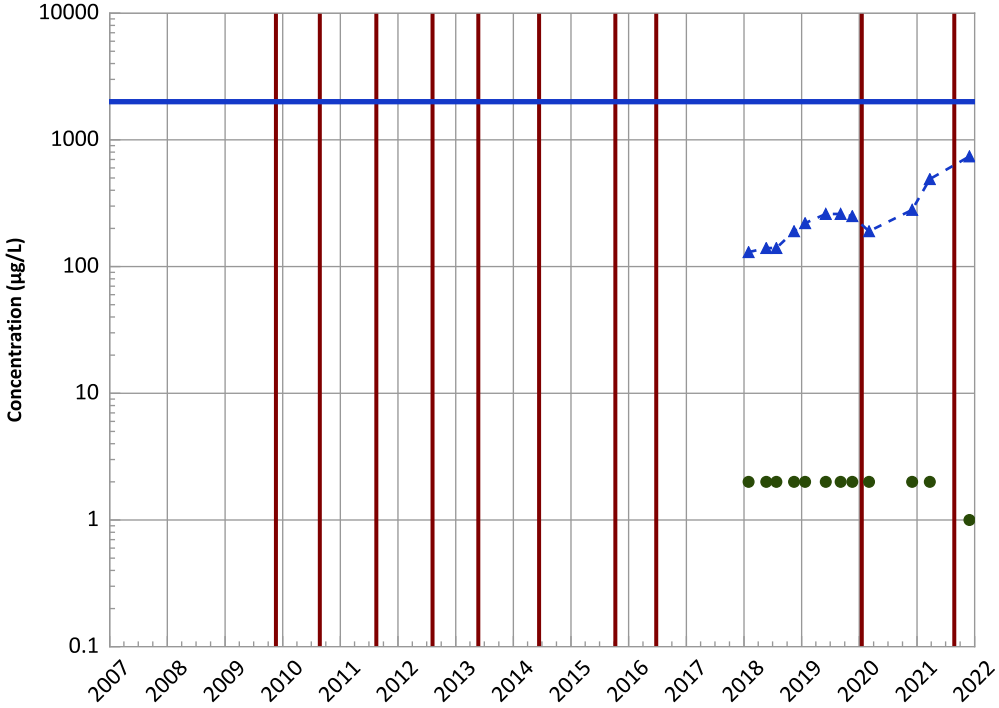


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Increasing

Barium Trend



Concentration Trend

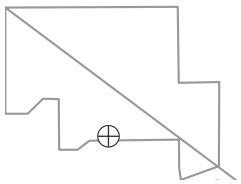
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

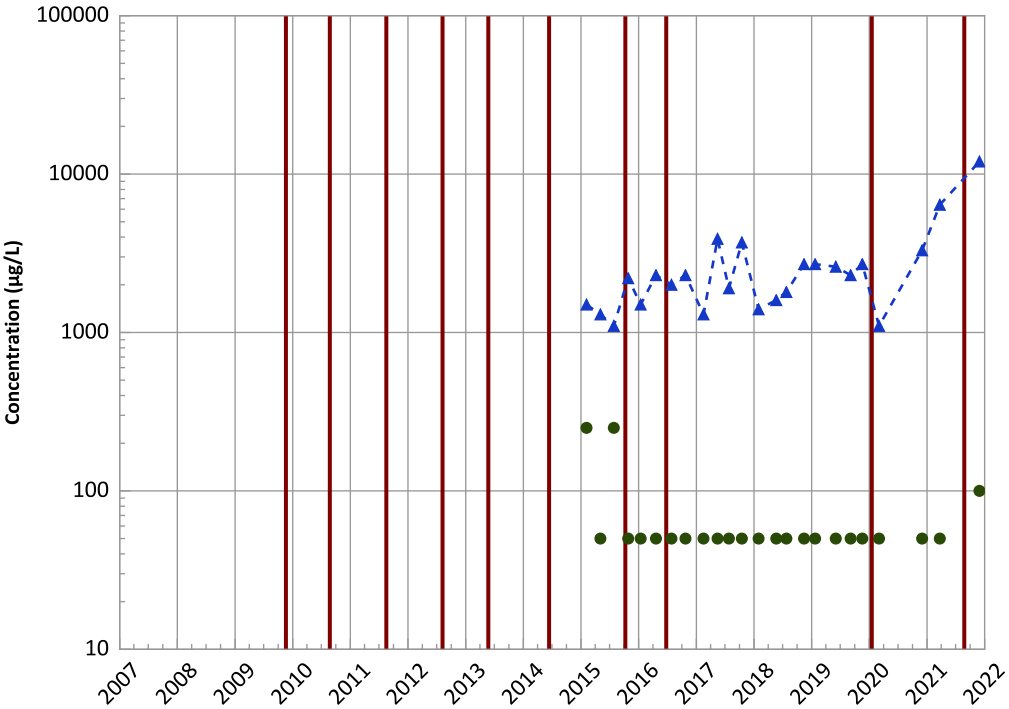
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

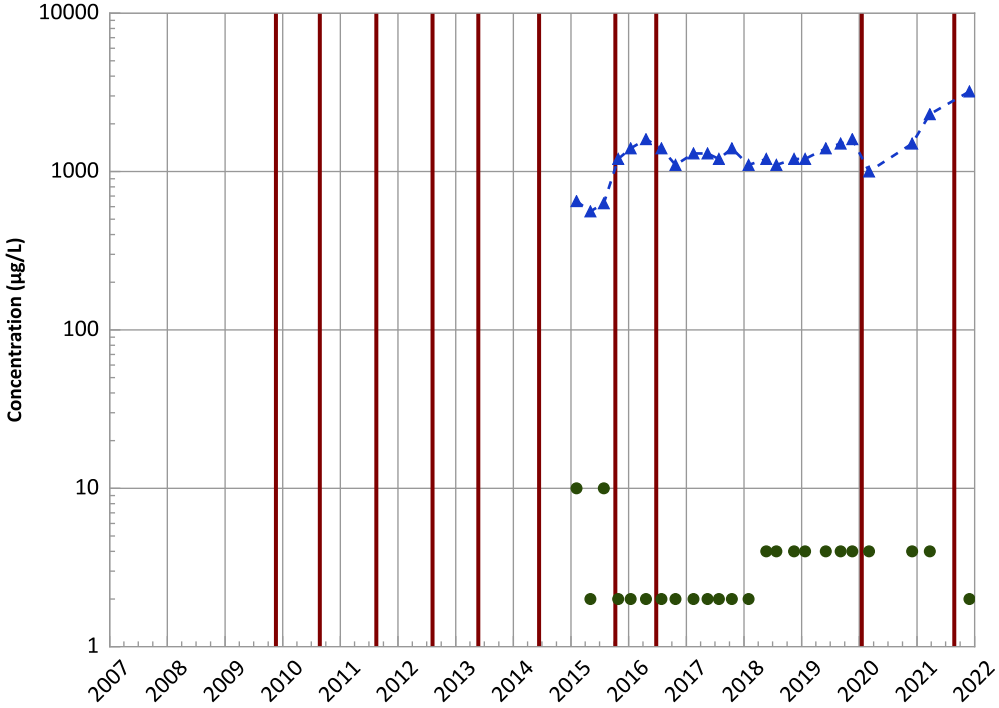


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Manganese Trend



Concentration Trend

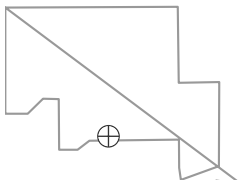
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Increasing' 'Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

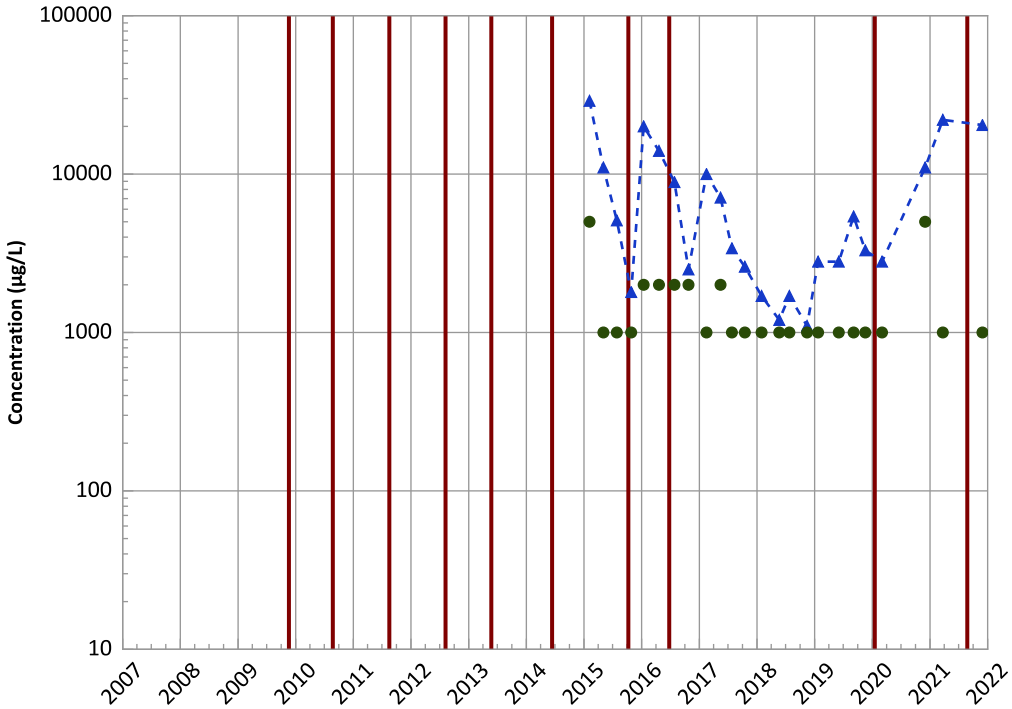
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

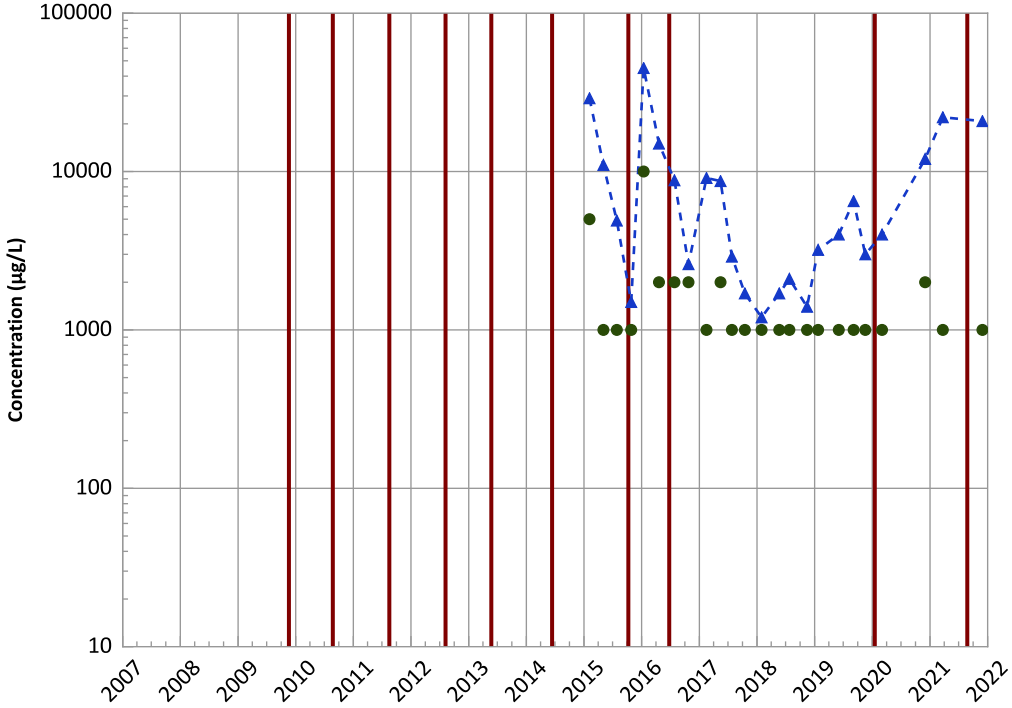


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Probably Increasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

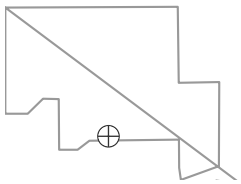
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

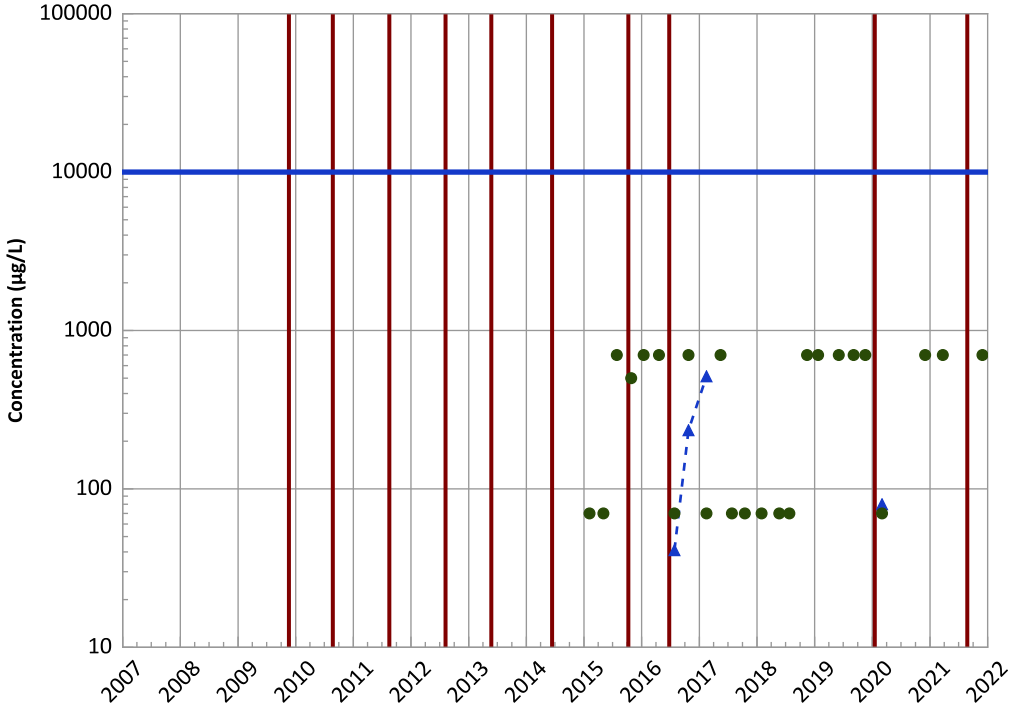
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

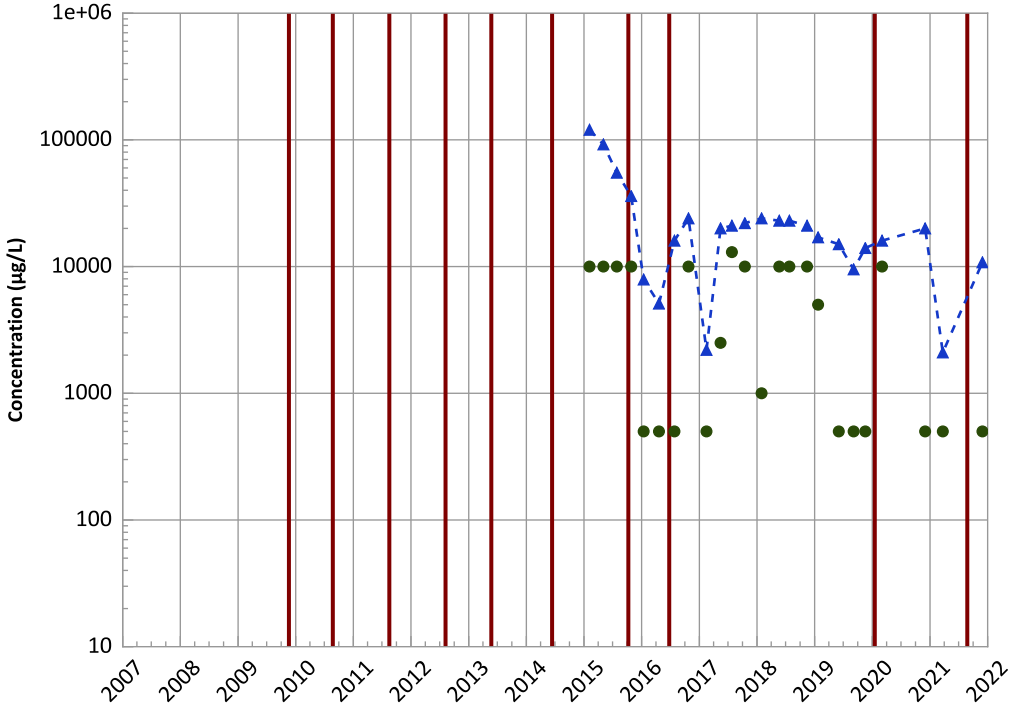


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Probably Decreasing

Sulfate (as SO4) Trend



Concentration Trend

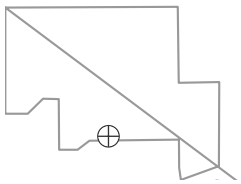
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

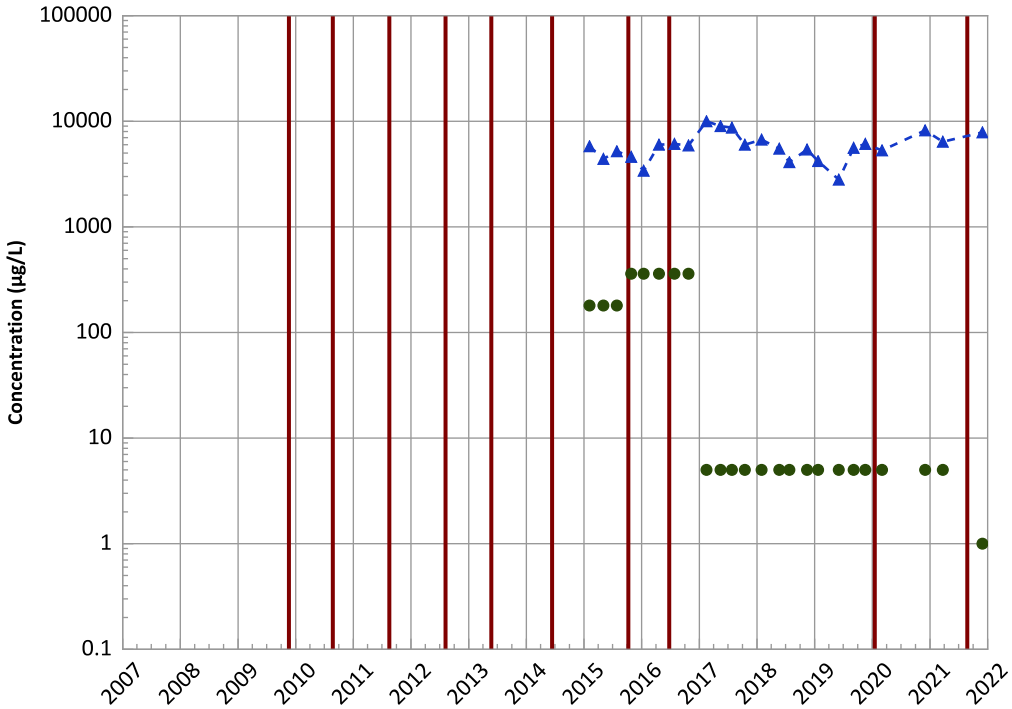
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

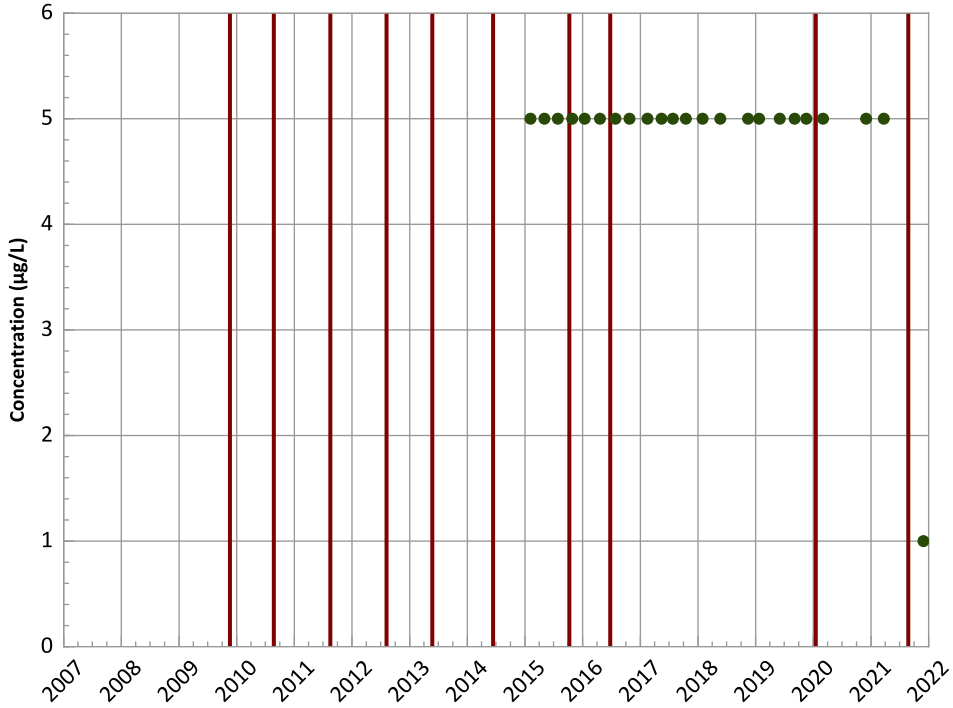


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Ethane Trend



Concentration Trend

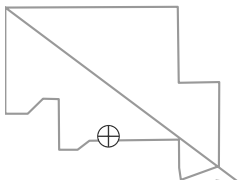
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

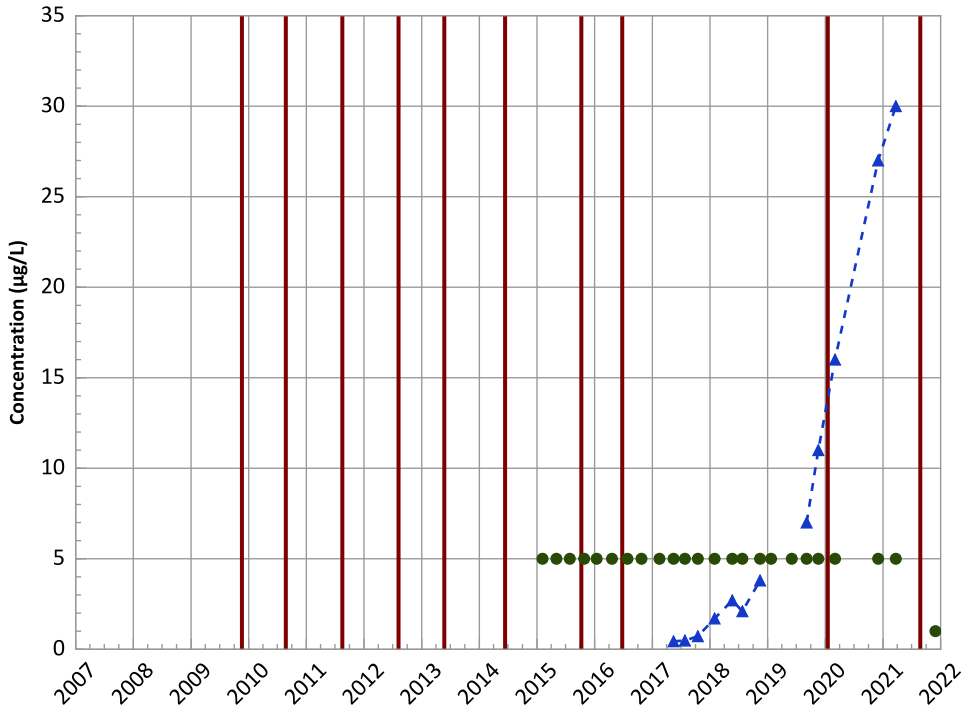
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1170 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

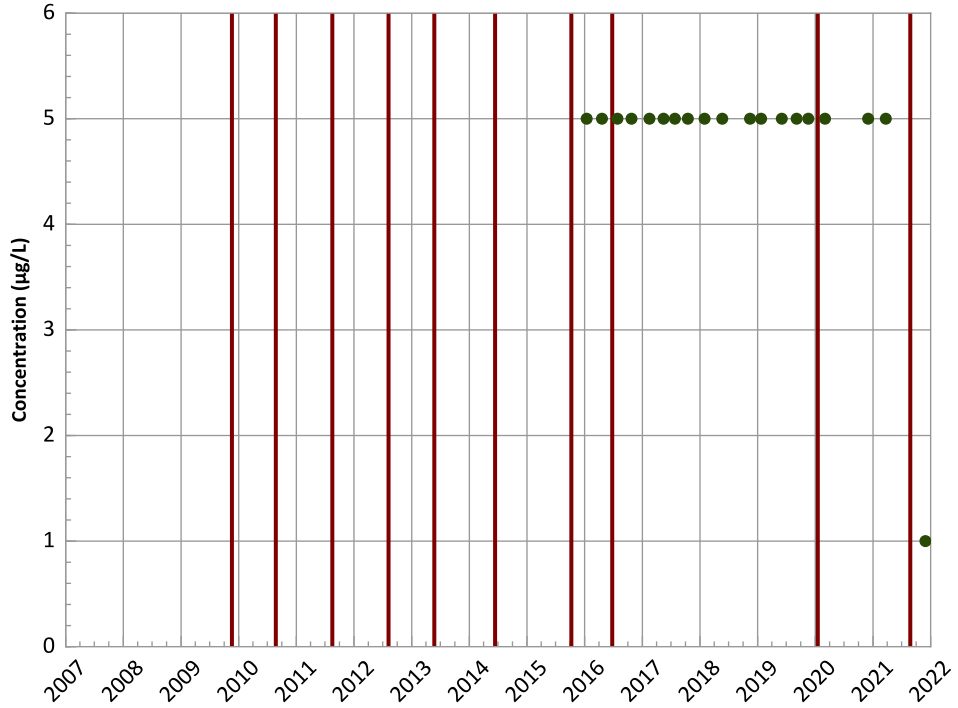


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Trend



Concentration Trend

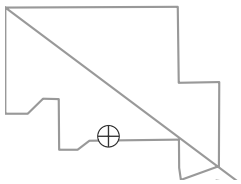
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

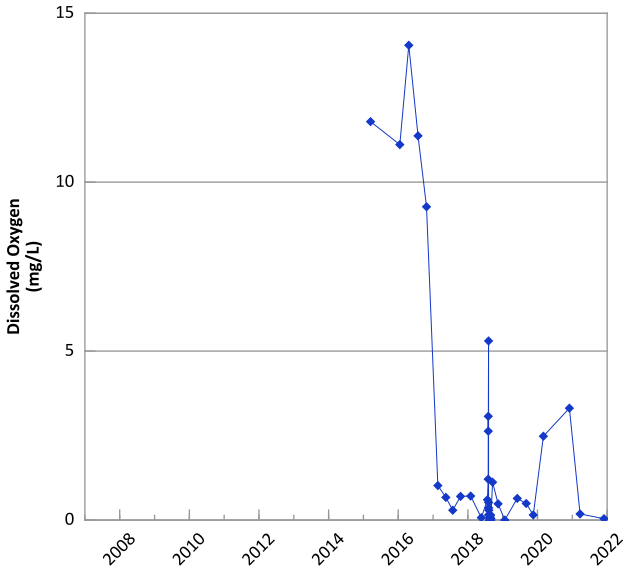
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2015 to 11/29/2021
Analysis Date: 05/26/2022

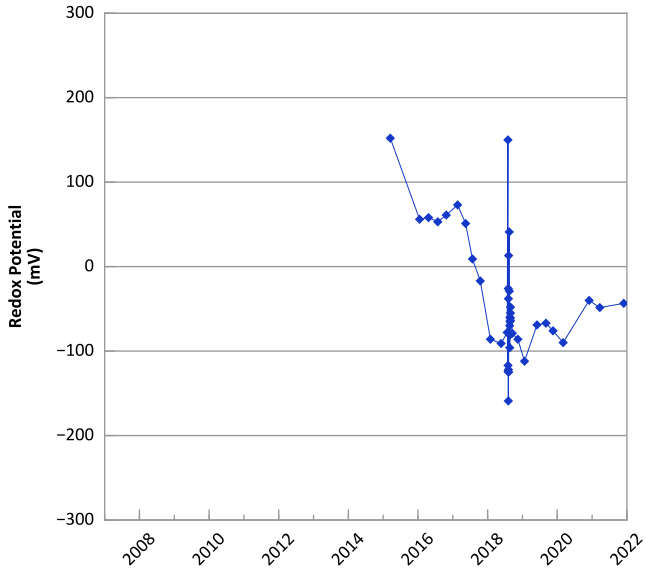
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

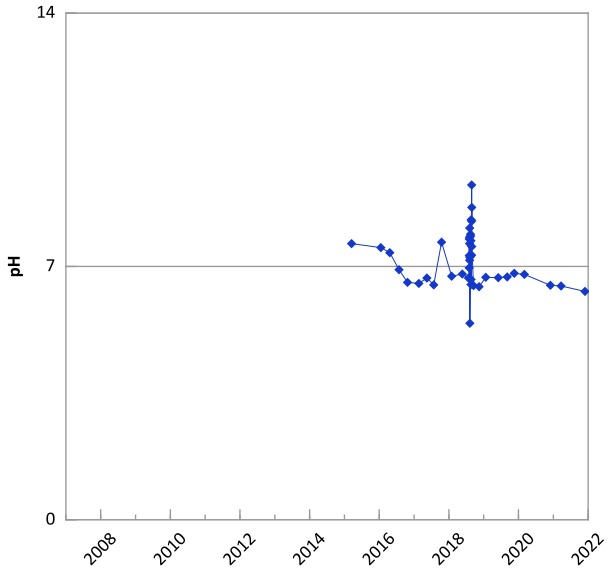
Well Location

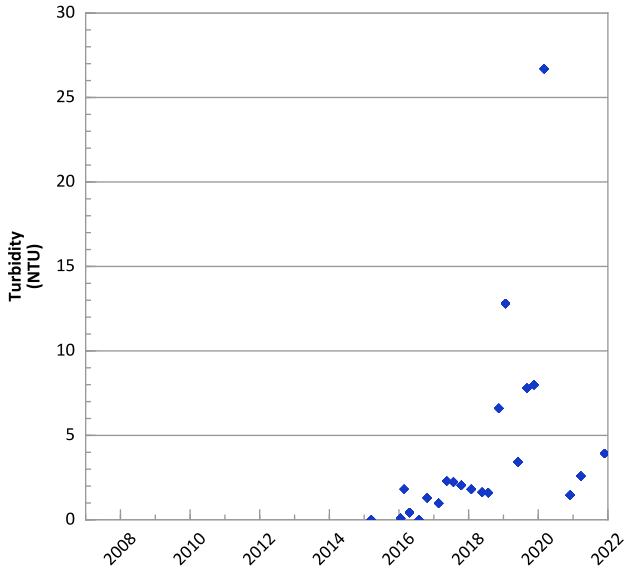


PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



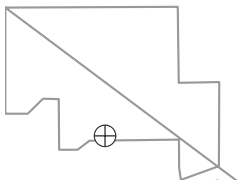






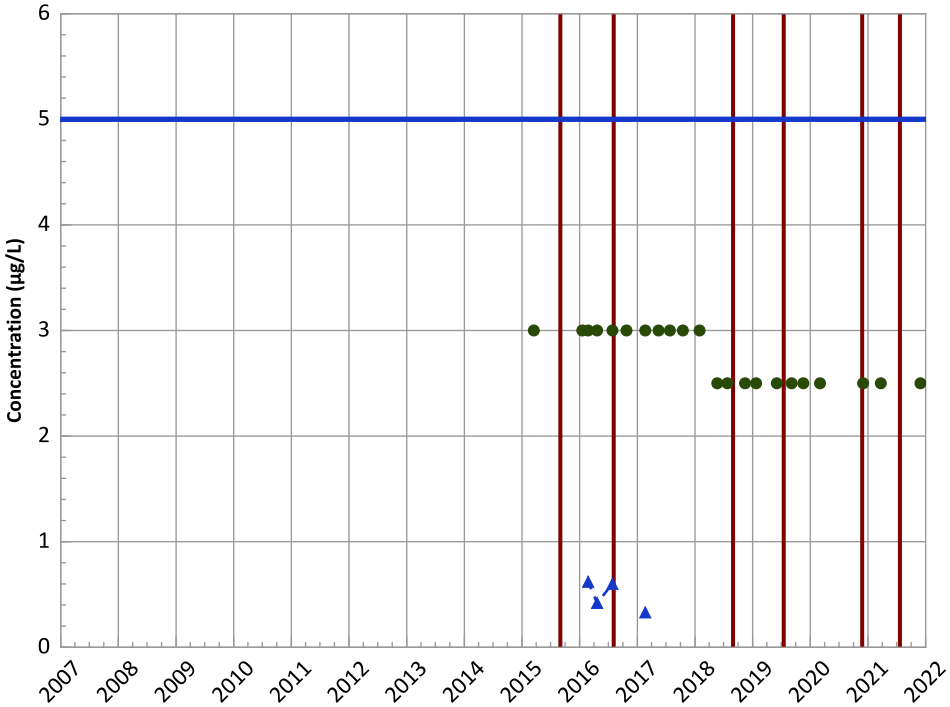
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

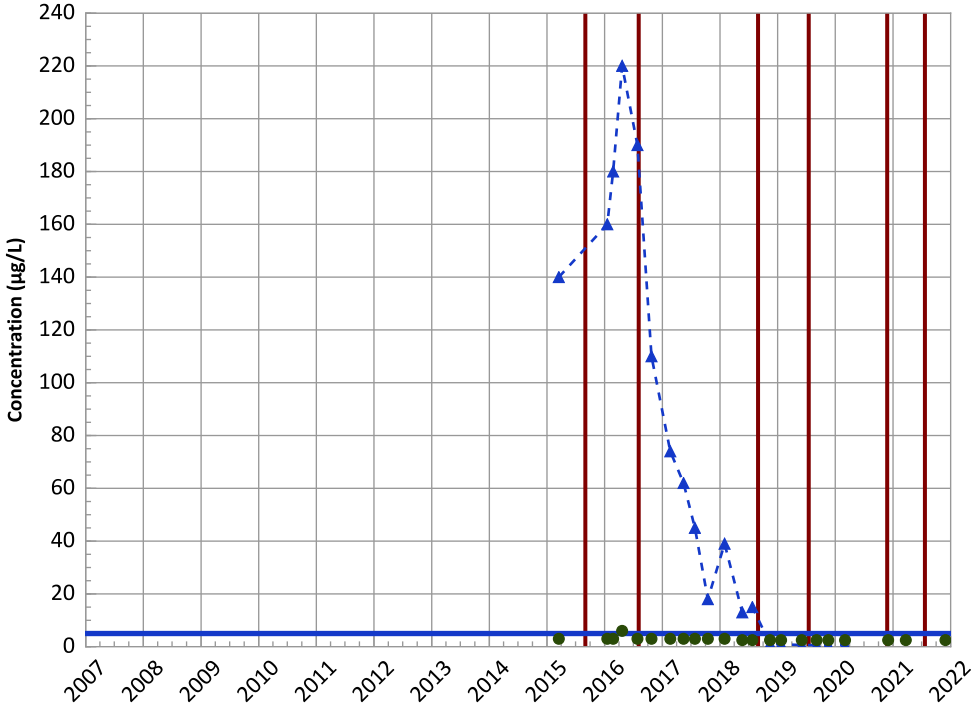


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Trichloroethene Trend



Concentration Trend

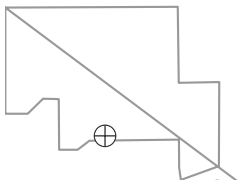
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

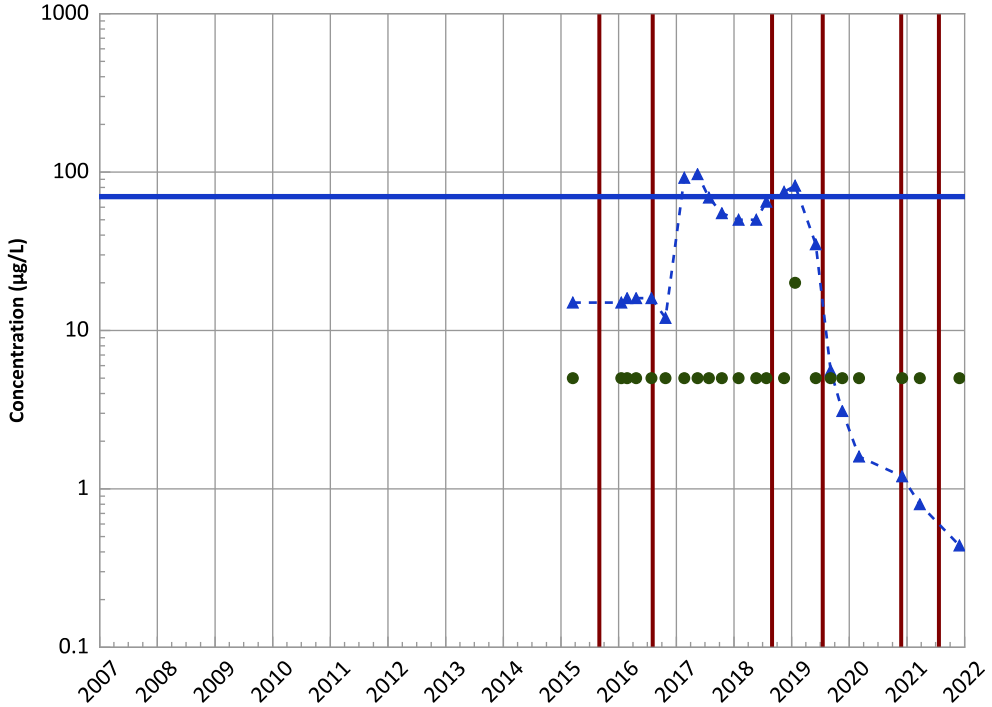
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

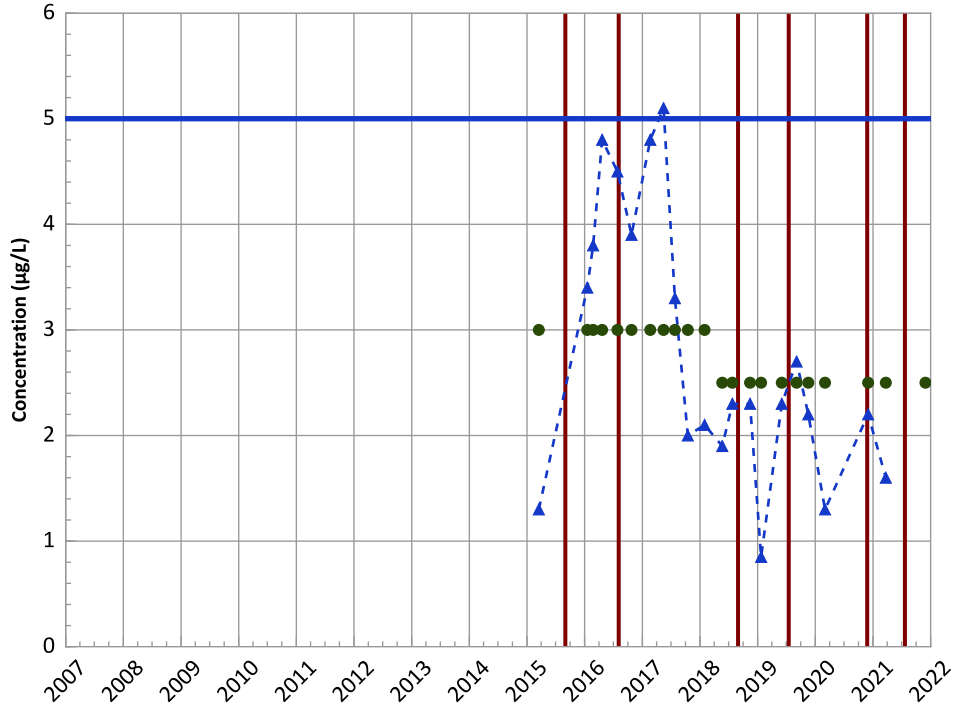


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Probably Decreasing

1,2-Dichloroethane Trend



Concentration Trend

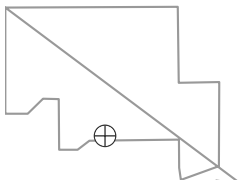
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

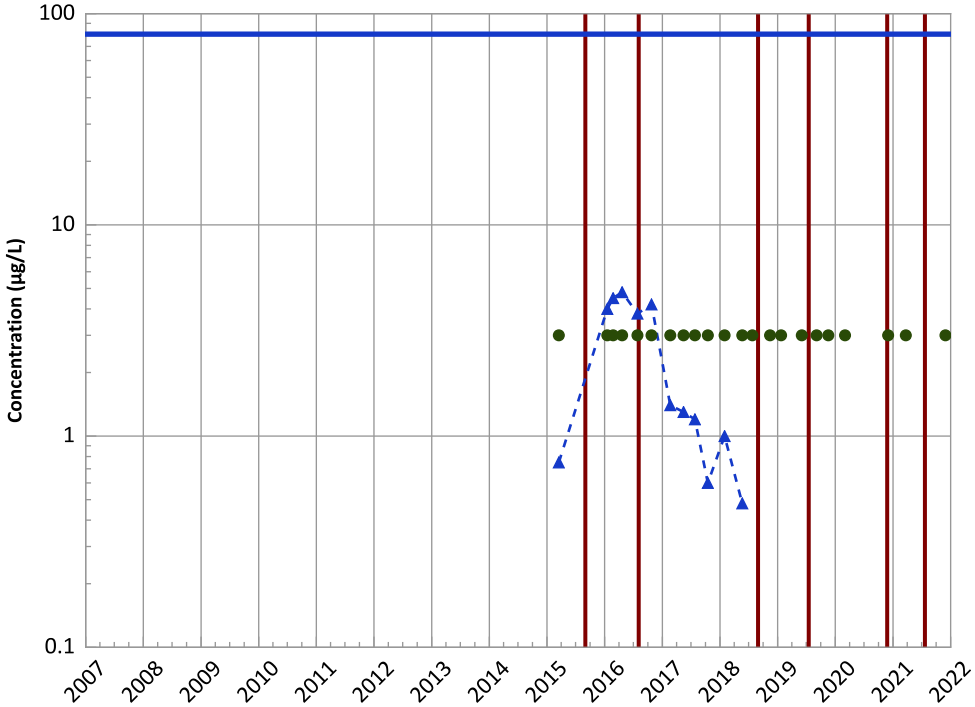
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

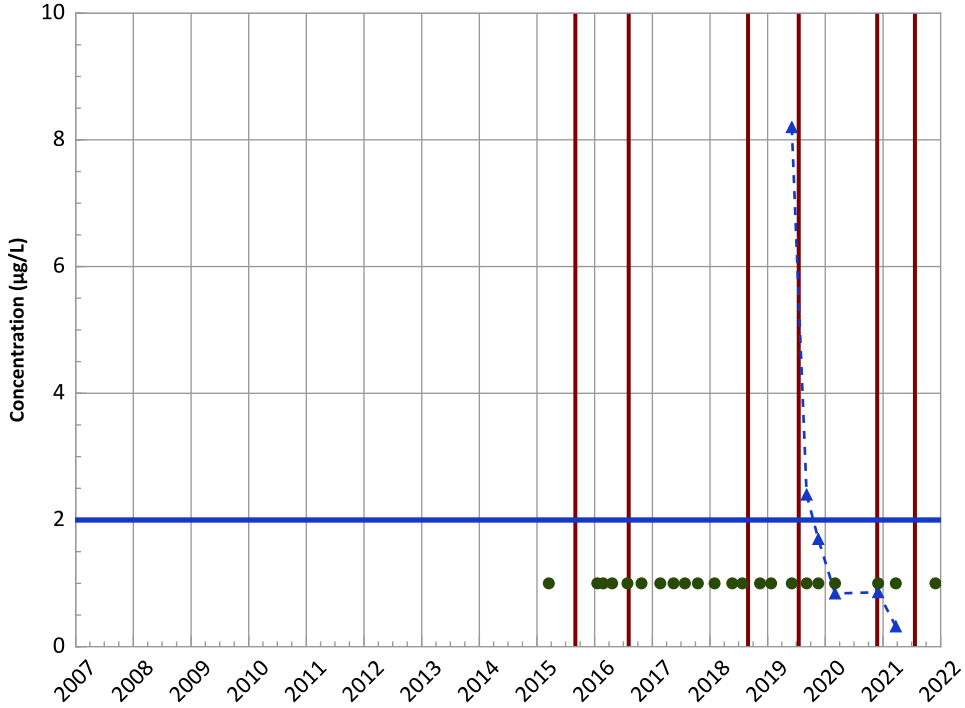


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Vinyl Chloride Trend



Concentration Trend

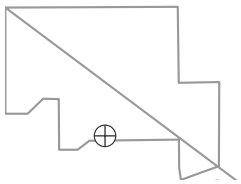
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

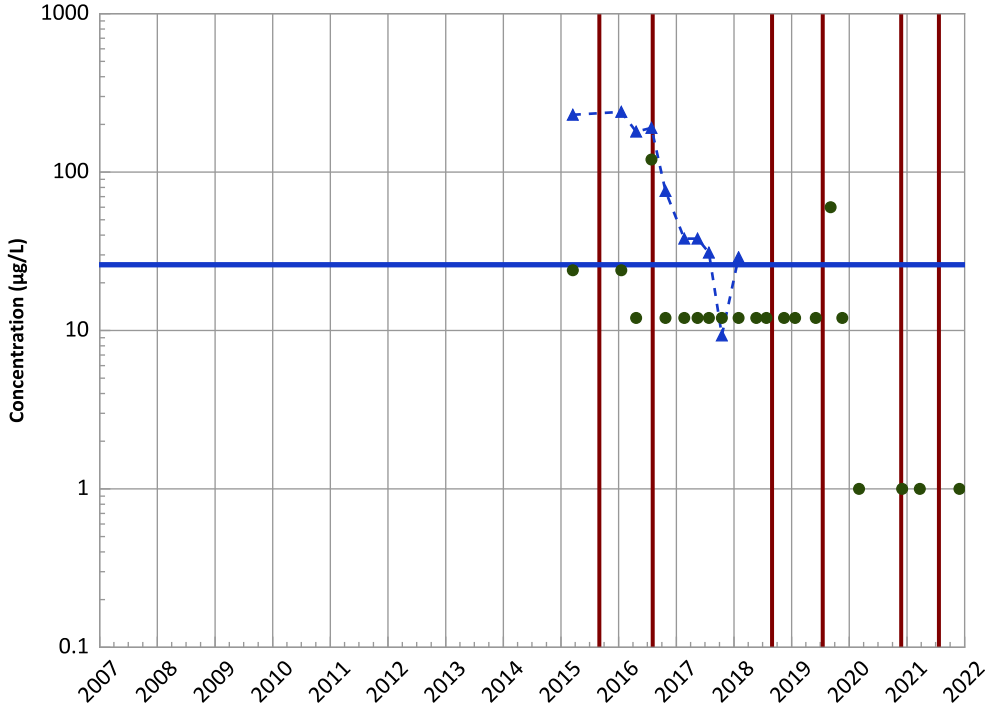
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

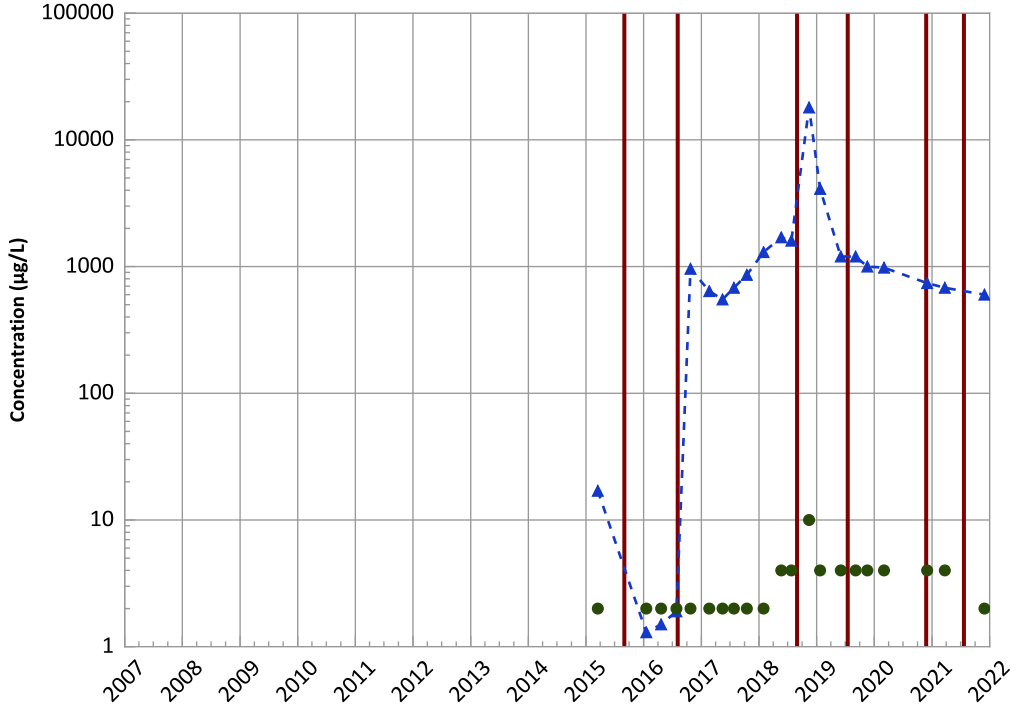


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

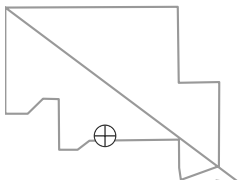
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

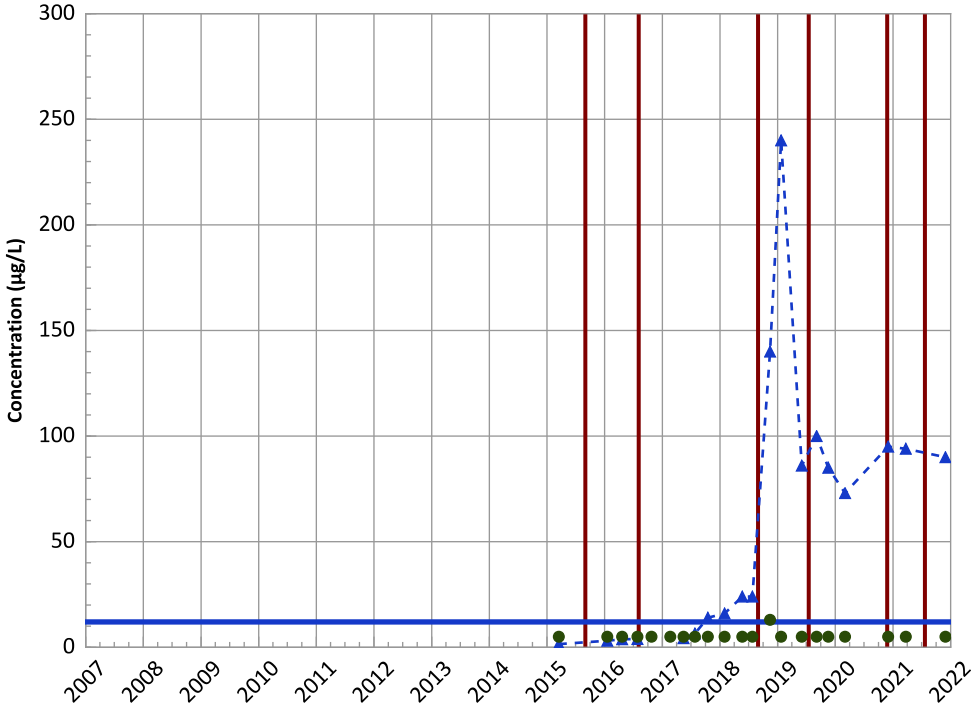
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

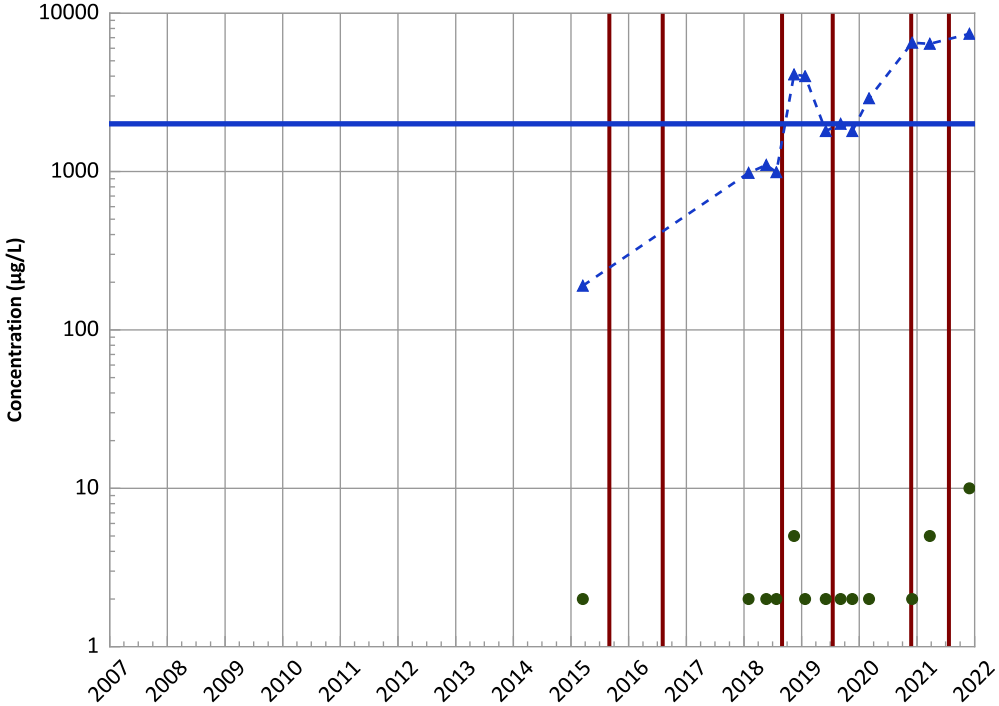


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Barium Trend



Concentration Trend

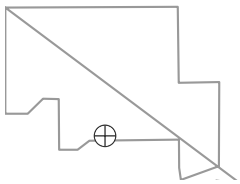
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

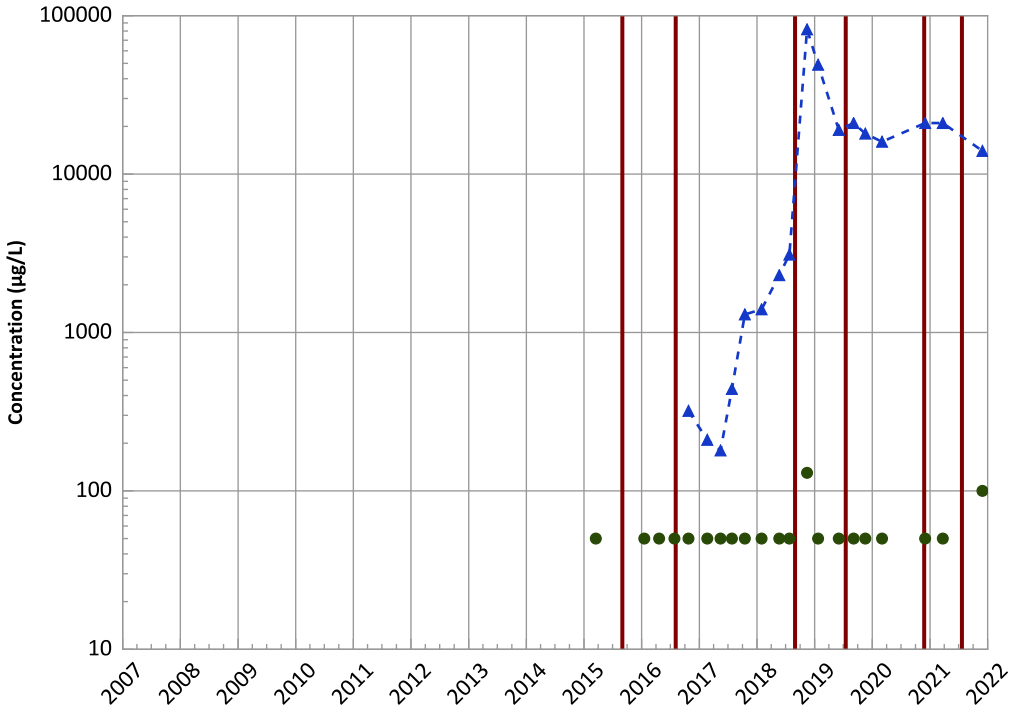
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

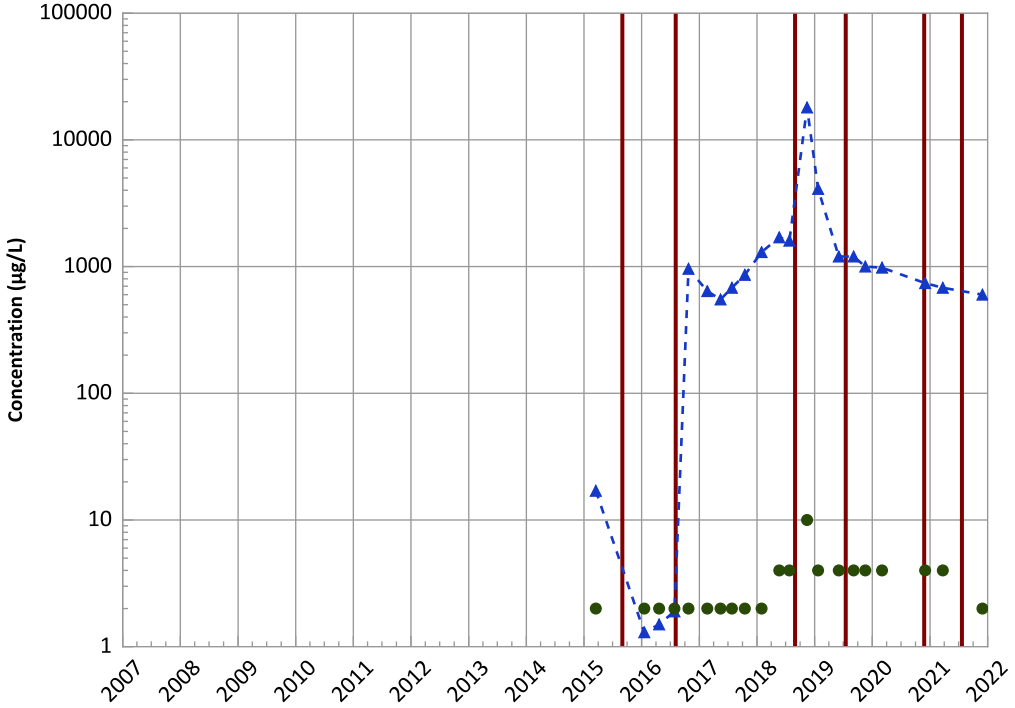


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

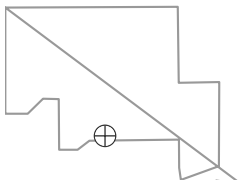
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

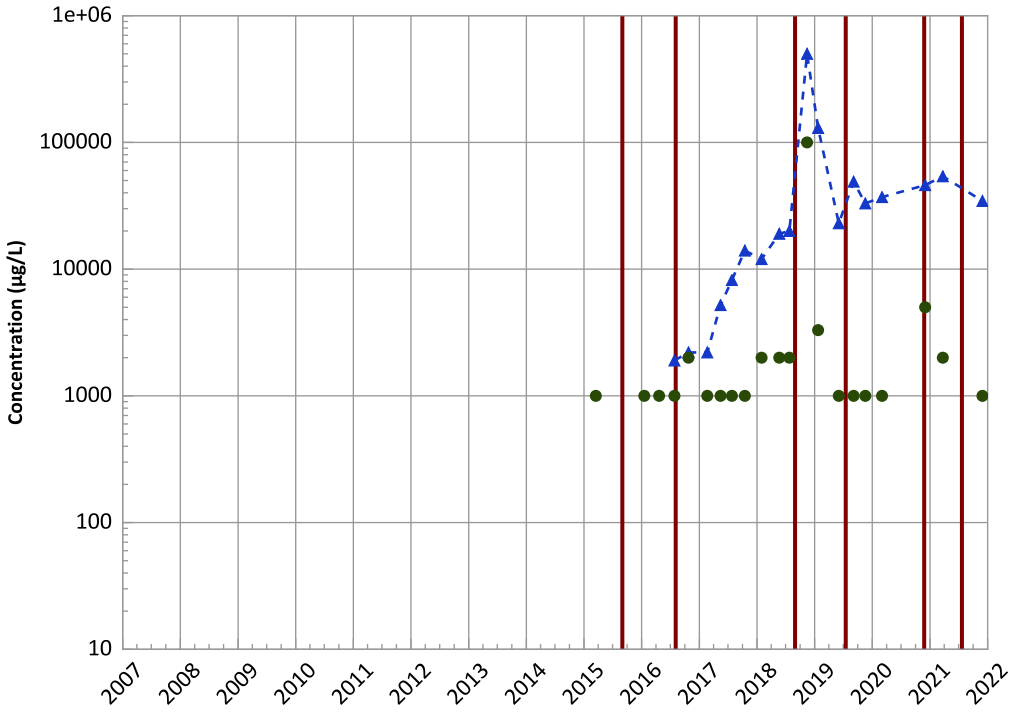
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

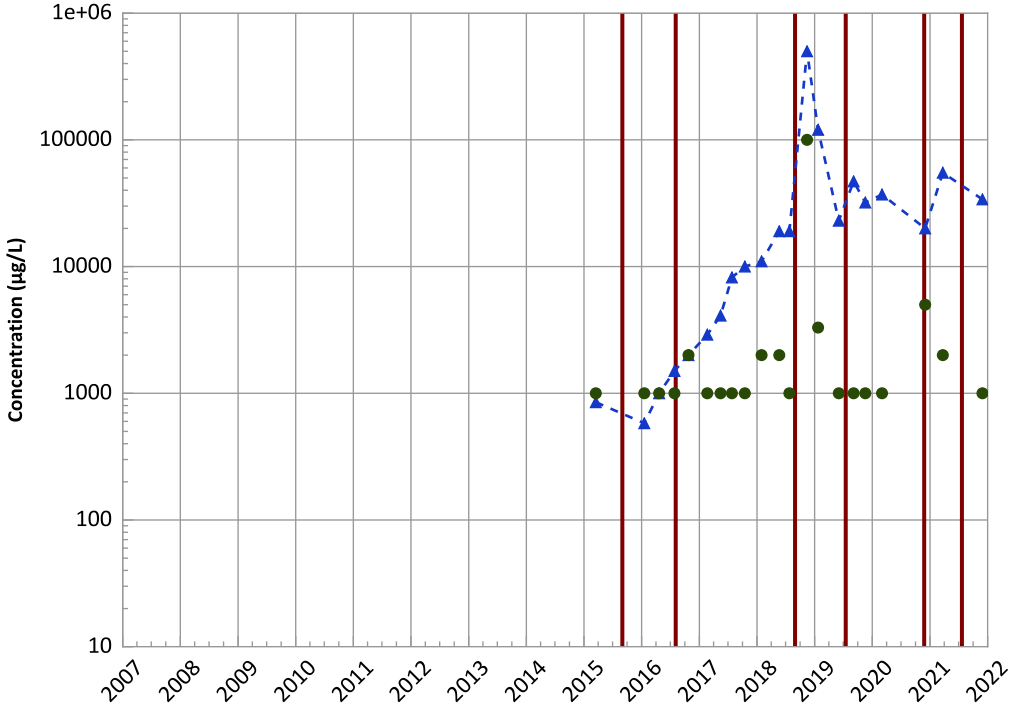


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

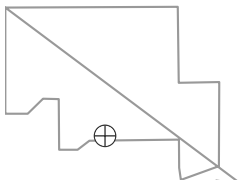
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

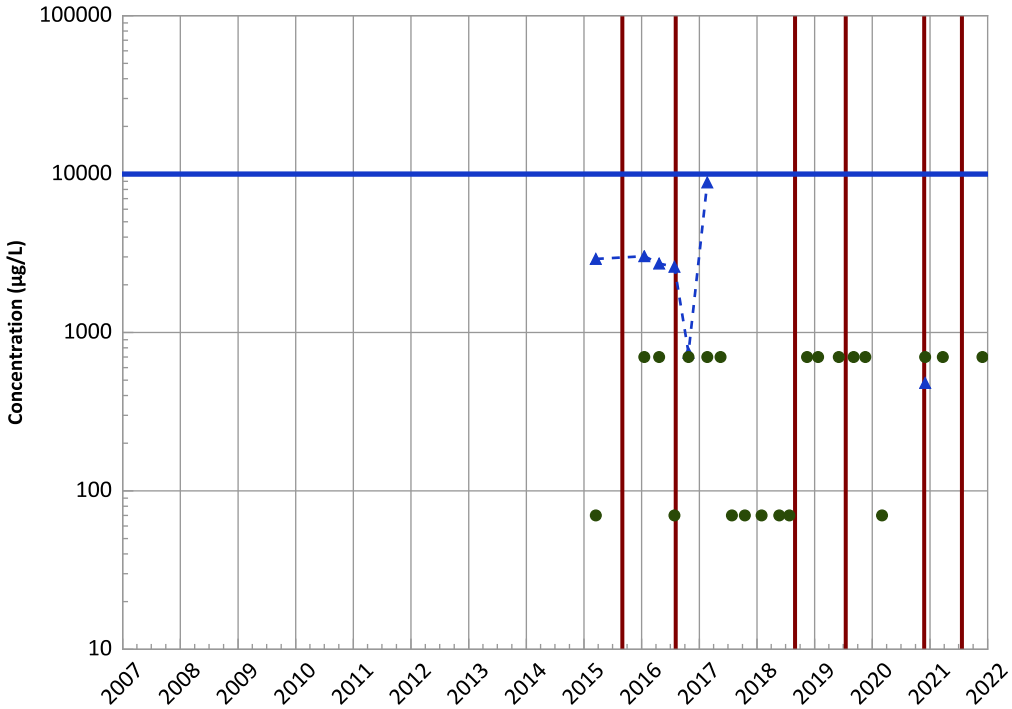
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

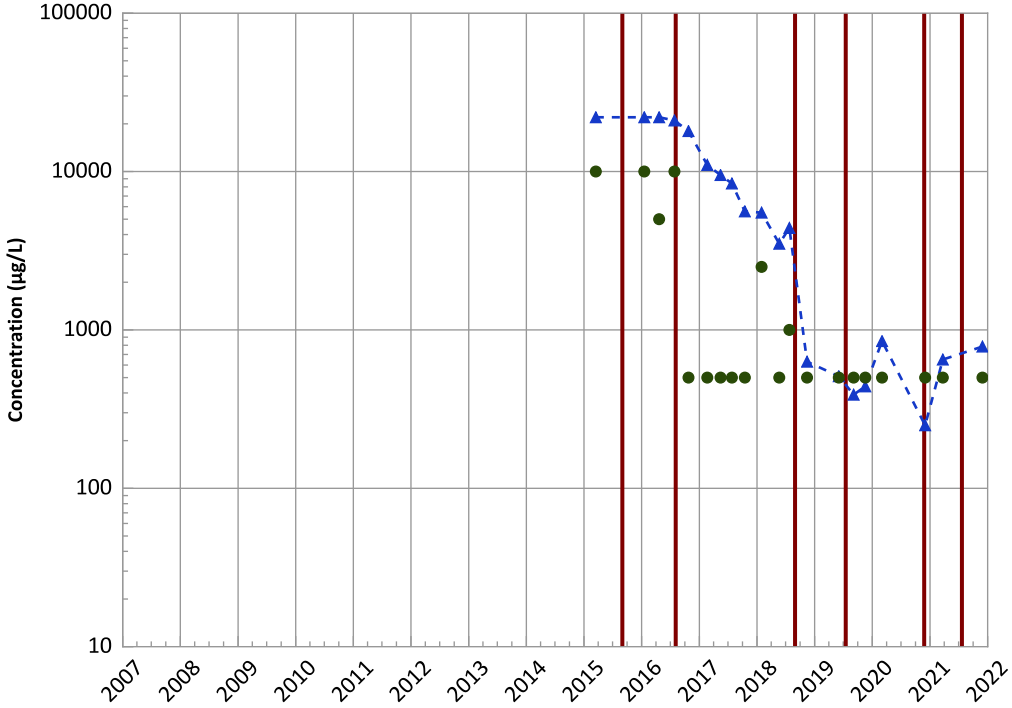


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Sulfate (as SO4) Trend



Concentration Trend

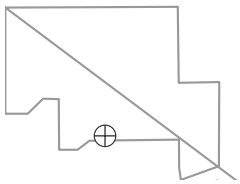
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

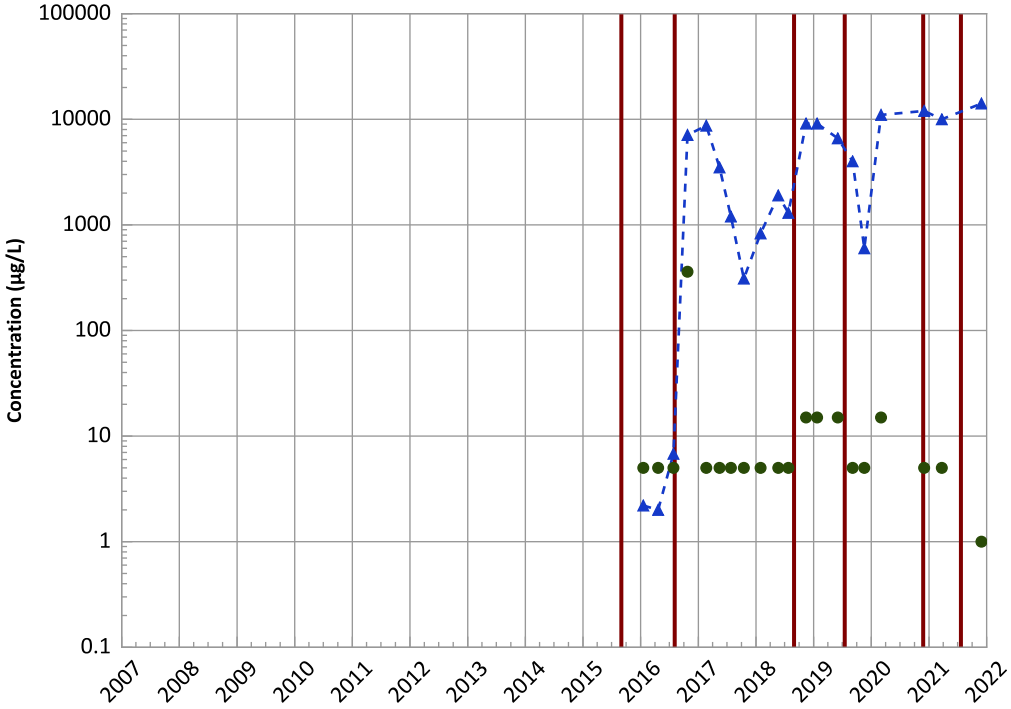
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

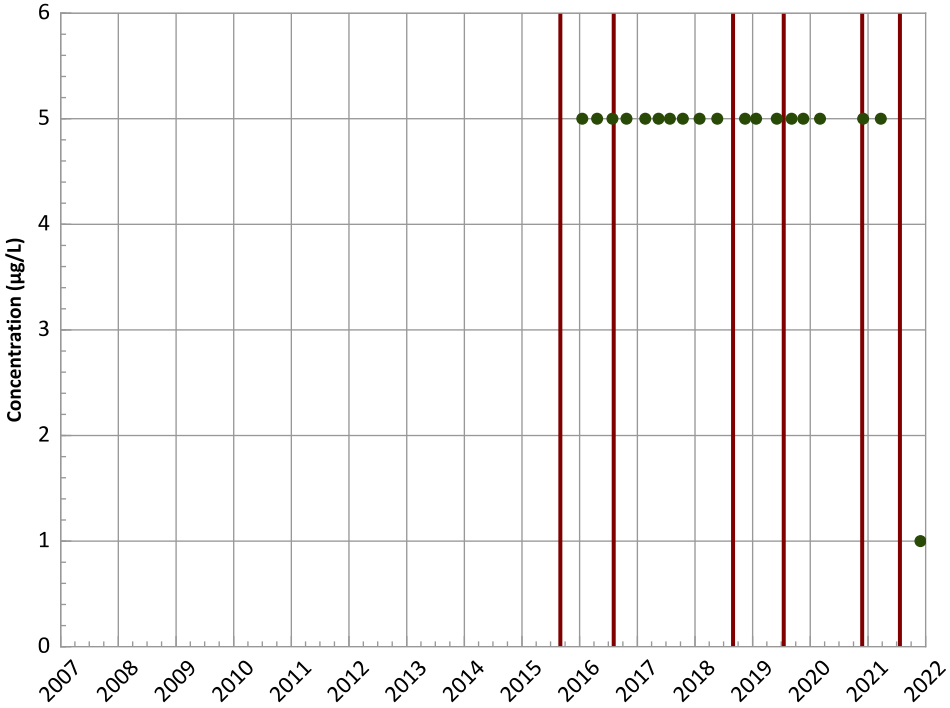


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Ethane Trend



Concentration Trend

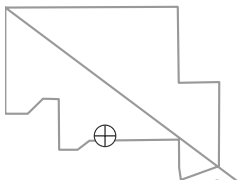
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

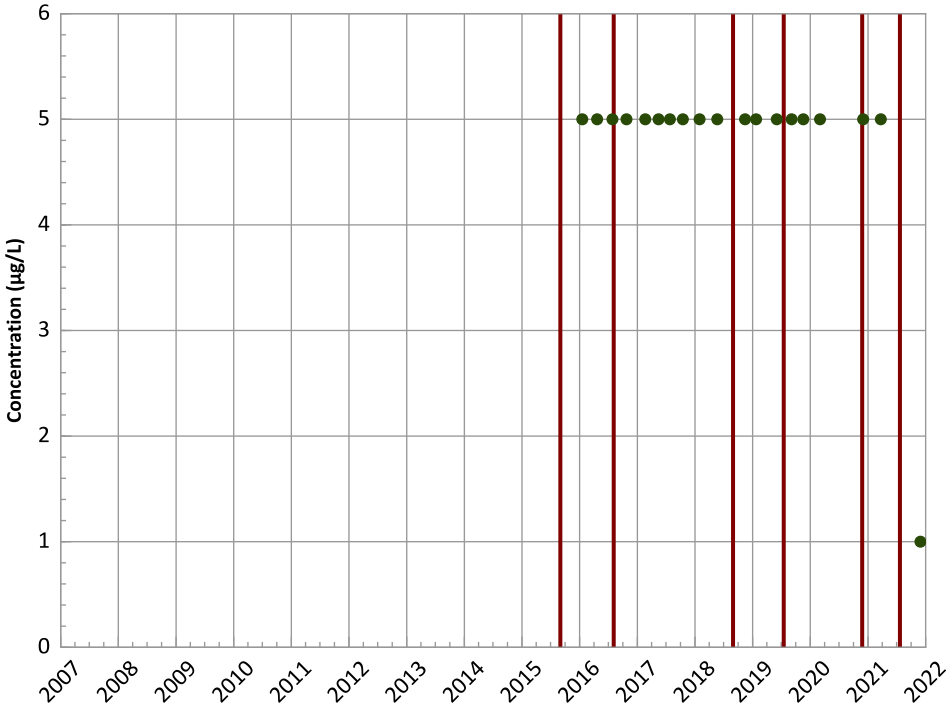
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1176 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

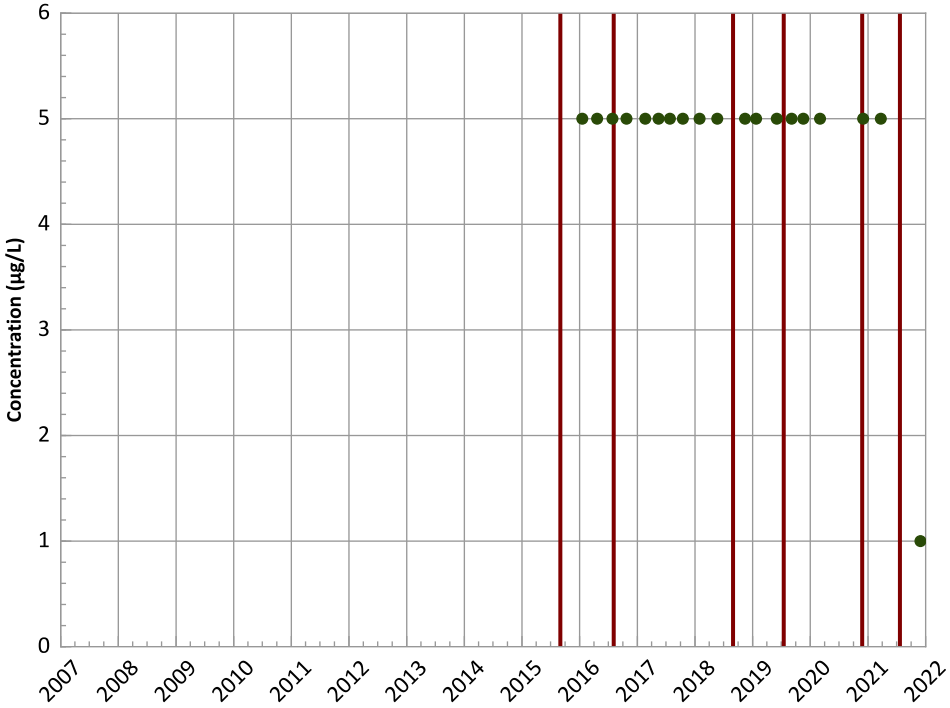


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trend



Concentration Trend

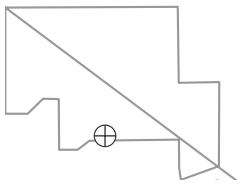
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

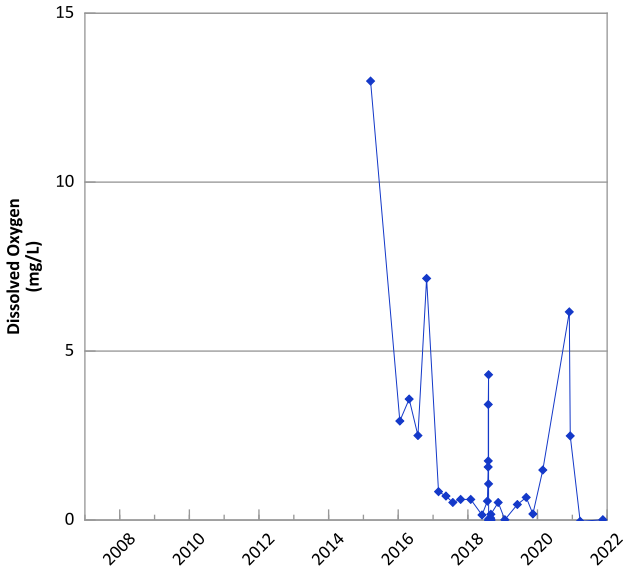
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/29/2021
Analysis Date: 05/26/2022

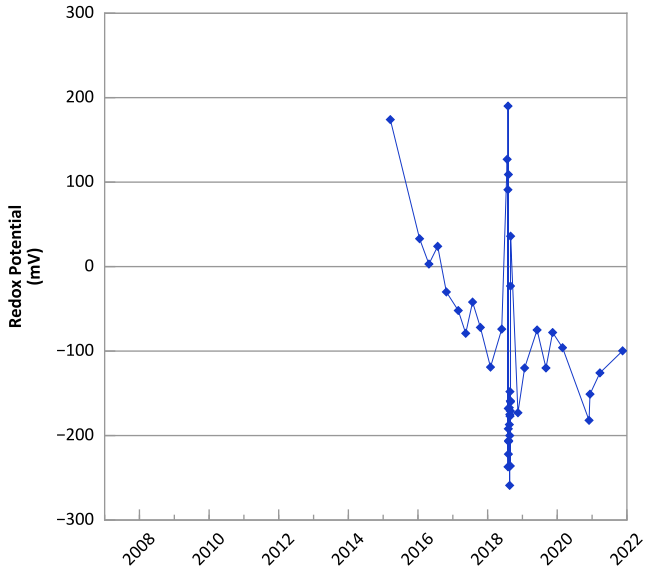
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

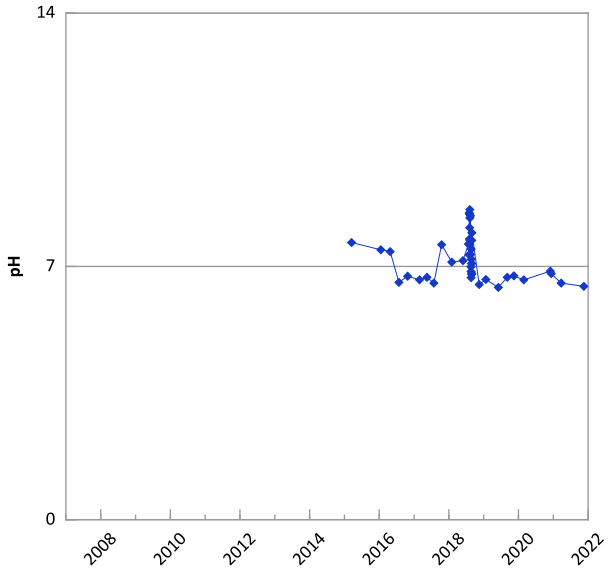
Well Location

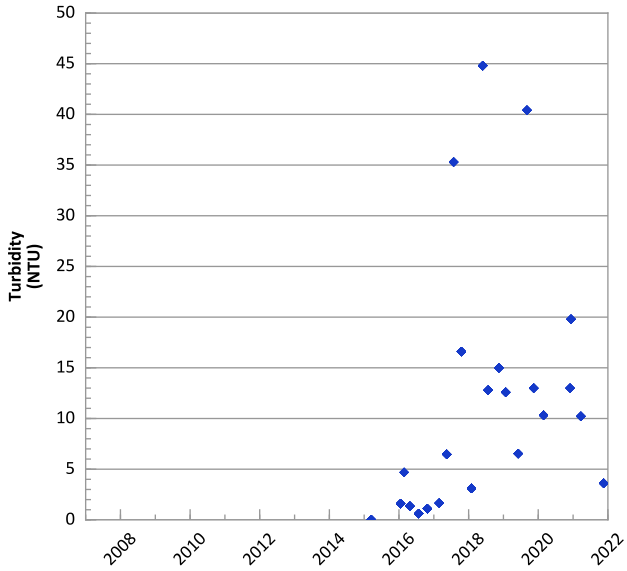


PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



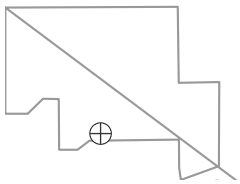






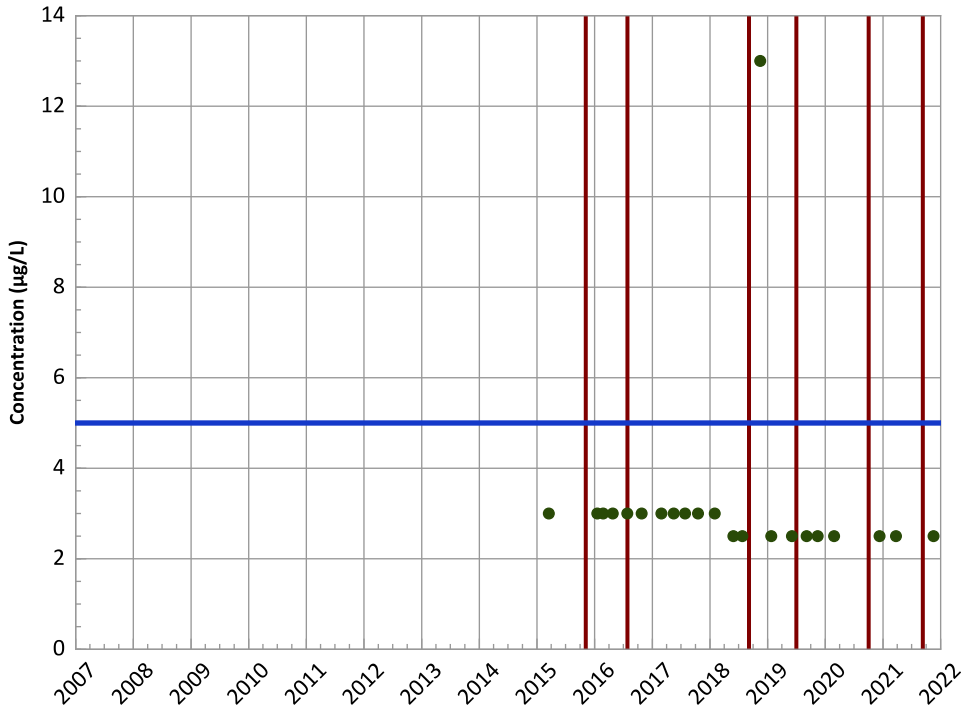
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

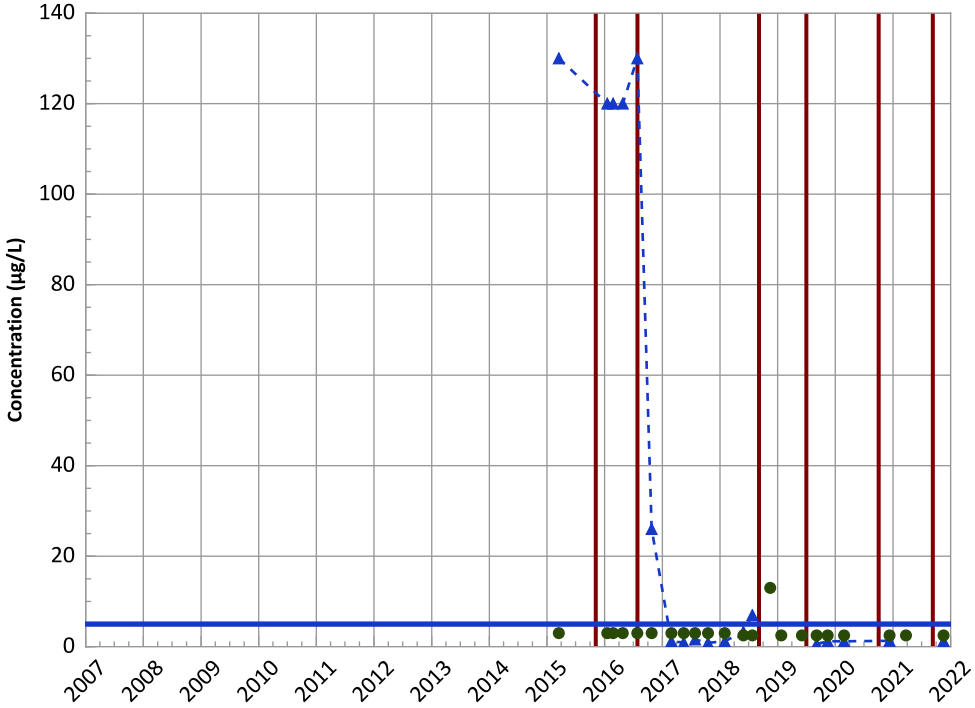


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

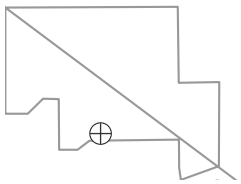
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

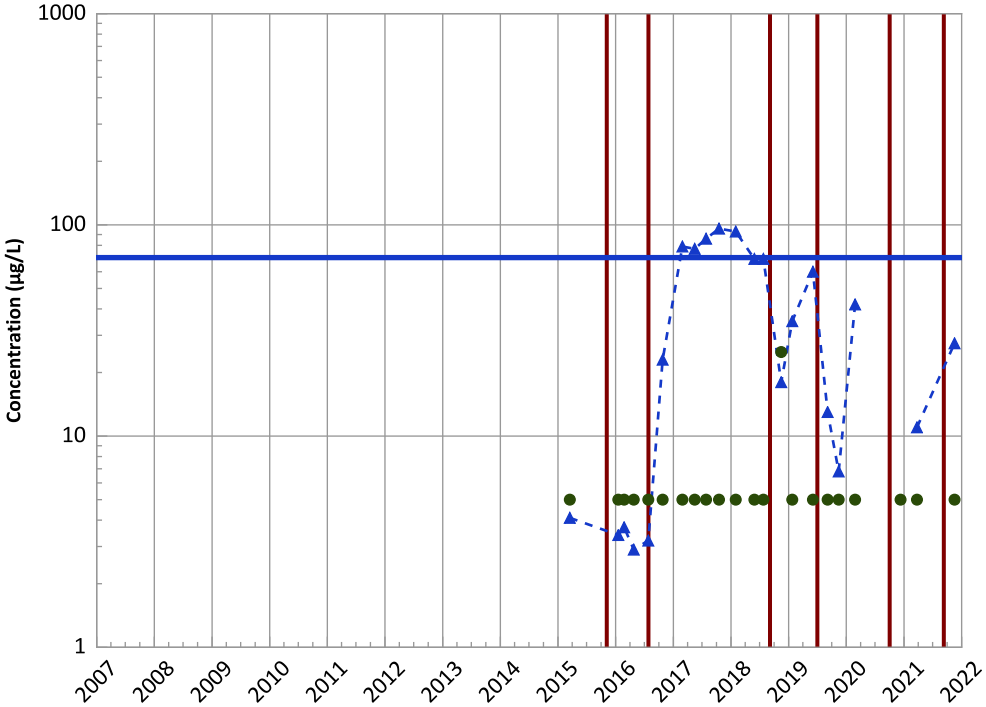
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

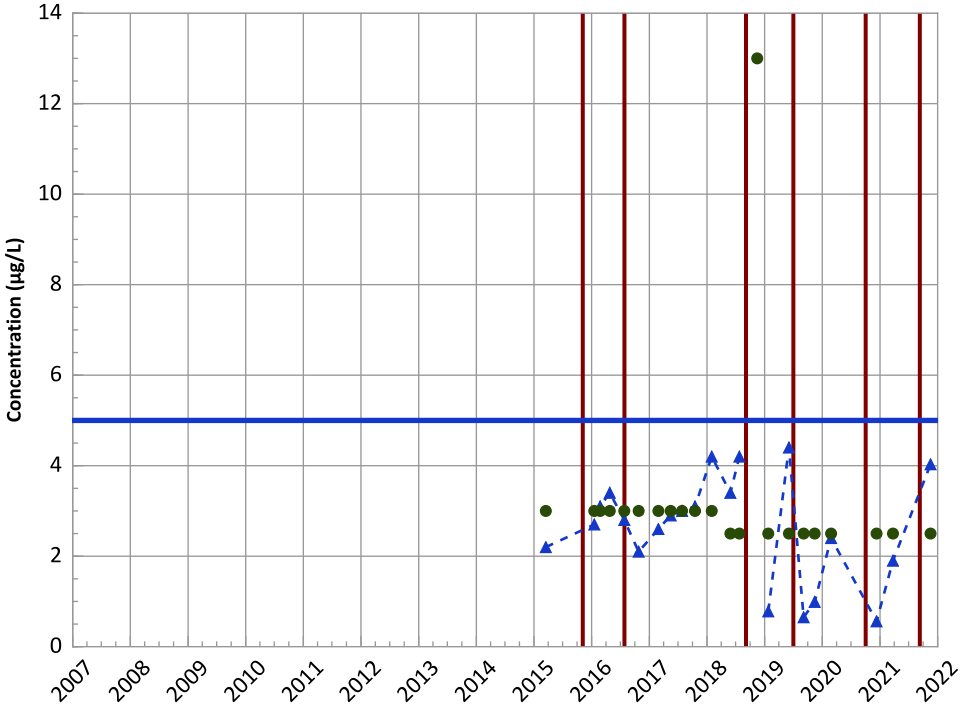


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

1,2-Dichloroethane Trend



Concentration Trend

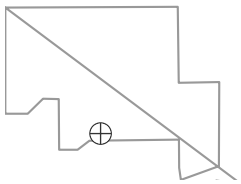
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

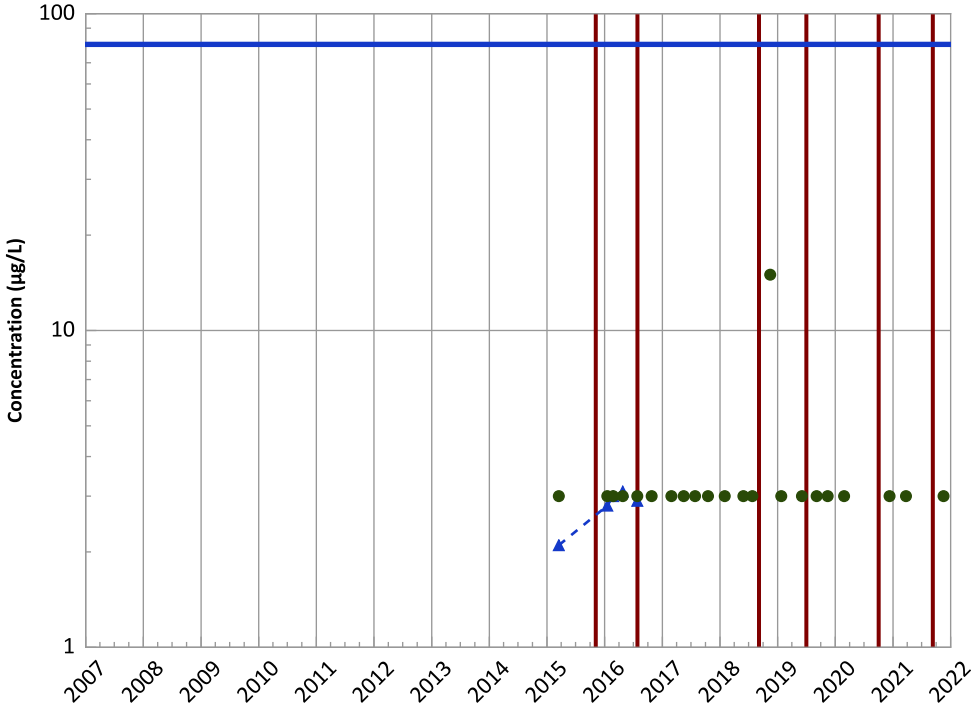
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

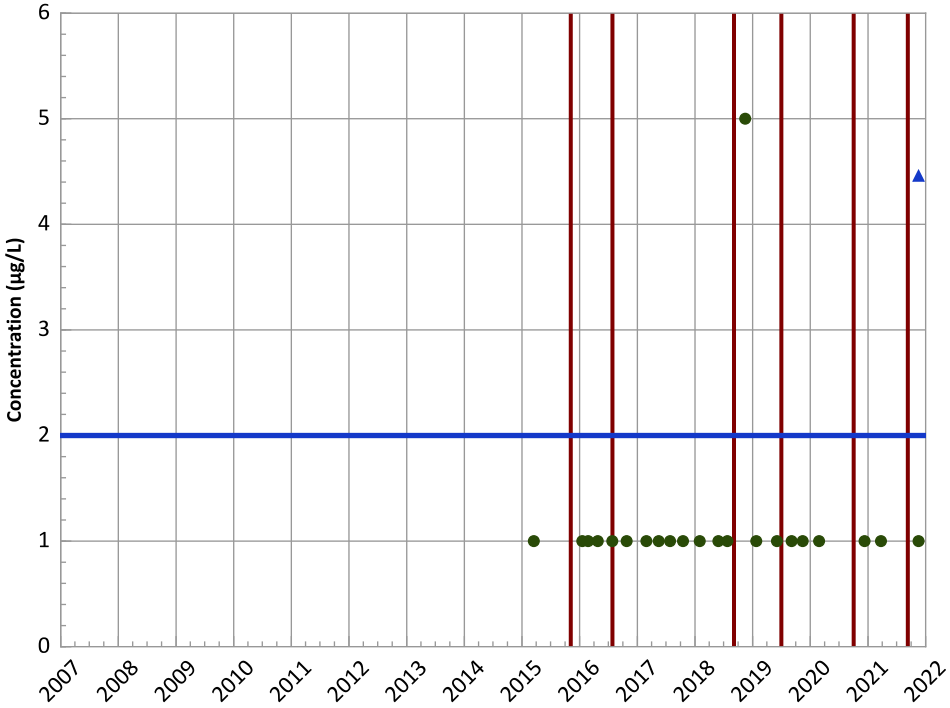


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Vinyl Chloride Trend



Concentration Trend

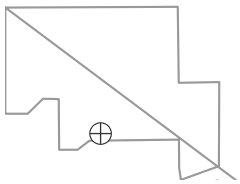
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

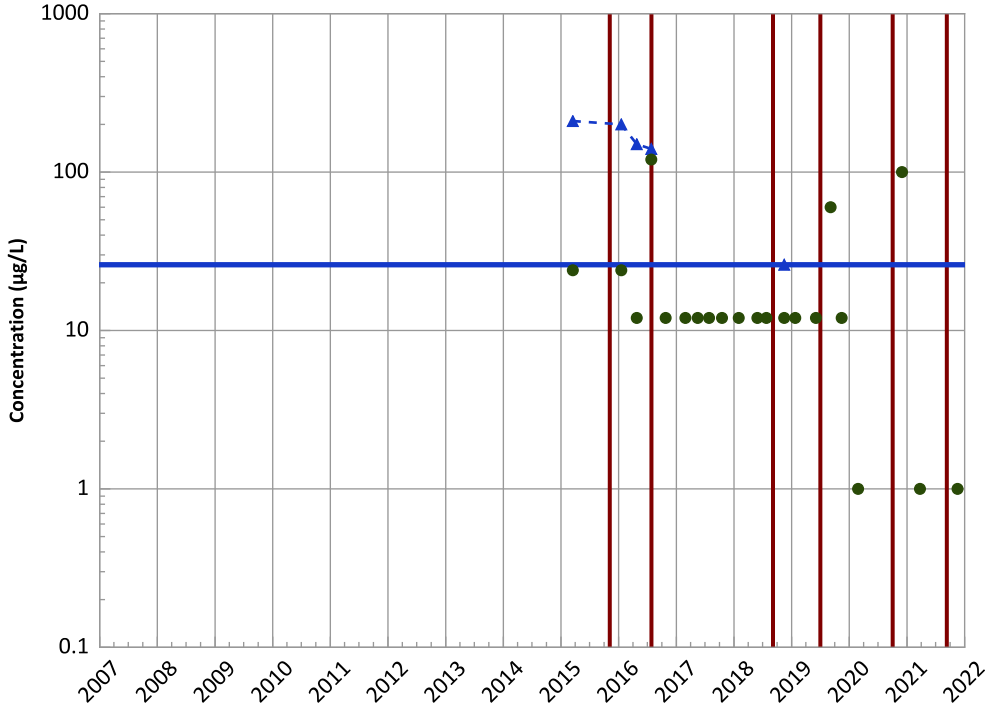
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

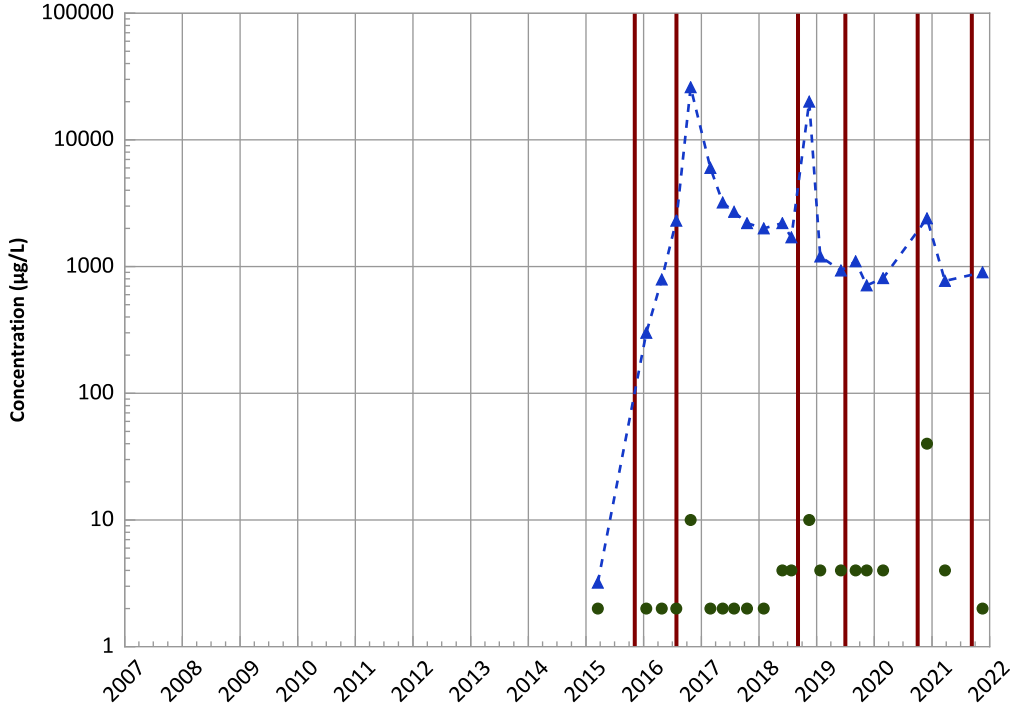


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

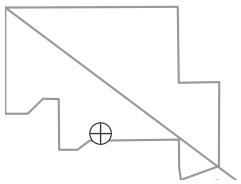
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Stable' 'Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

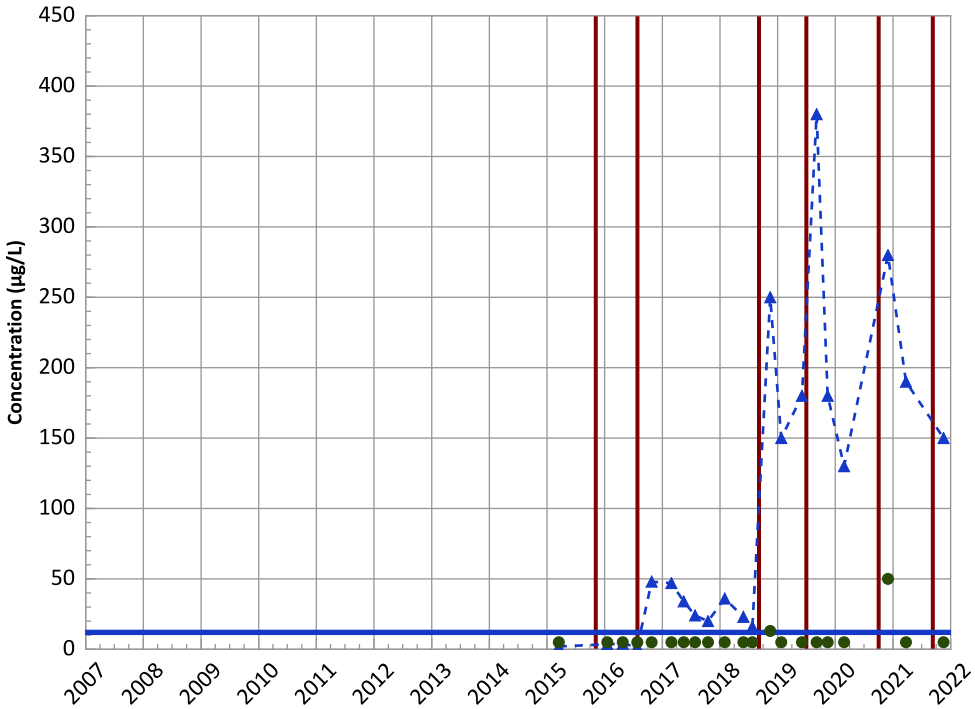
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

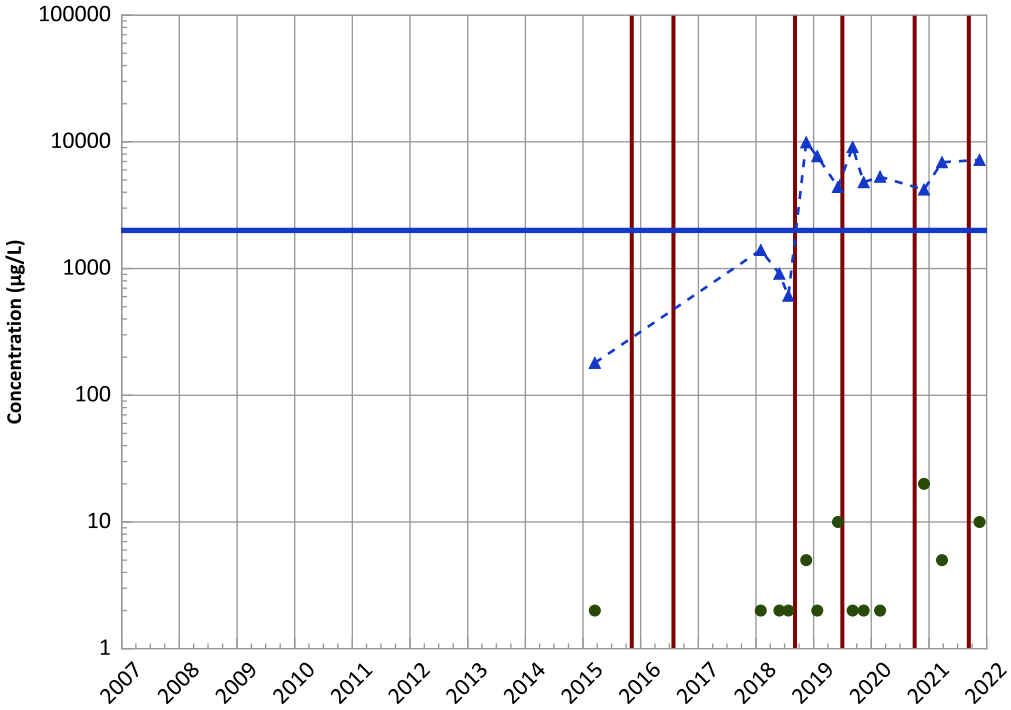


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

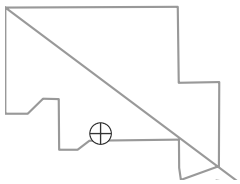
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

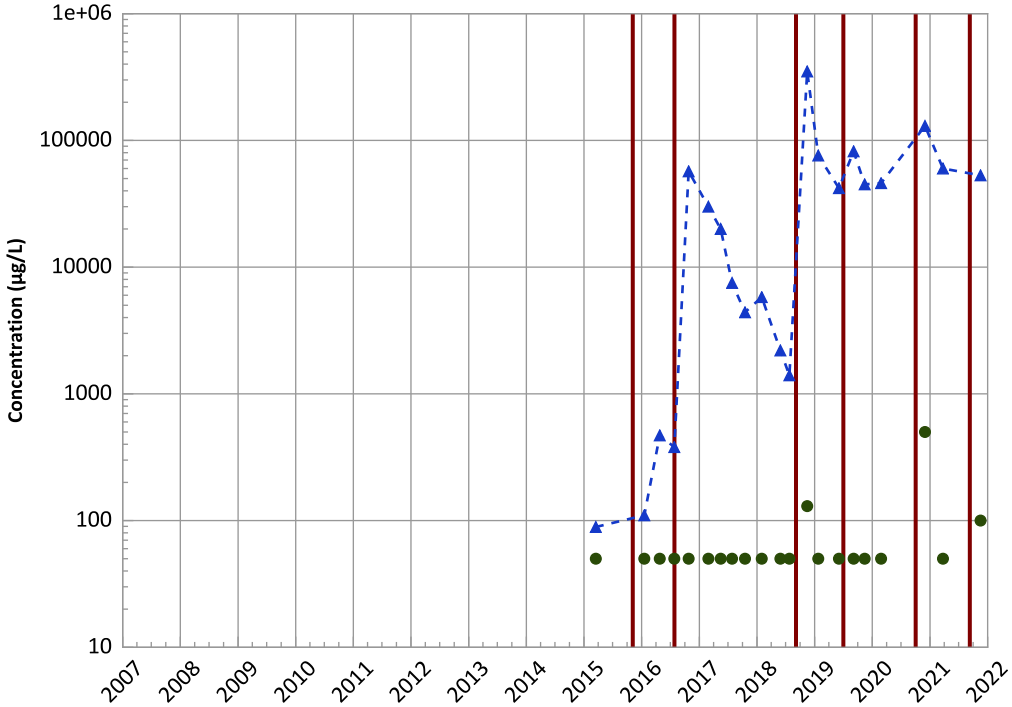
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

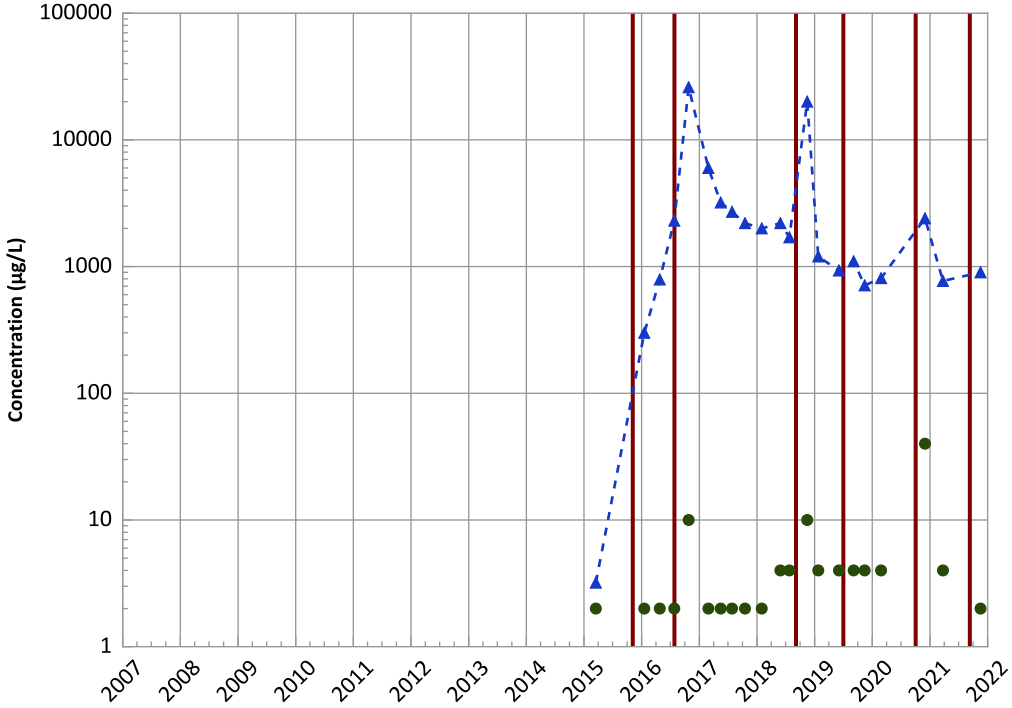


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

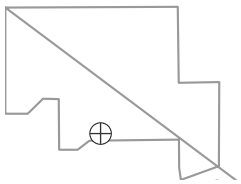
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Stable' 'Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

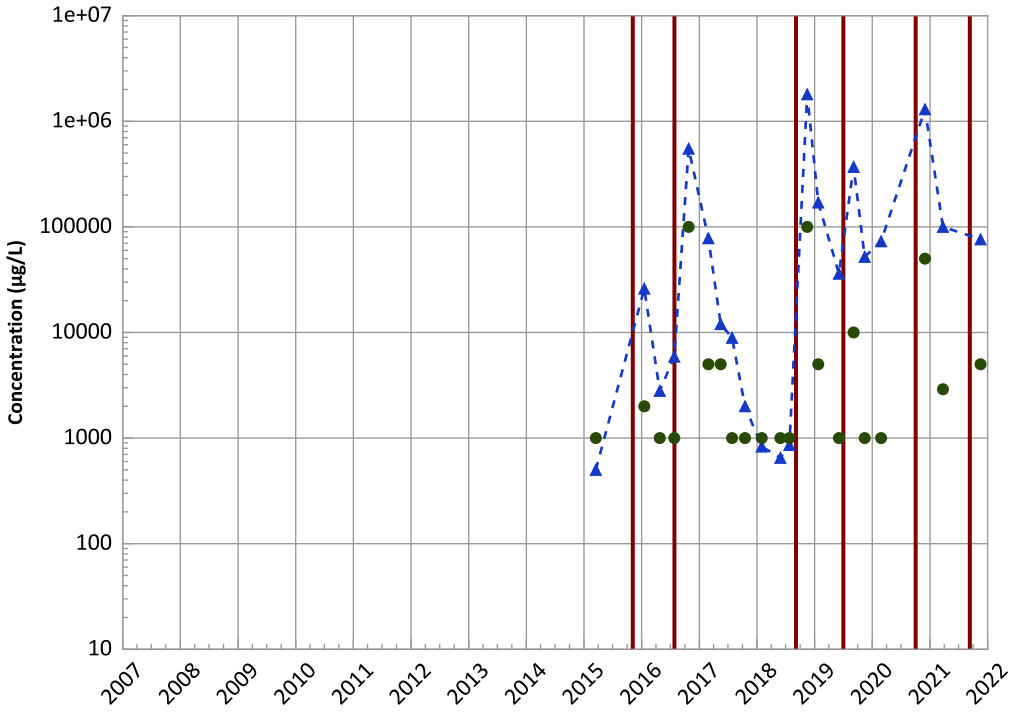
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

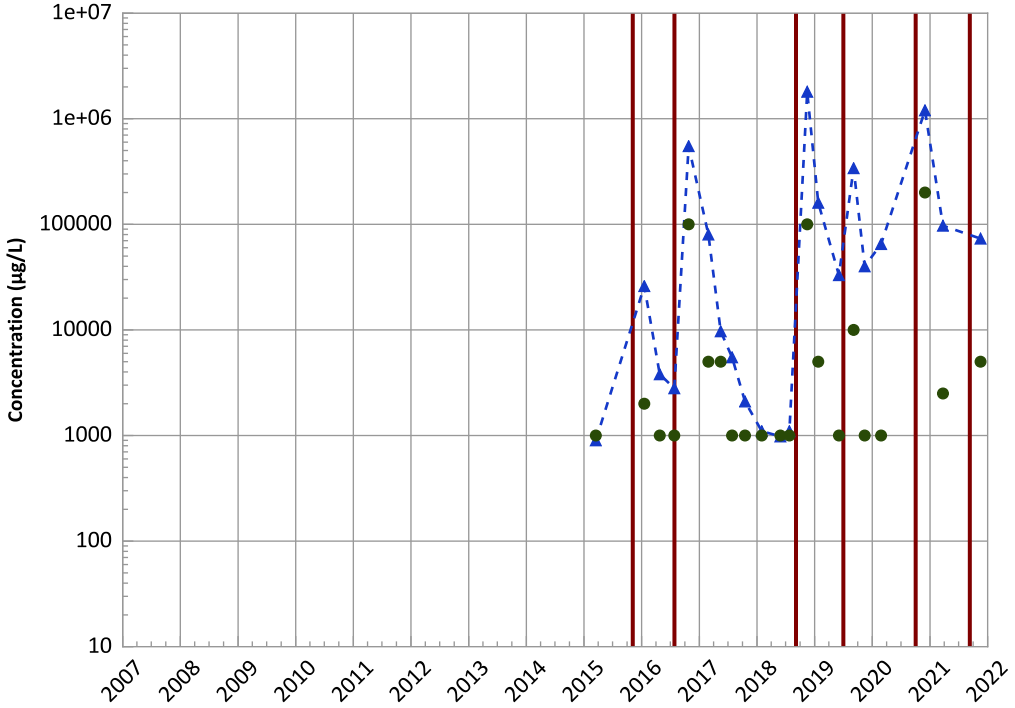


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

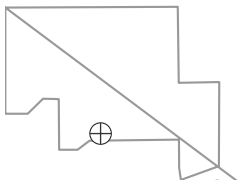
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

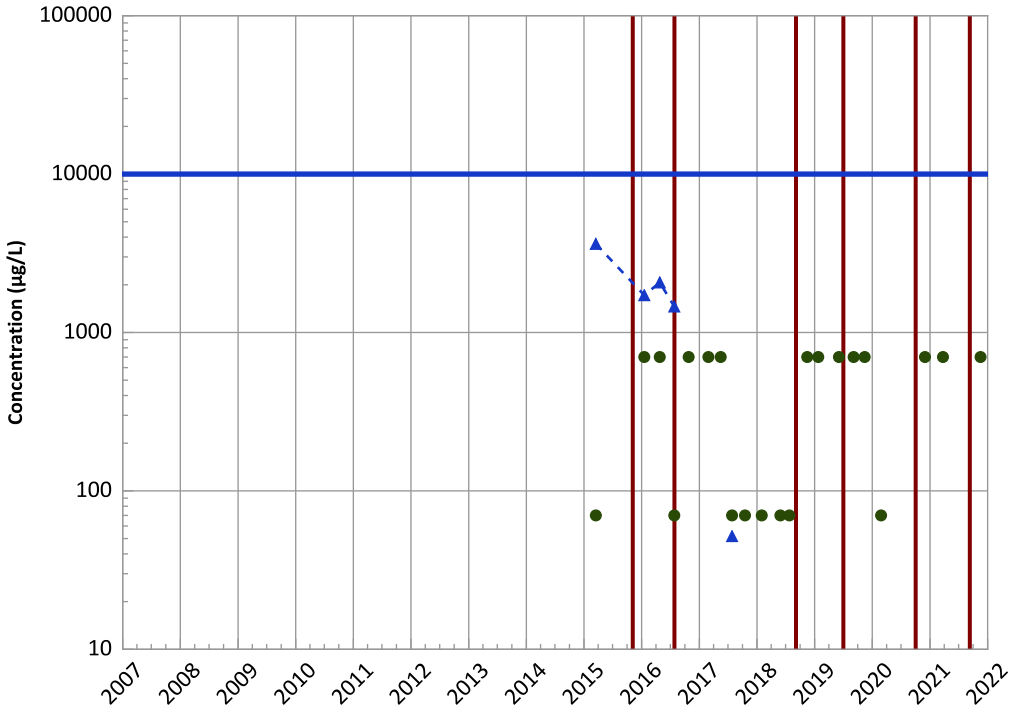
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

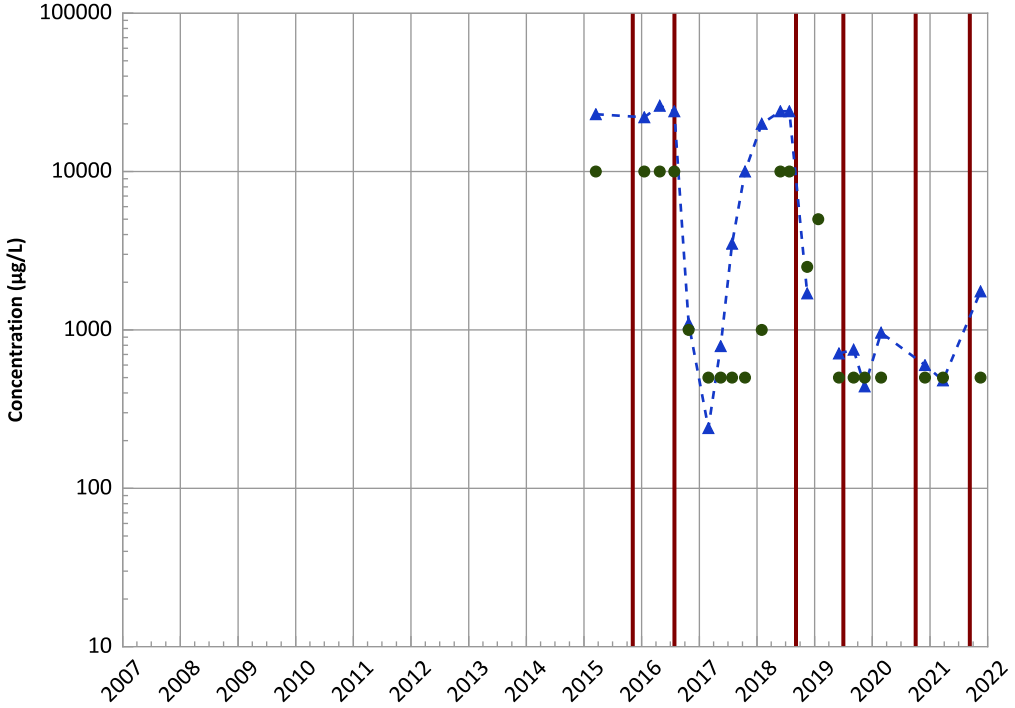


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Sulfate (as SO4) Trend



Concentration Trend

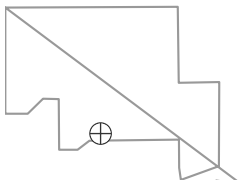
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

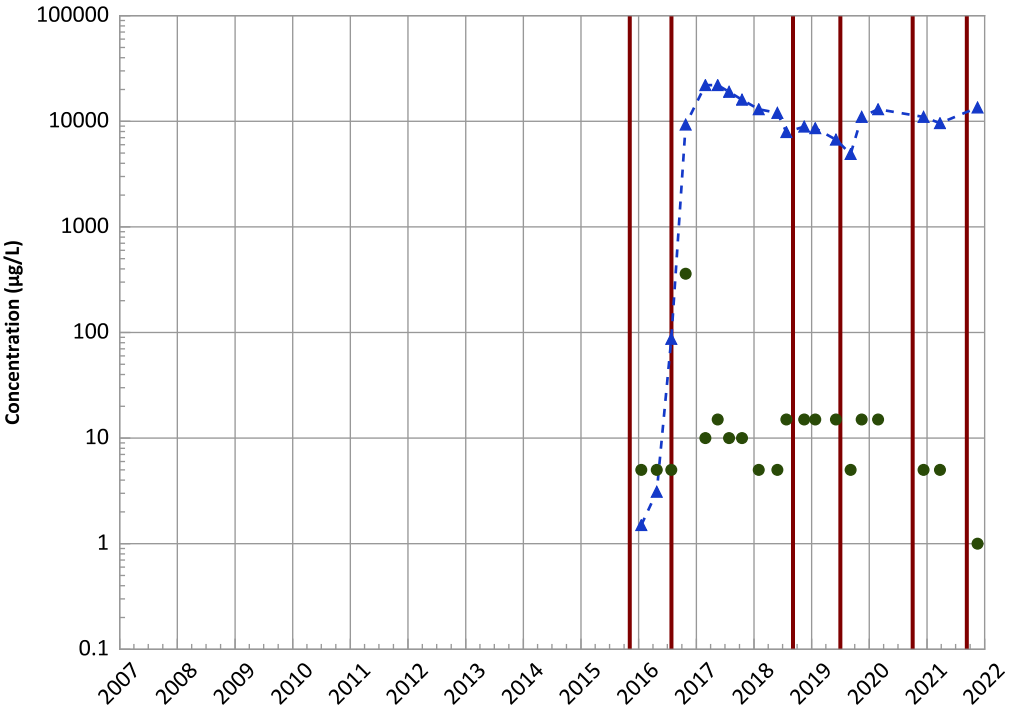
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

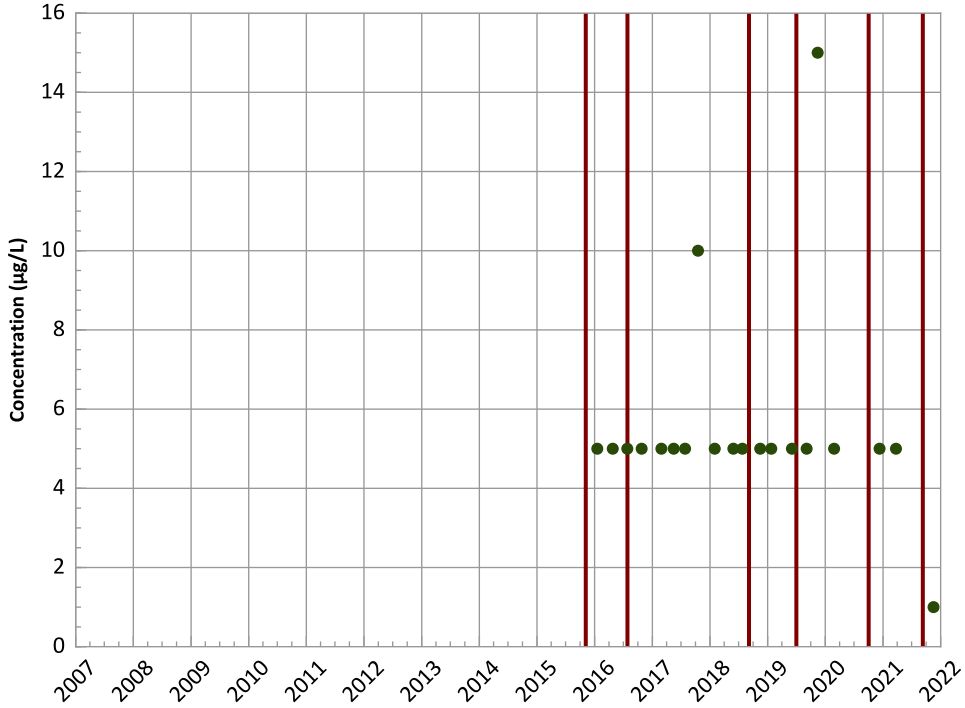


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

Ethane Trend



Concentration Trend

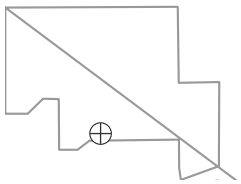
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

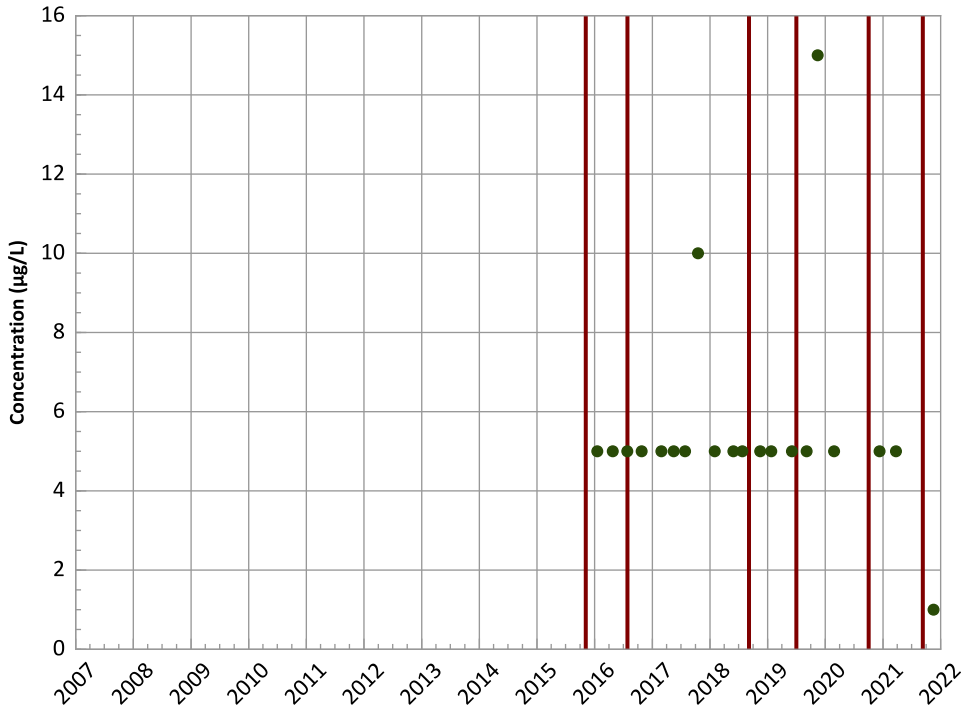
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1177 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

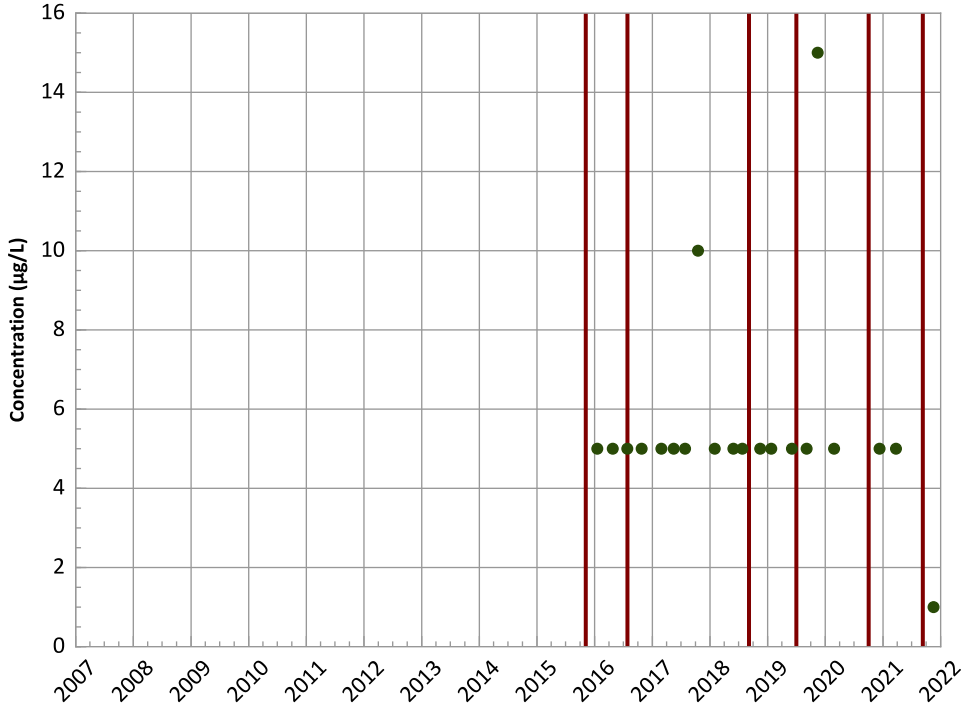


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trend



Concentration Trend

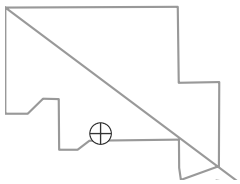
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

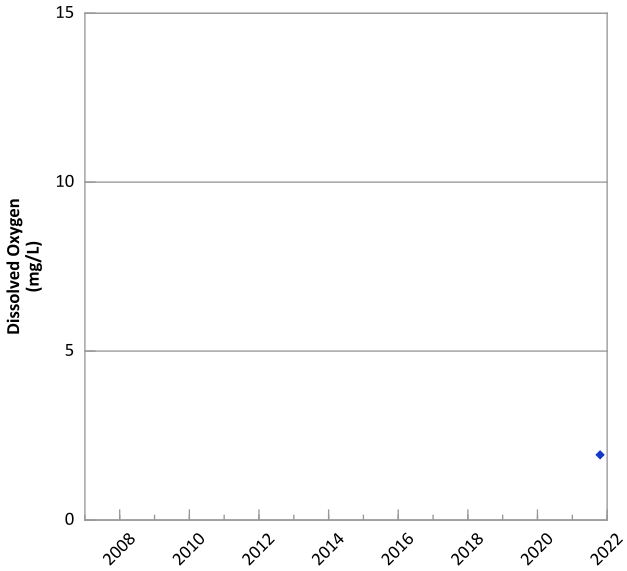
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/17/2015 to 11/17/2021
Analysis Date: 05/26/2022

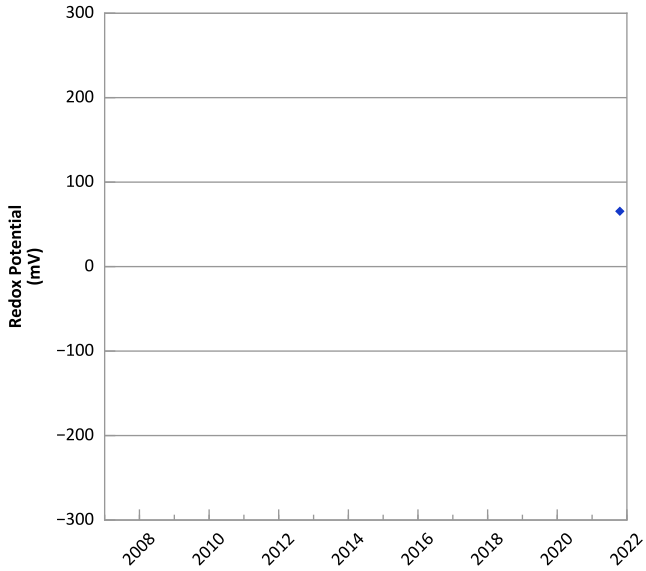
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

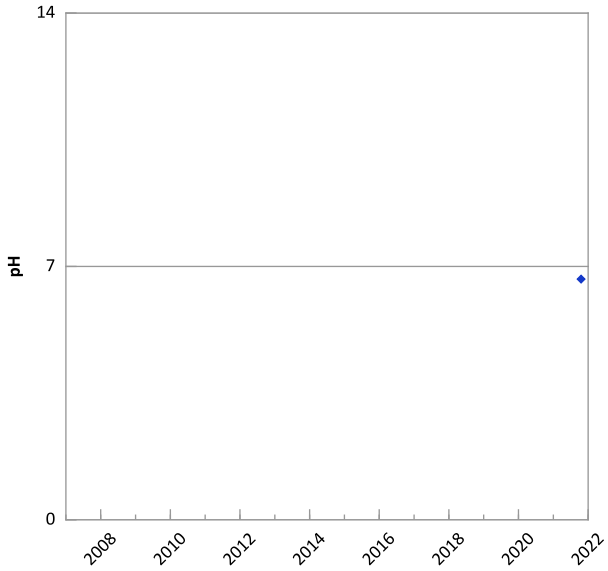
Well Location

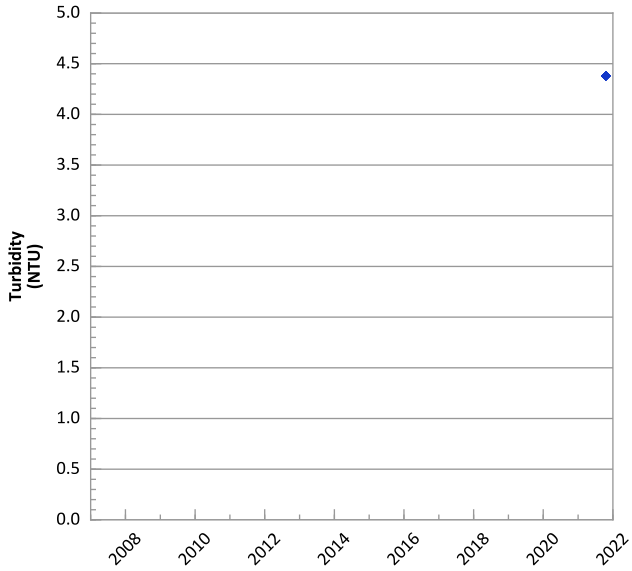


PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



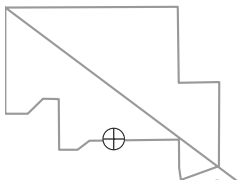






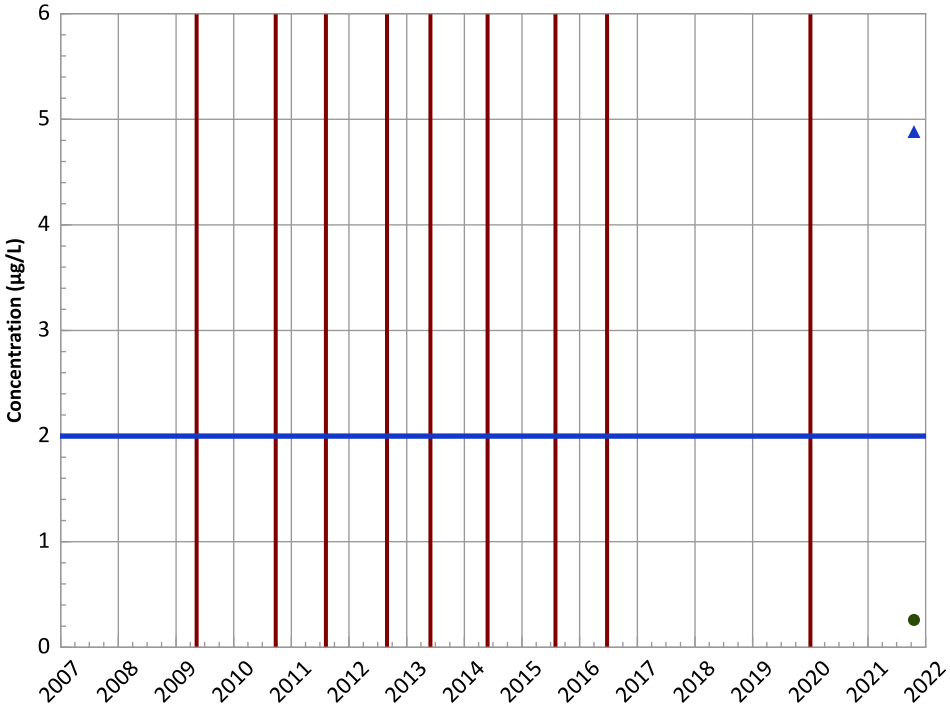
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

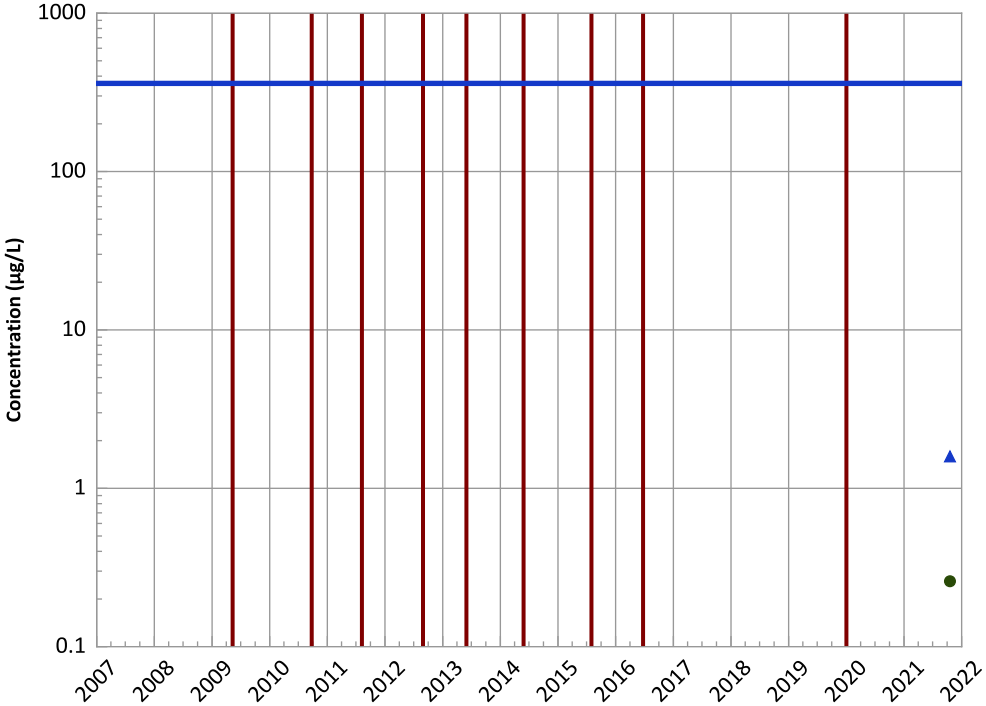


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

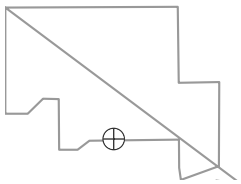
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

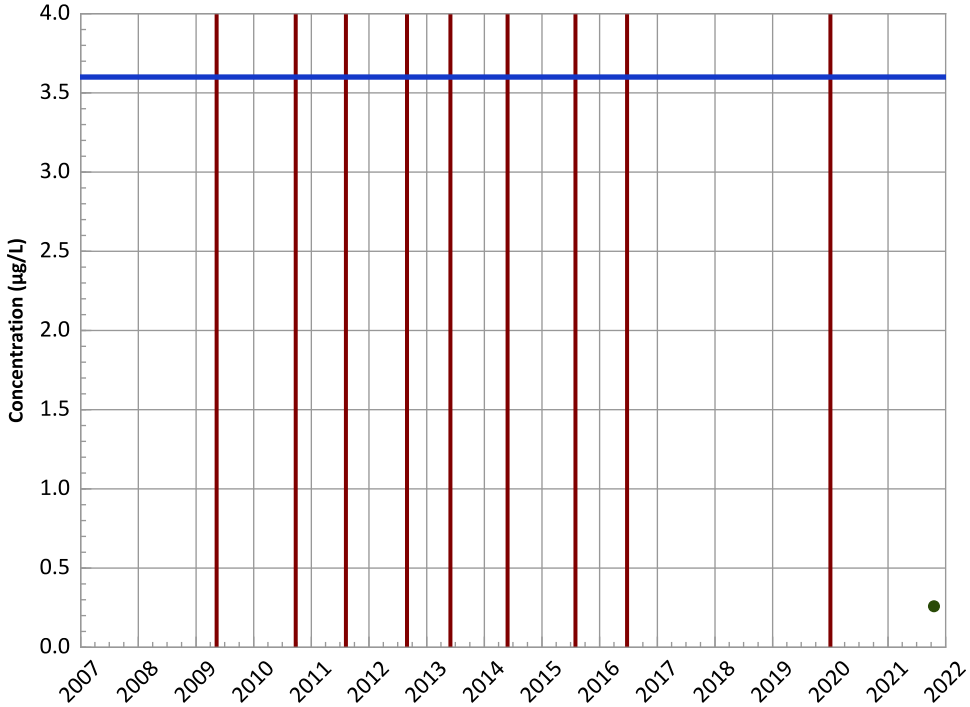
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

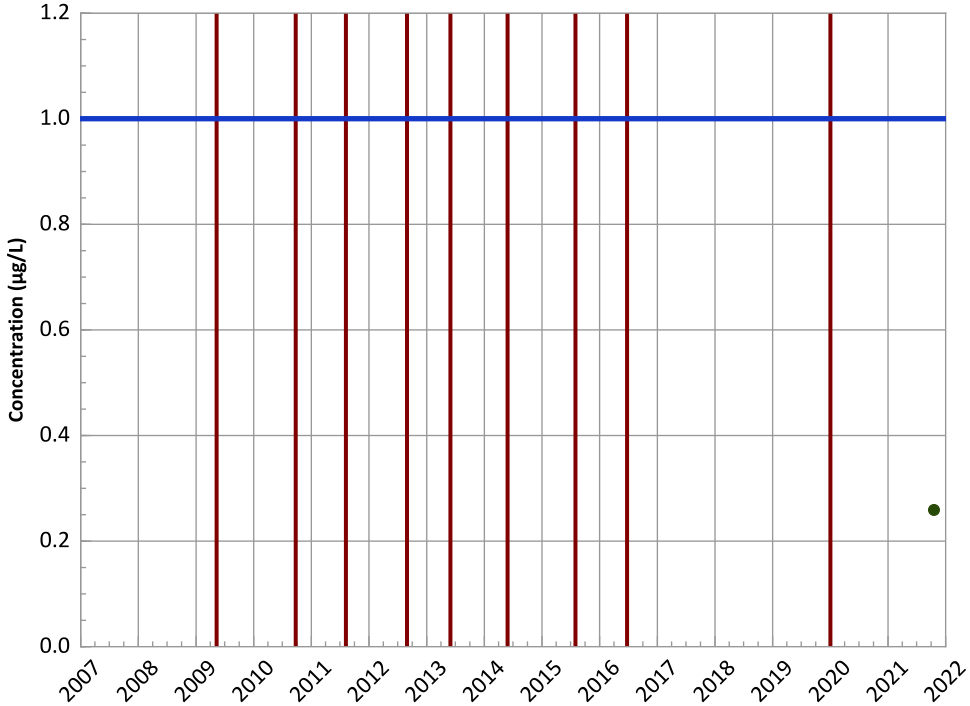


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

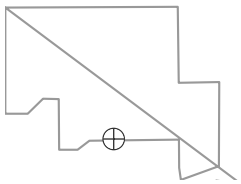
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

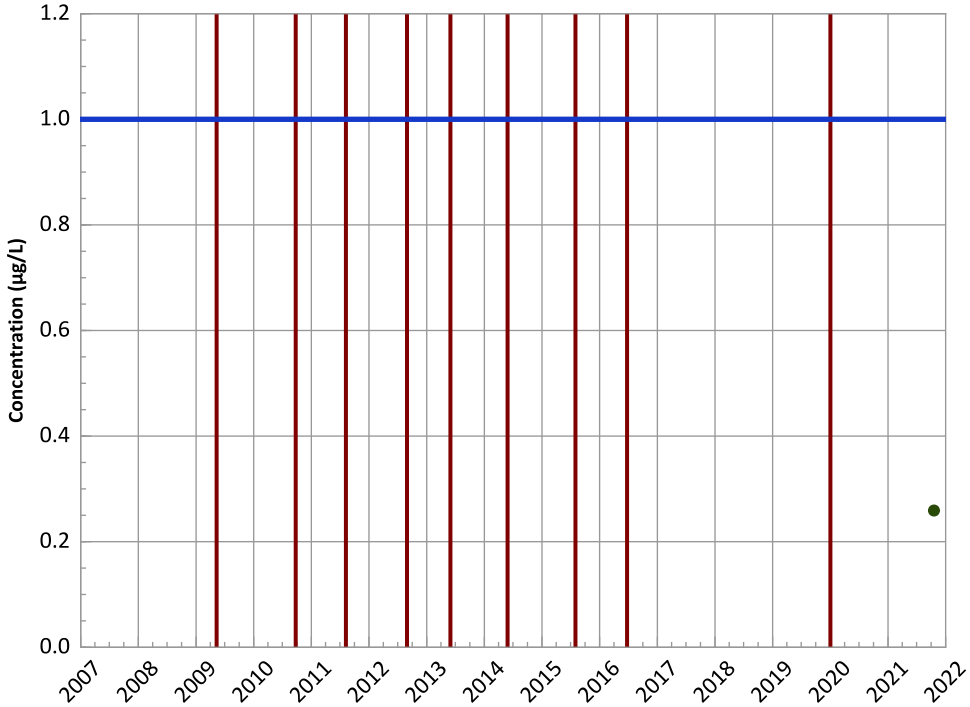
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

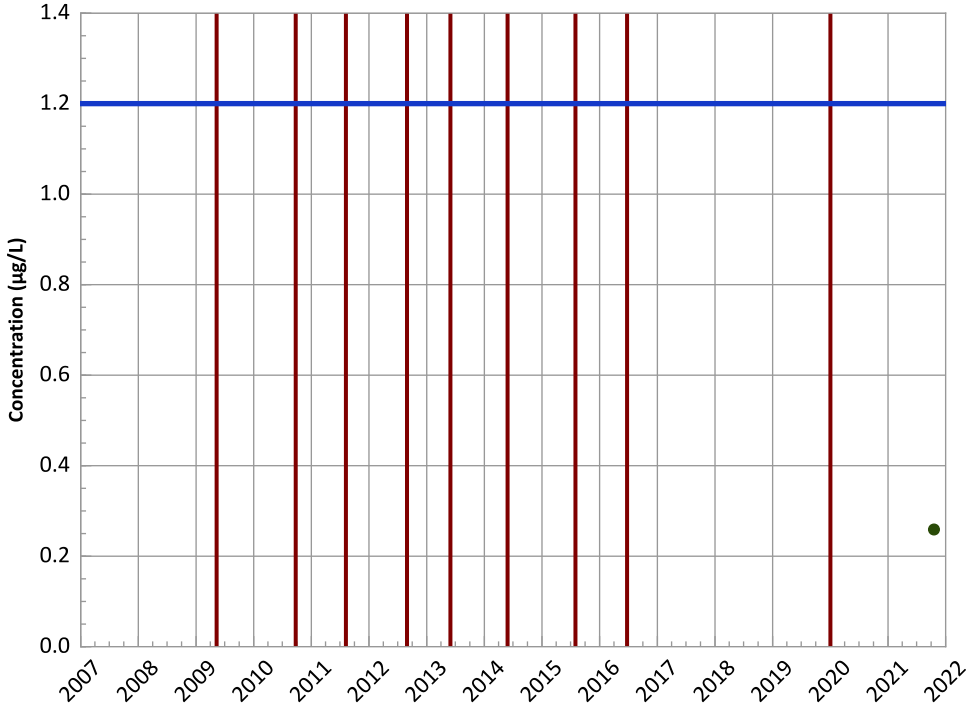


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

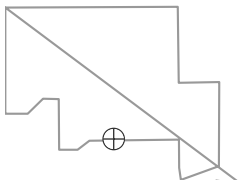
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

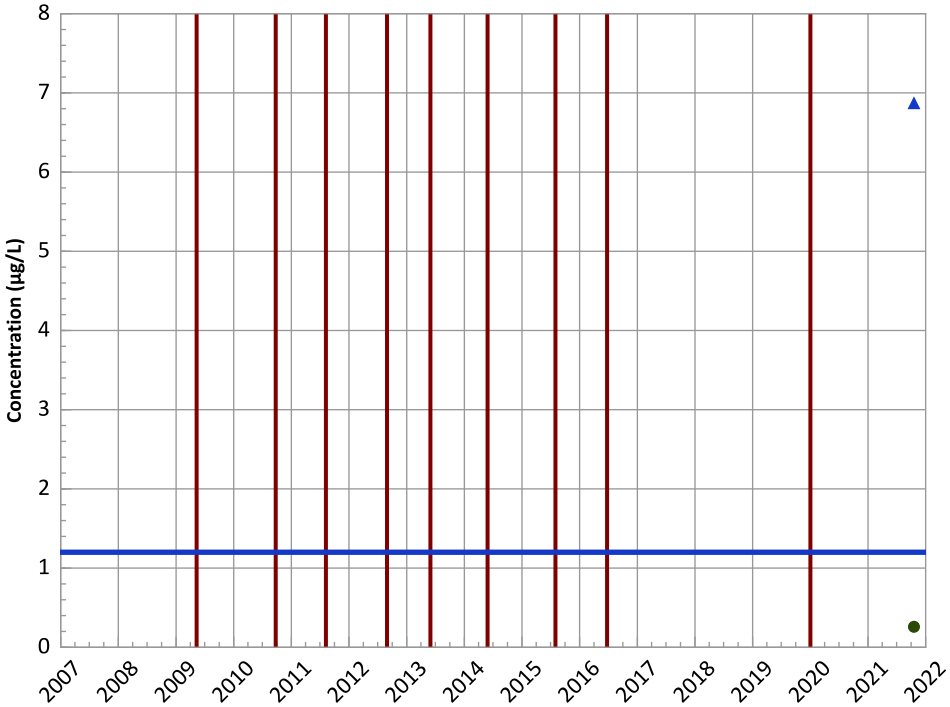
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

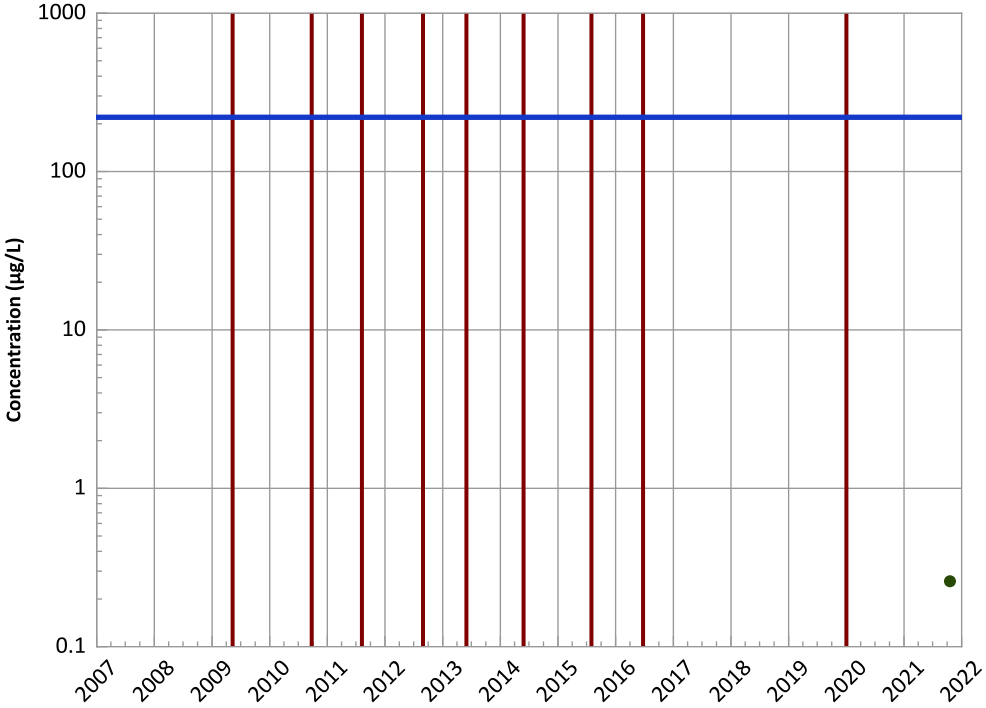


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

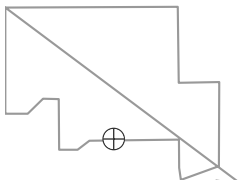
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

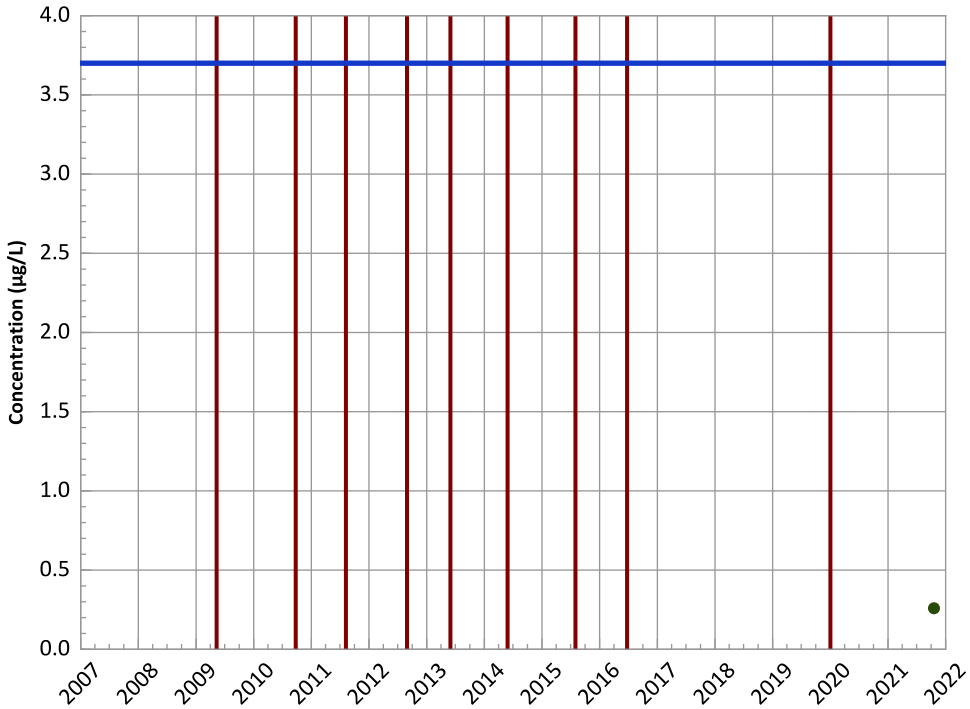
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

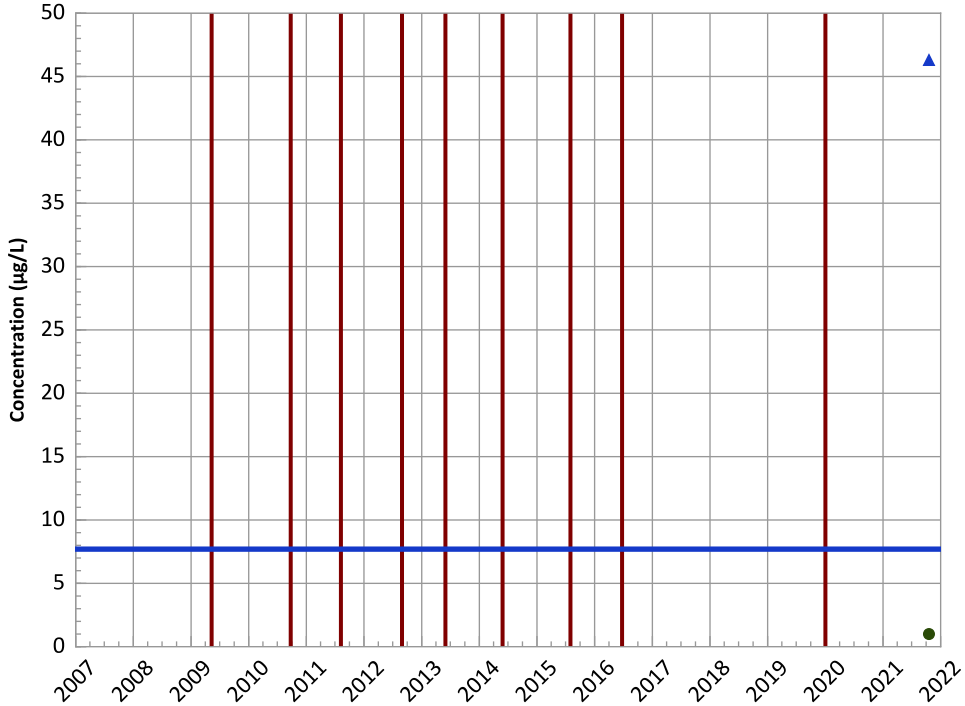


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

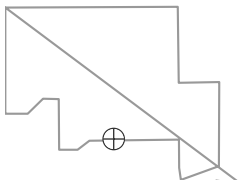
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

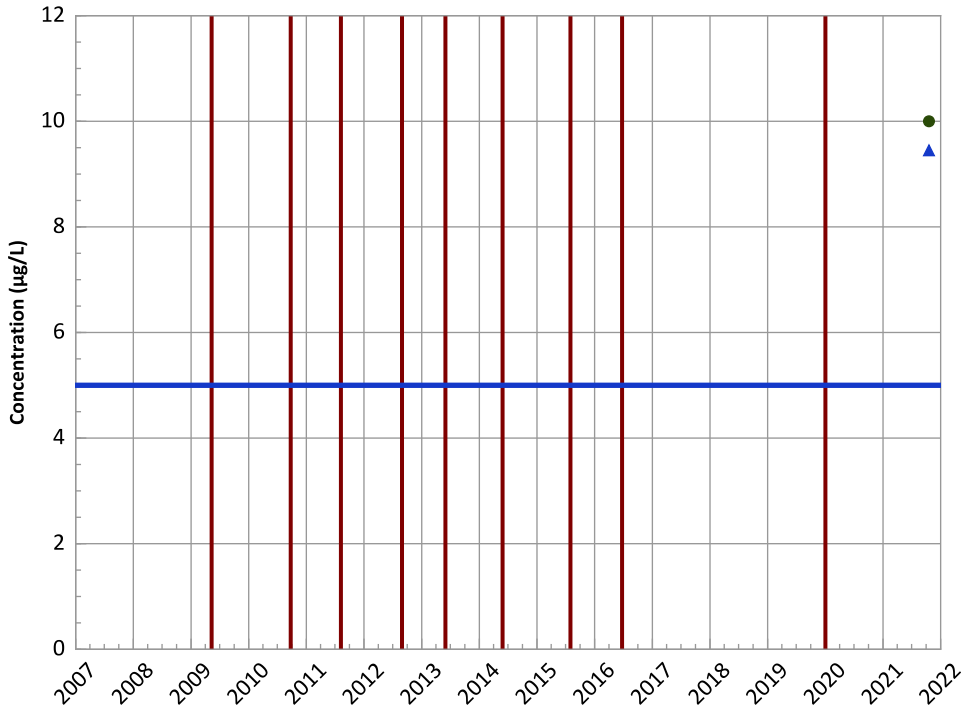
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

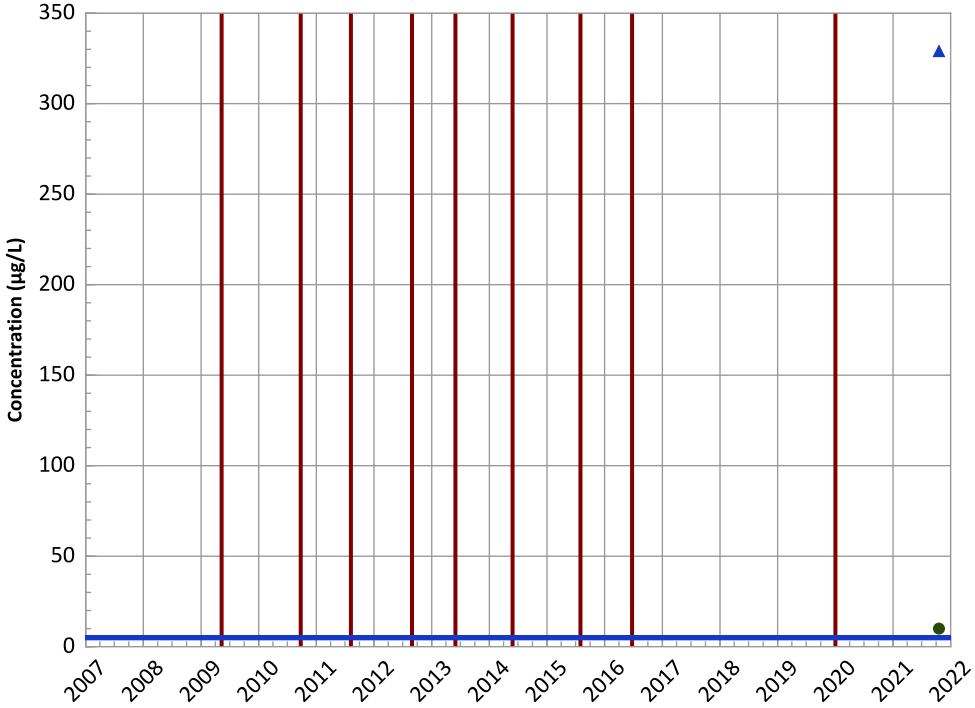


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

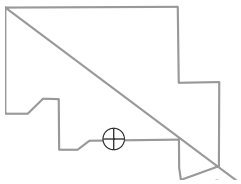
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

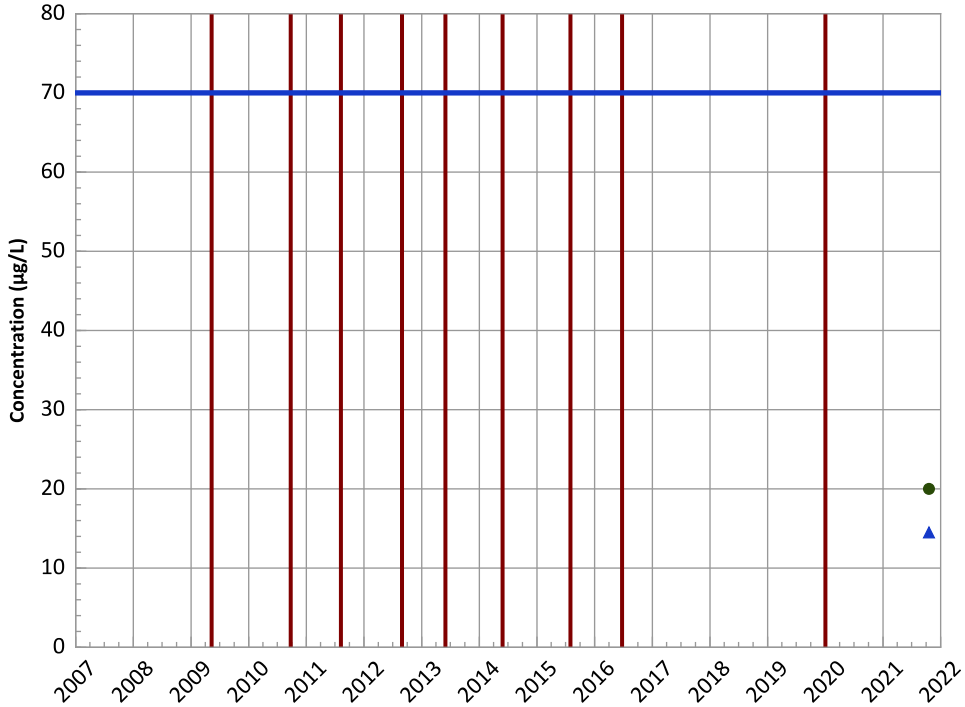
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

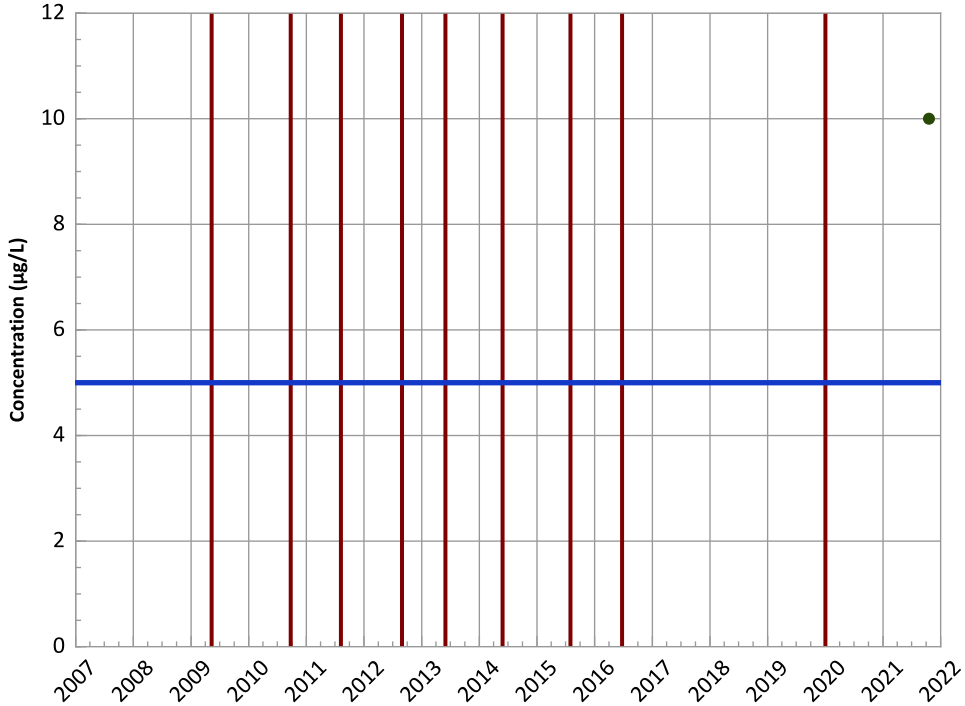


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

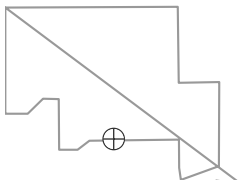
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

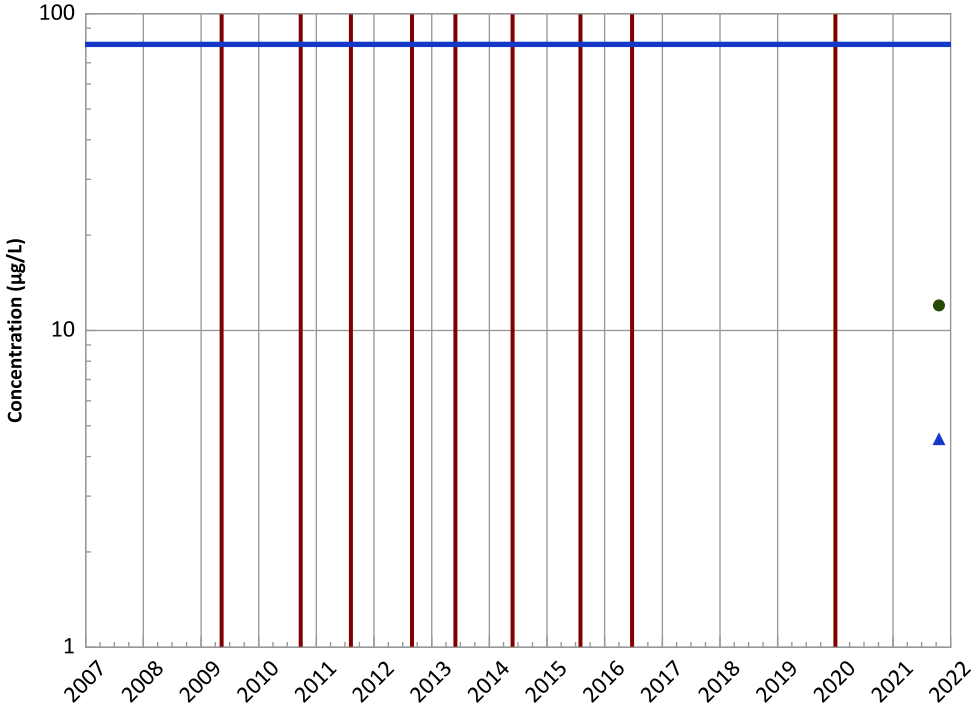
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

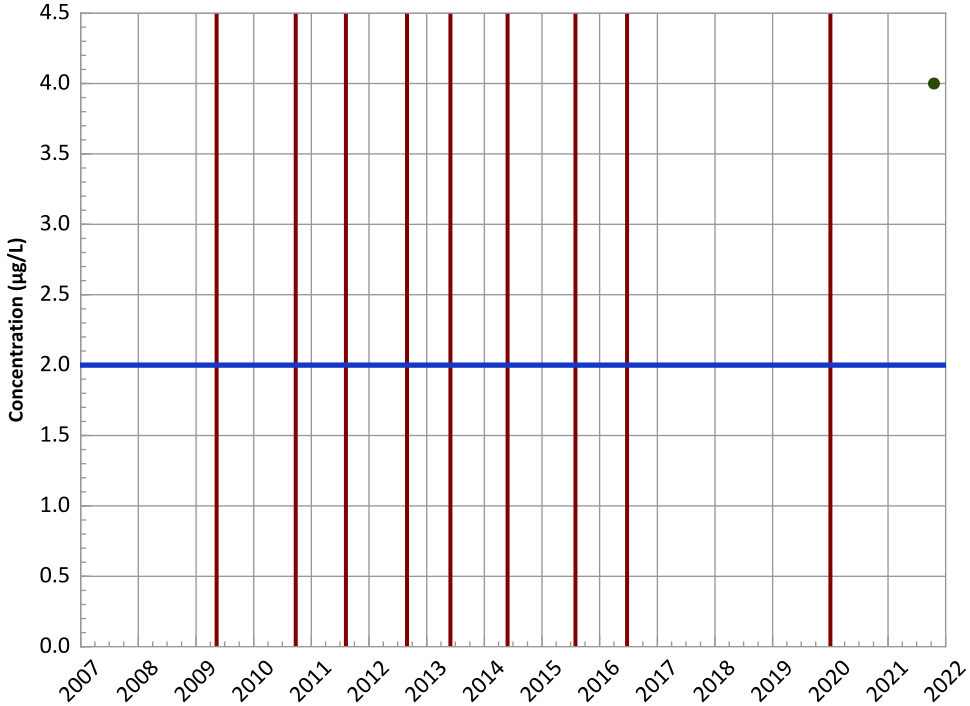


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

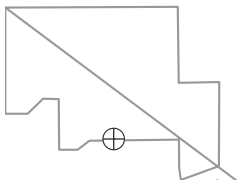
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

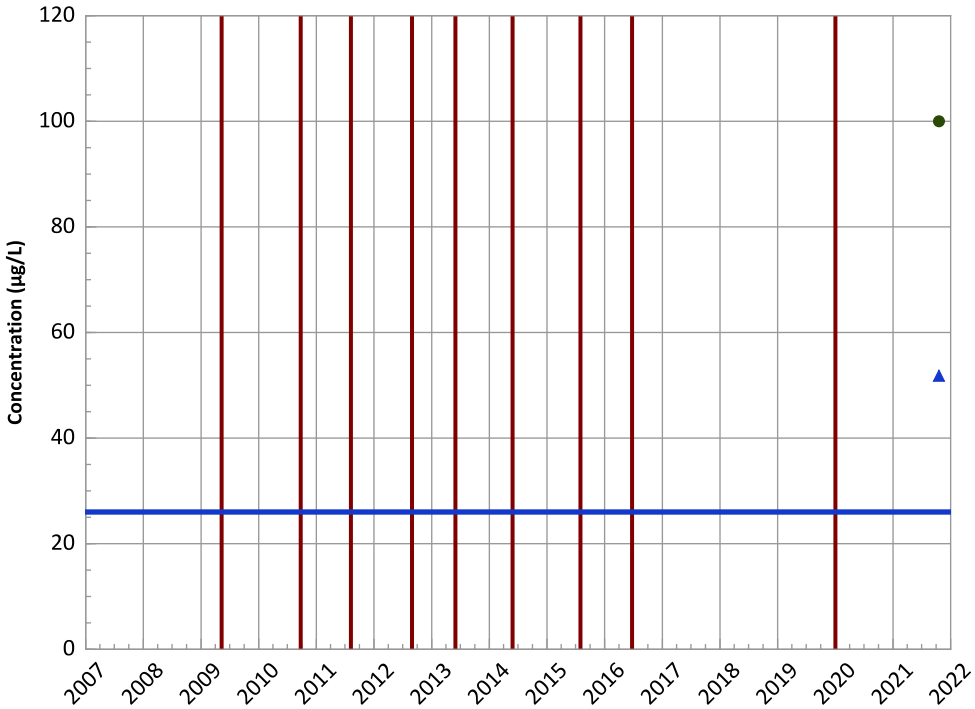
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

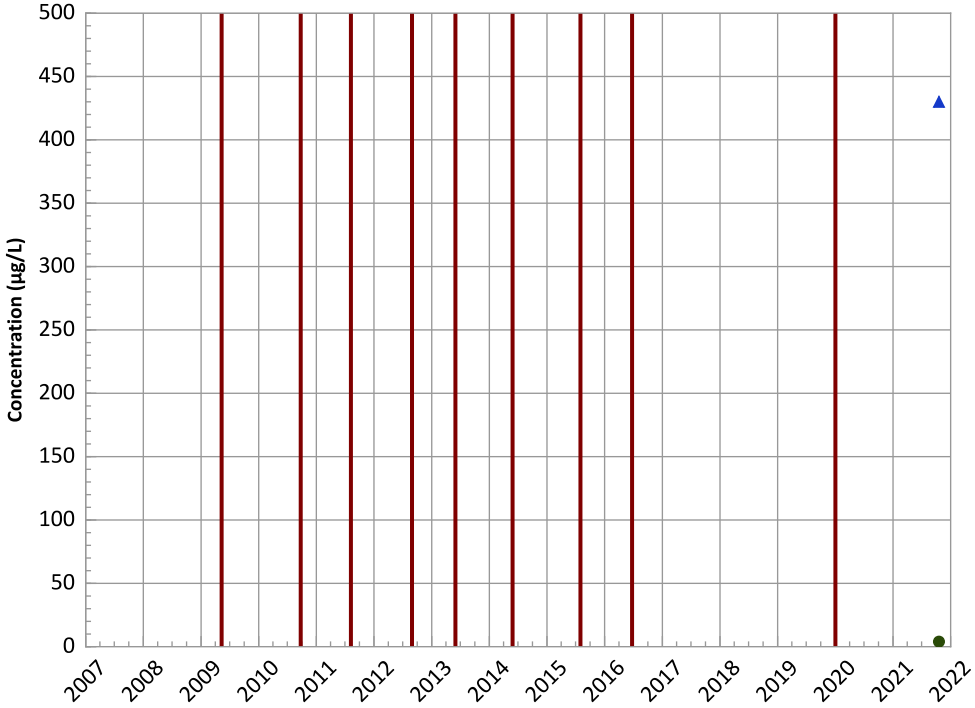


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

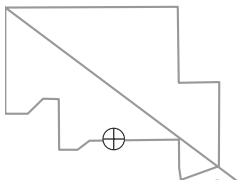
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

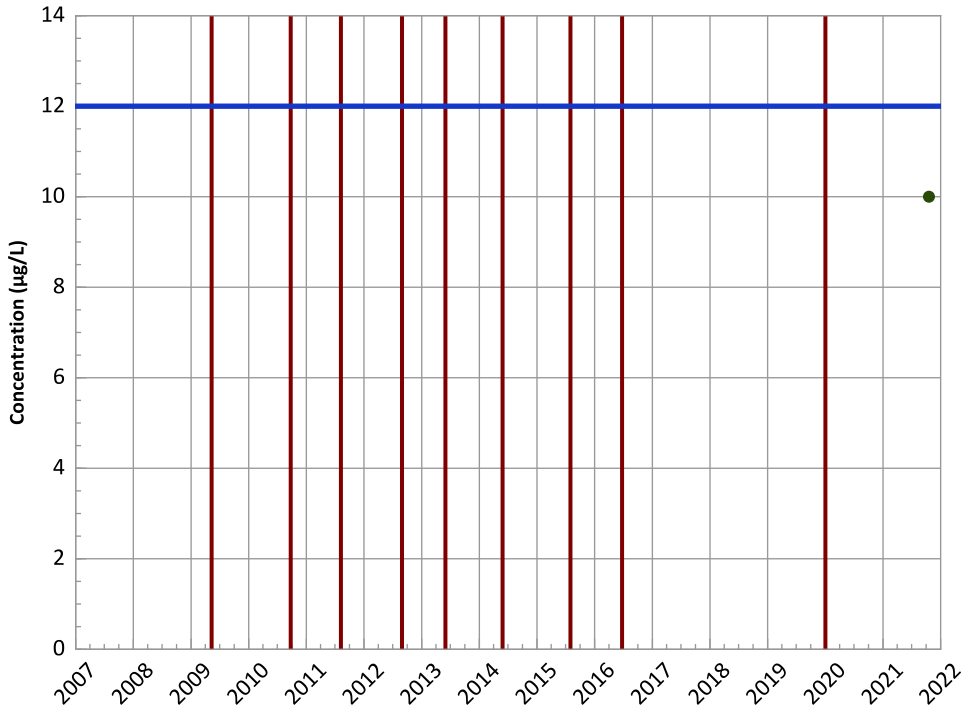
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

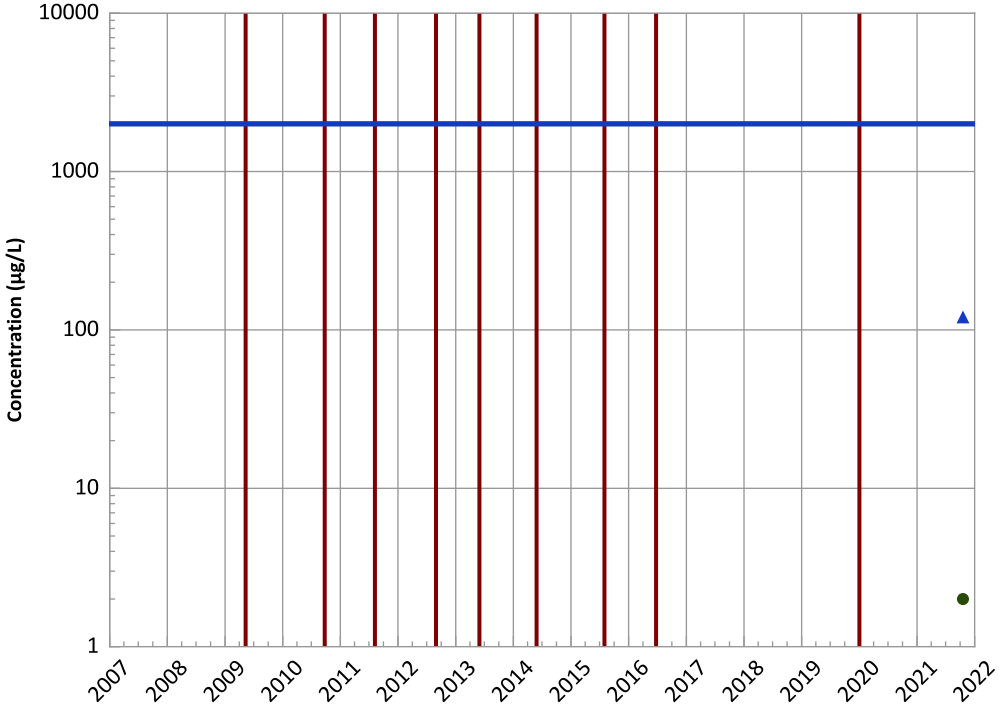


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Barium Trend



Concentration Trend

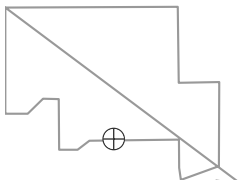
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

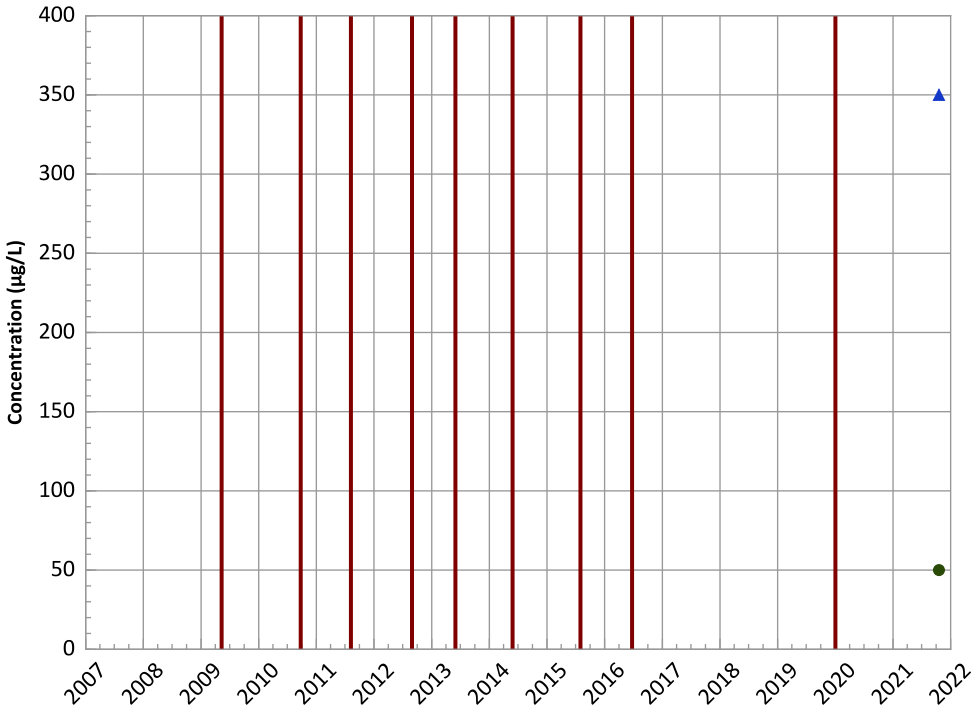
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

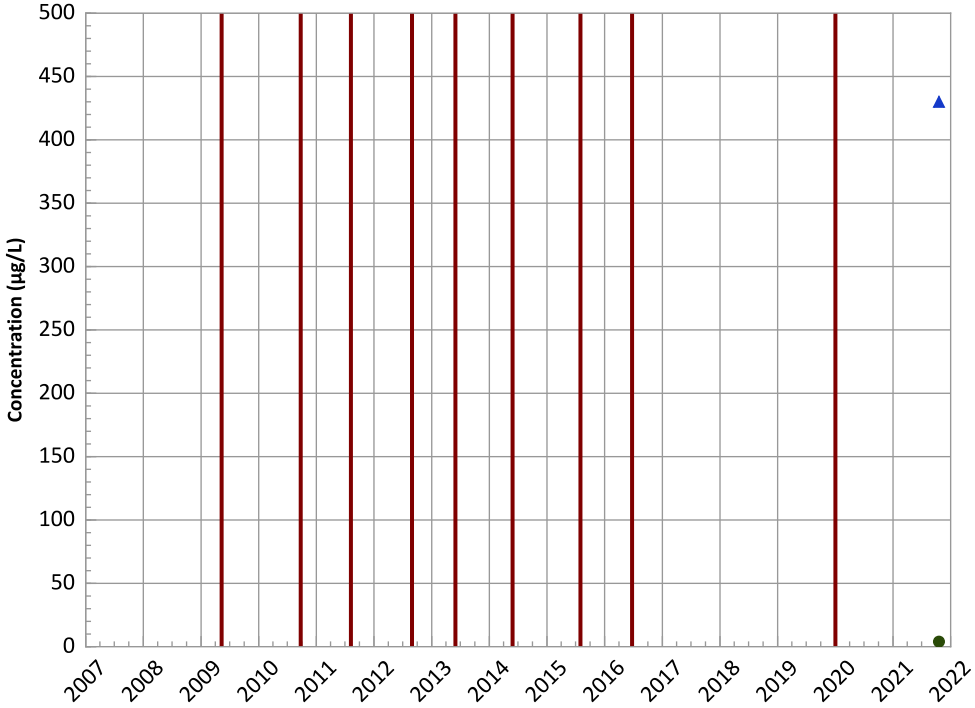


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

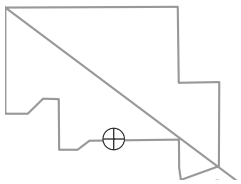
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

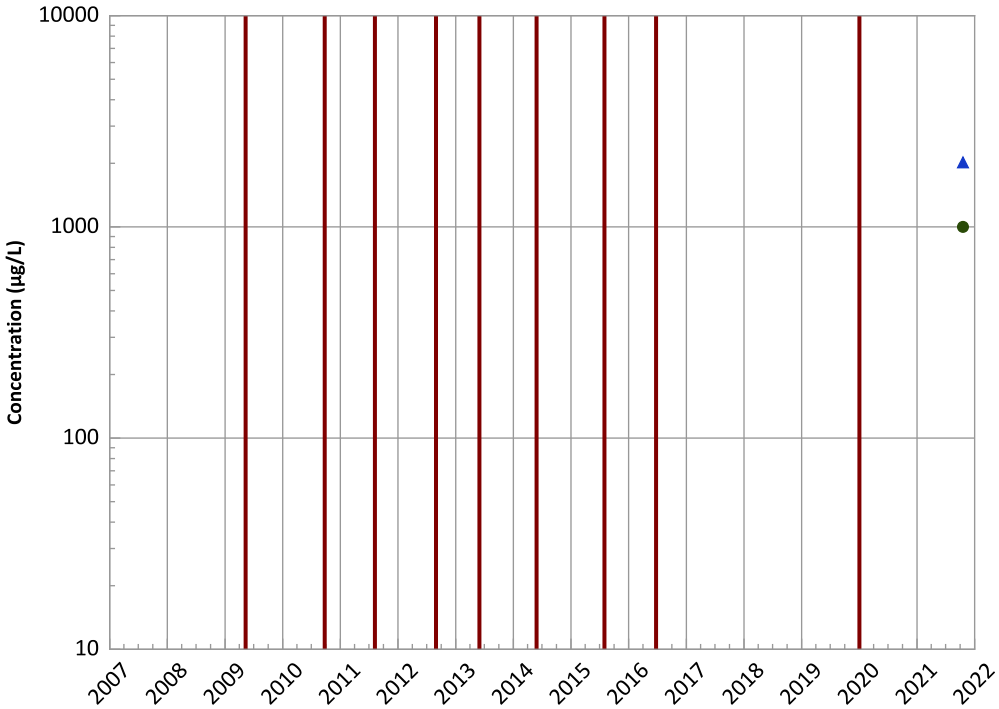
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

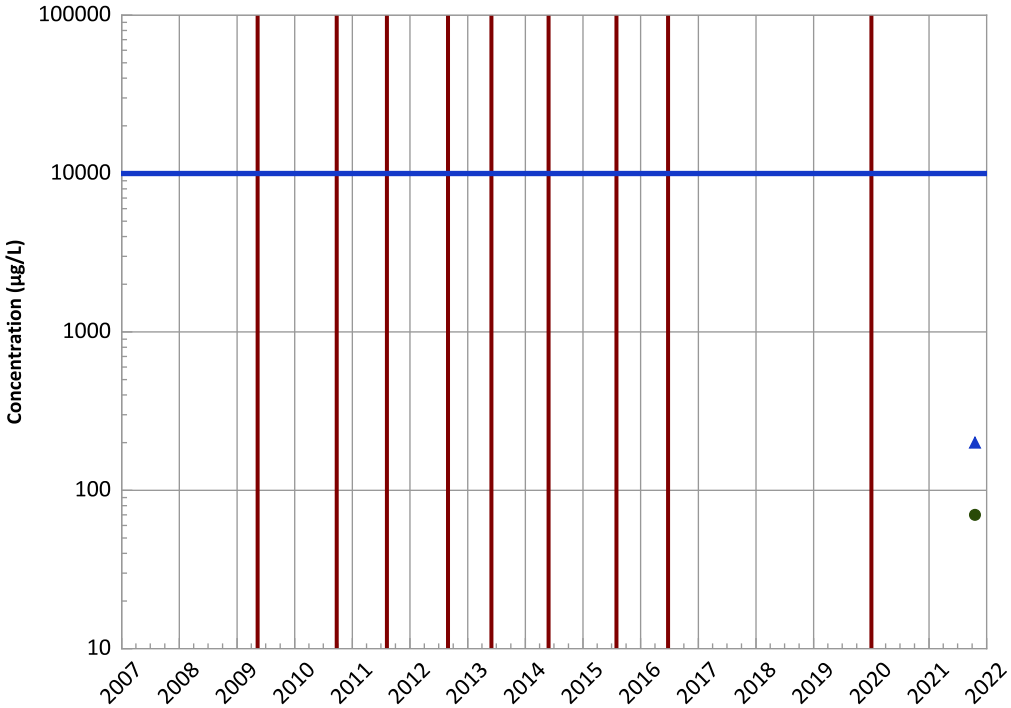


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

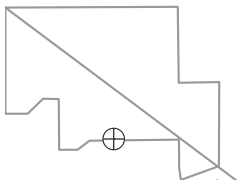
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

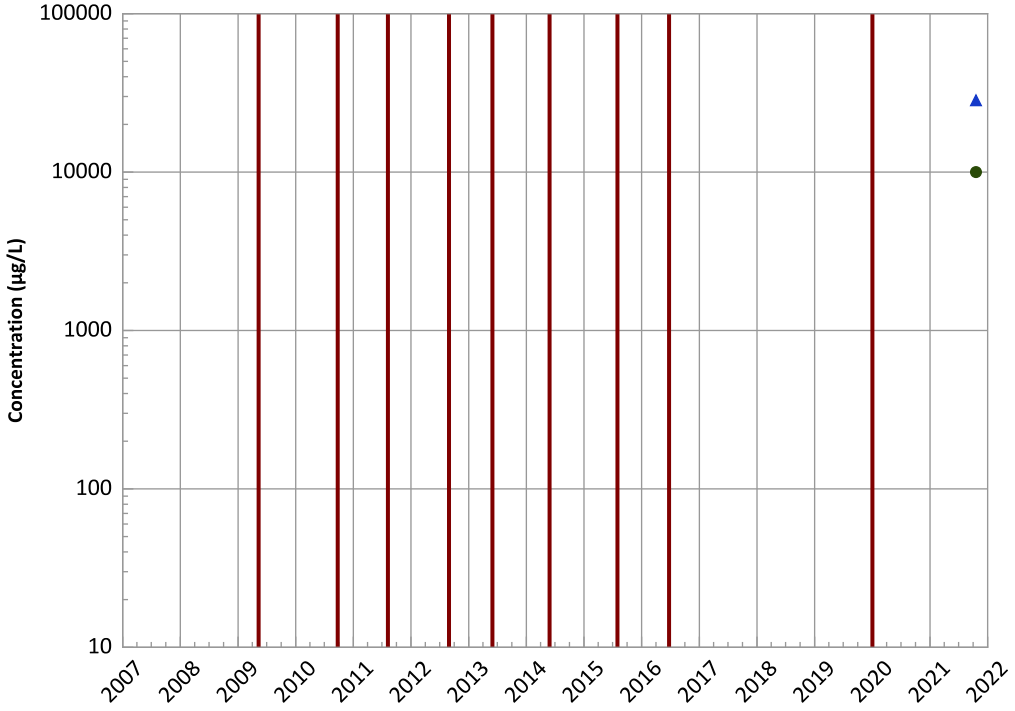
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1209 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

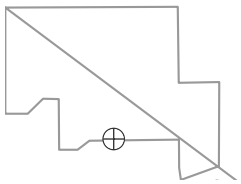
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

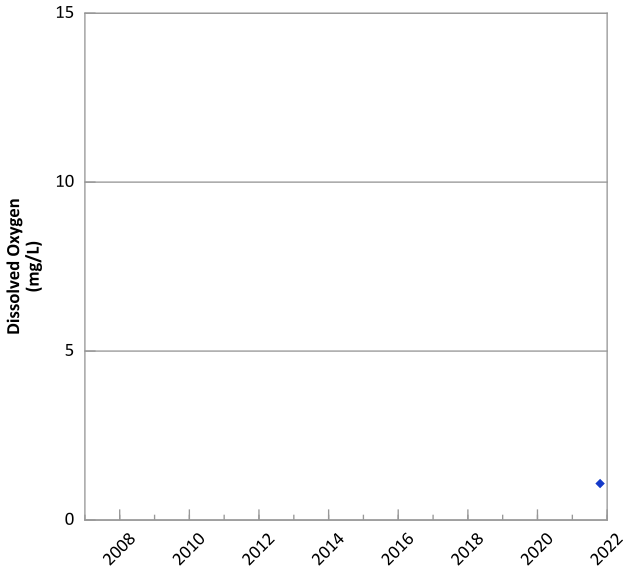
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

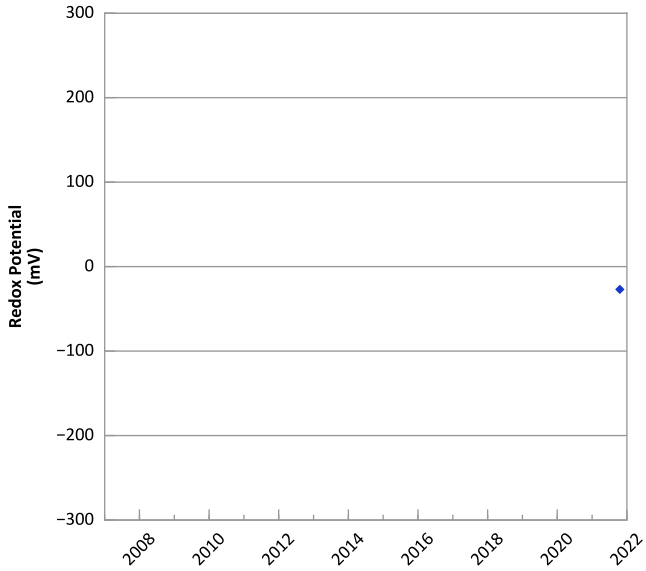
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

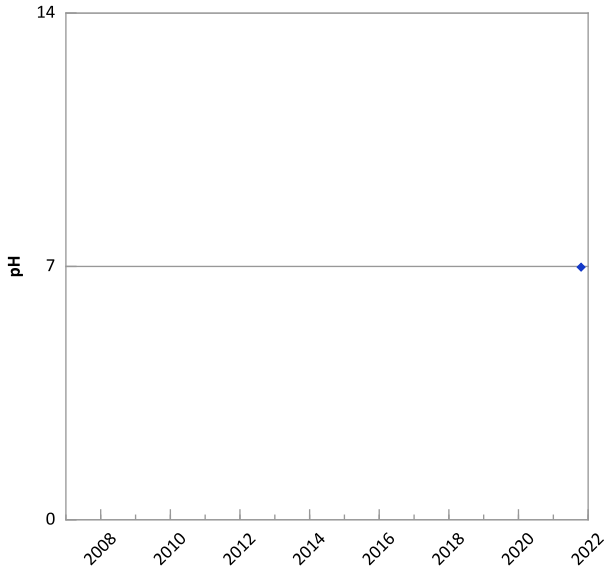
Well Location

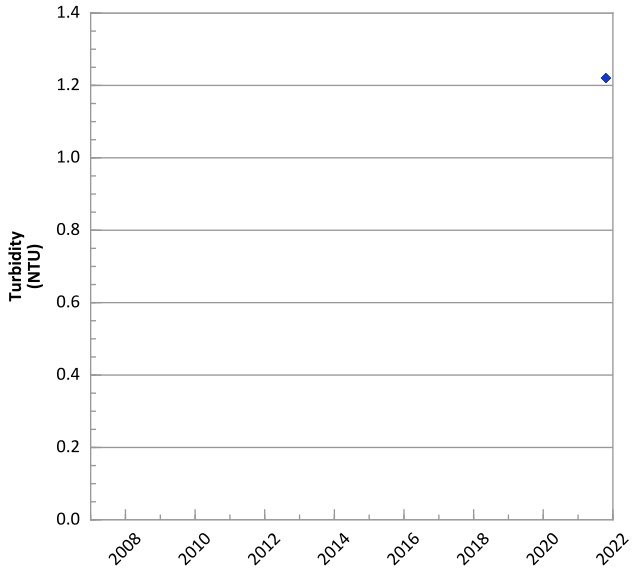


PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



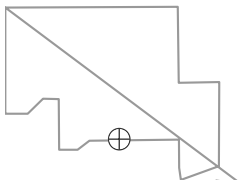






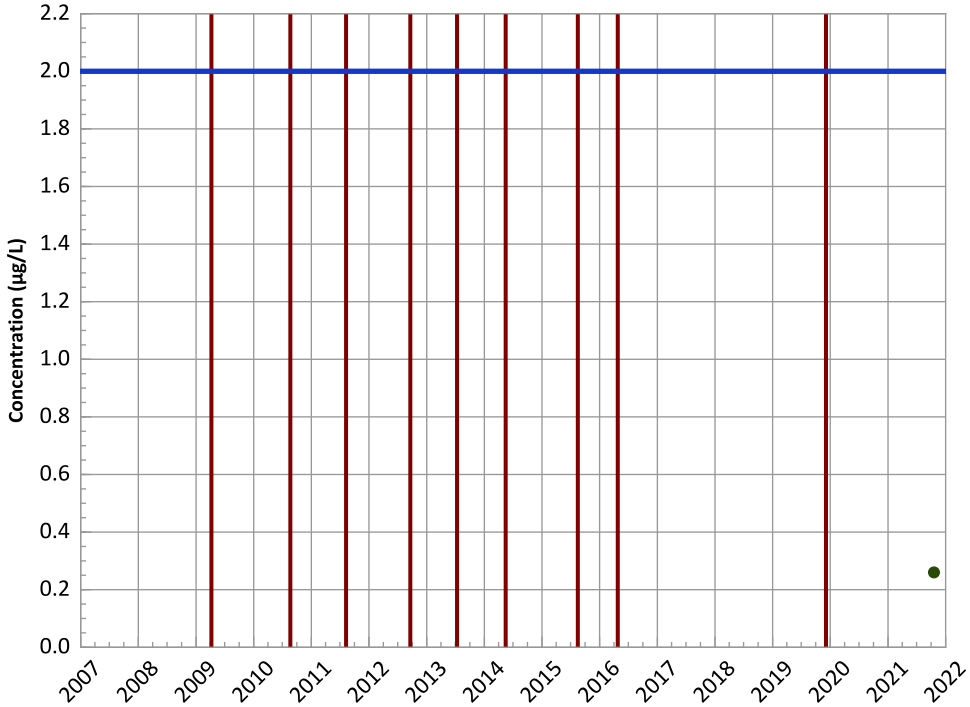
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

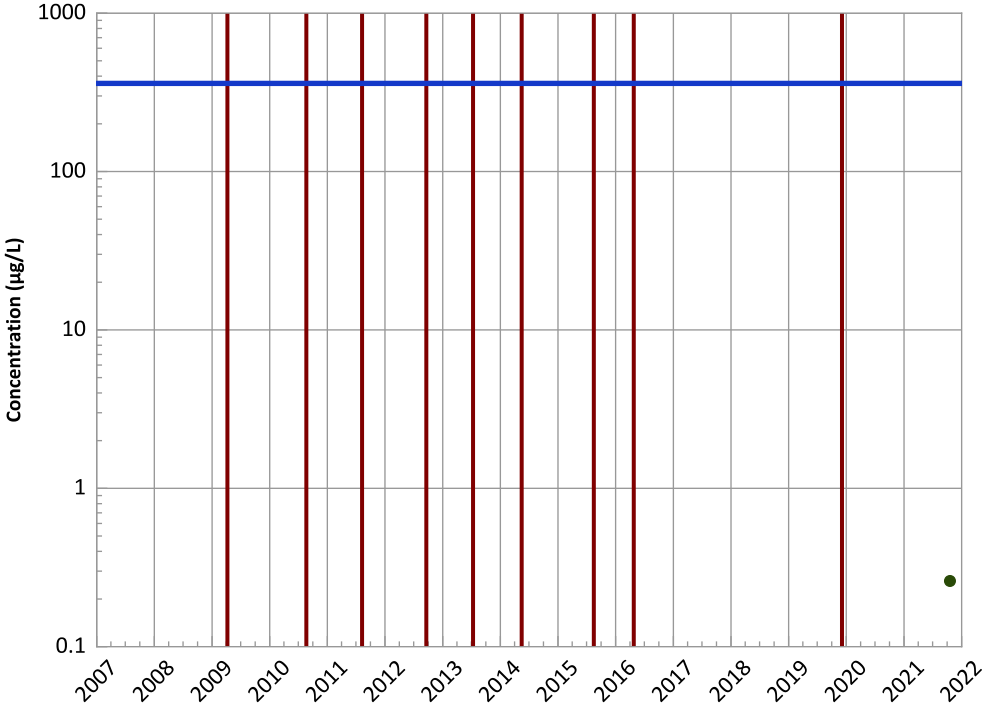


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

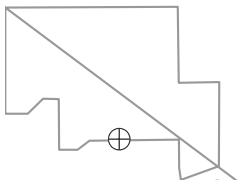
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

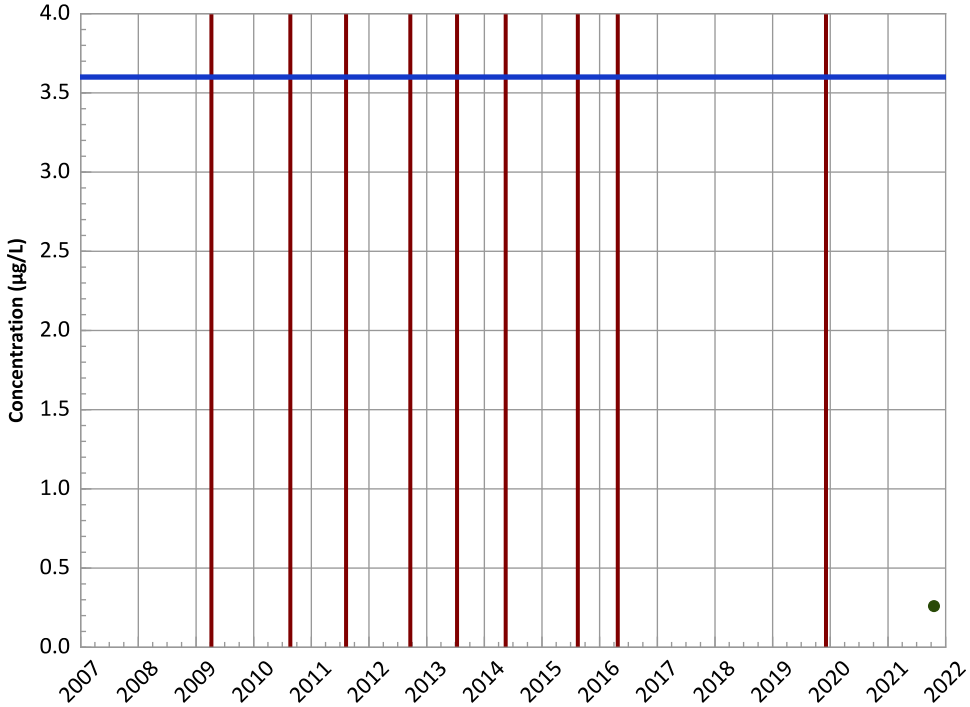
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

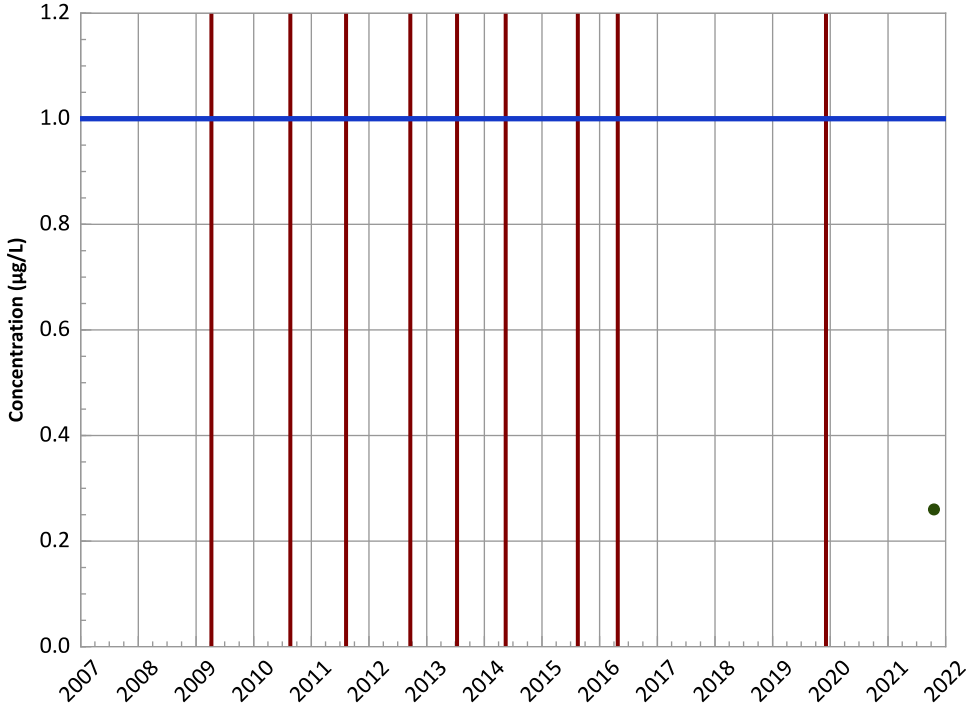


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

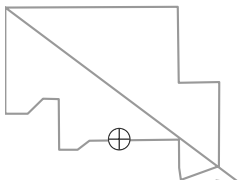
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

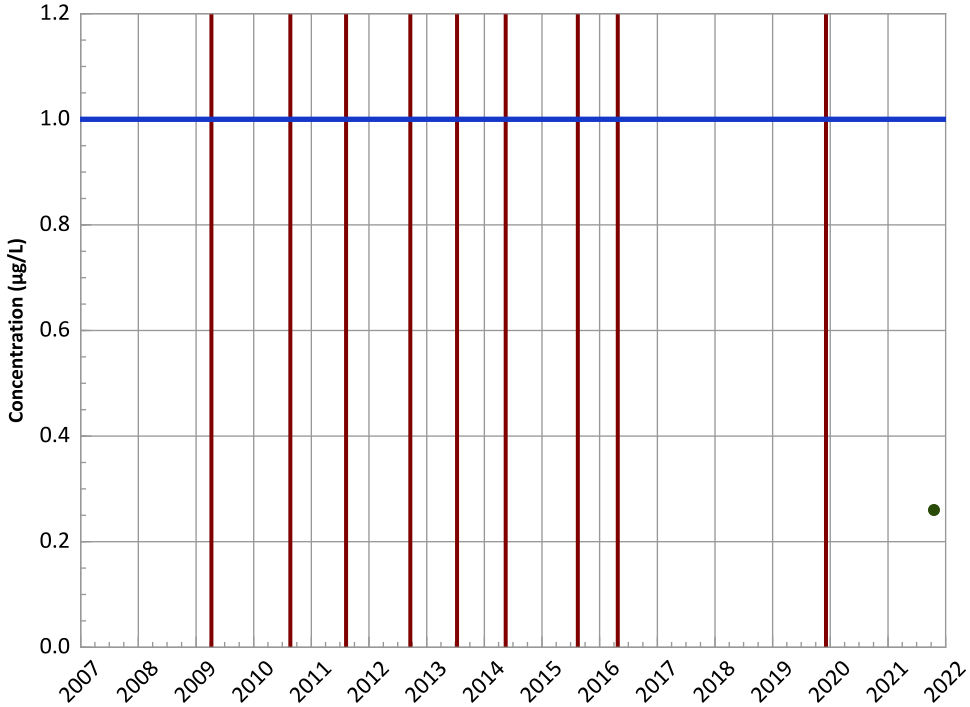
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

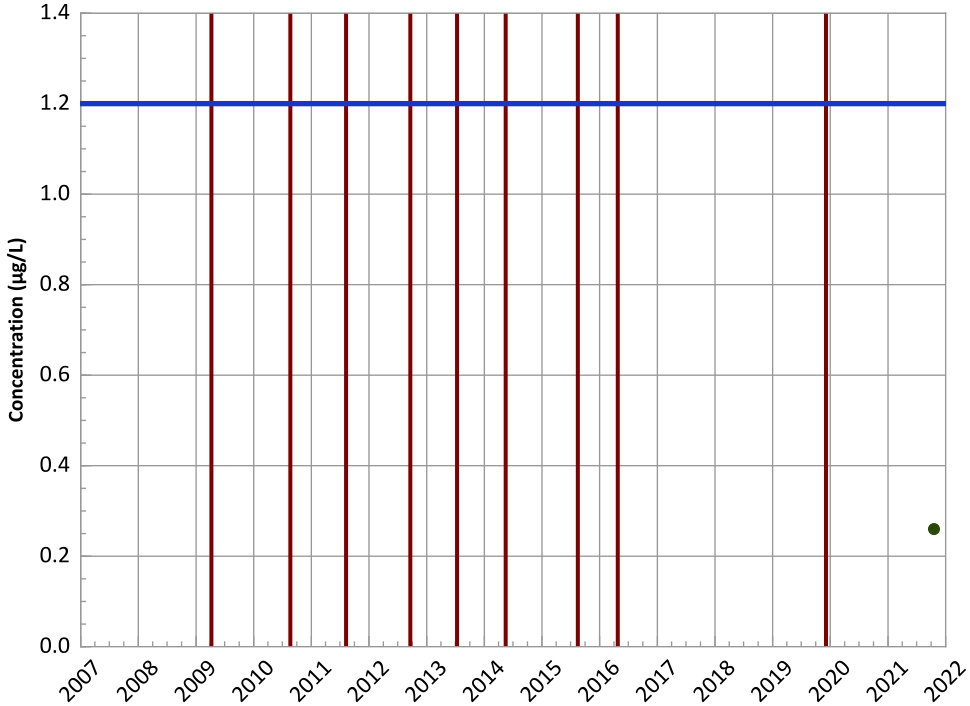


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

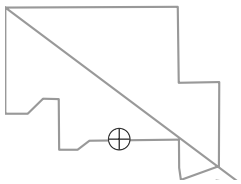
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

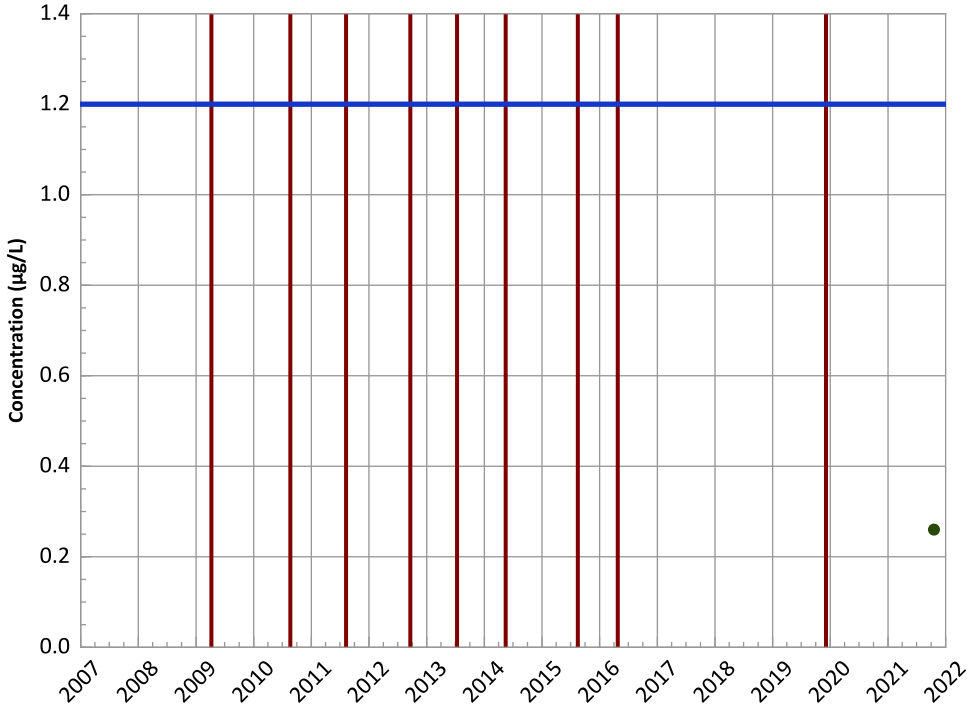
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

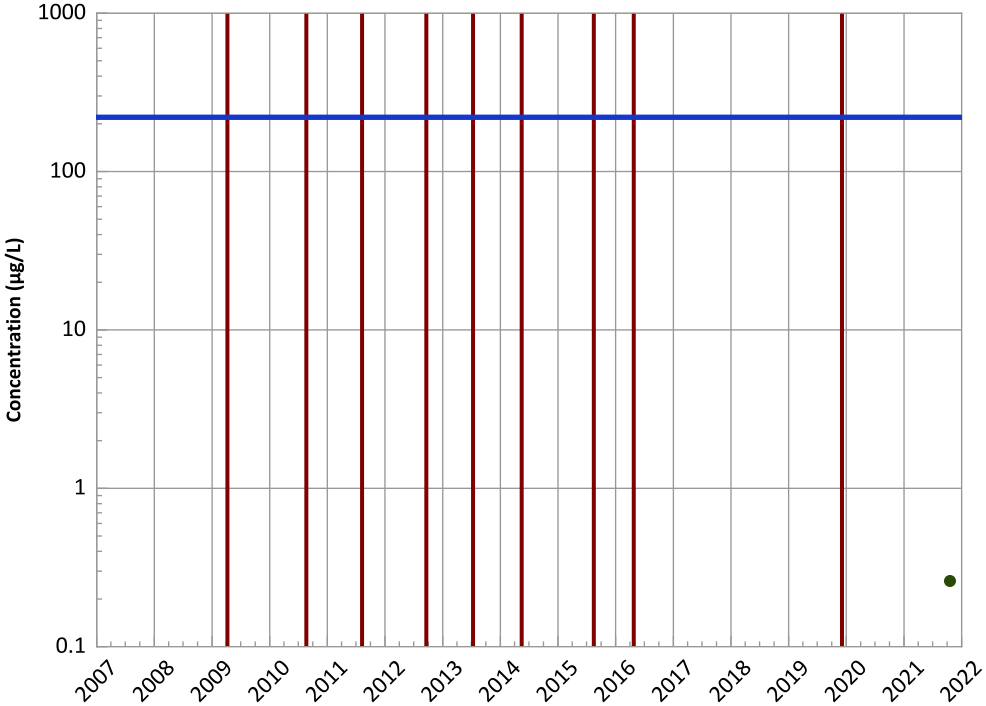


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

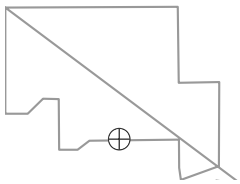
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

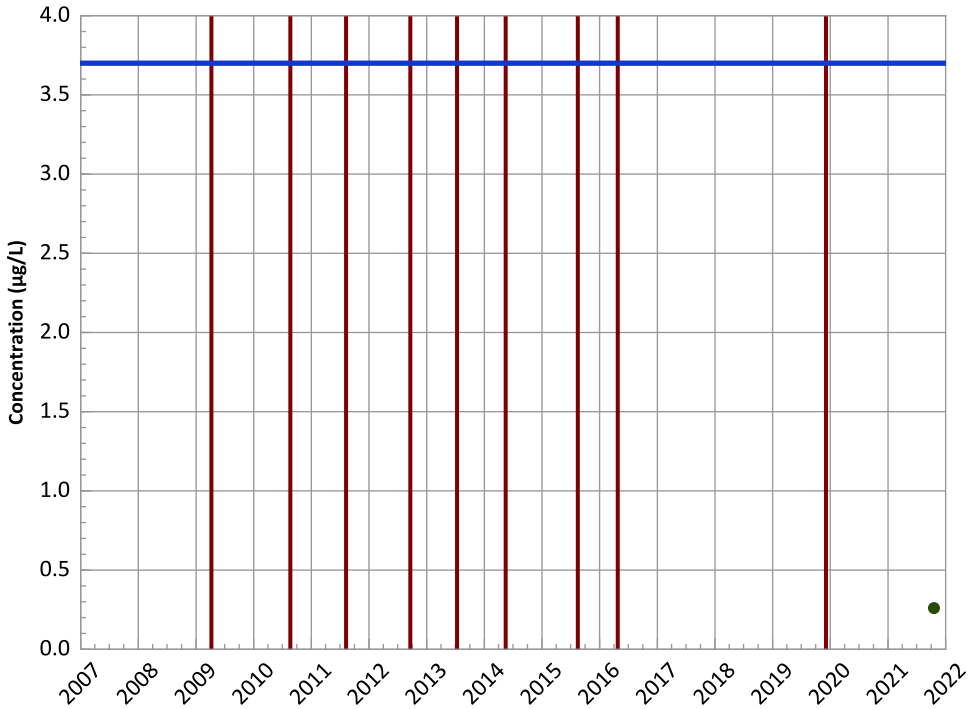
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

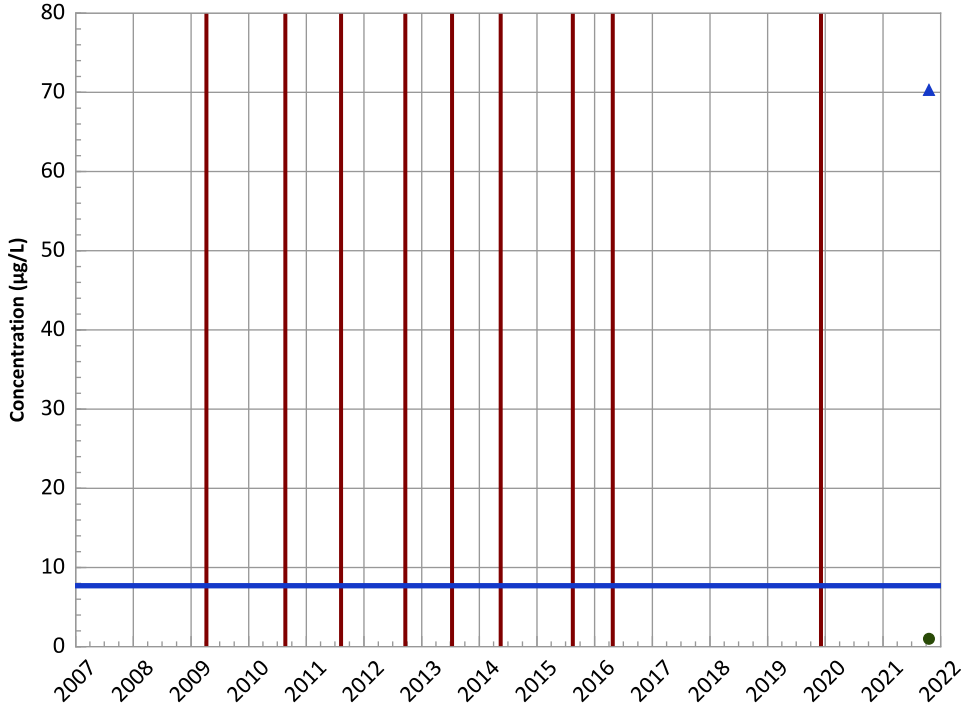


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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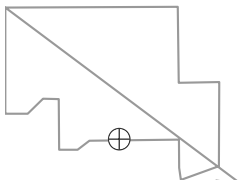
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

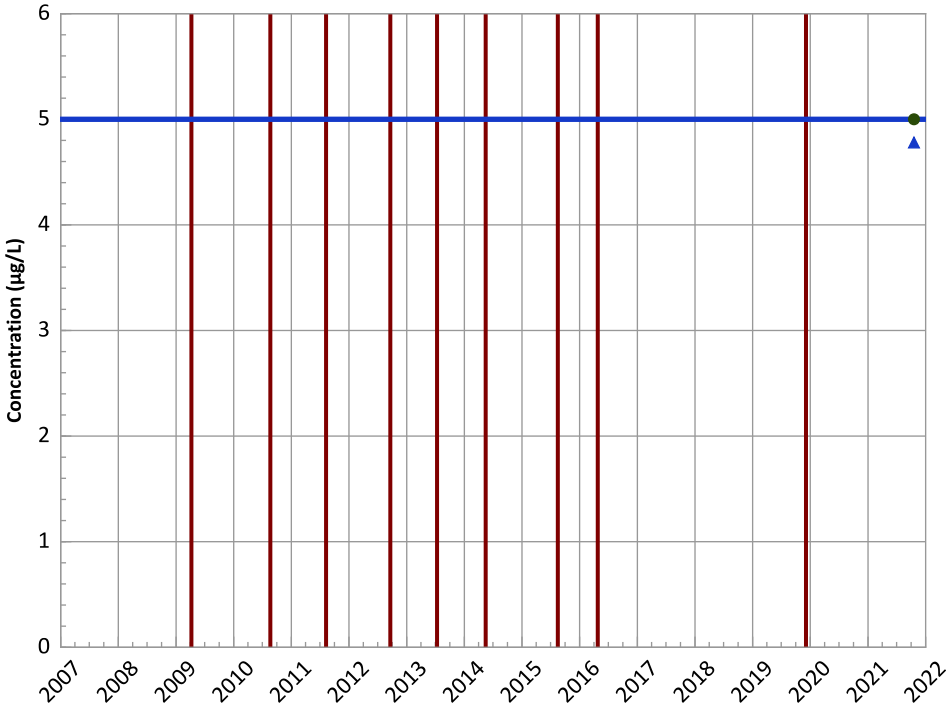
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

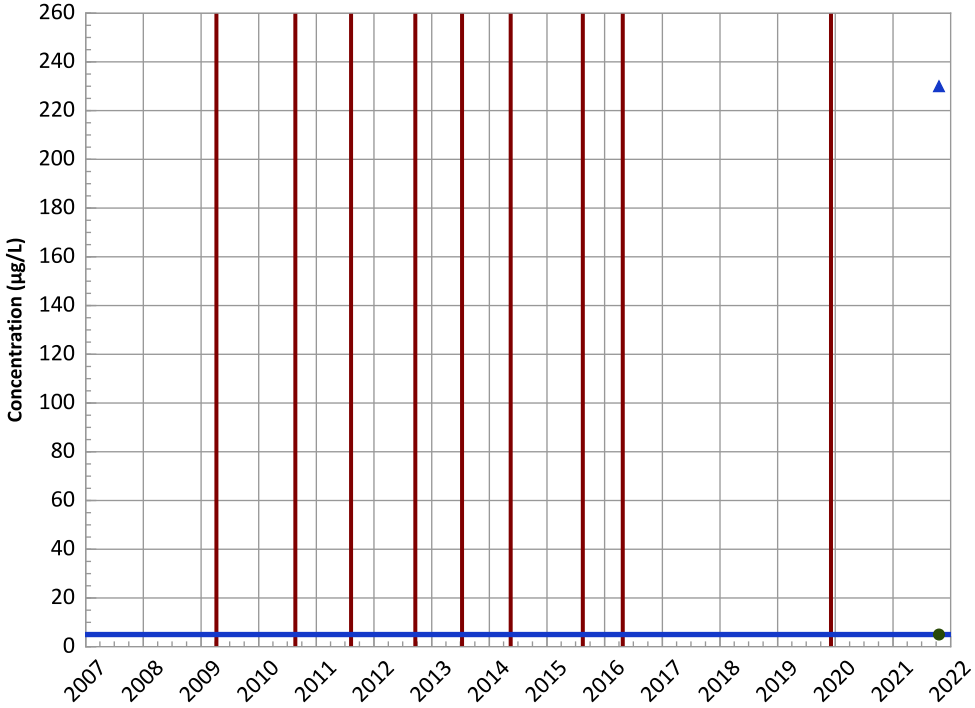


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
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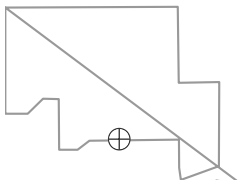
Analysis Date: 05/26/2022

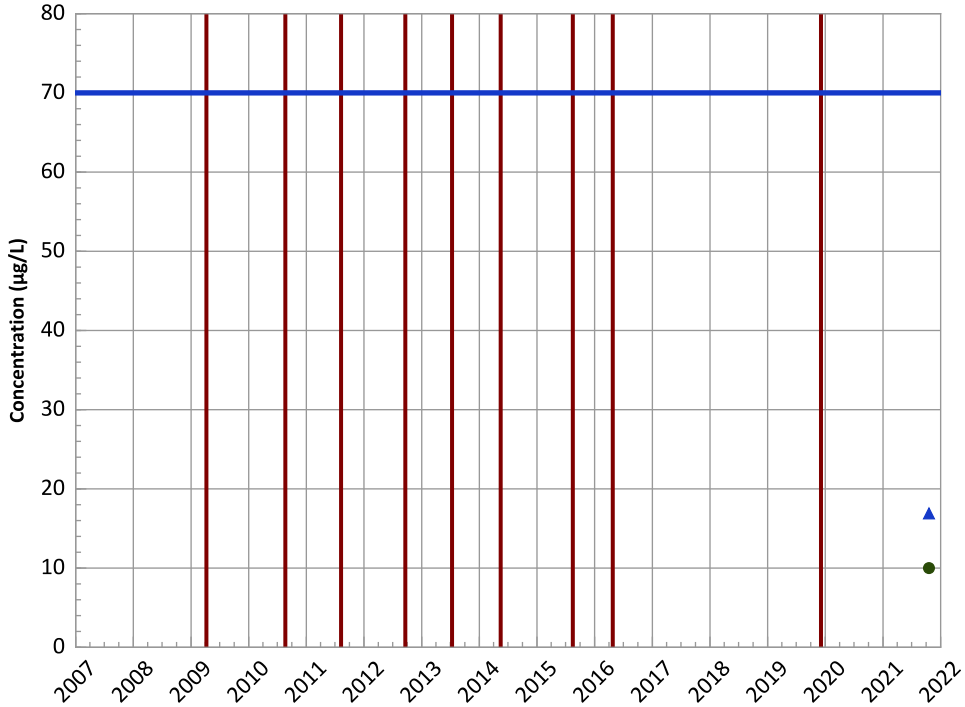
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
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MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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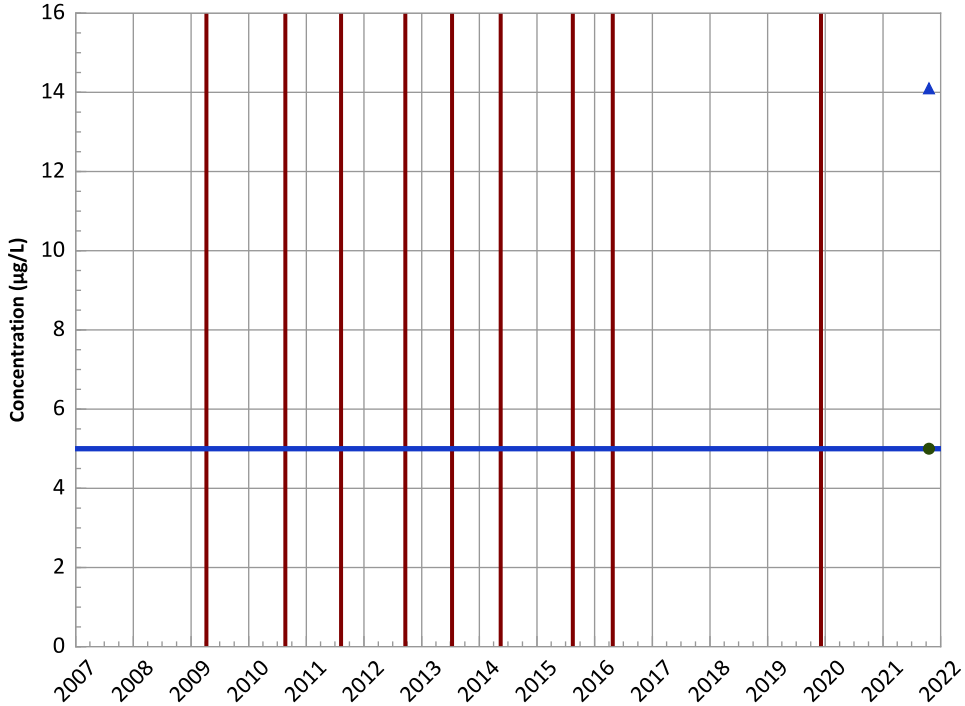
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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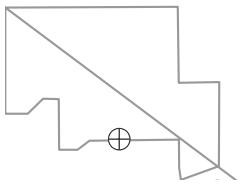
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

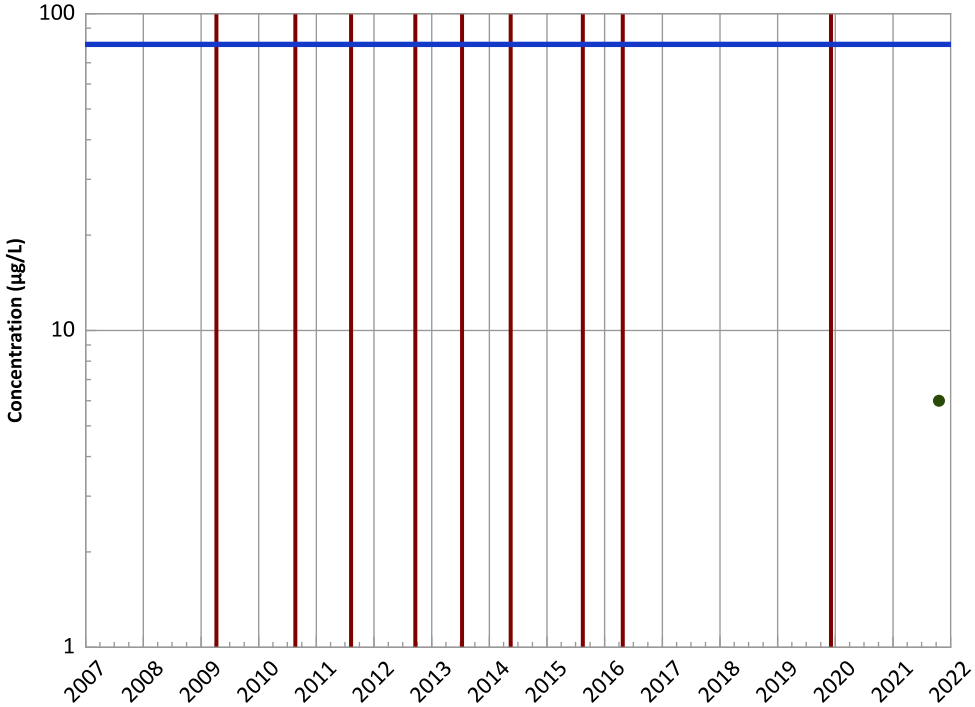
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

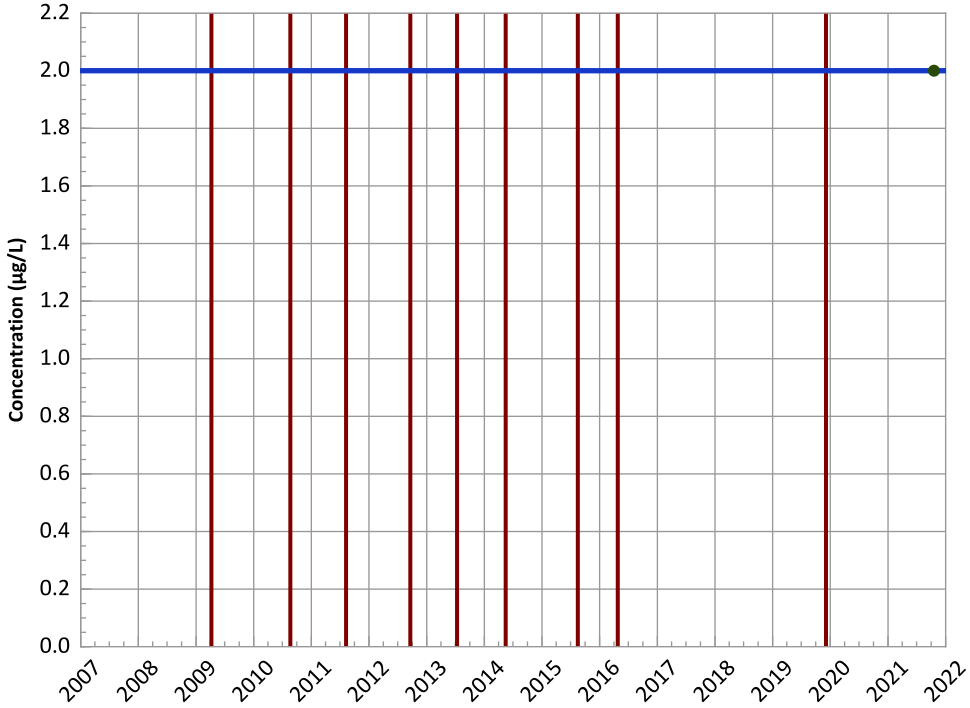


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

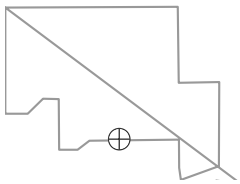
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

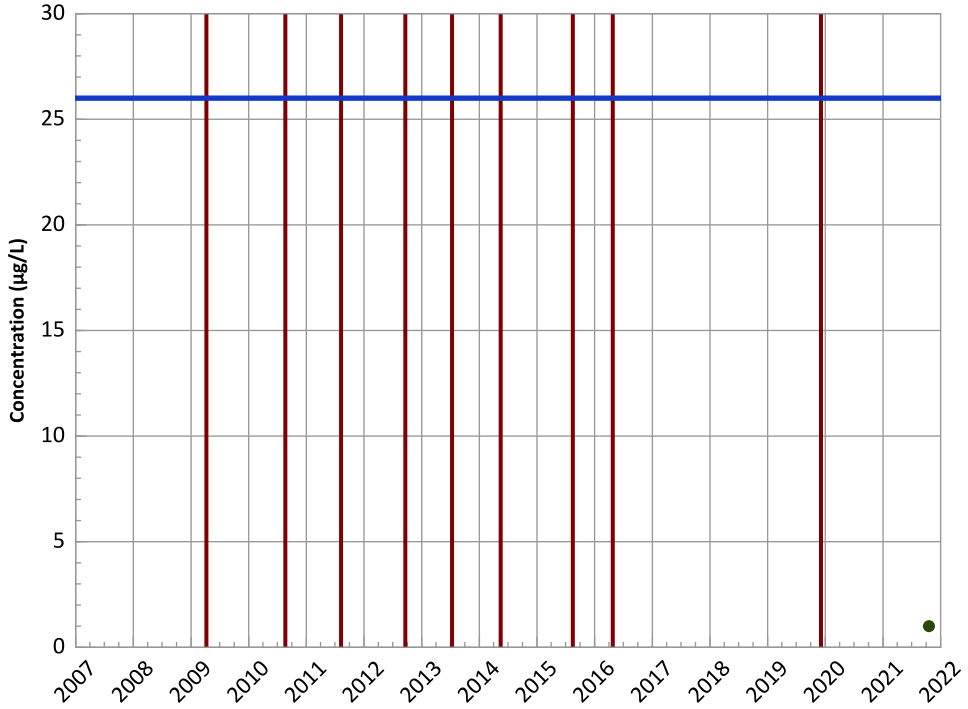
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

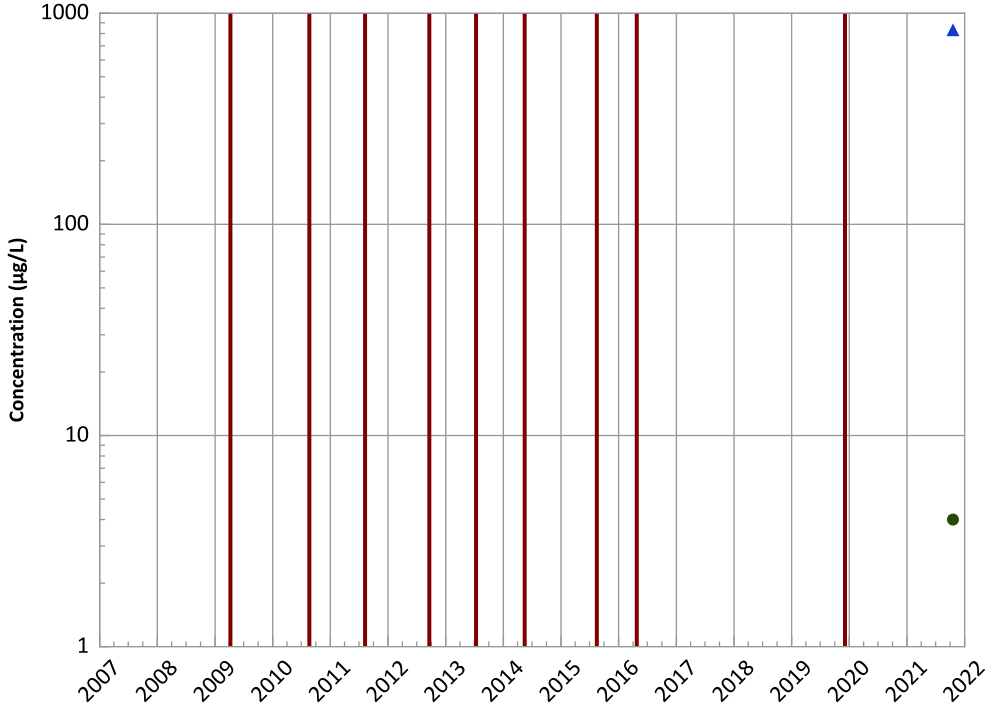


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

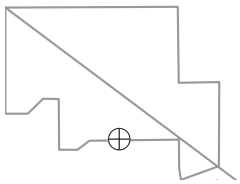
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

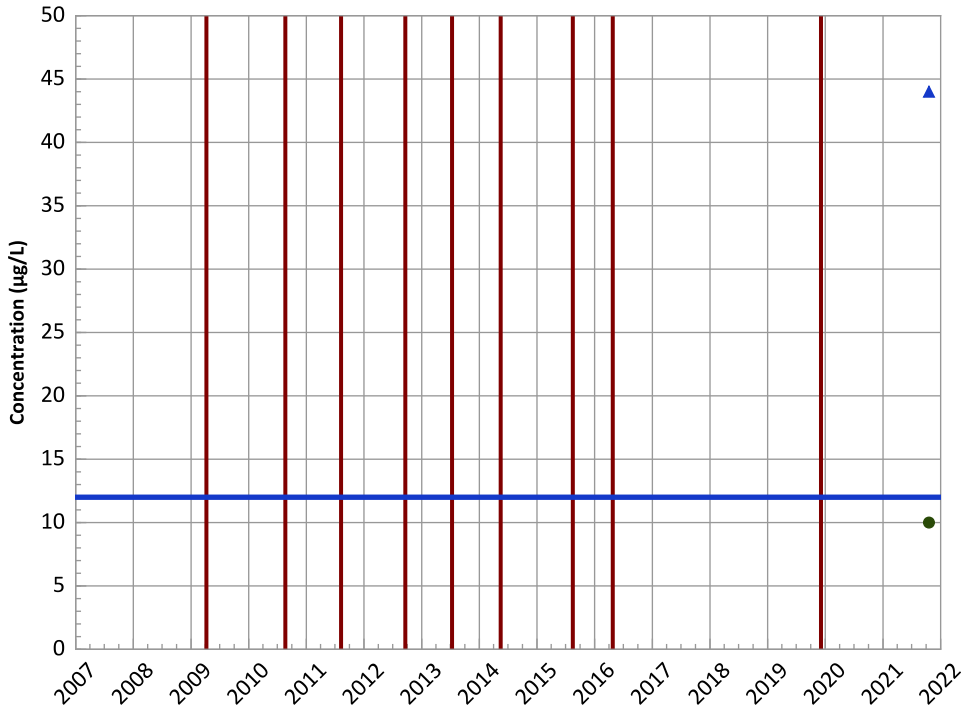
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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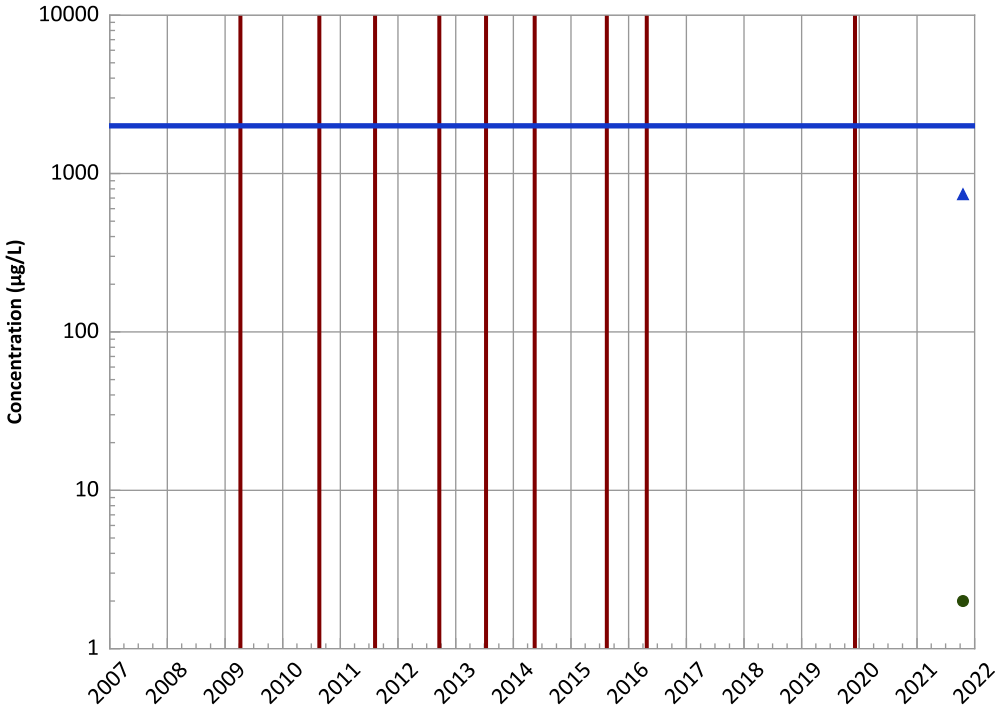
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

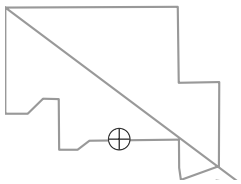
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

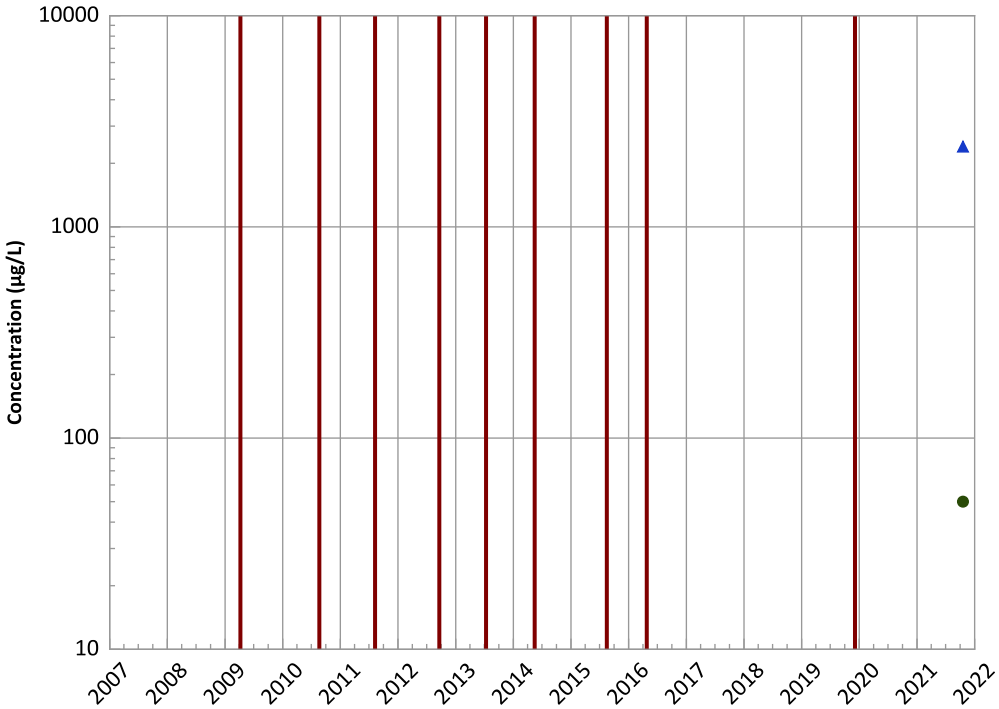
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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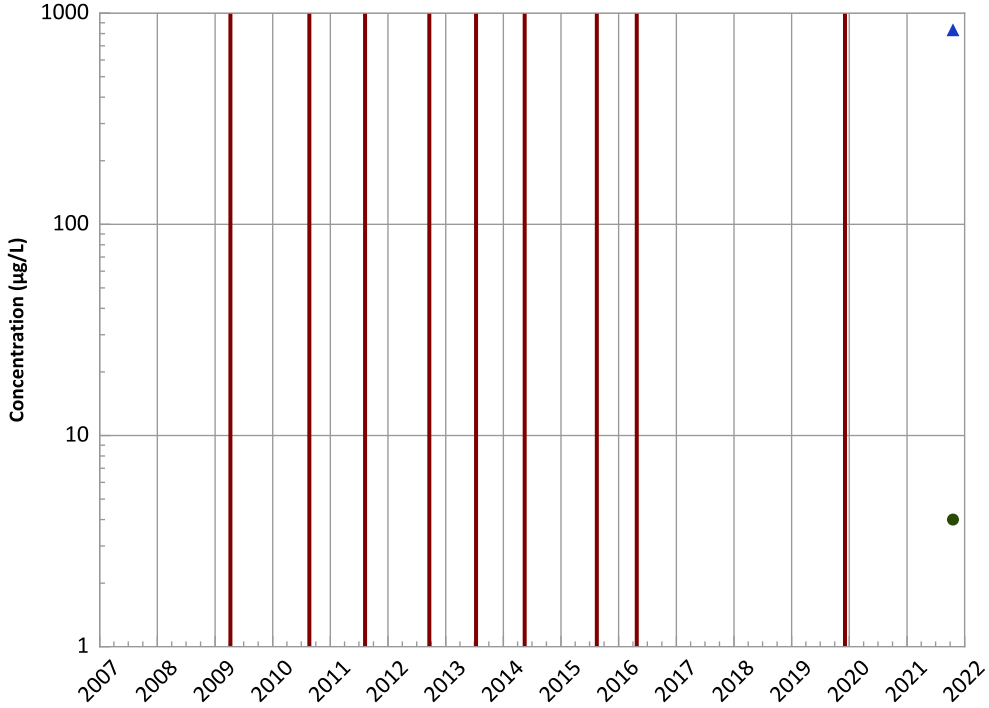
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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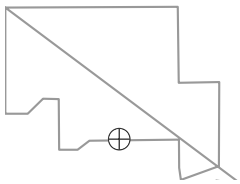
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/19/2021 to 10/19/2021
Analysis Date: 05/26/2022

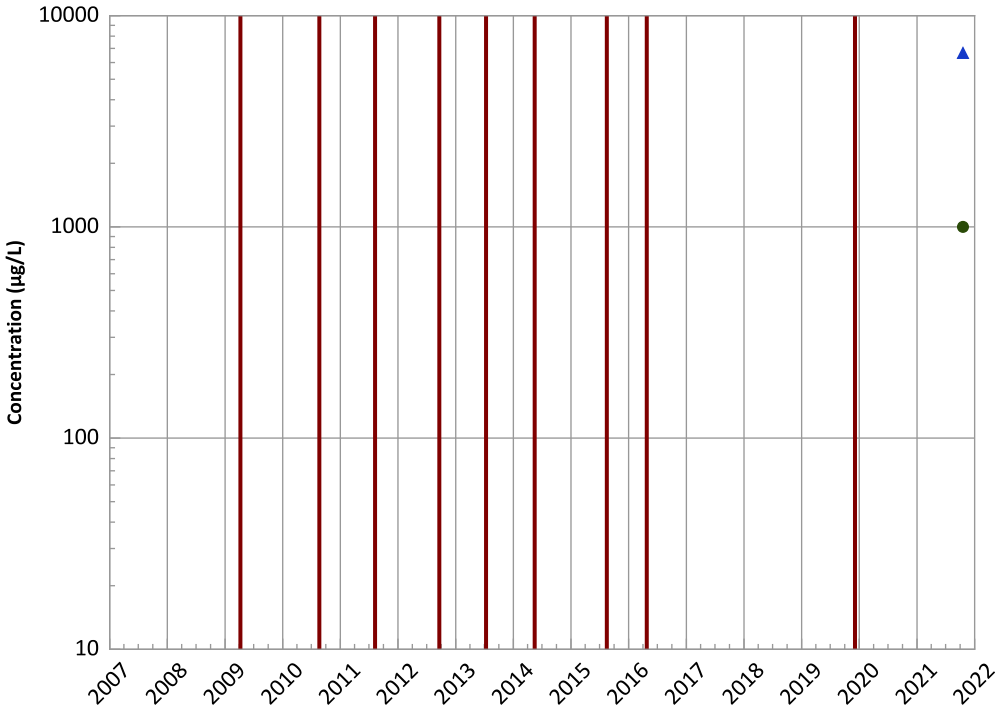
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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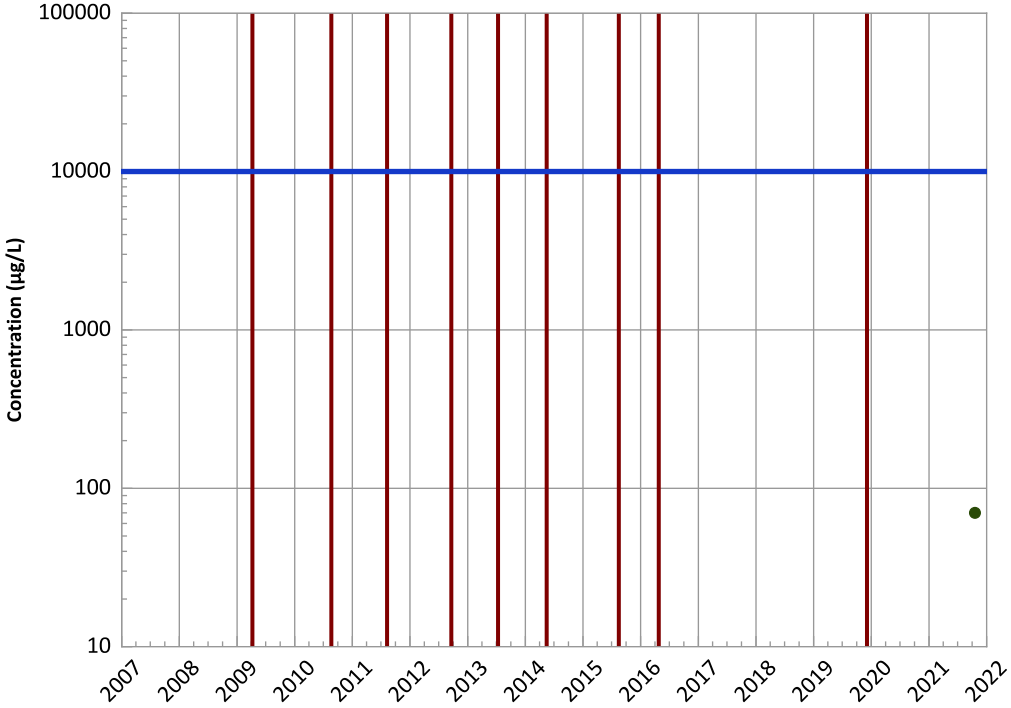
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
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Analysis Date: 05/26/2022

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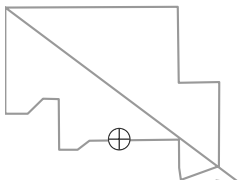
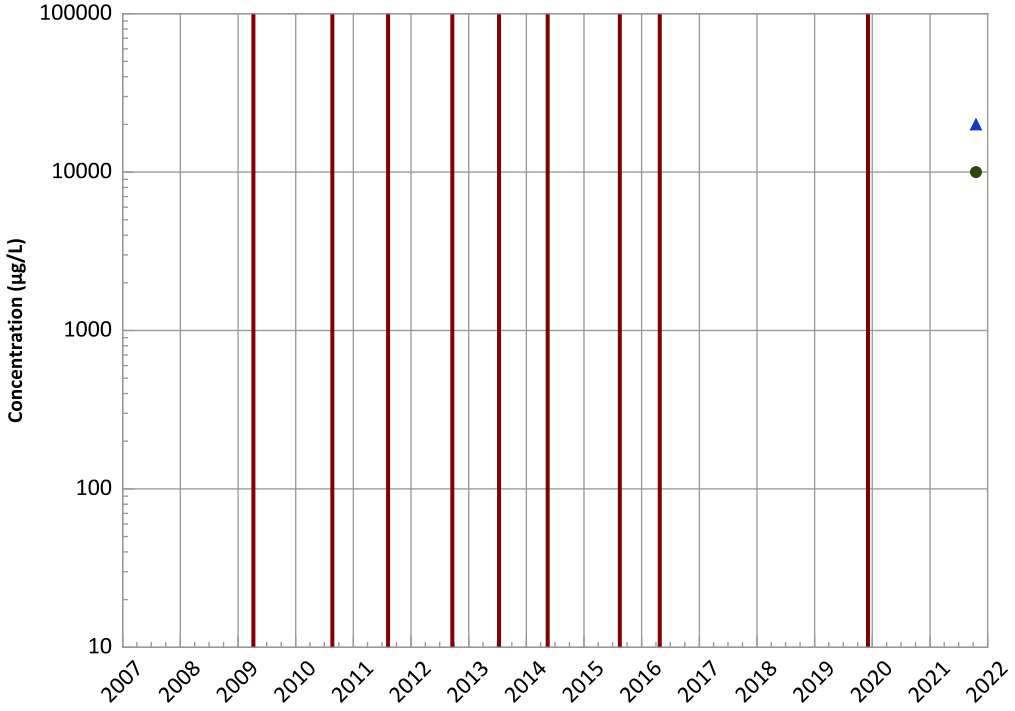
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1210 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

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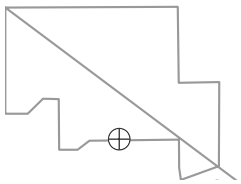
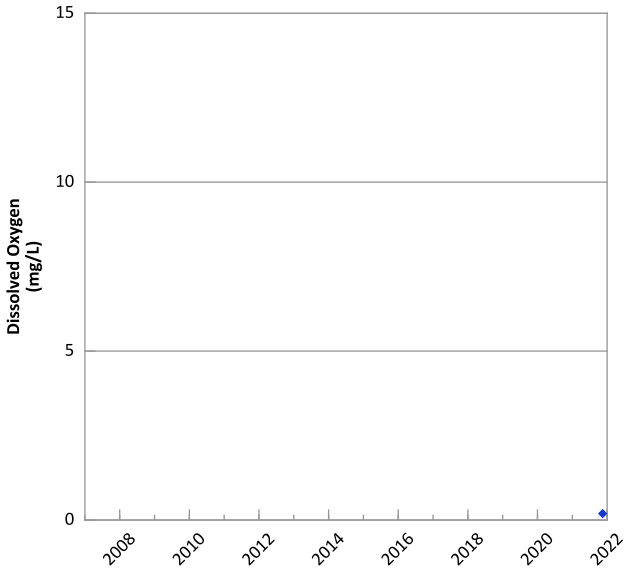
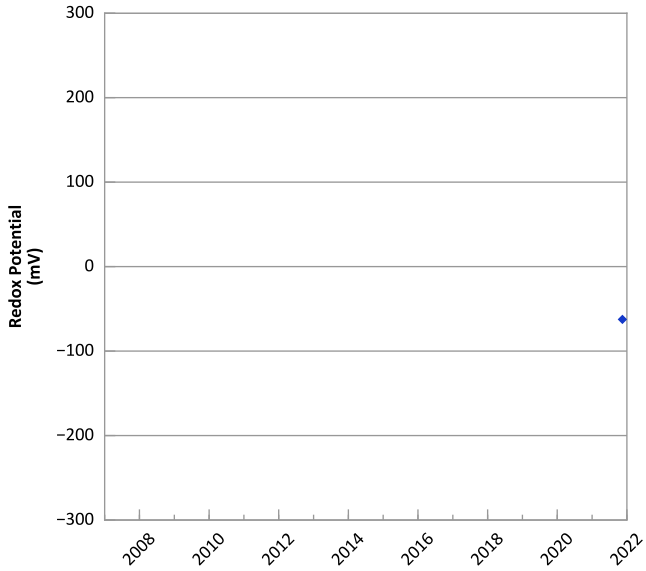
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

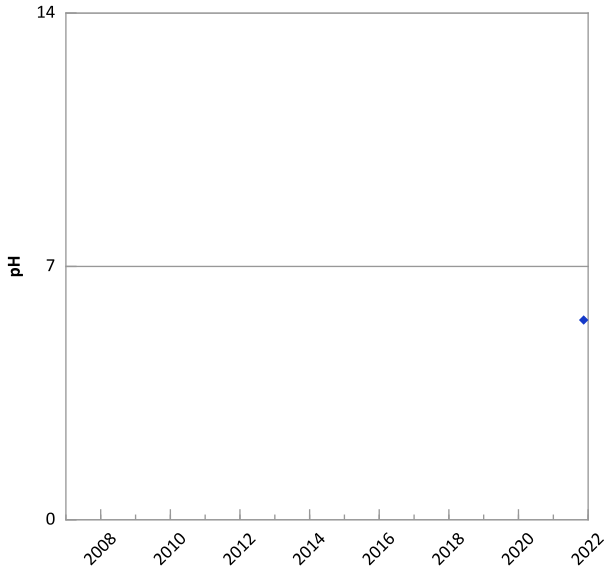
Well Location

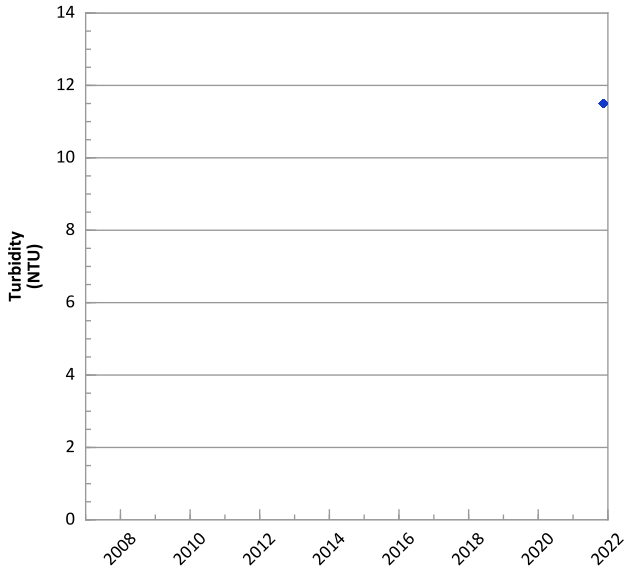


PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



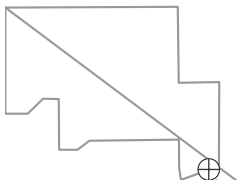






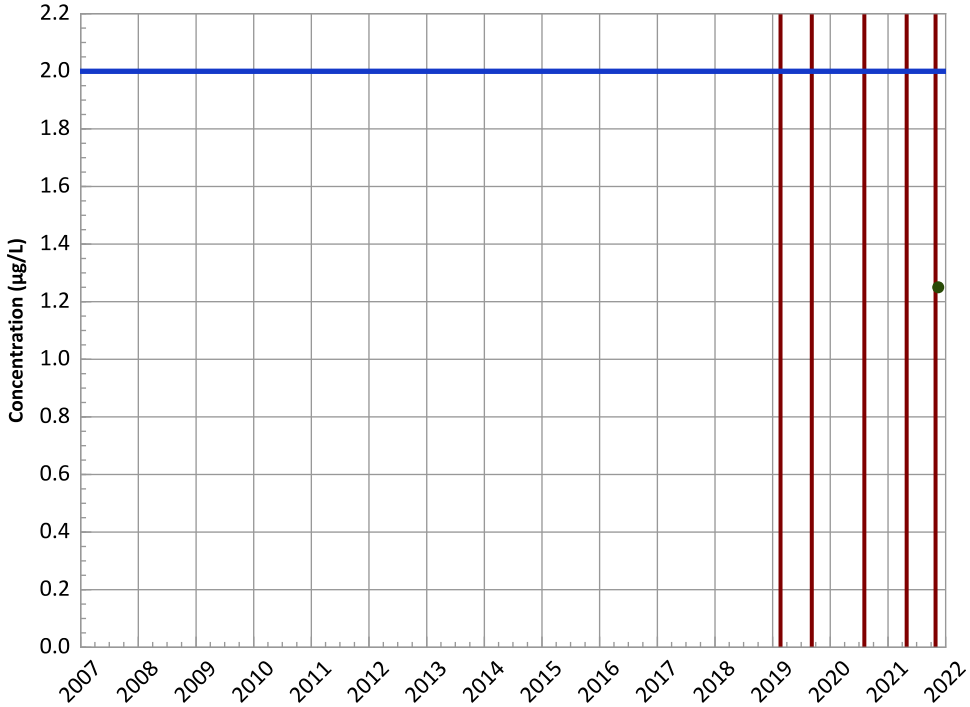
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

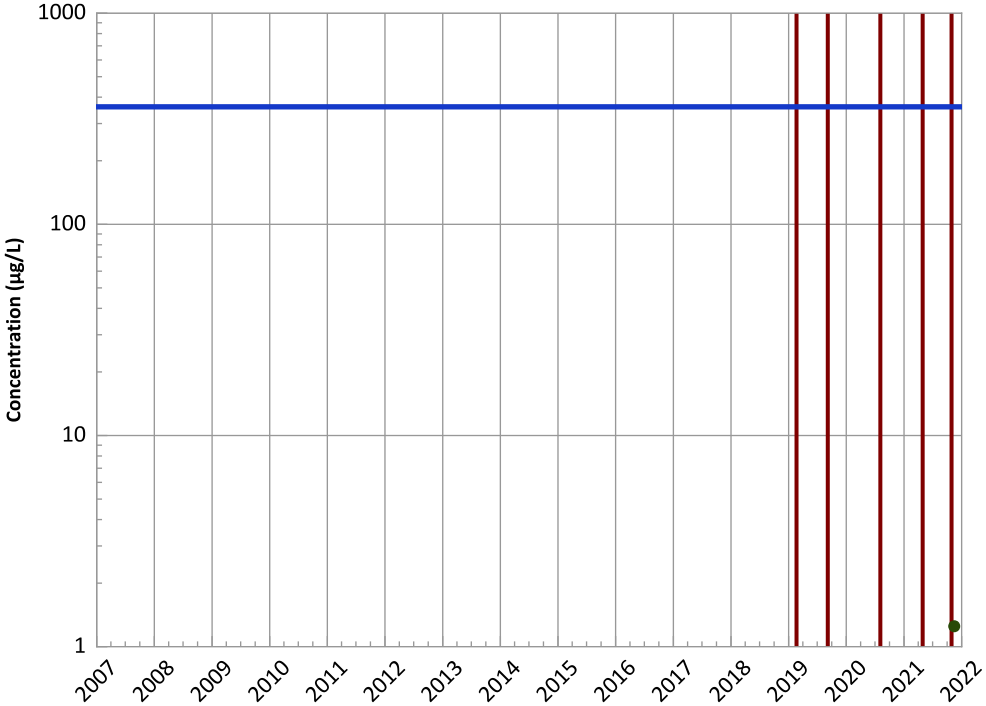


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

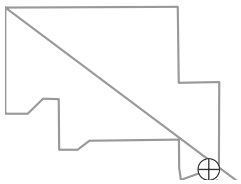
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

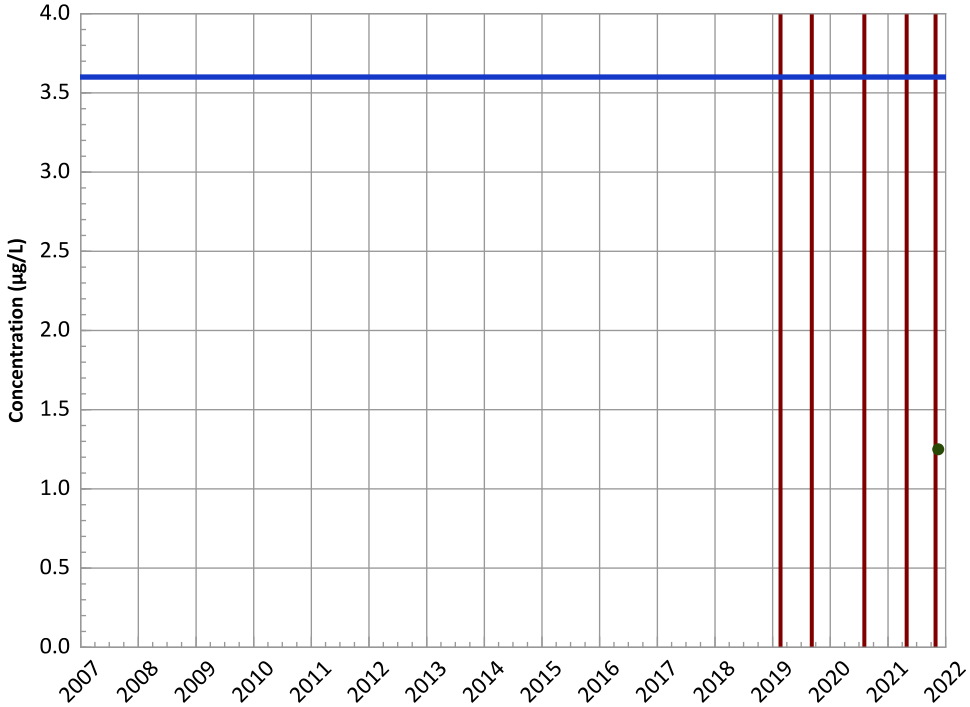
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

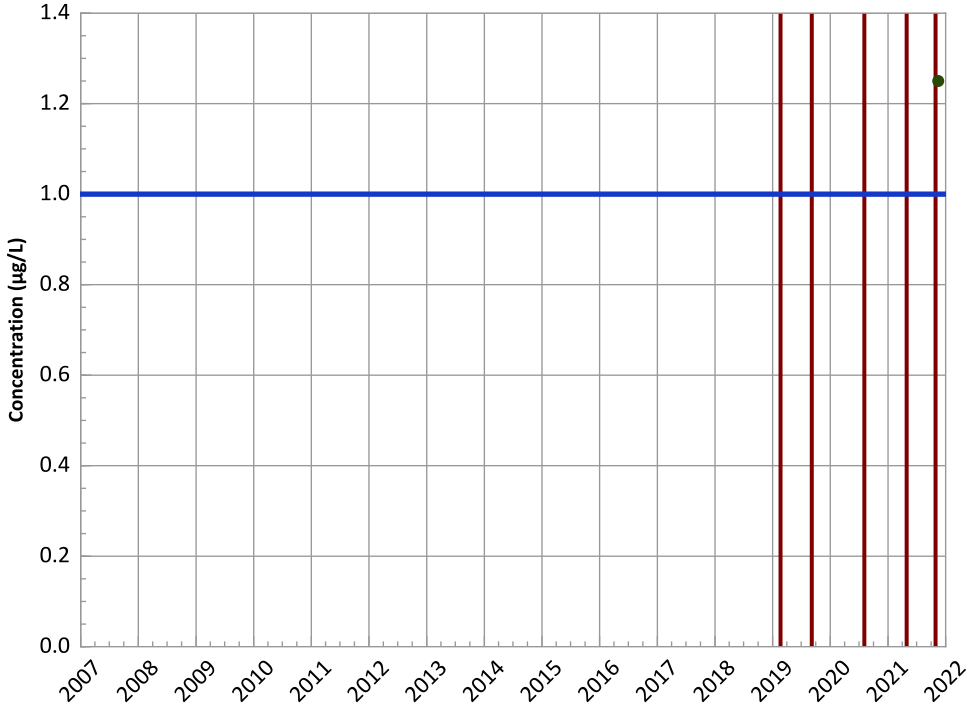


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

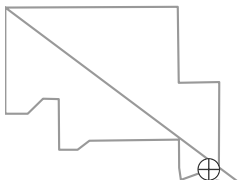
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

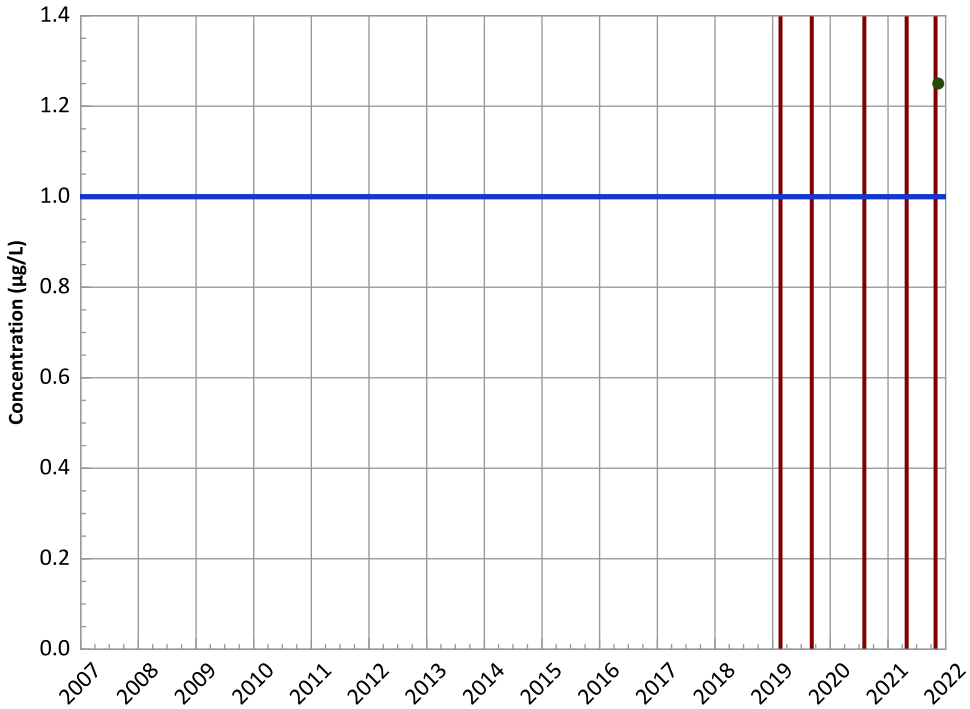
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

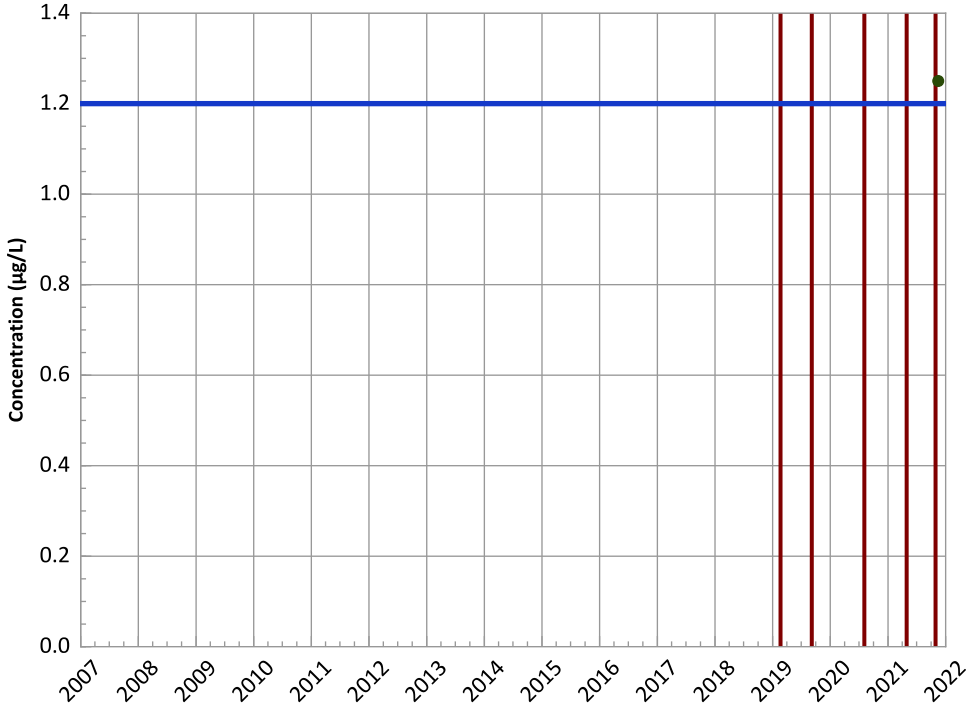


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

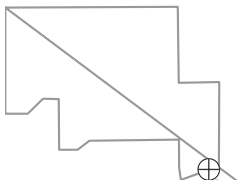
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

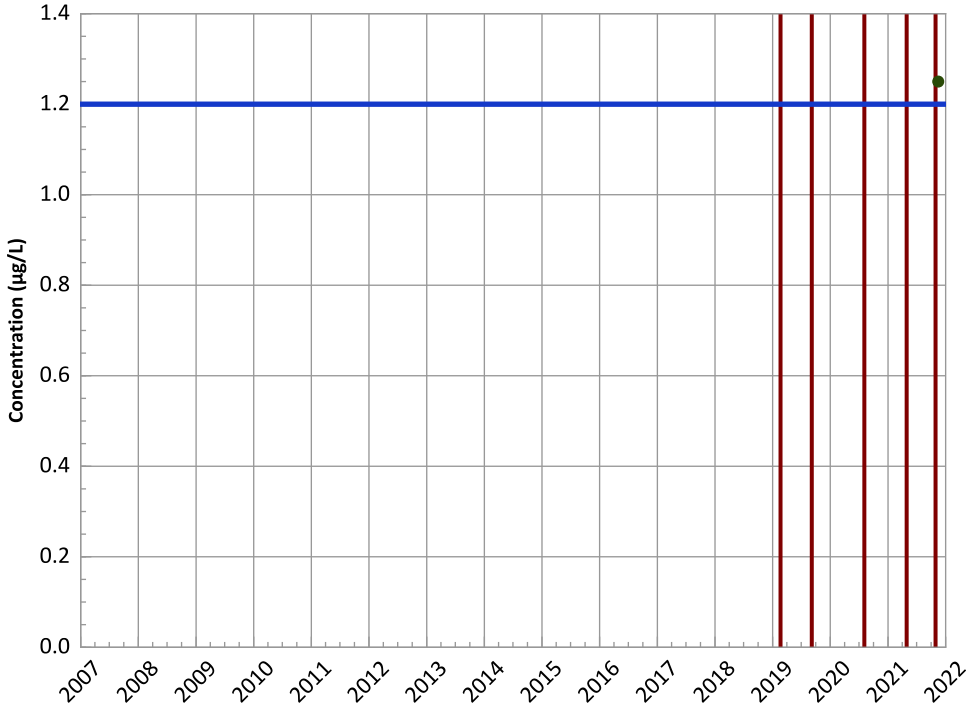
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

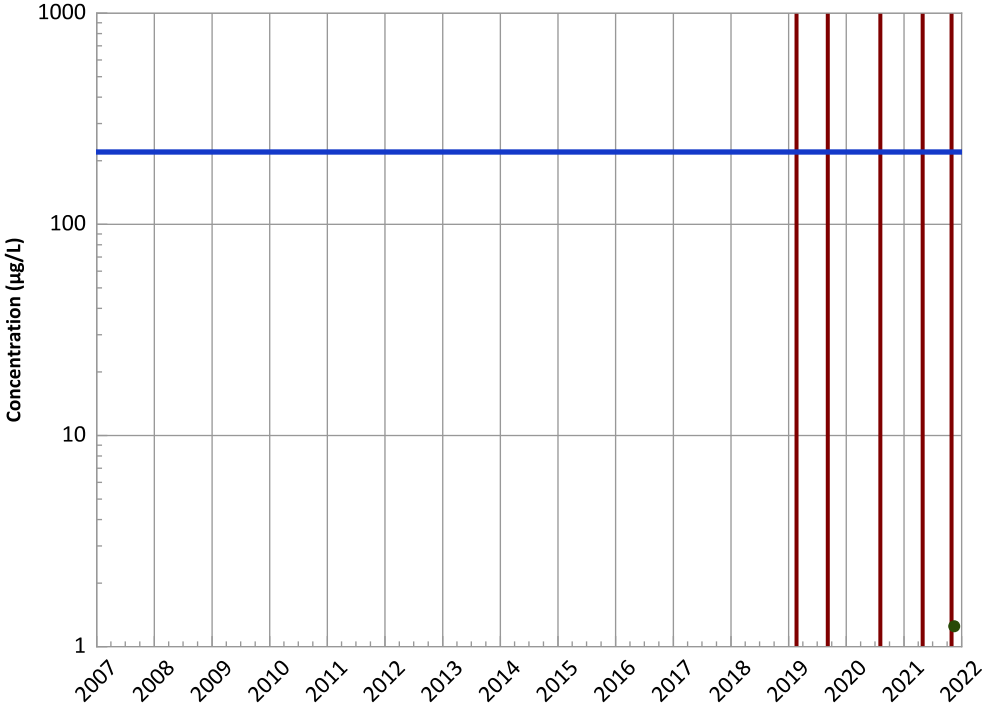


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

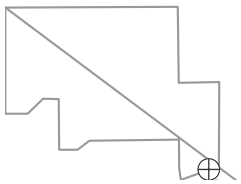
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

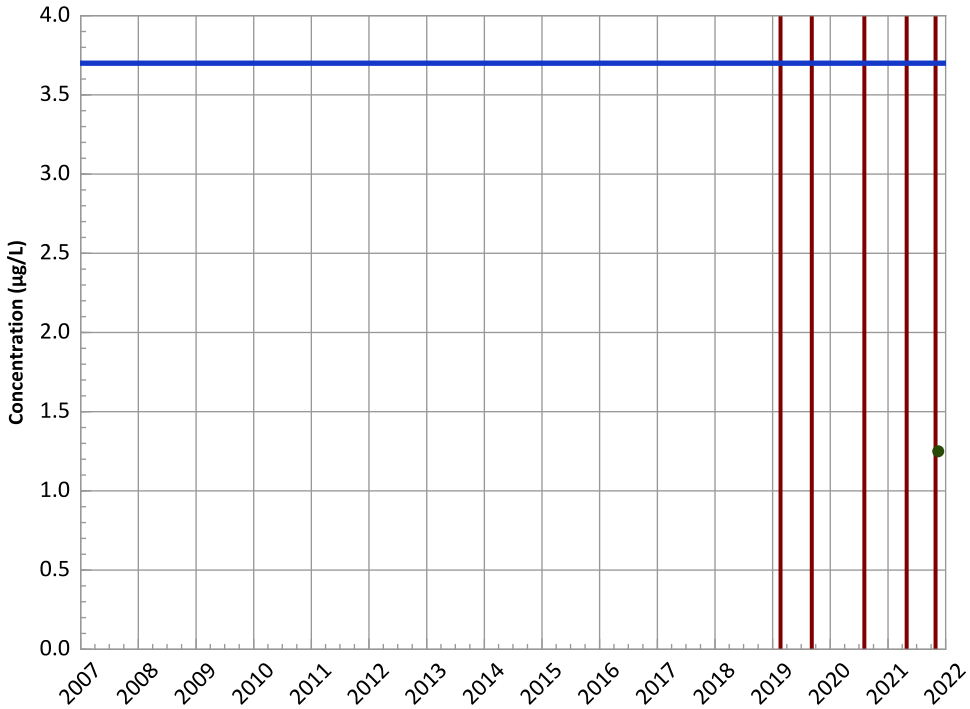
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

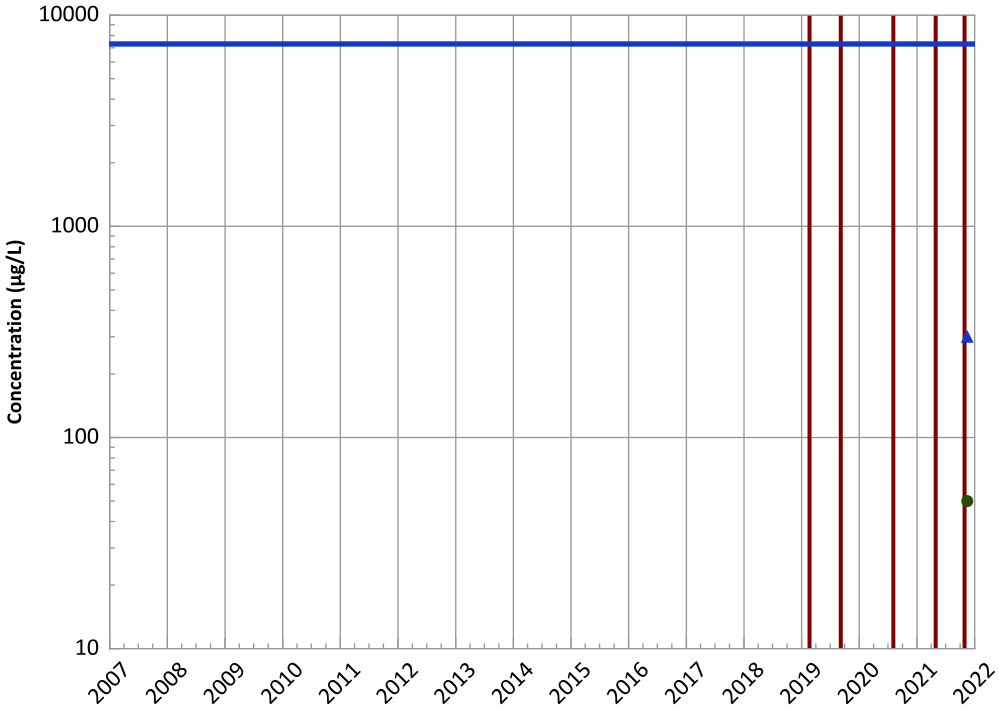


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

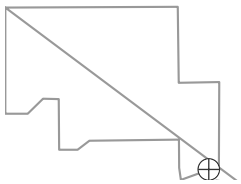
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

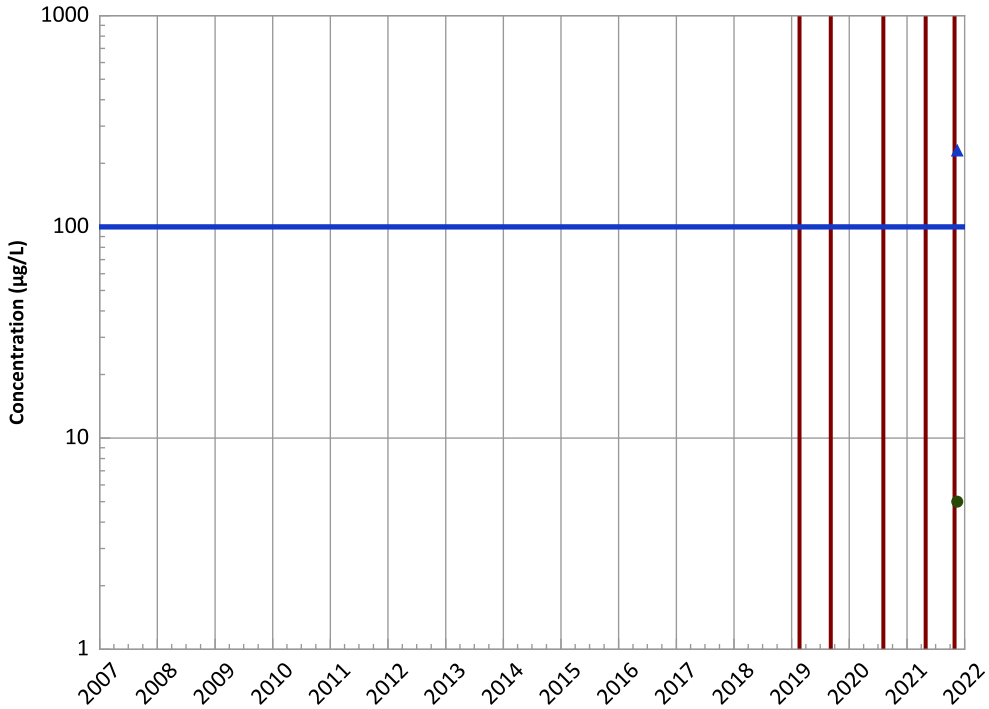
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
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MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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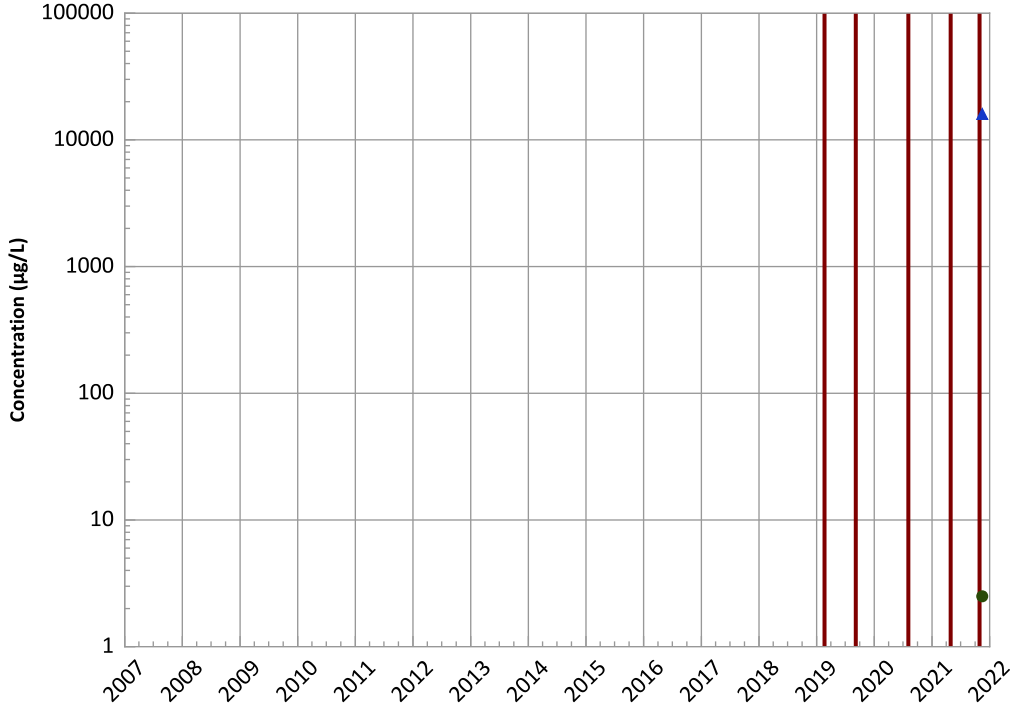
Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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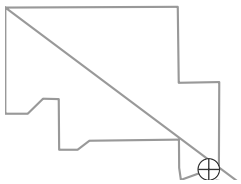
MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

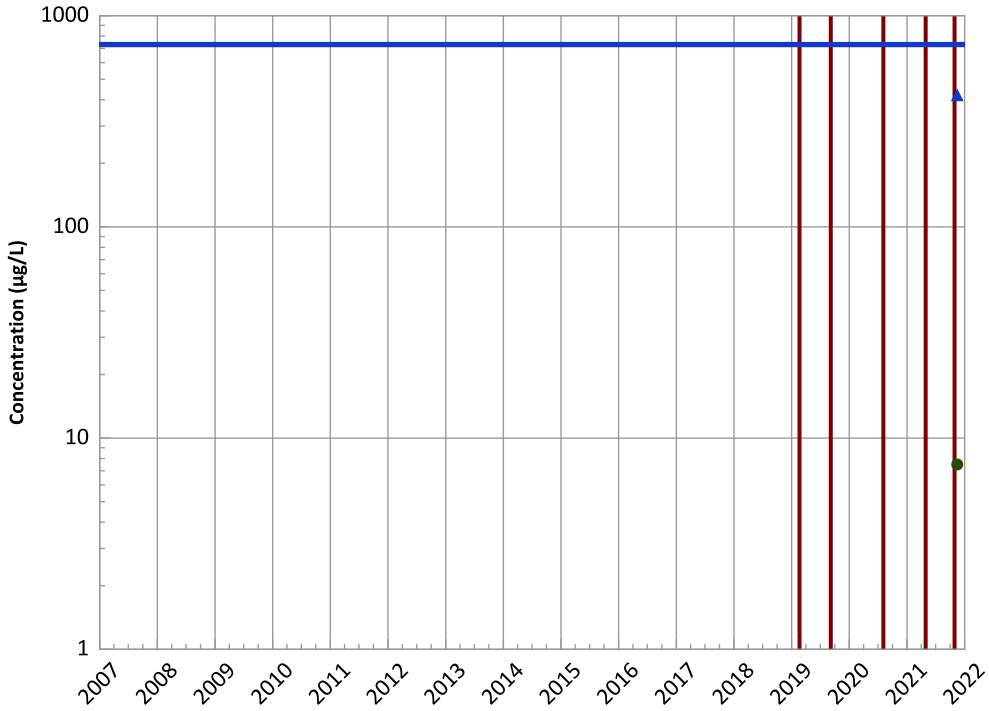
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
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MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
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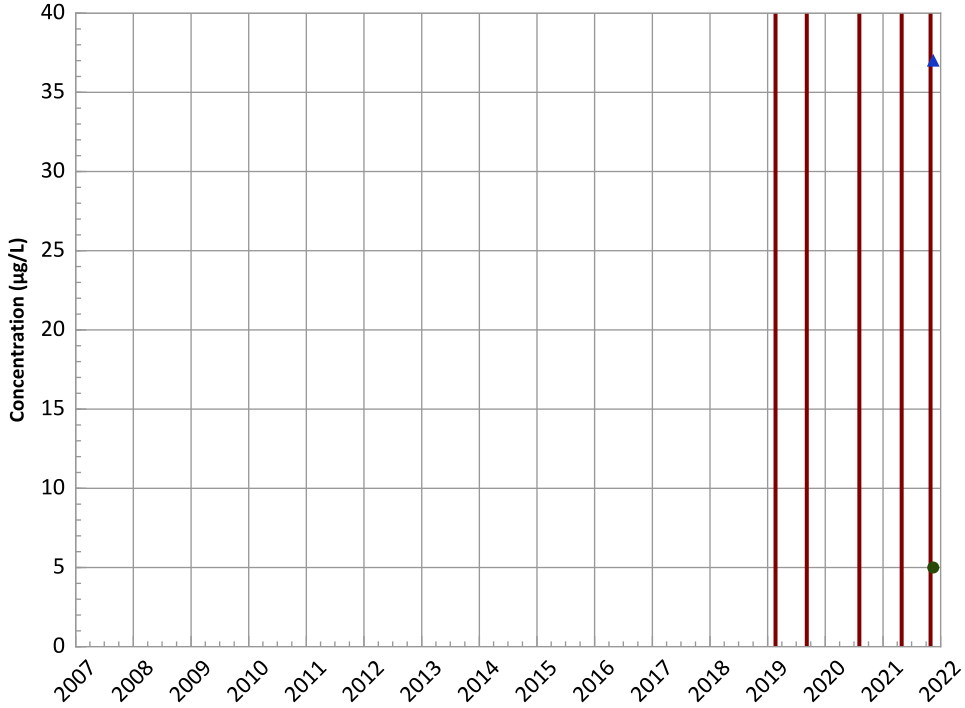
Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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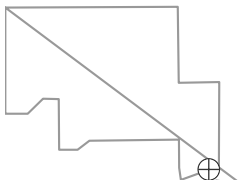
MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

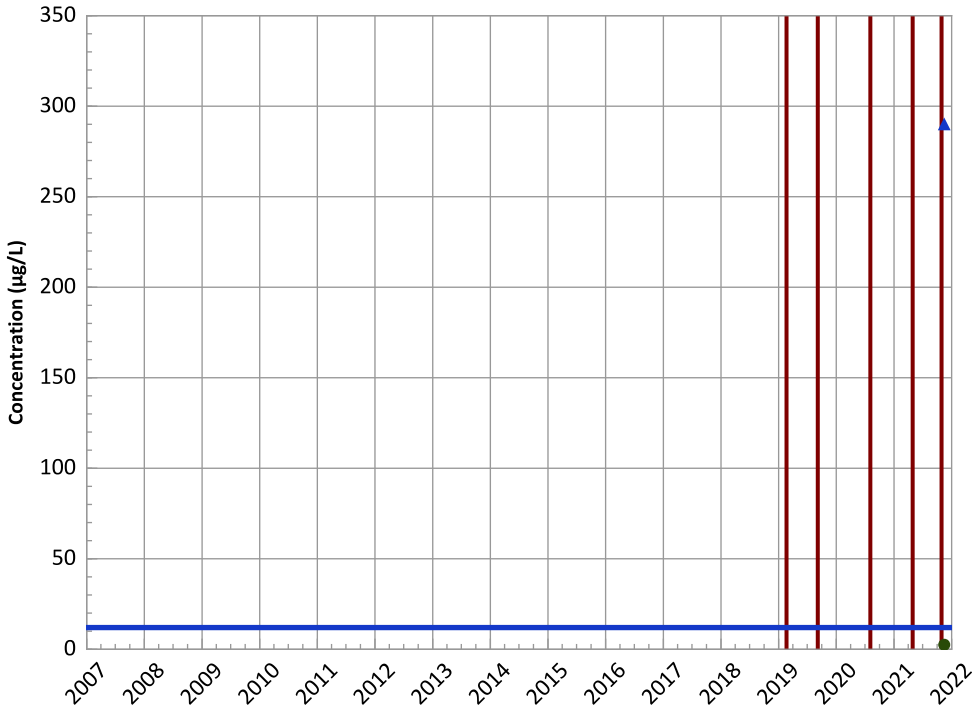
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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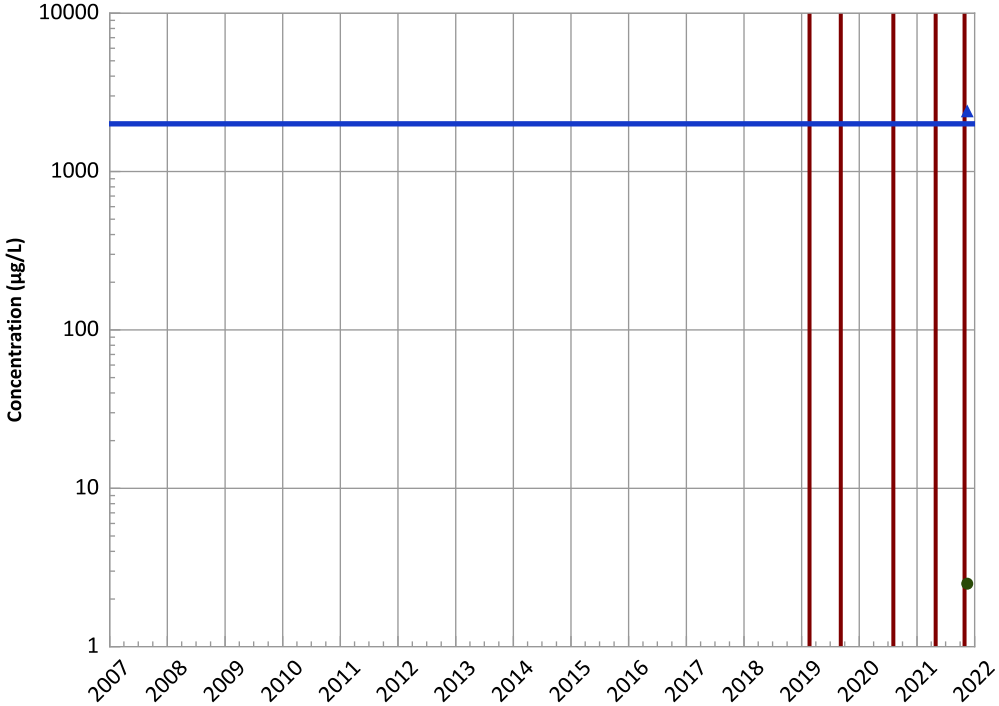
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

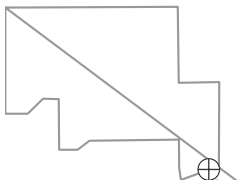
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

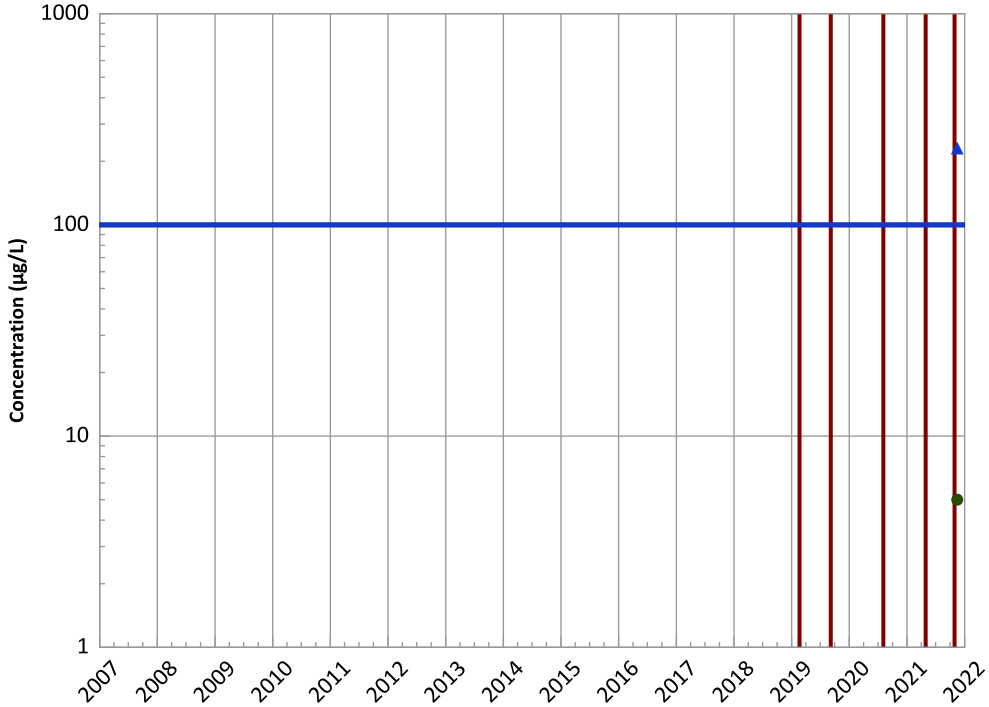
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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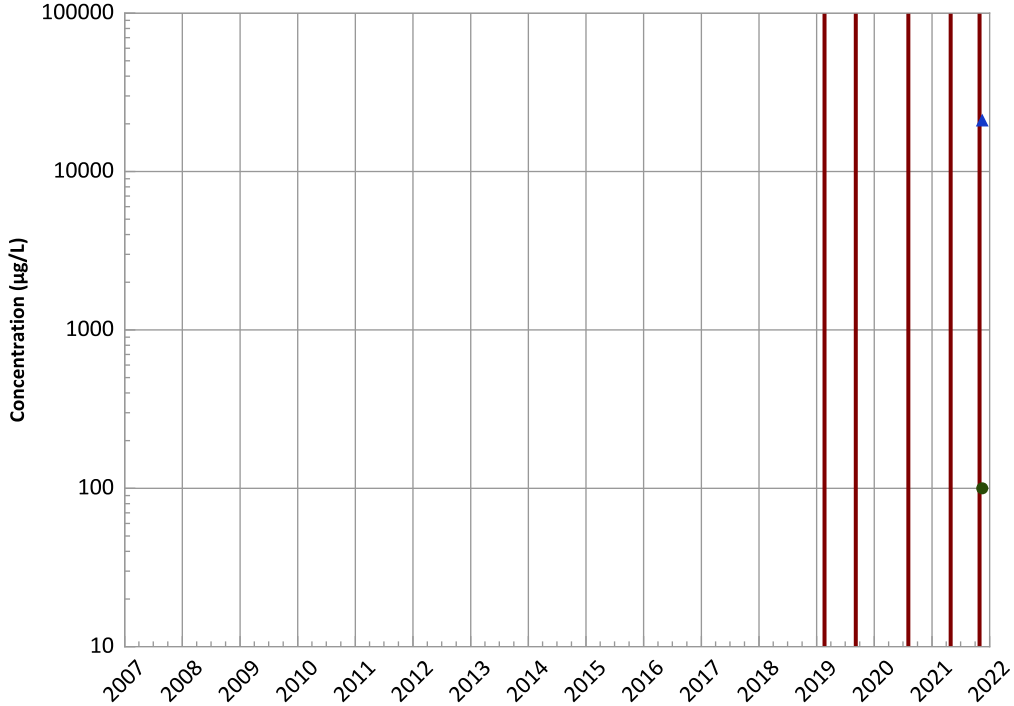
Iron Trend



Concentration Trend

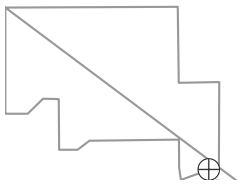
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

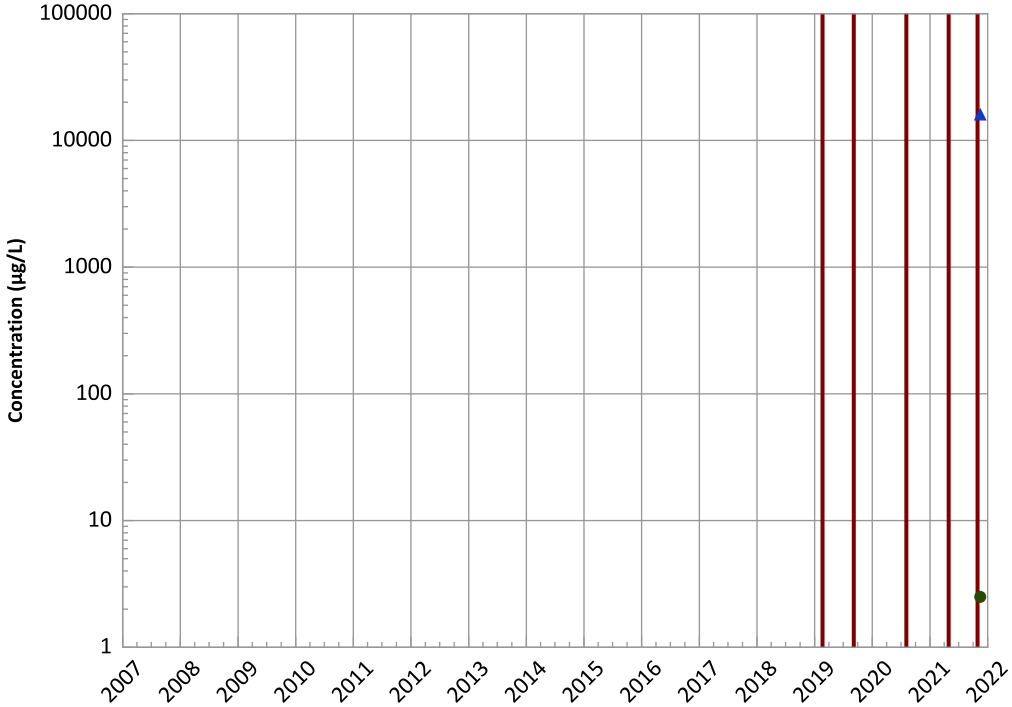
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

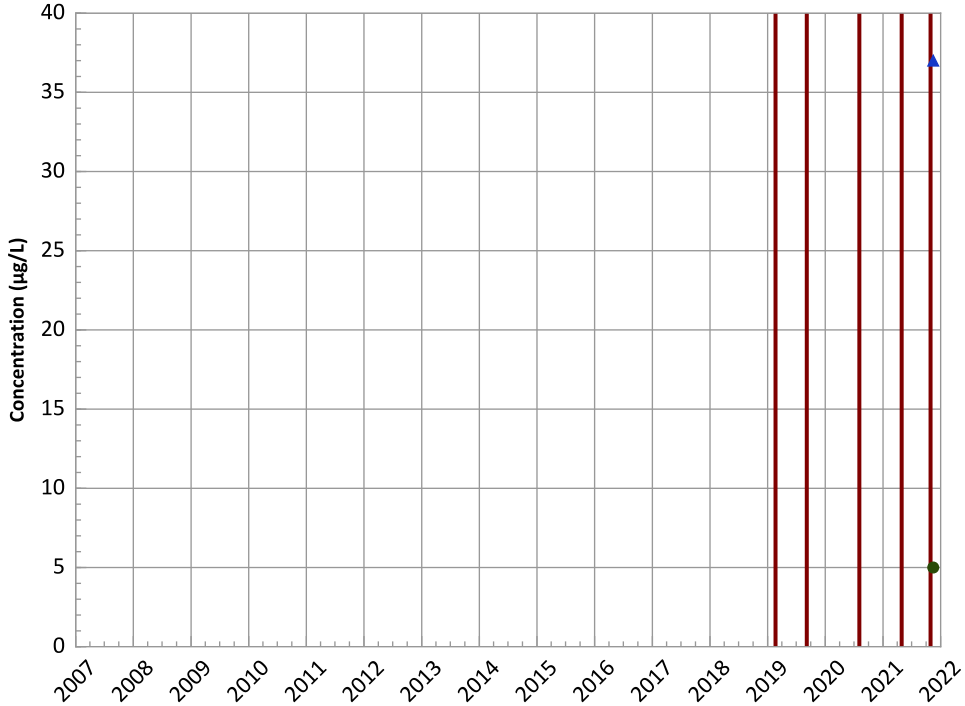


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

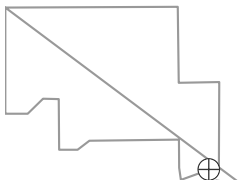
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

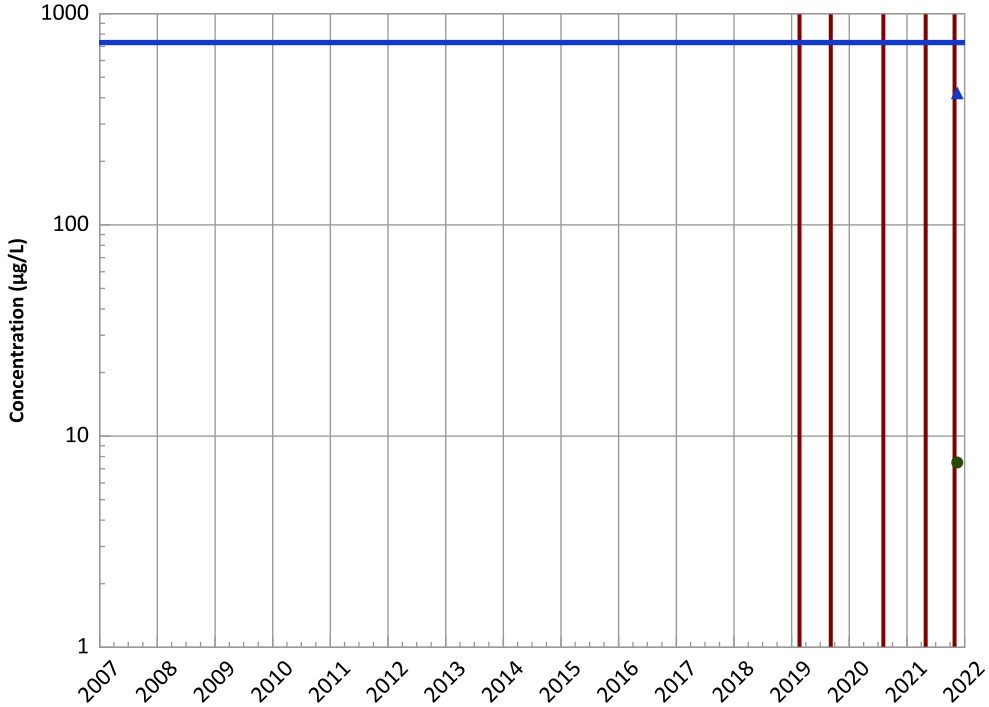
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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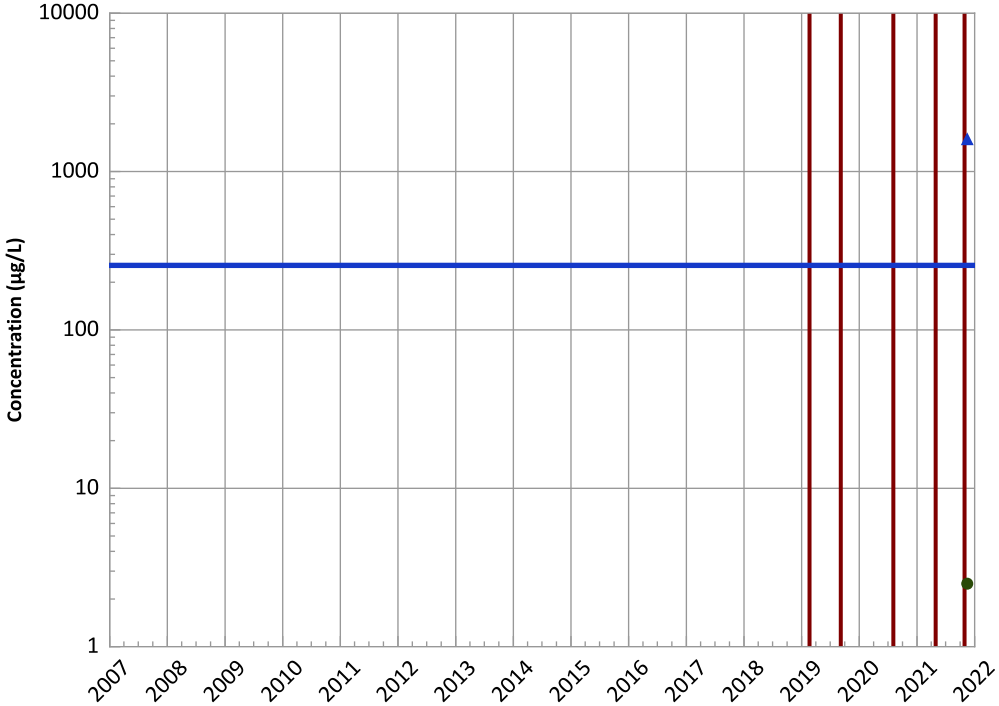
Vanadium Trend



Concentration Trend

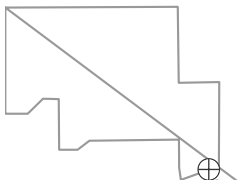
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

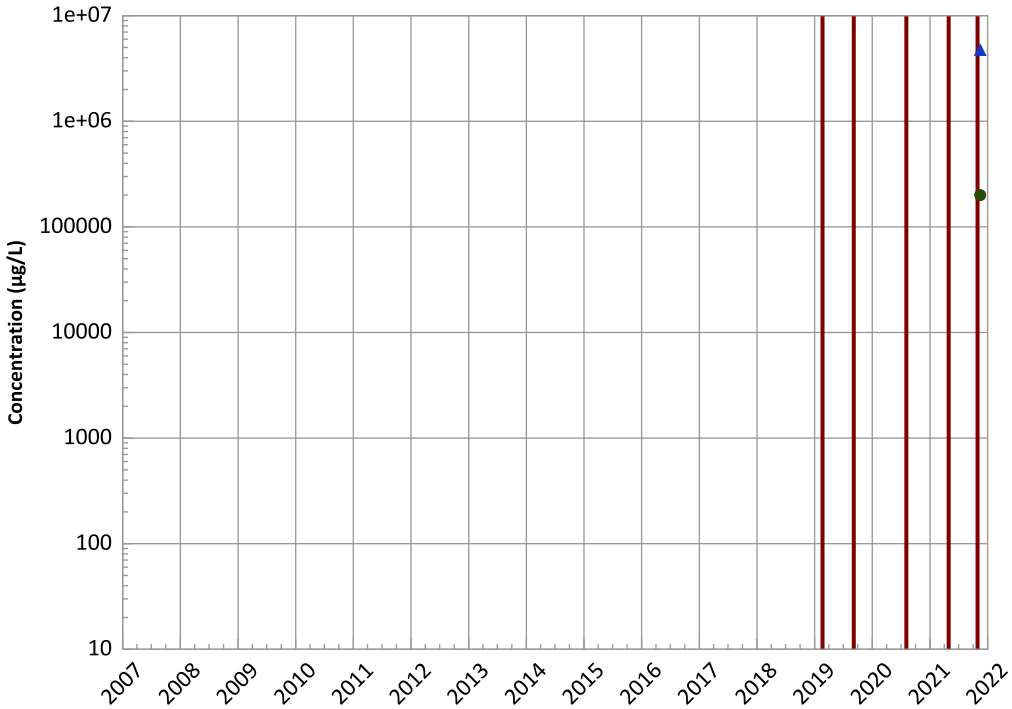
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

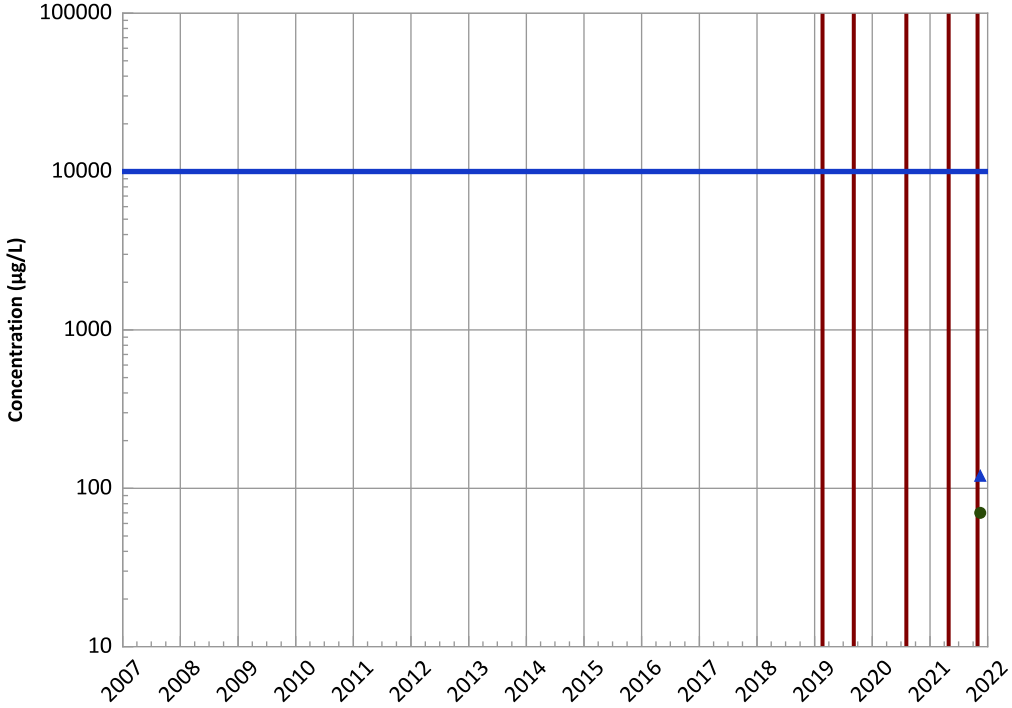


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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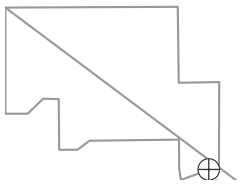
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

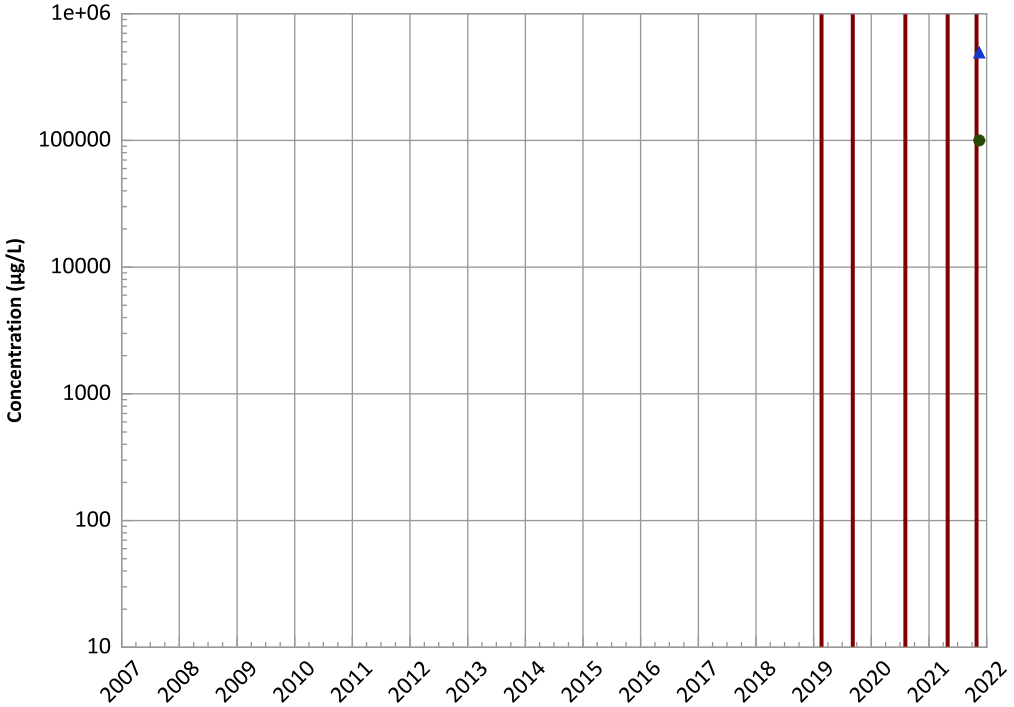
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1213 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

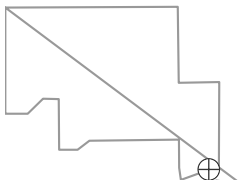
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

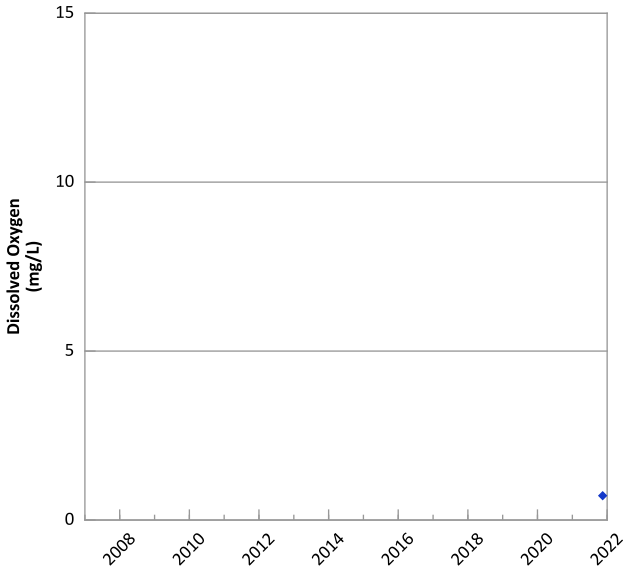
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

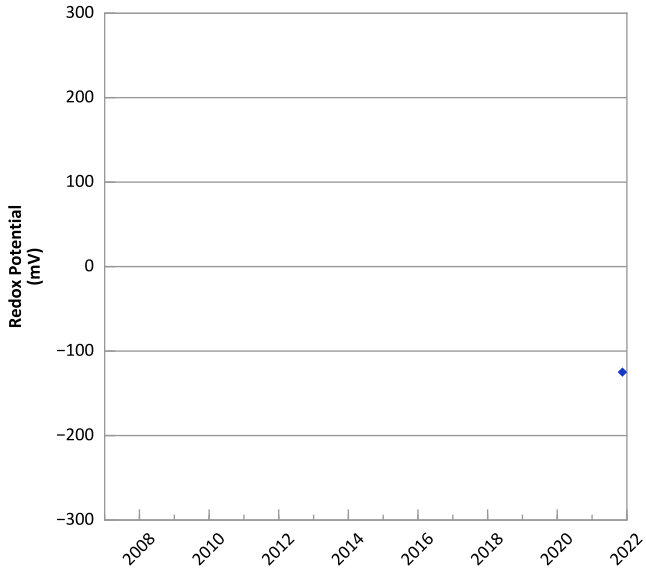
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

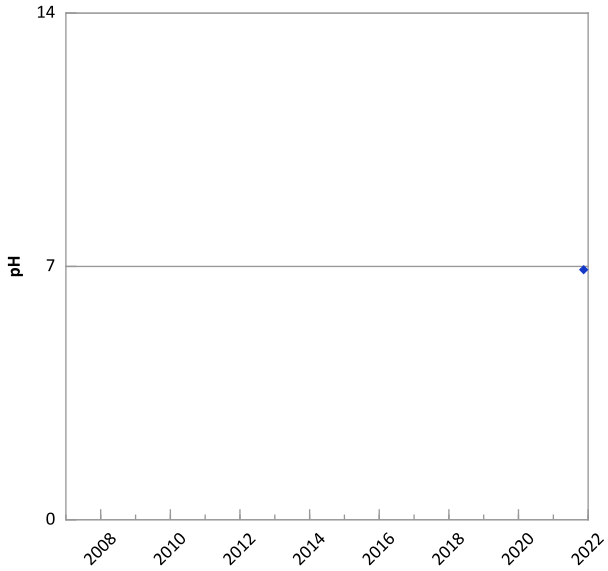
Well Location

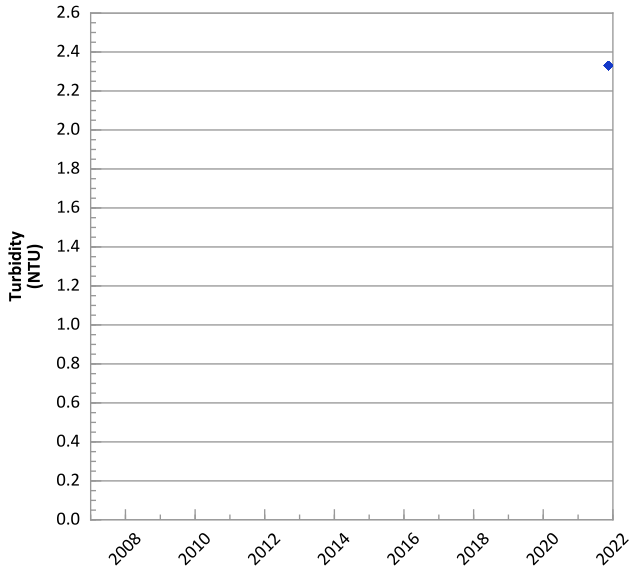


PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



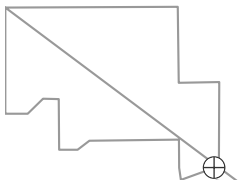






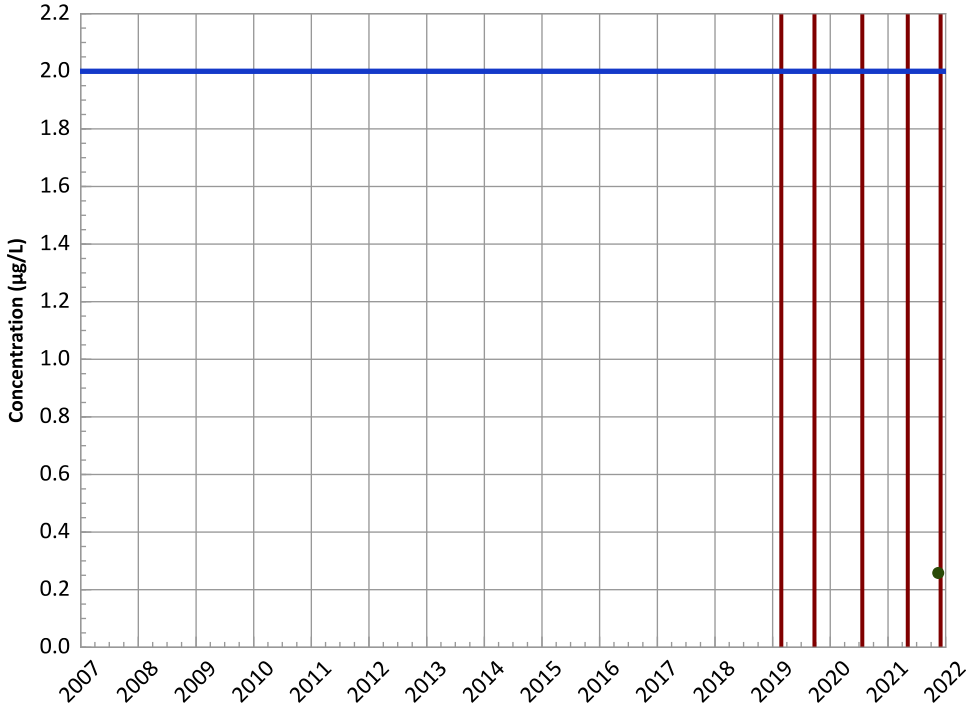
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

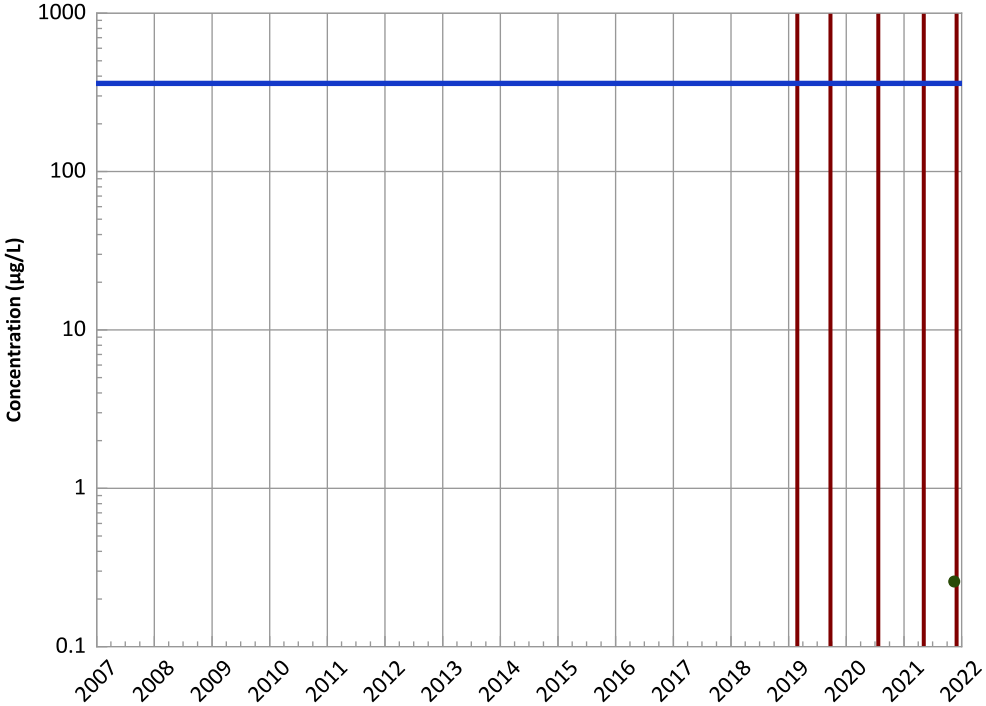


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

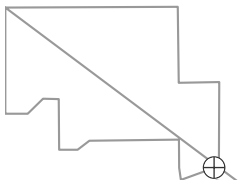
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

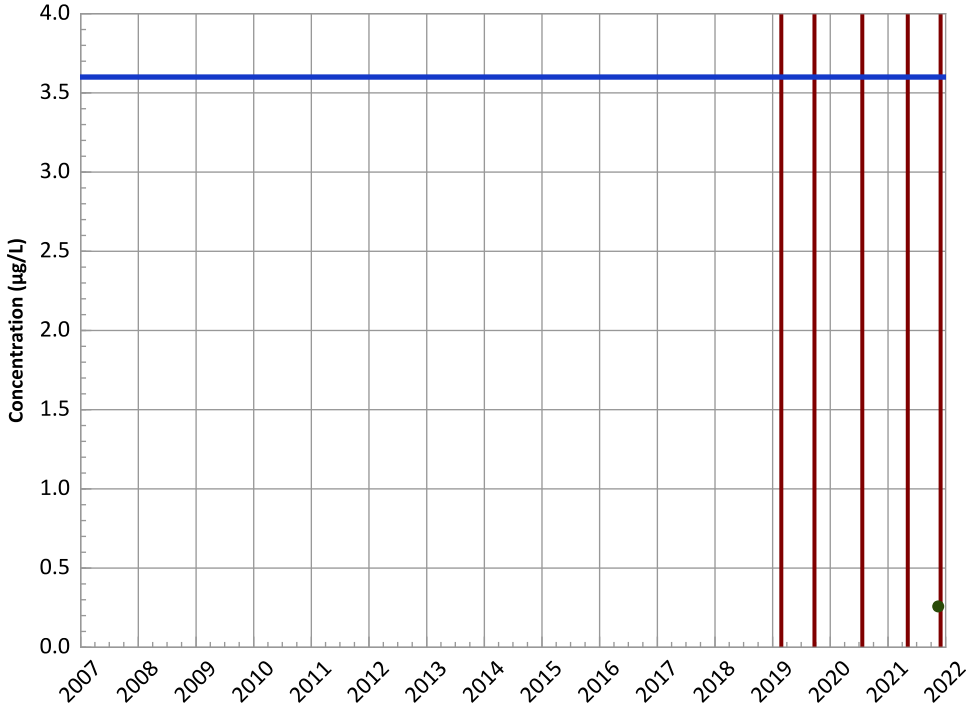
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

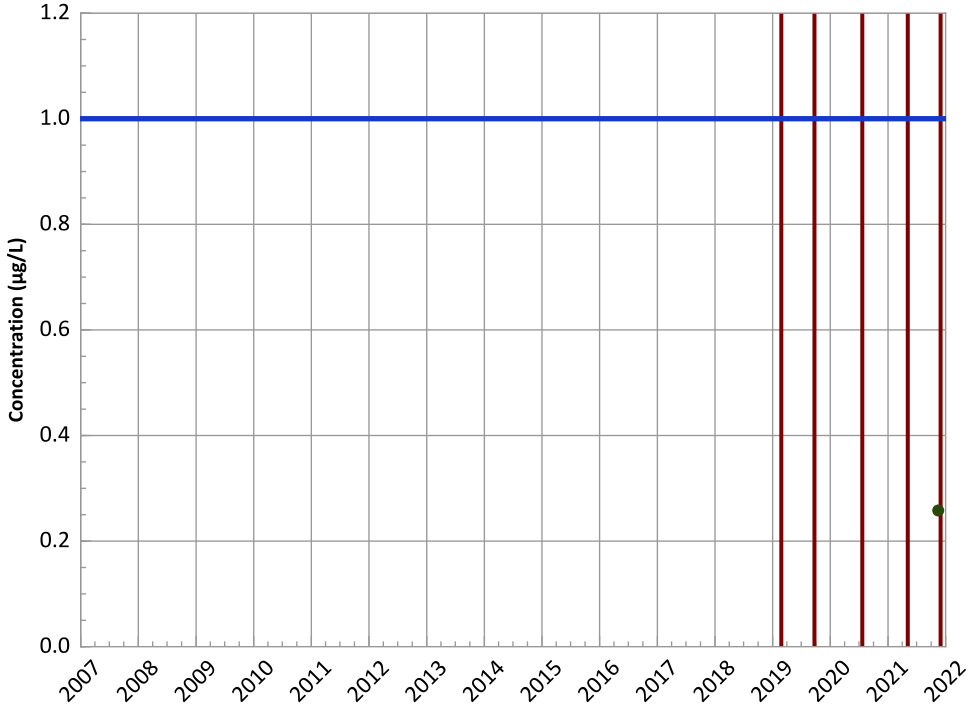


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

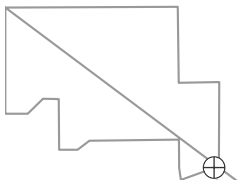
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

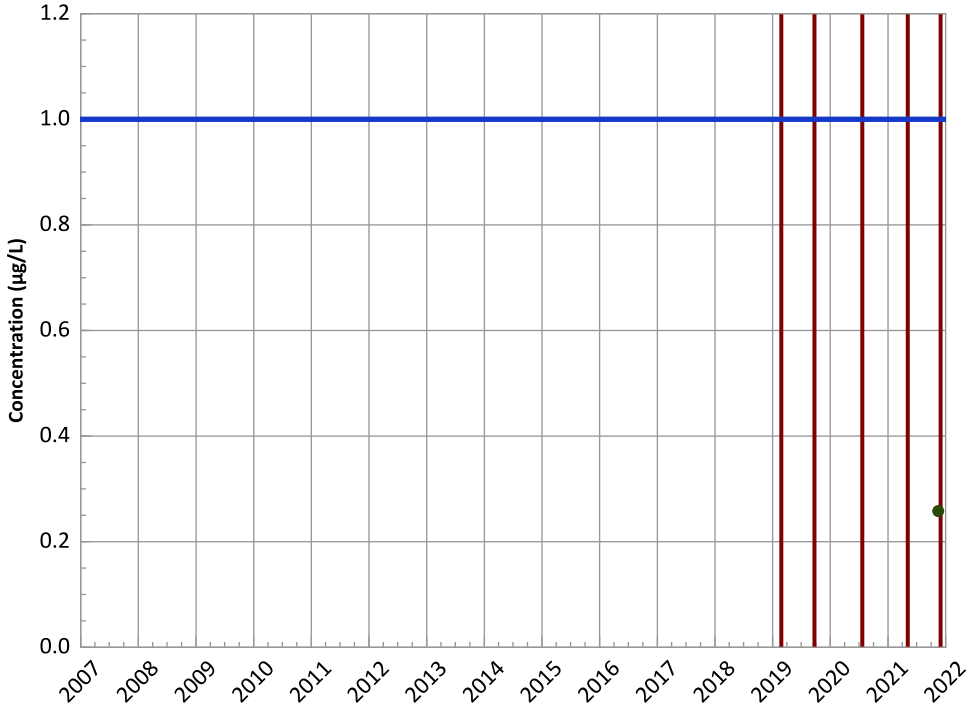
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

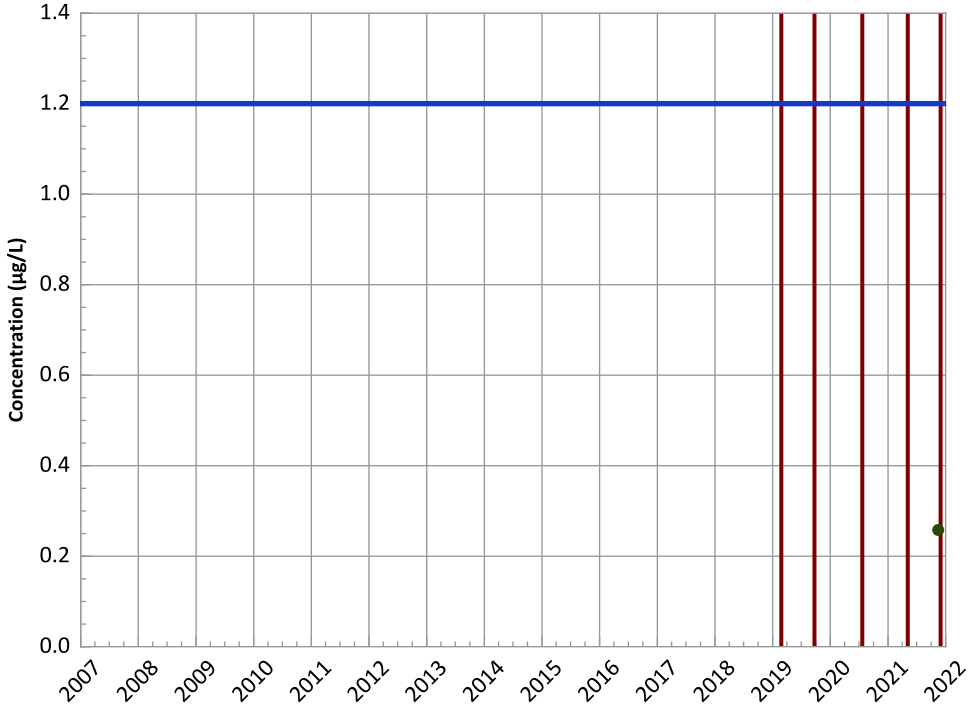


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

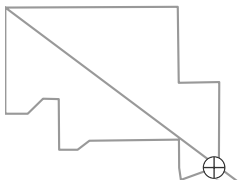


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location

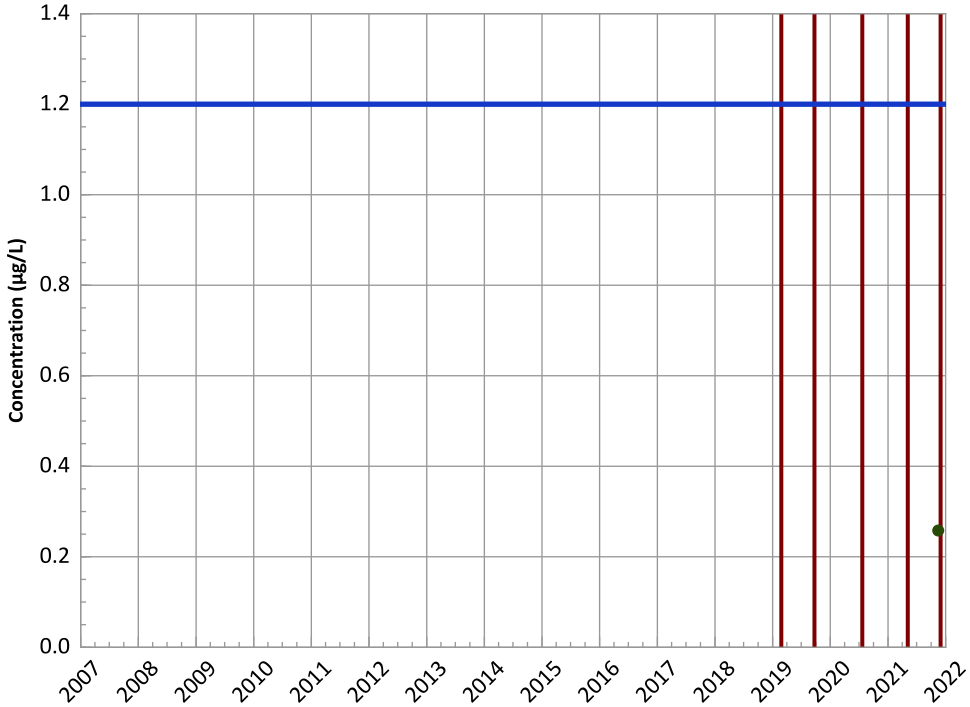


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

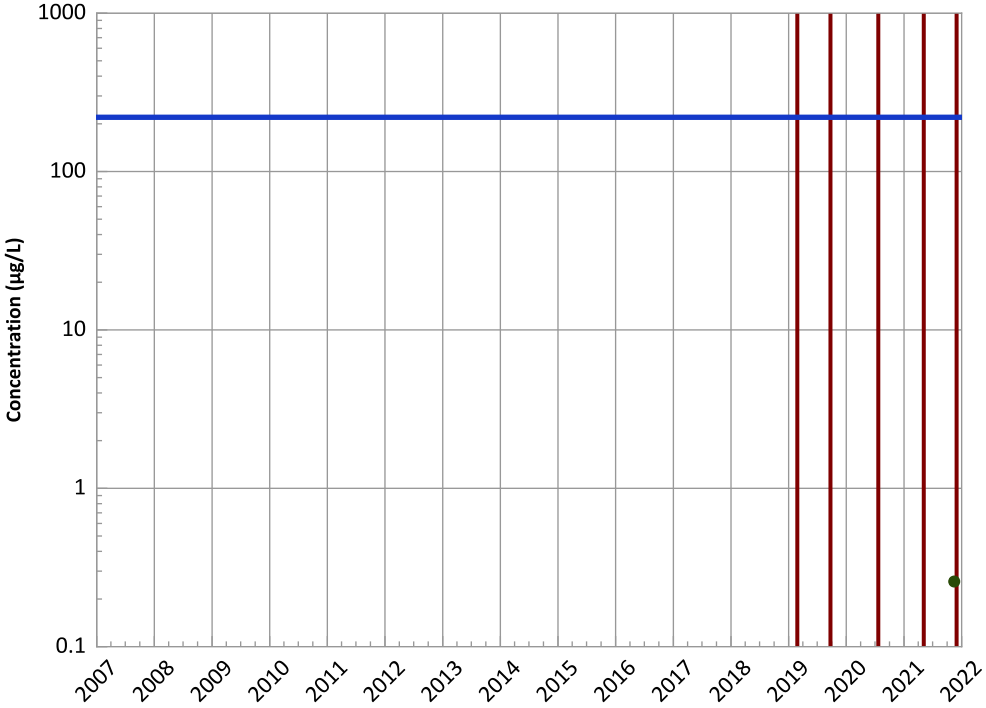


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
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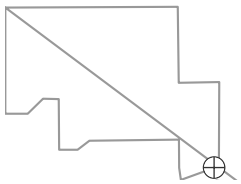
Analysis Date: 05/26/2022

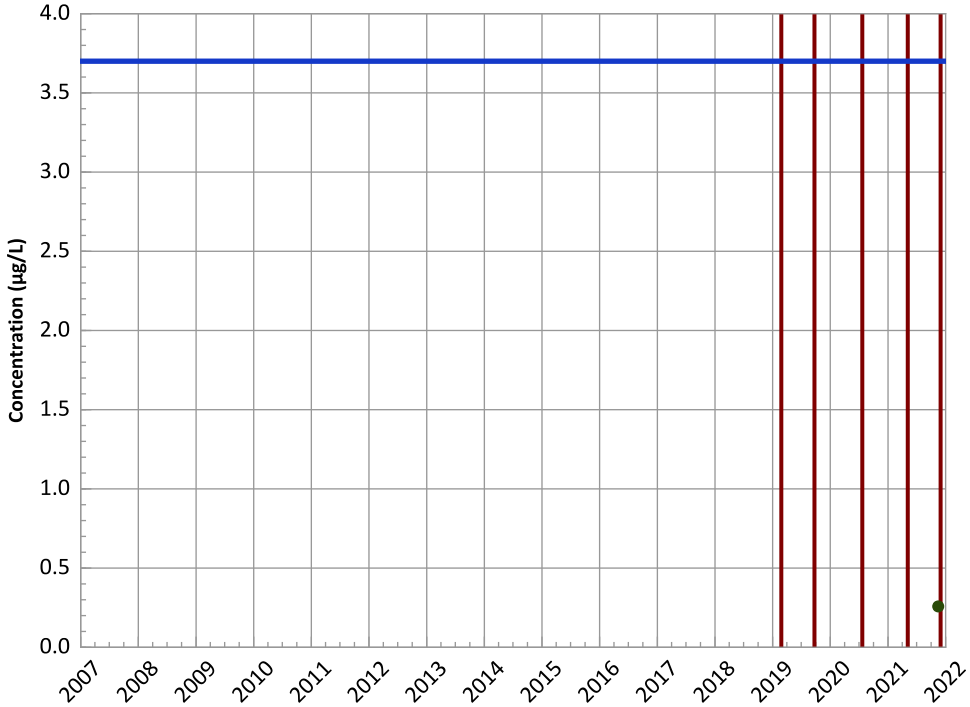
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

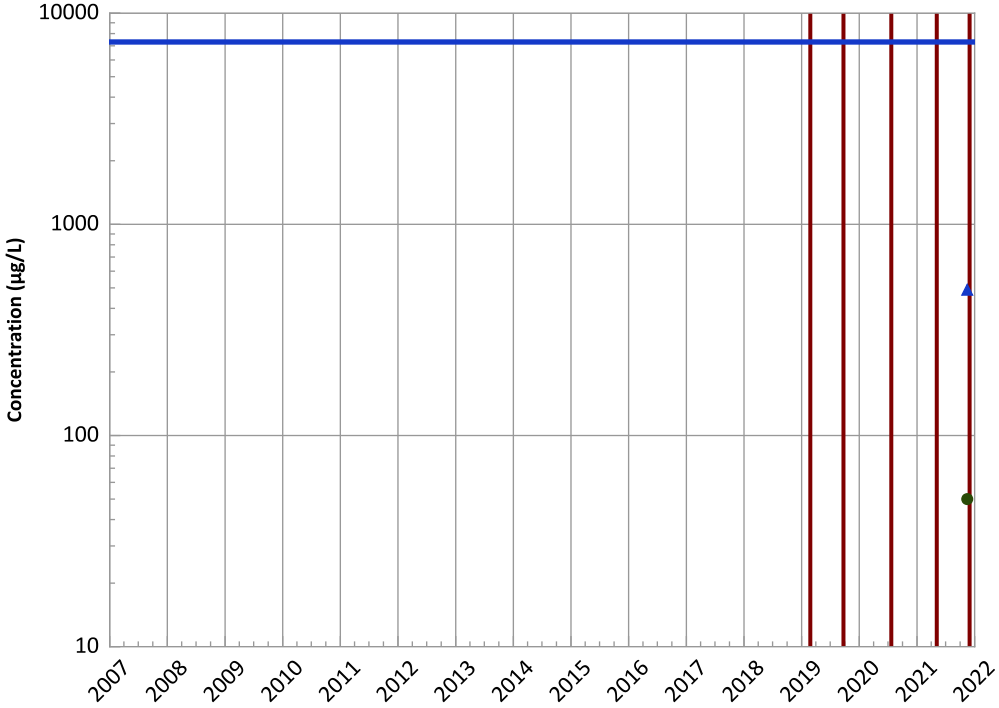


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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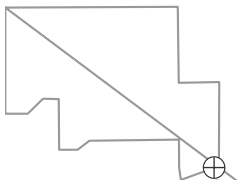
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

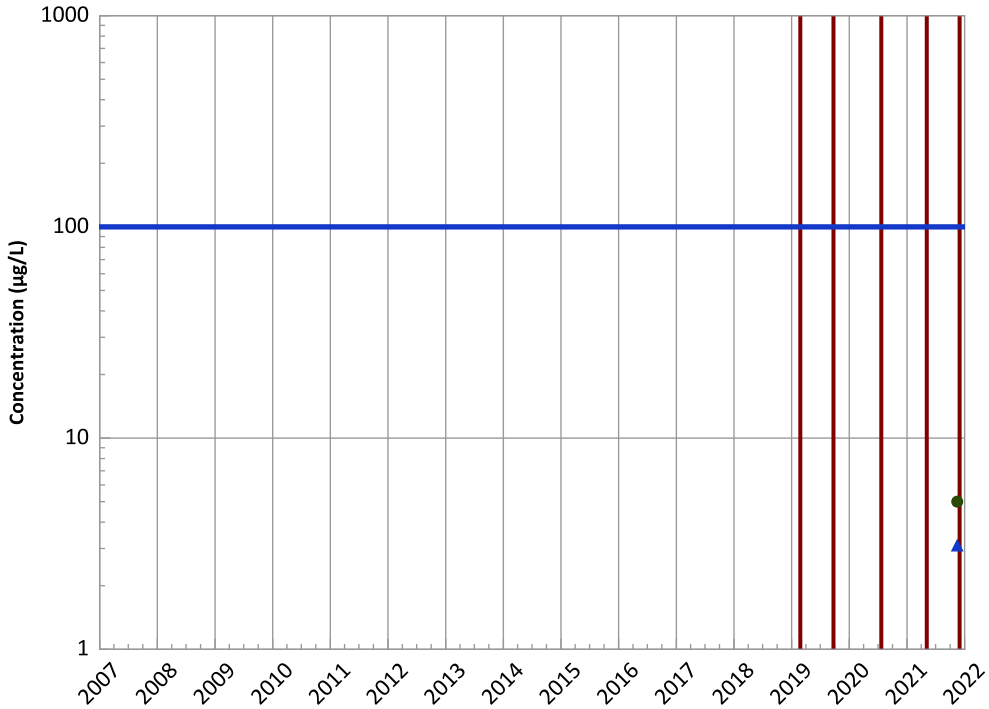
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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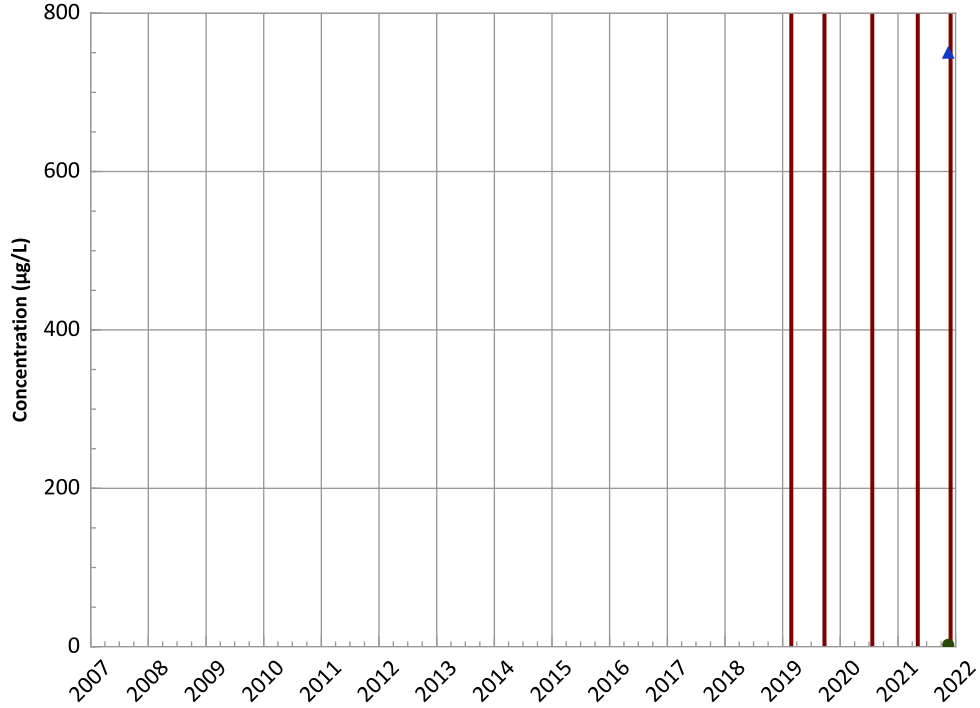
MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Manganese Trend

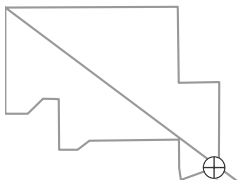


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Well Location

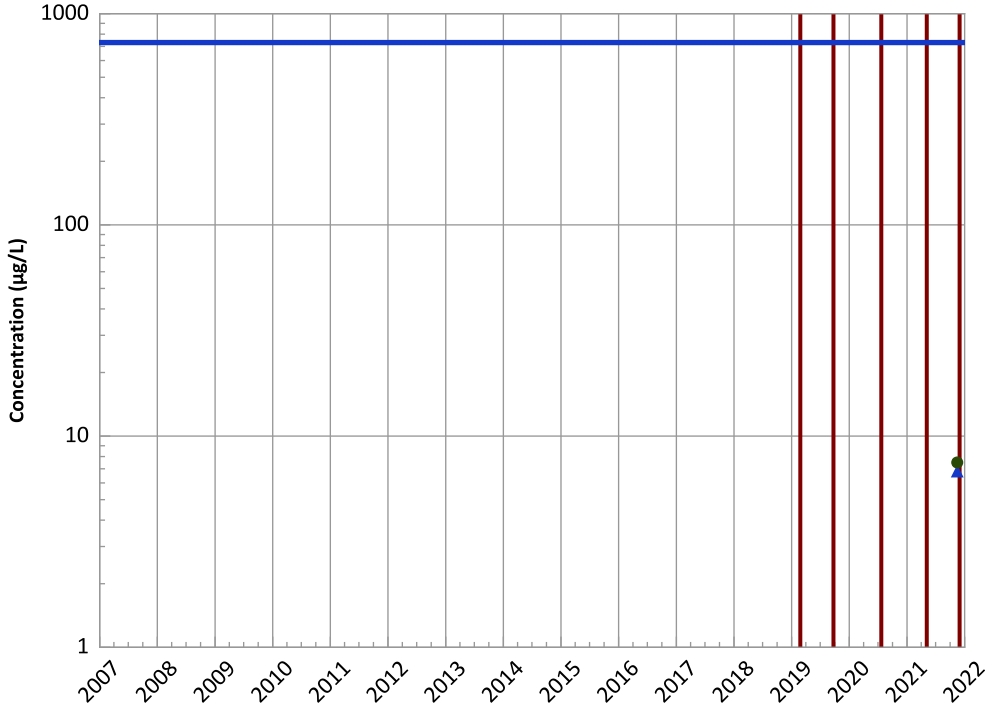


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

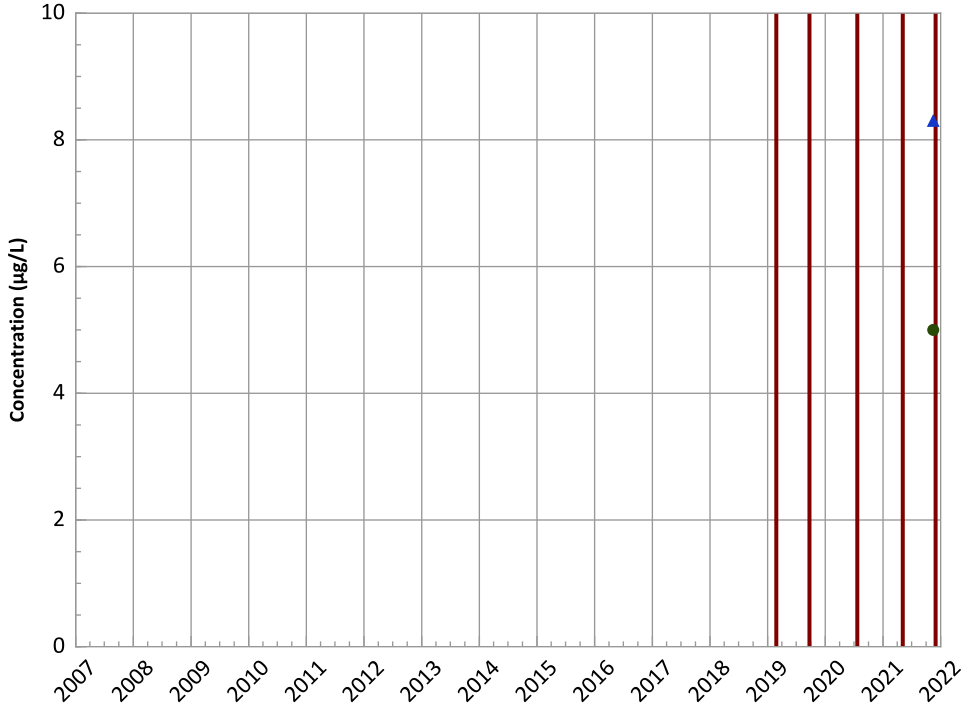


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

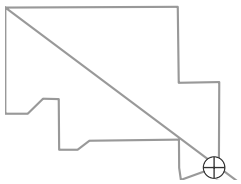
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

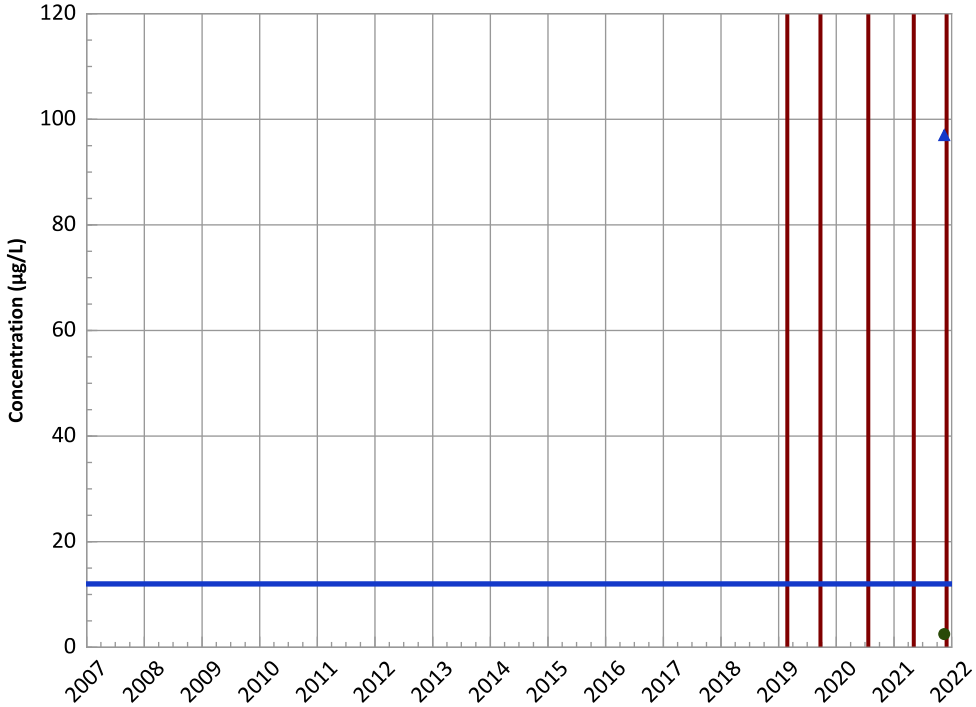
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

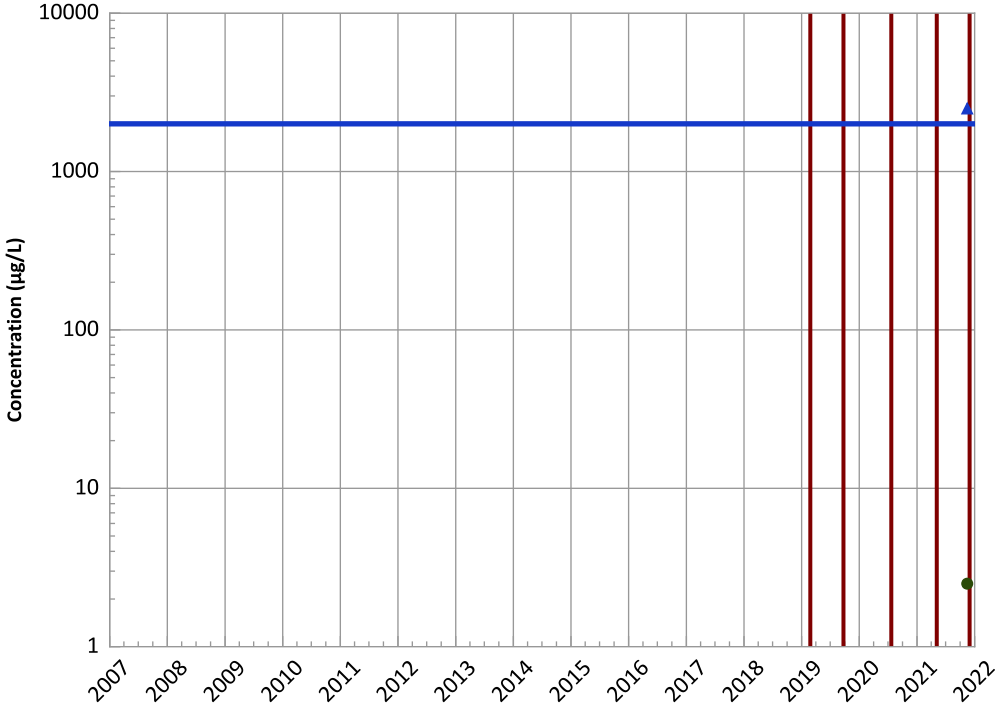


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

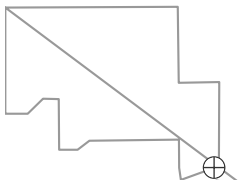
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

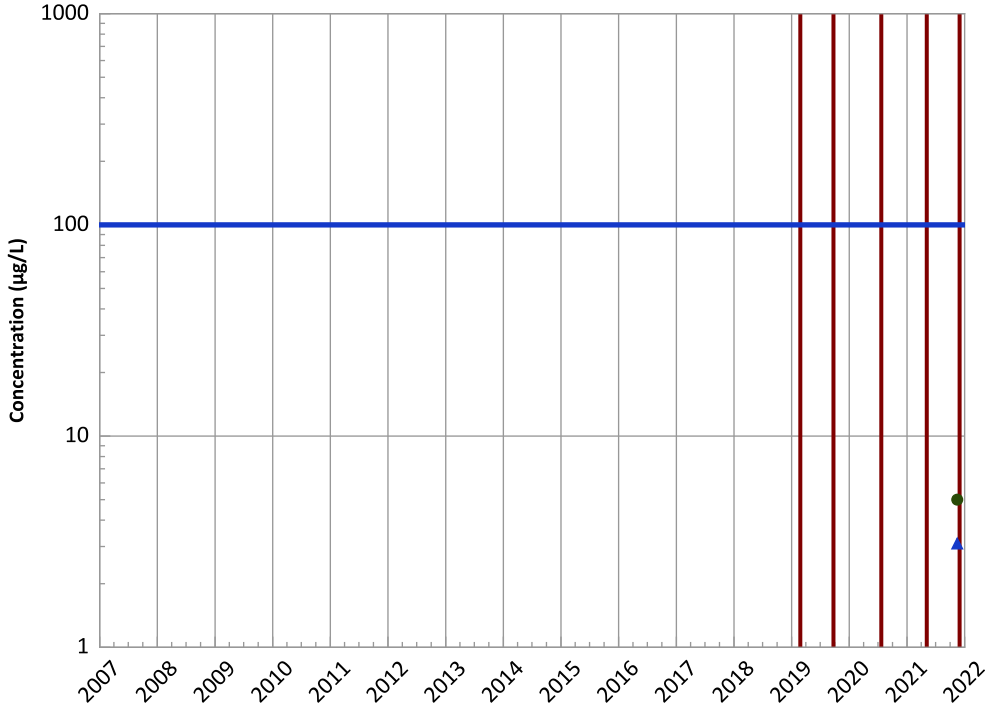
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

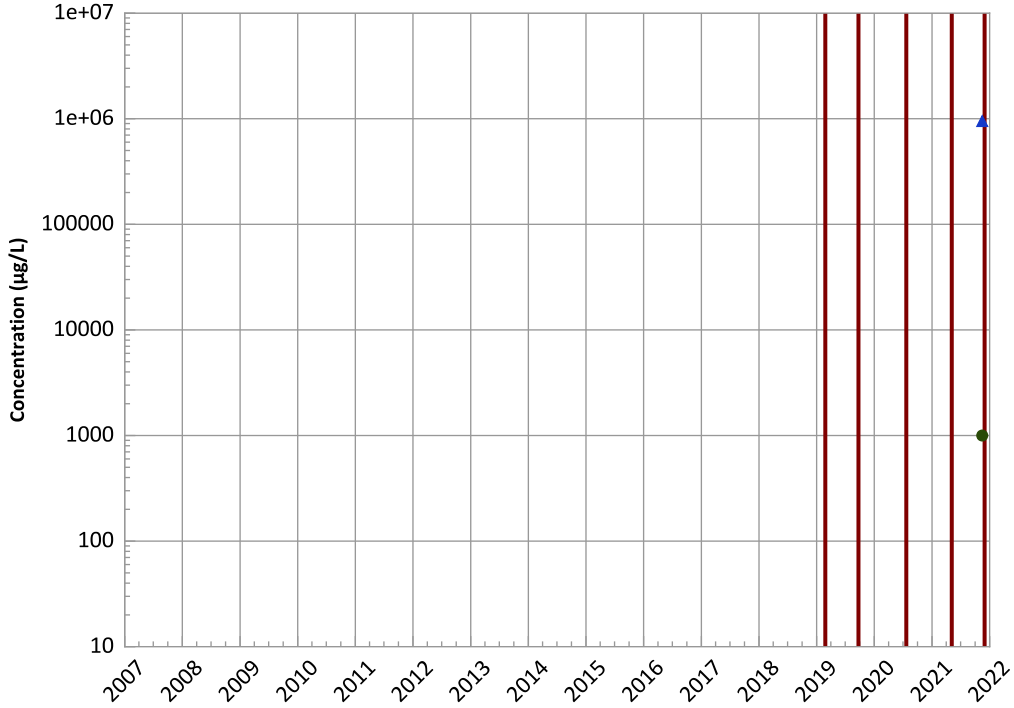


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

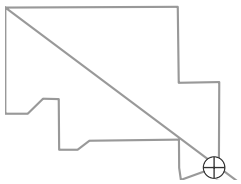
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

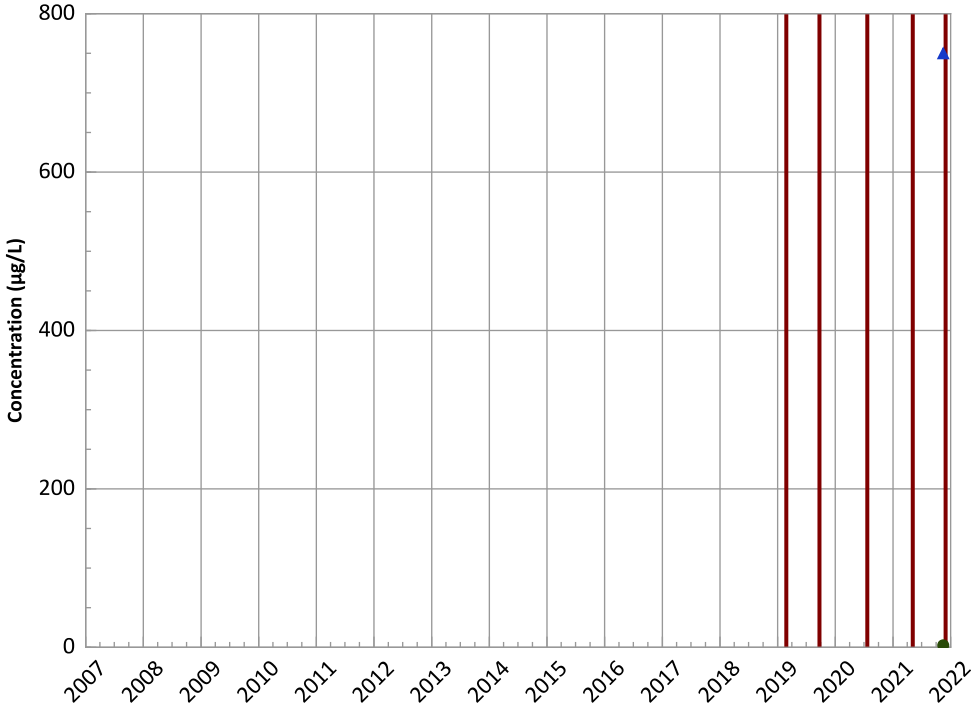
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

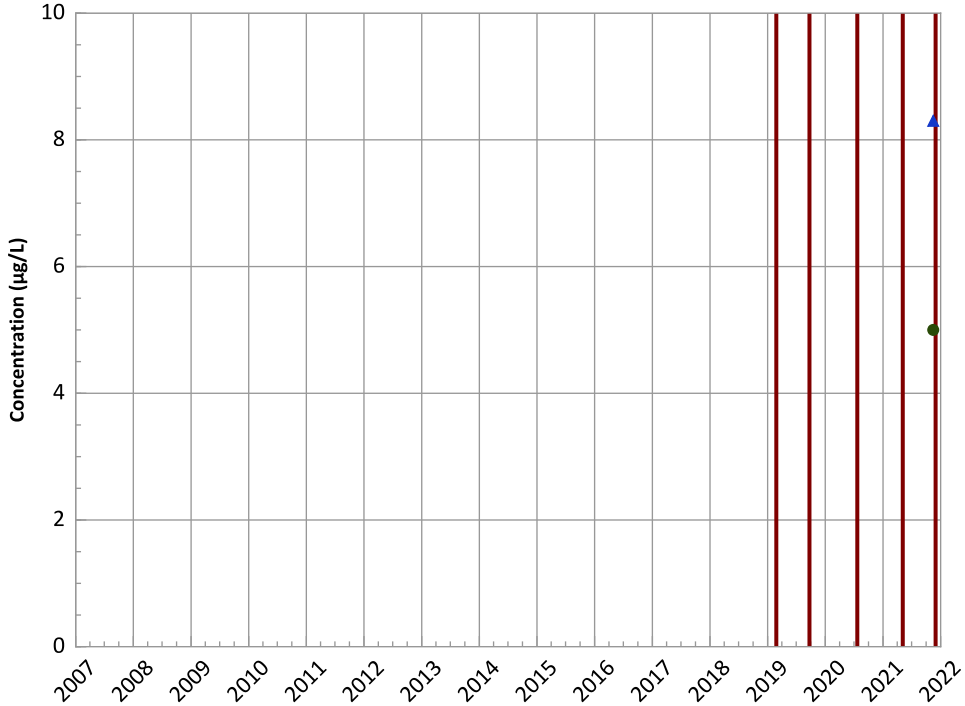


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

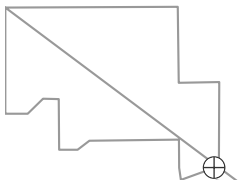
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

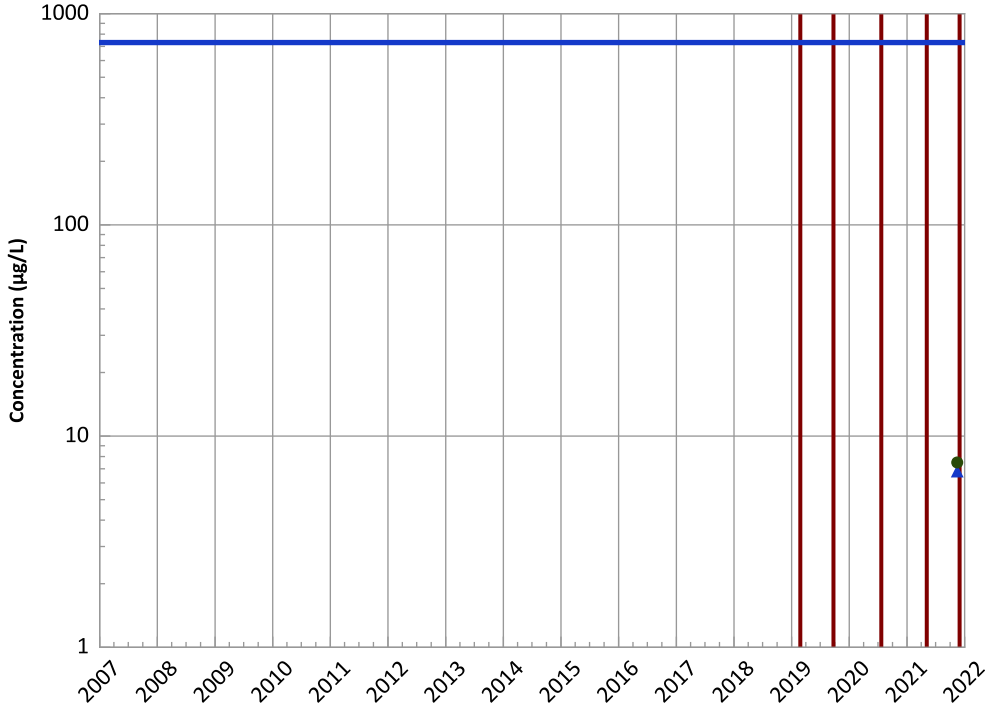
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

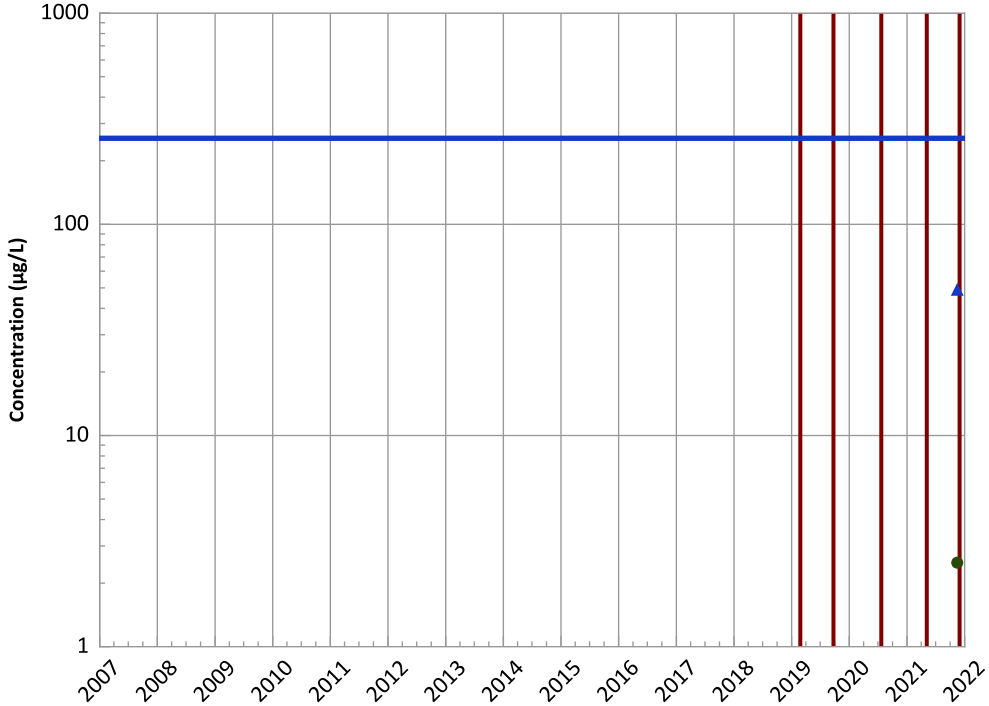


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Vanadium Trend



Concentration Trend

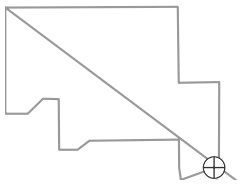
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

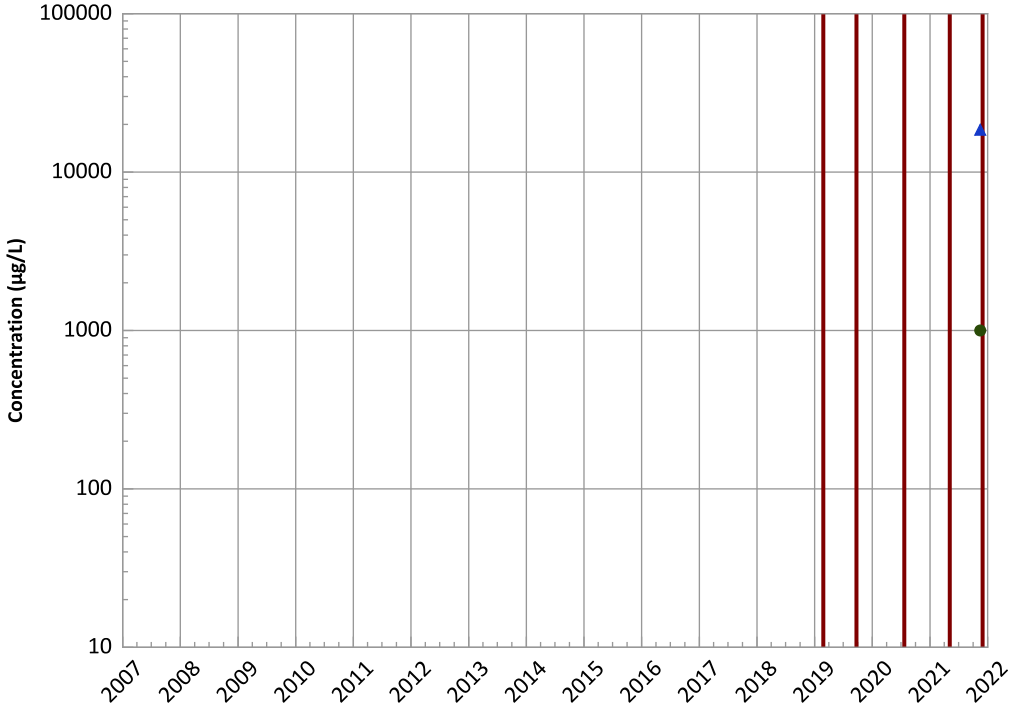
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

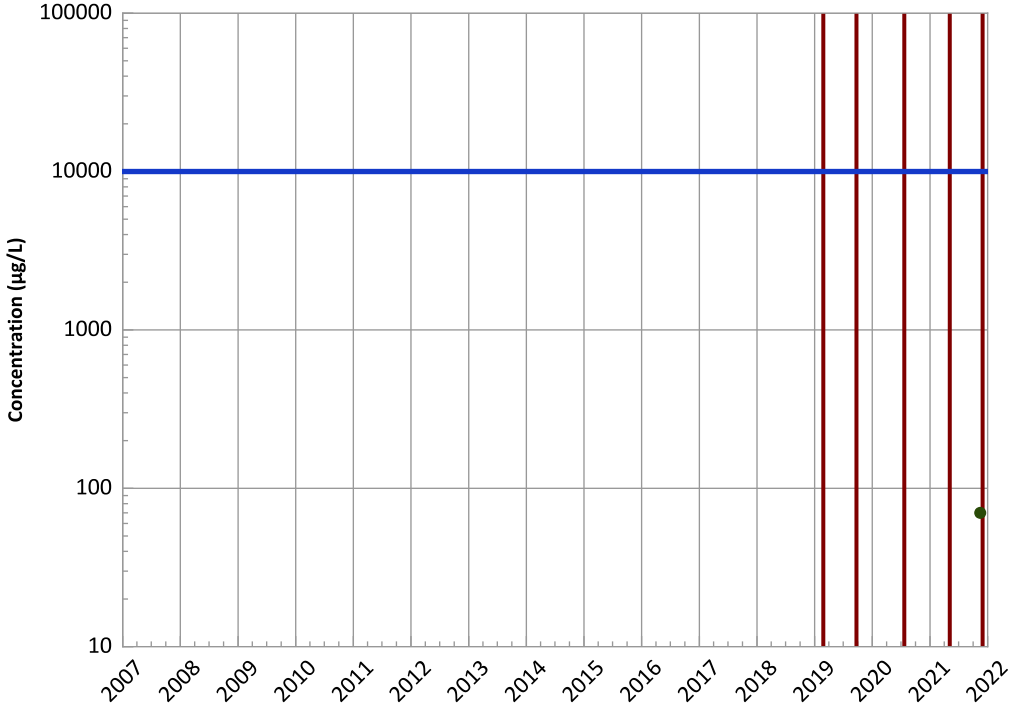


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend

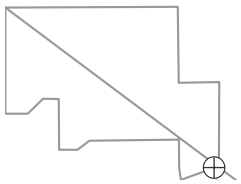


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location

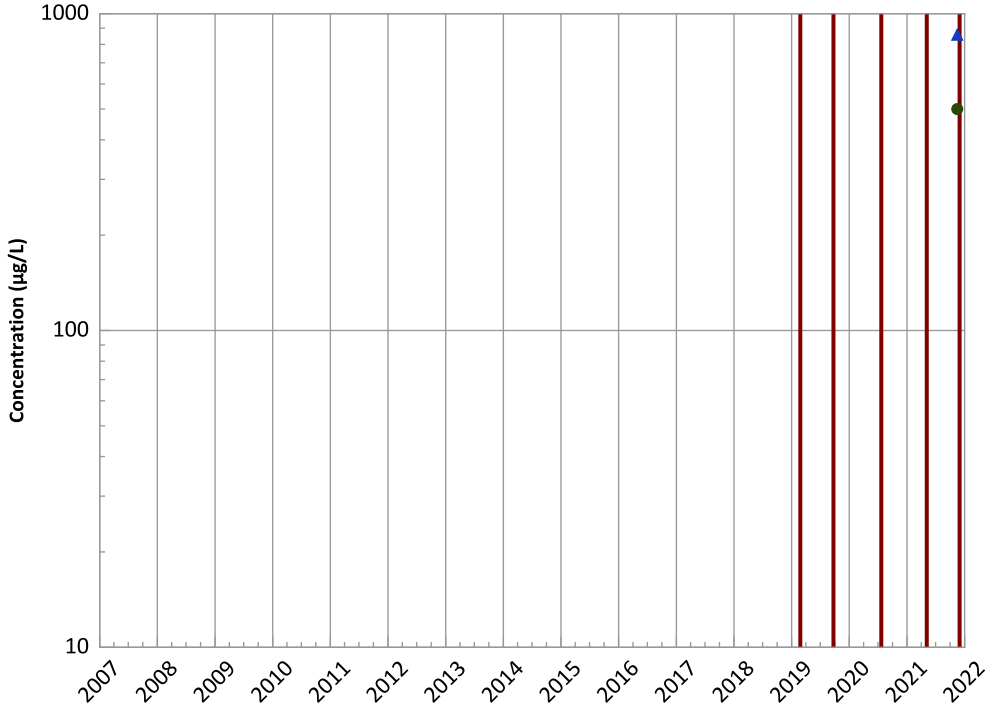


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-1214 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

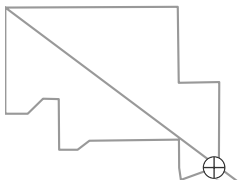
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

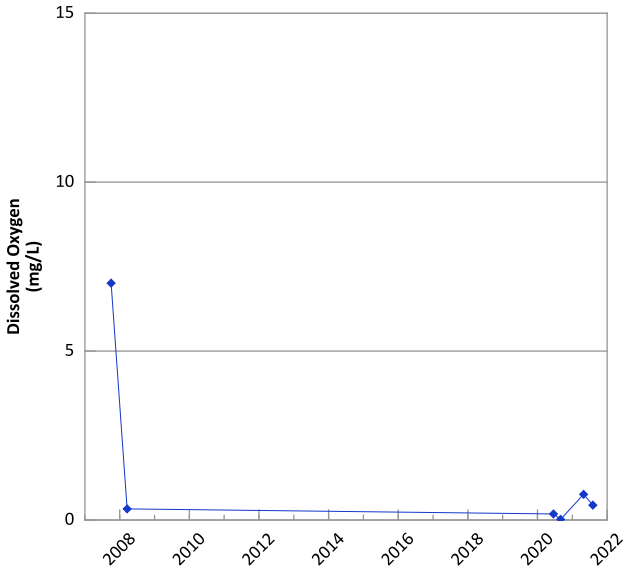
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

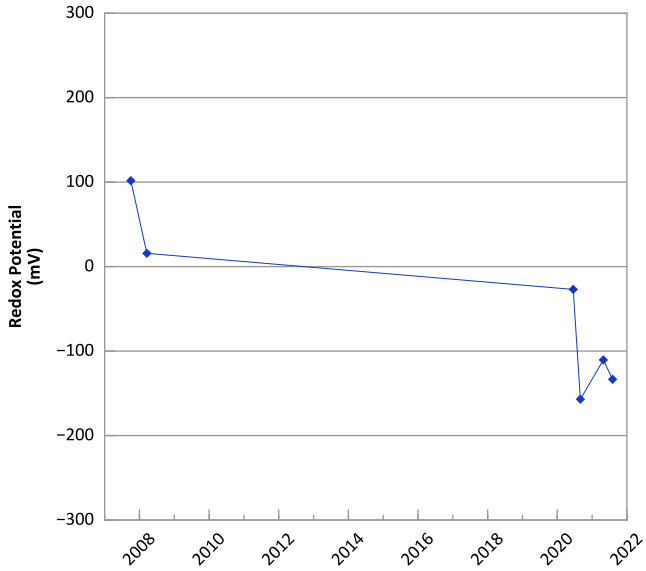
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

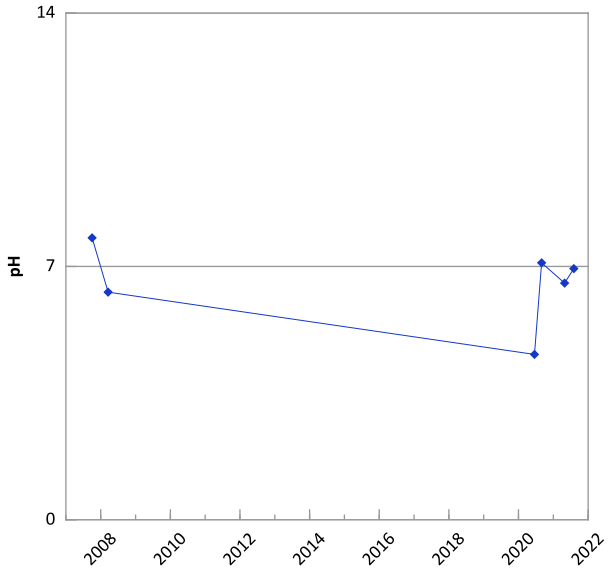
Well Location

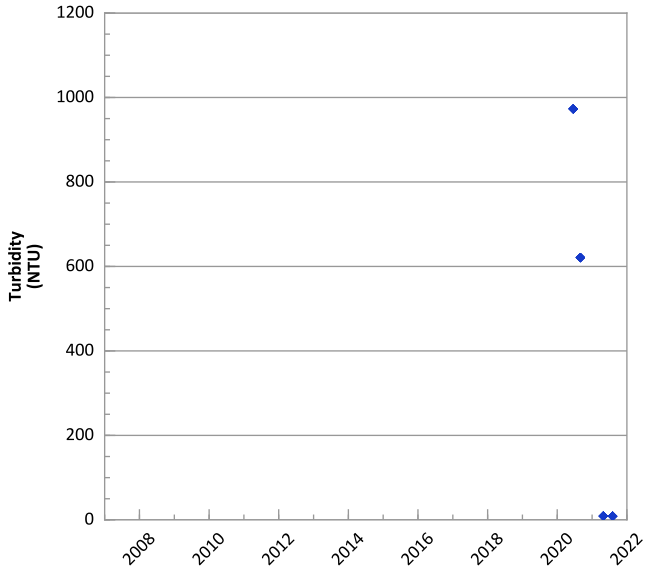


PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



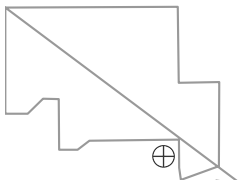






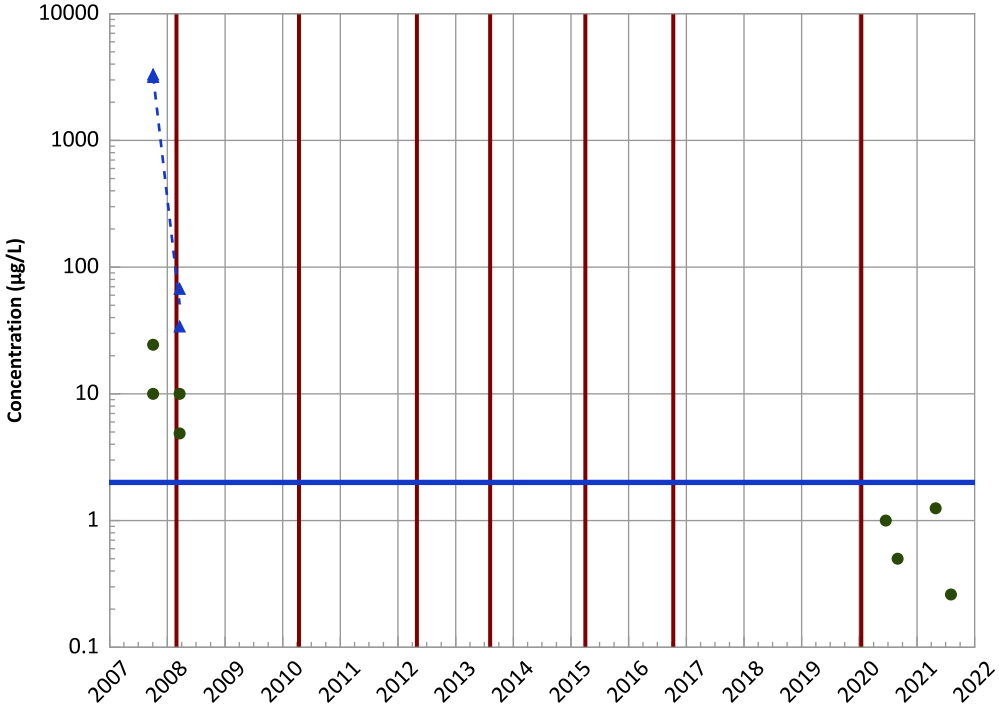
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

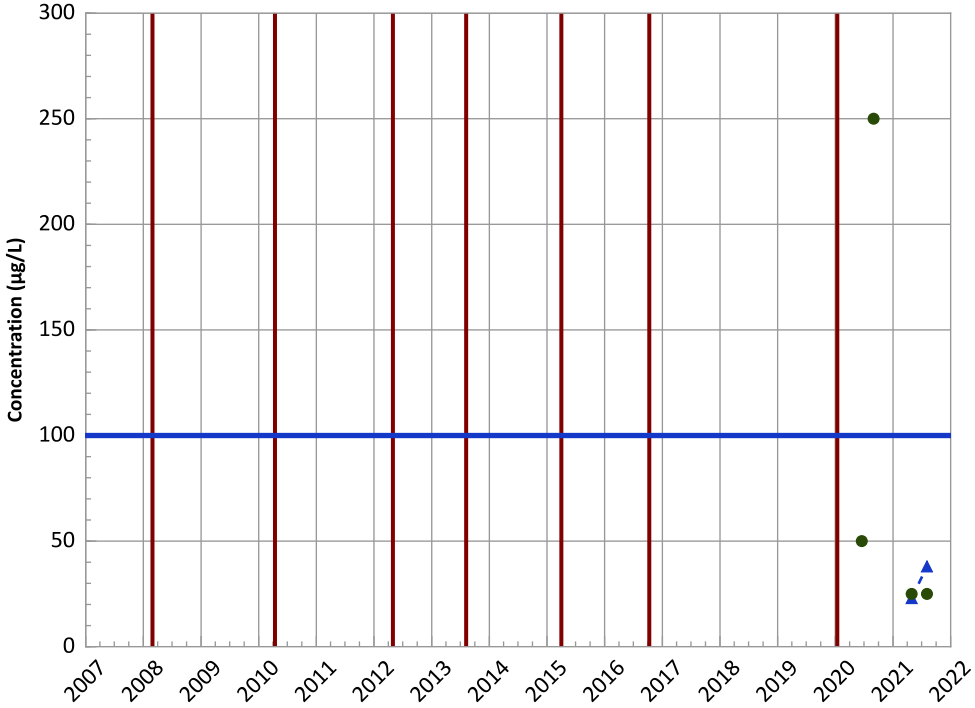


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

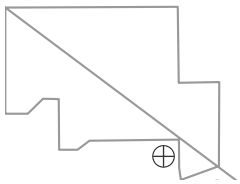
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

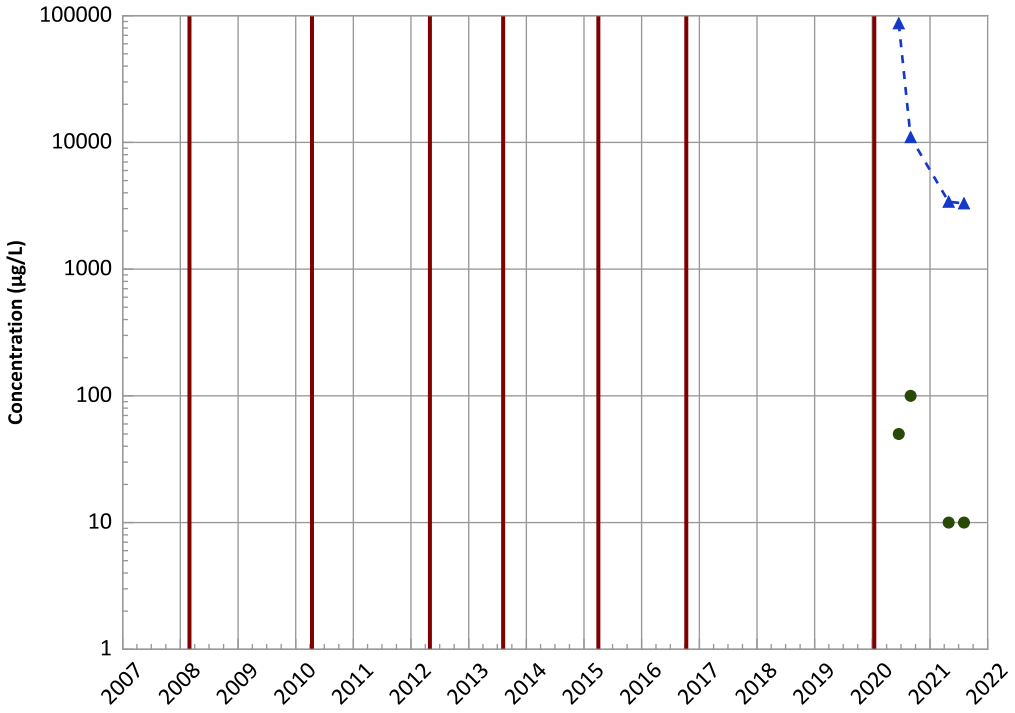
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

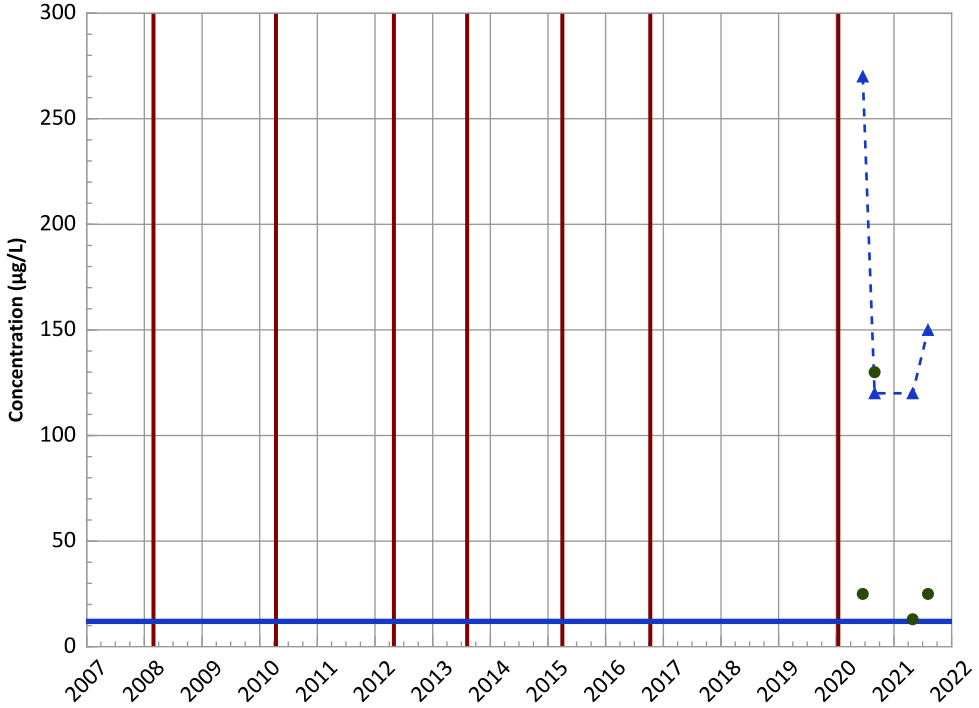


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing' 'Probably Decreasing
2019 - 2021 Data:
Probably Decreasing' 'Probably Decreasing

Arsenic Trend



Concentration Trend

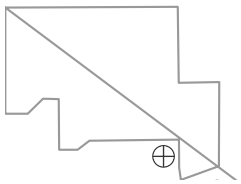
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

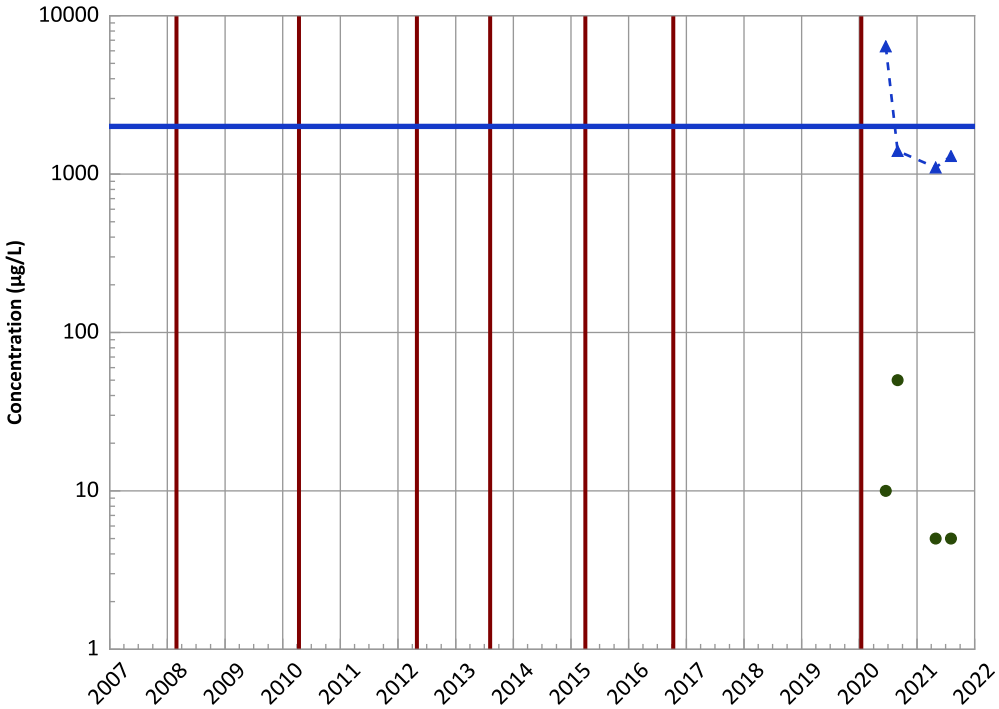
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

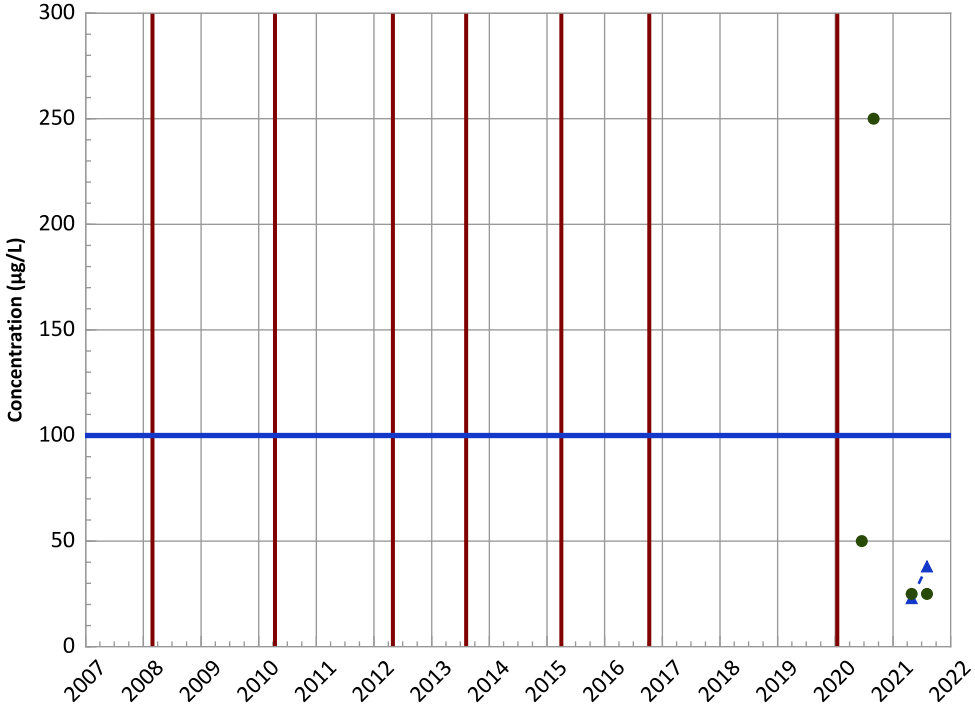


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

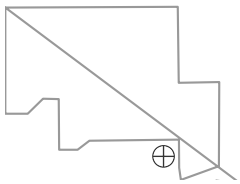
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

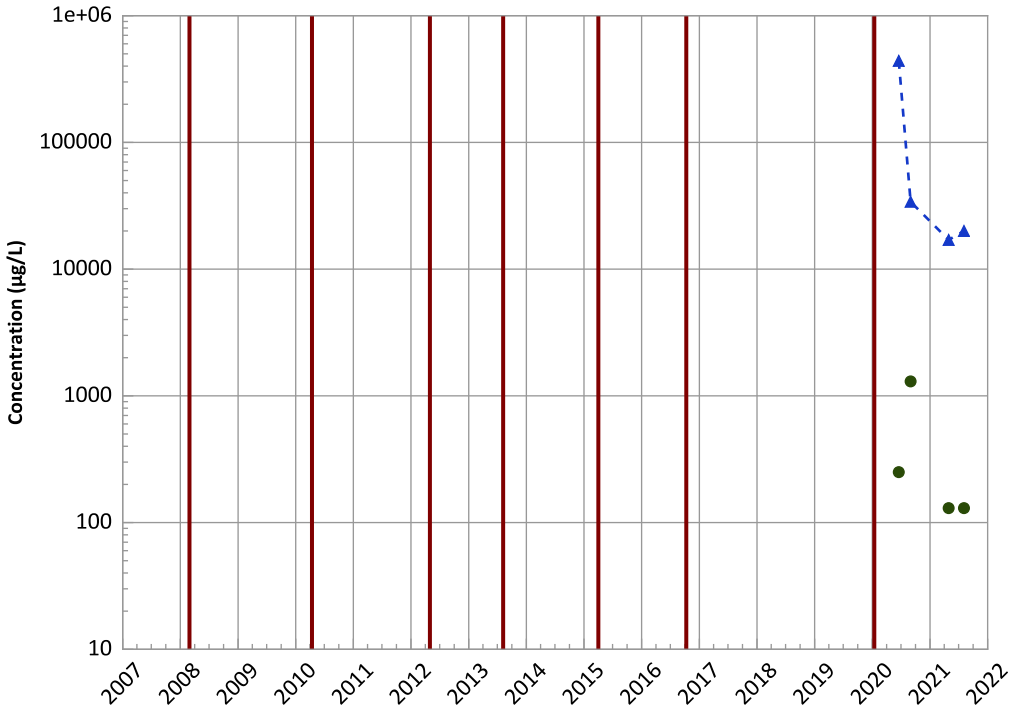
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

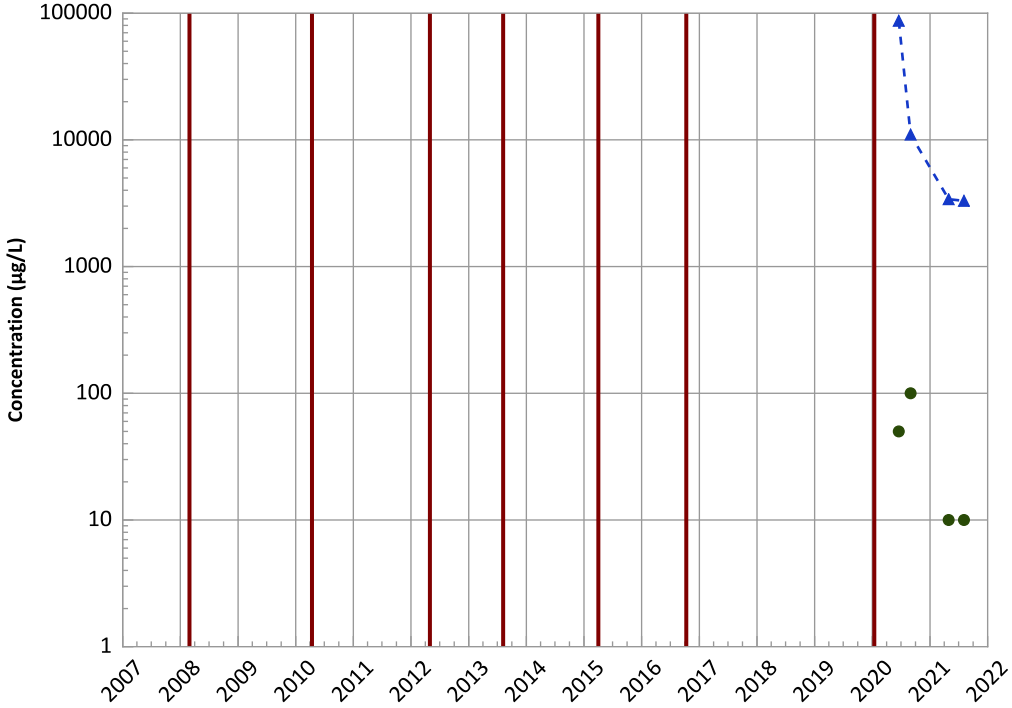


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

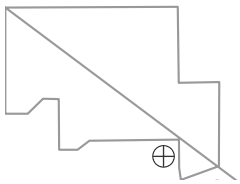
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing' 'Probably Decreasing
2019 - 2021 Data:
Probably Decreasing' 'Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

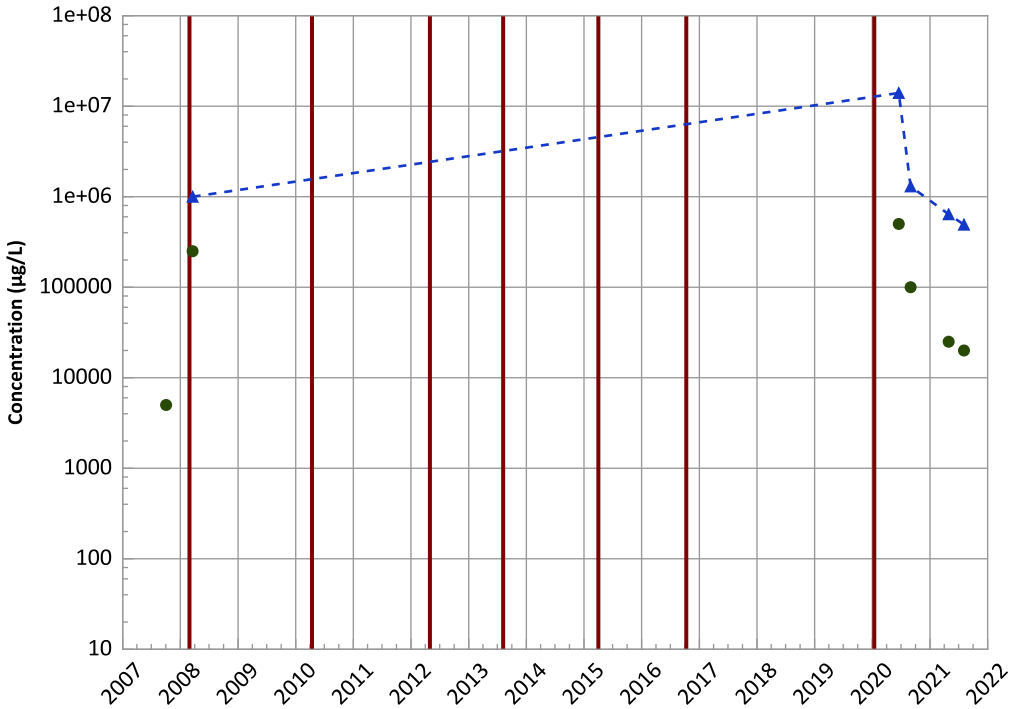
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

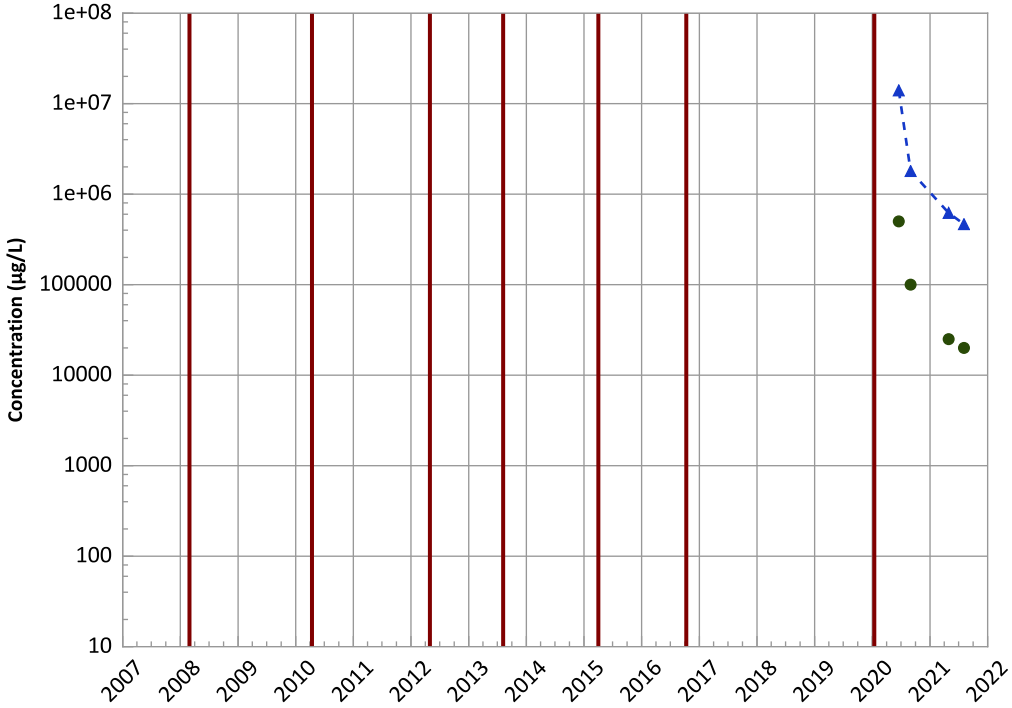


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

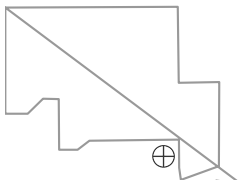
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

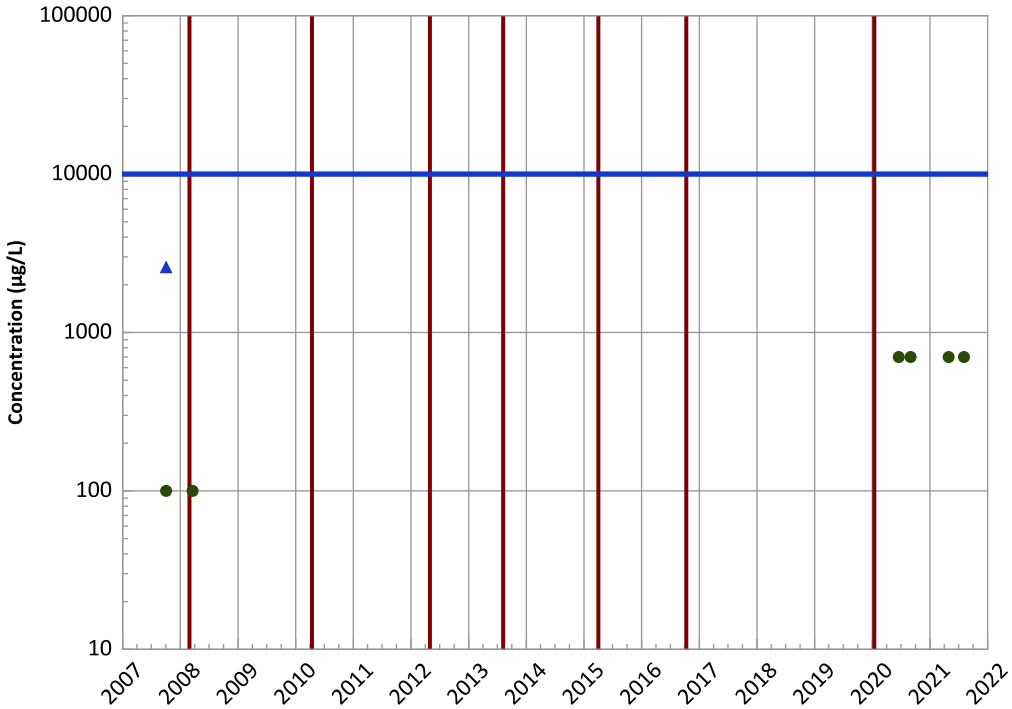
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB021 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

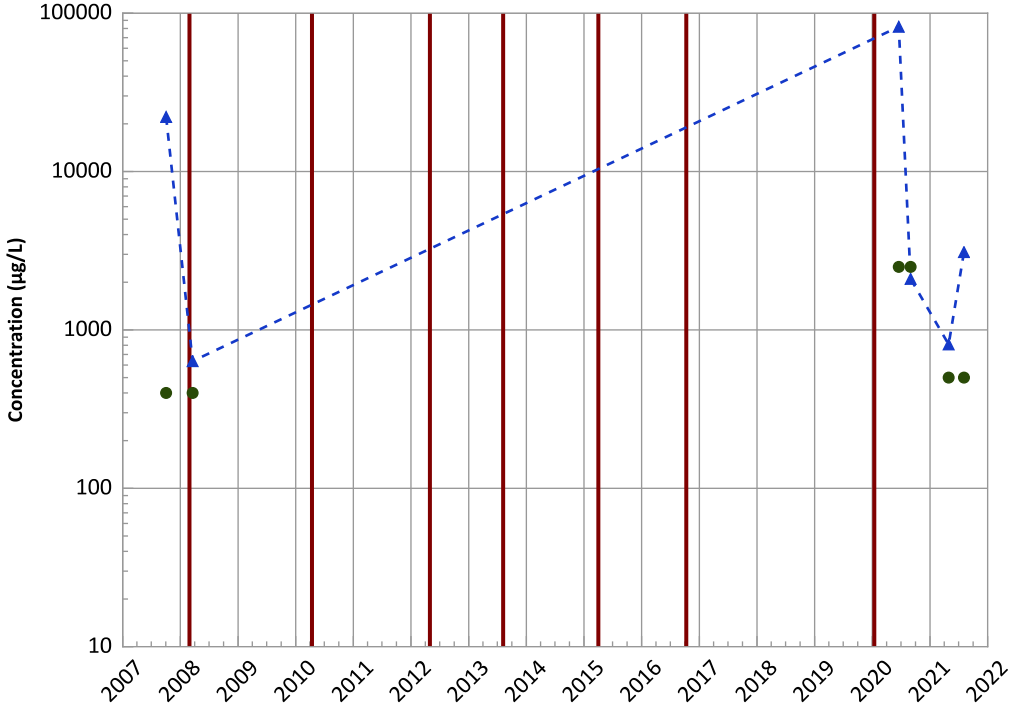


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

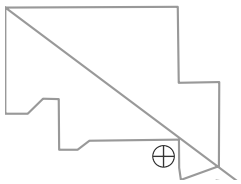
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

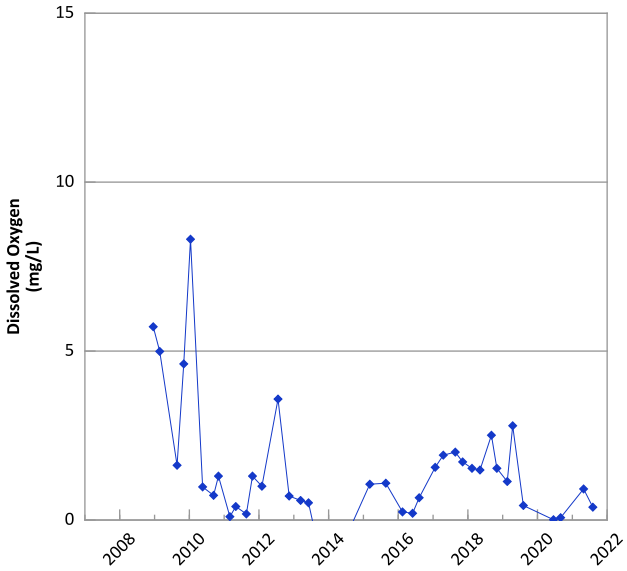
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 10/03/2007 to 08/04/2021
Analysis Date: 05/26/2022

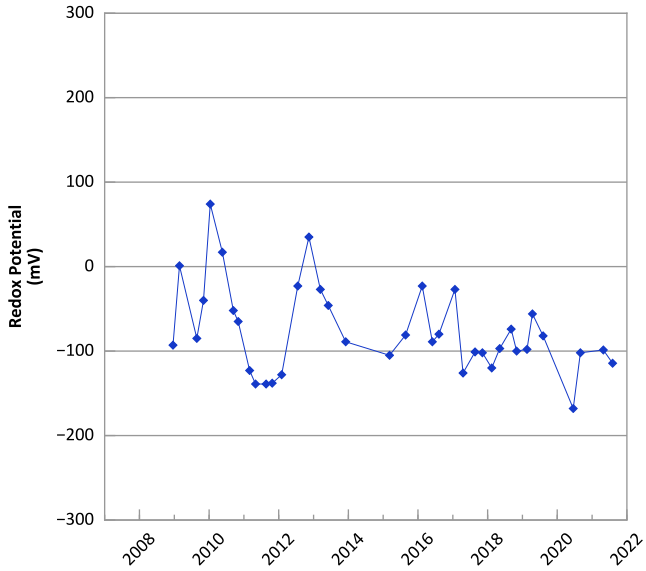
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

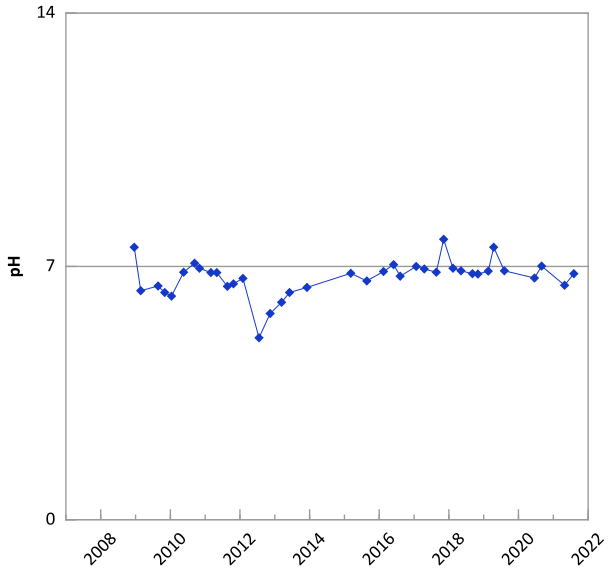
Well Location

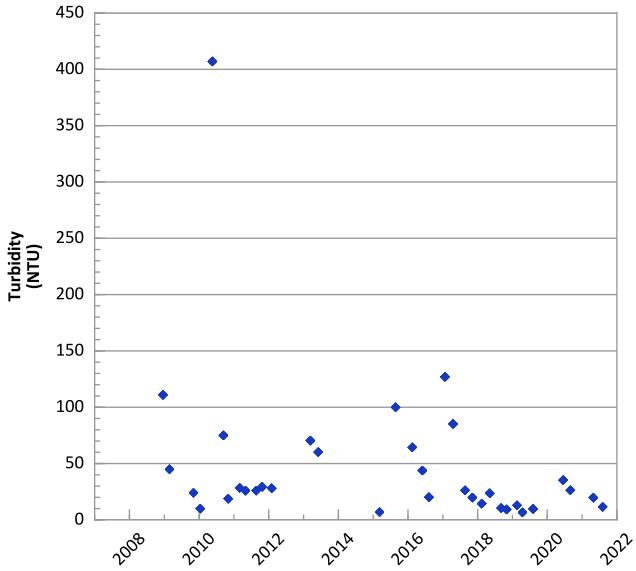


PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



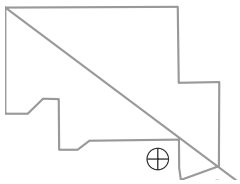






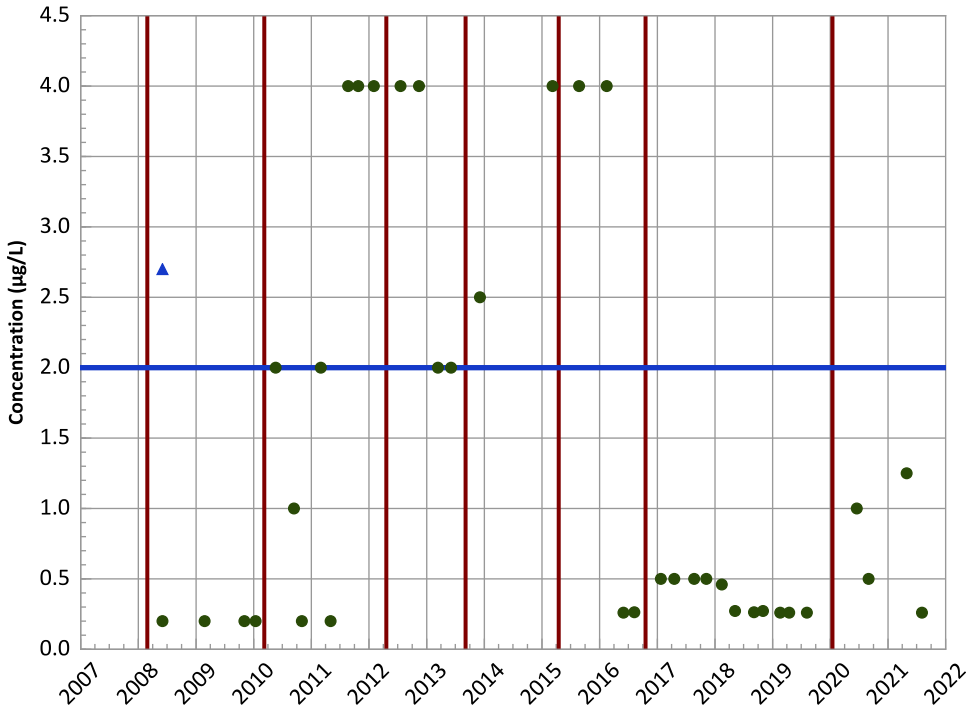
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

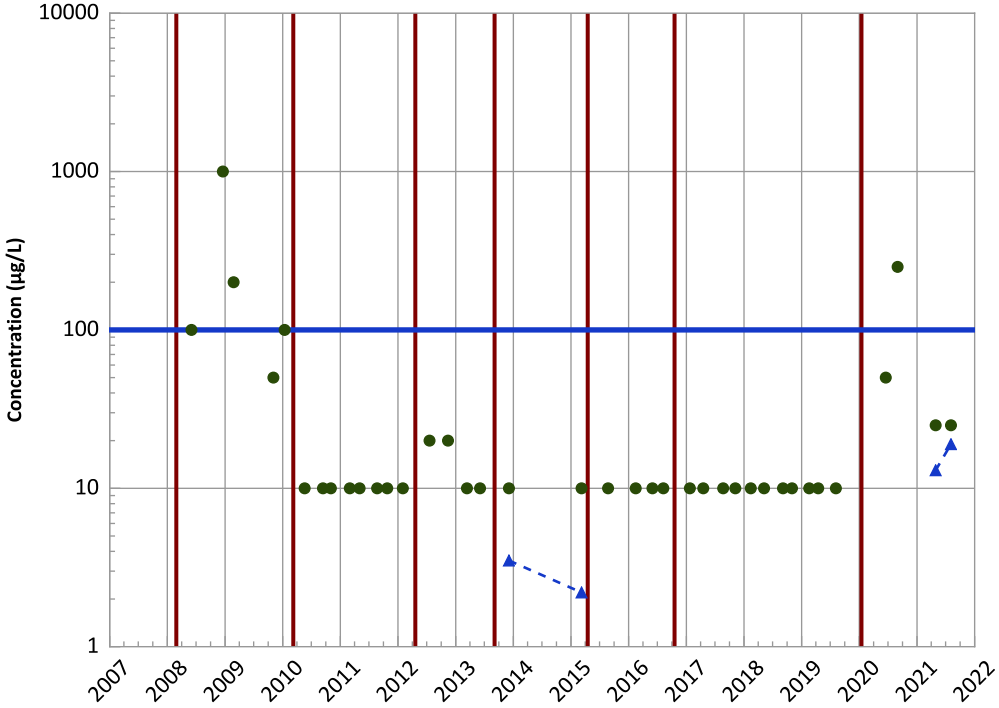


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

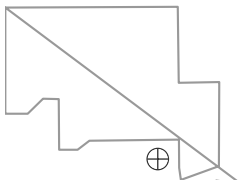
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing' 'Probably Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

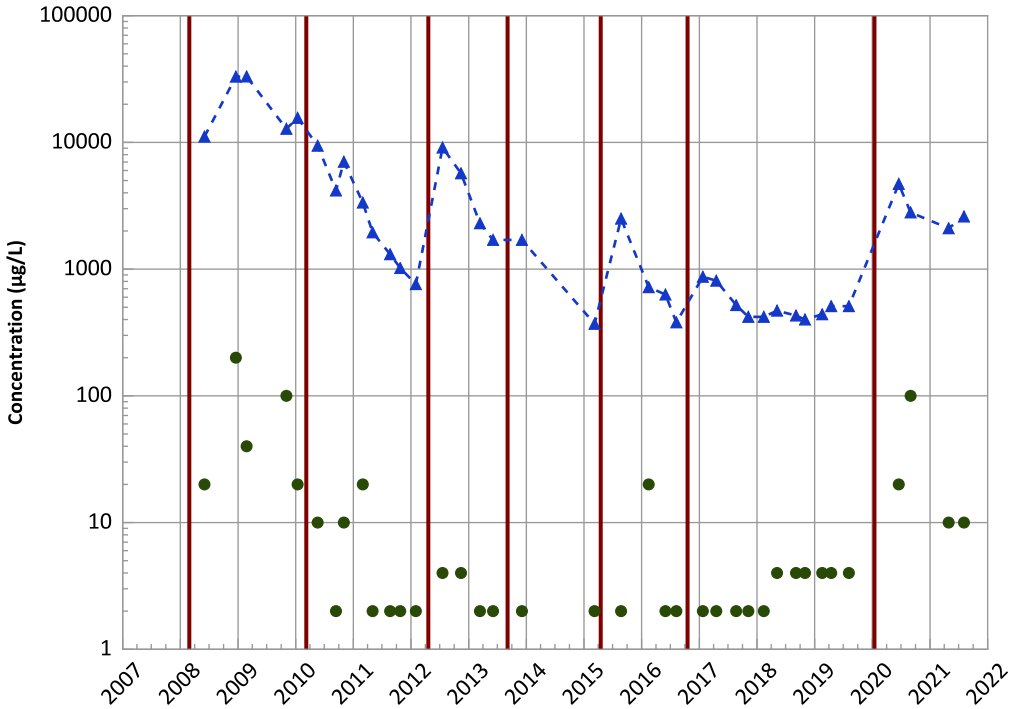
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

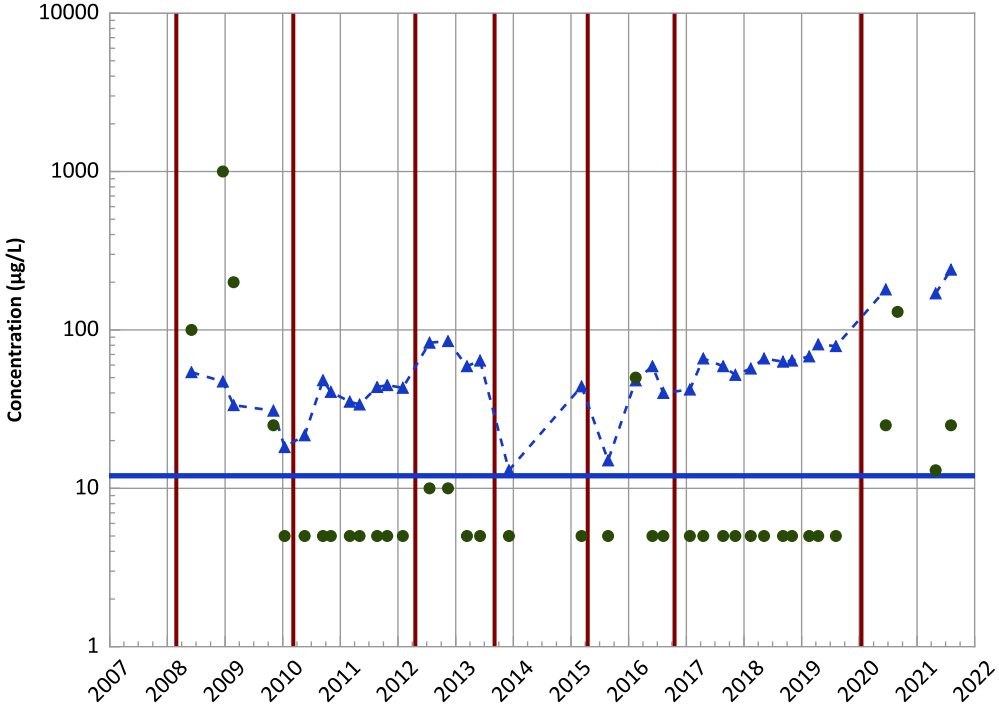


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Stable' 'Stable

Arsenic Trend



Concentration Trend

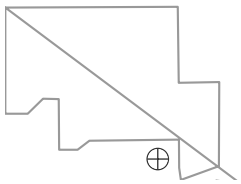
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

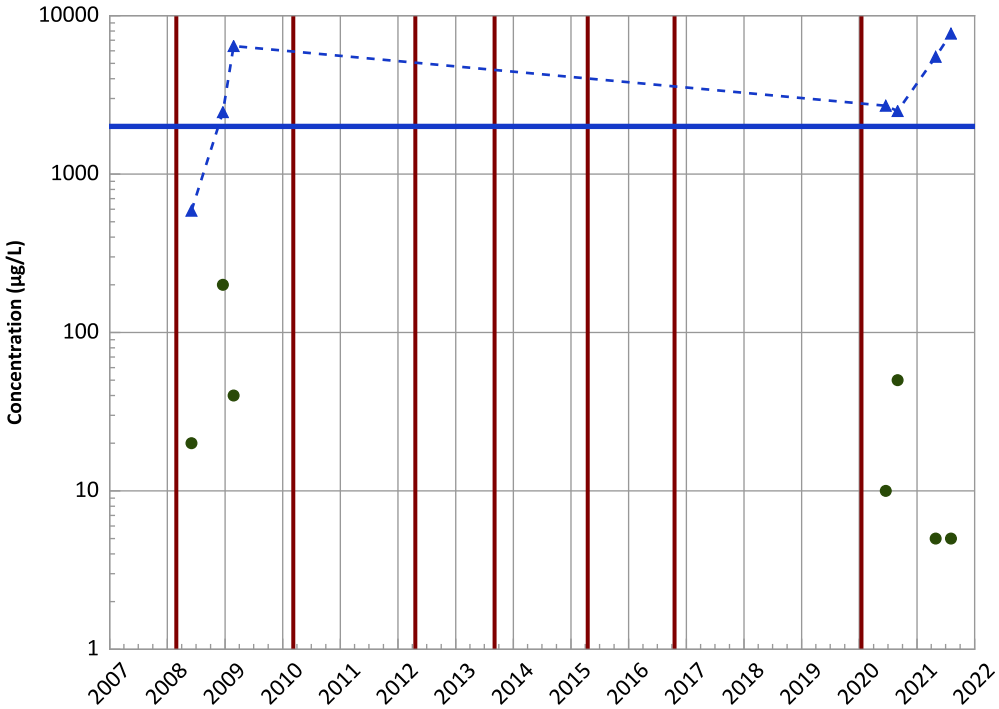
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

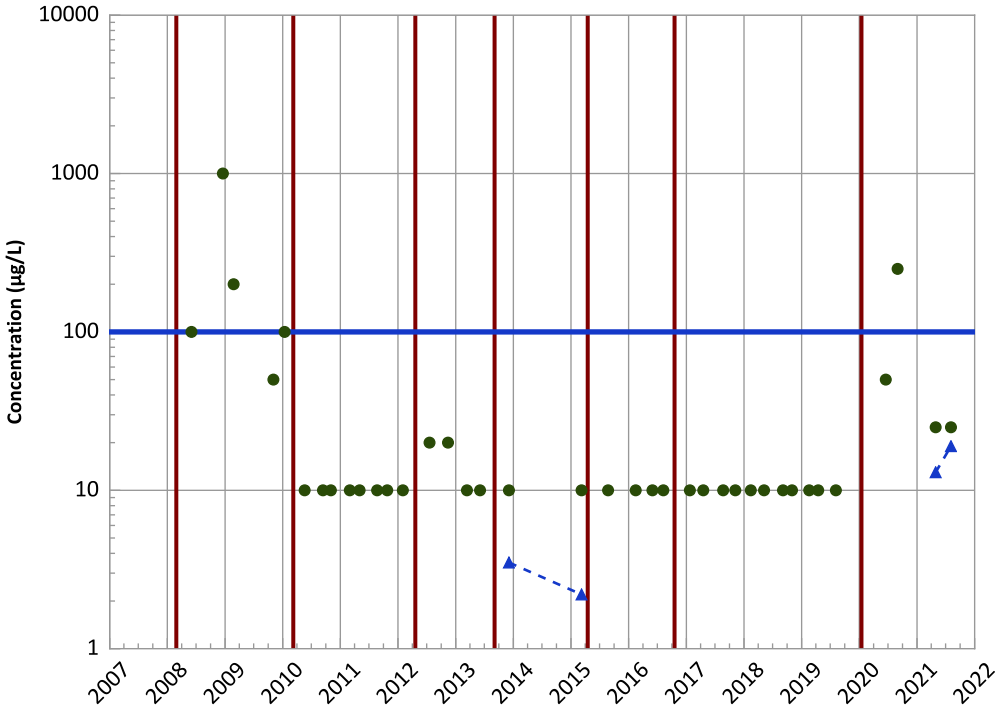


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

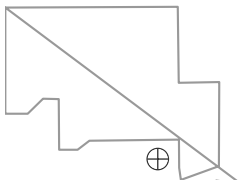
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing' 'Probably Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

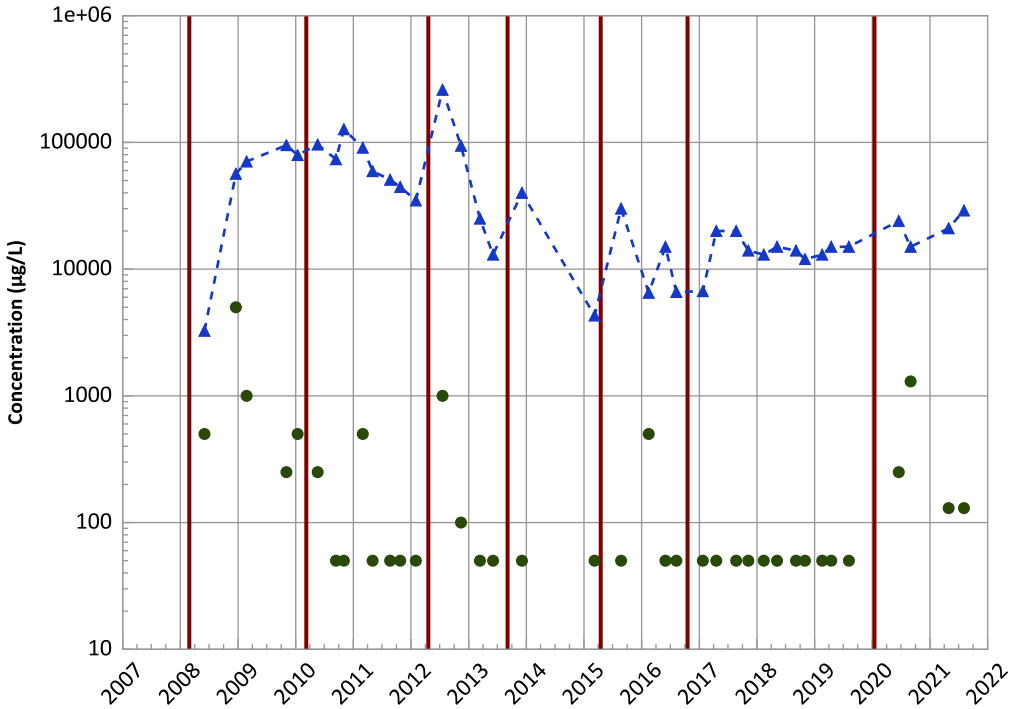
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

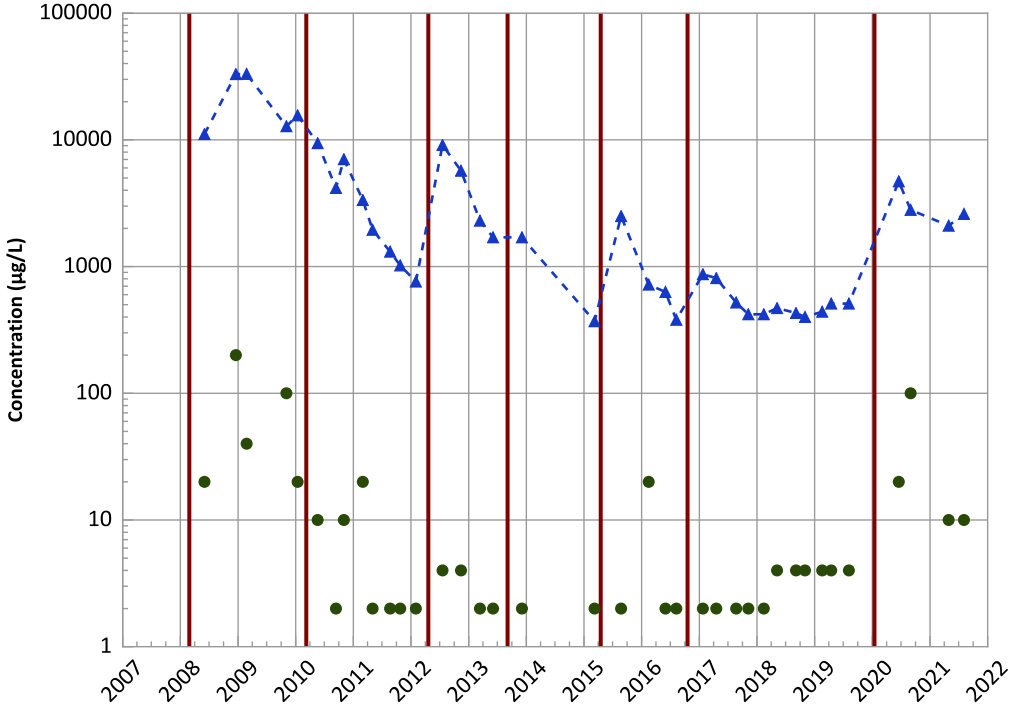


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

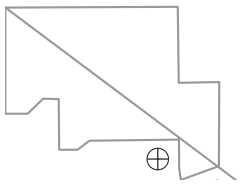
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Stable' 'Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

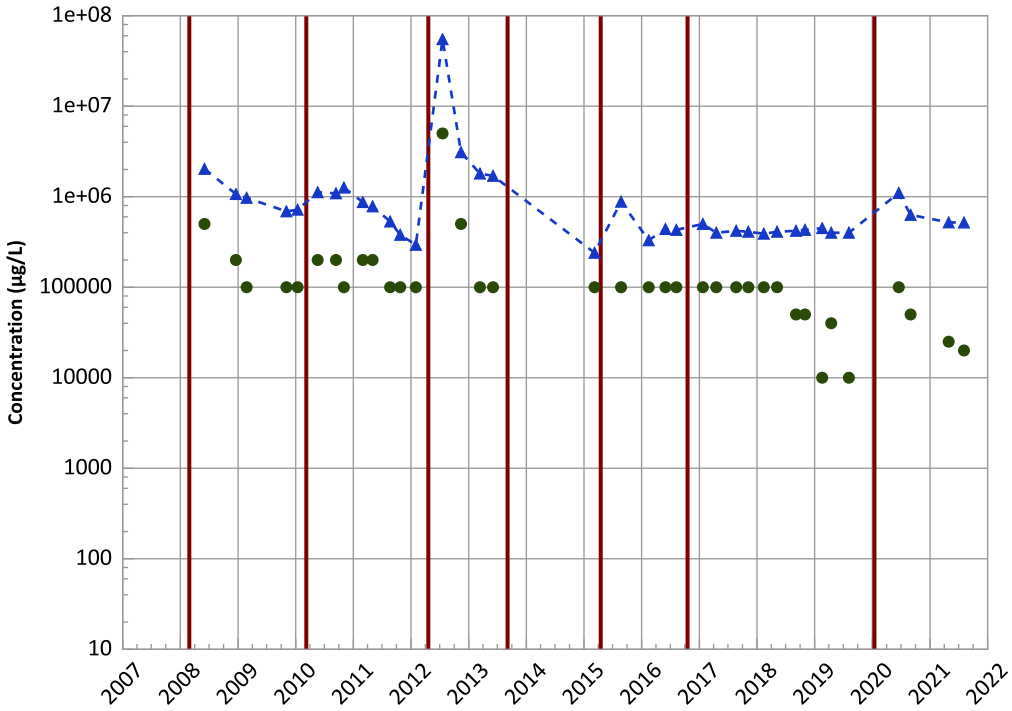
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

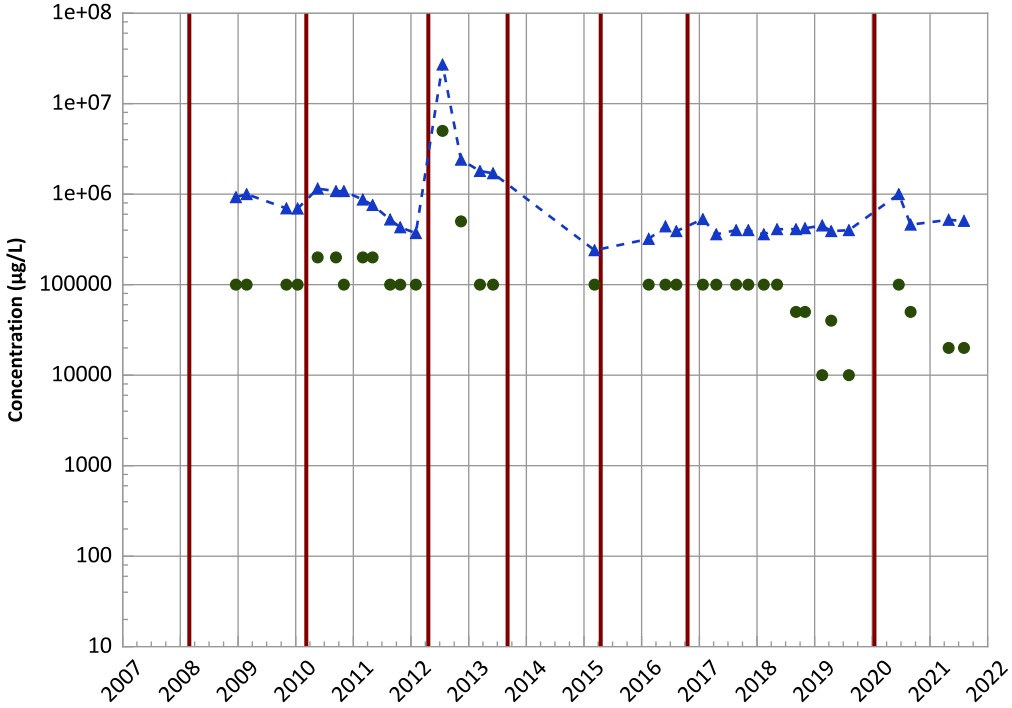


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Probably Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

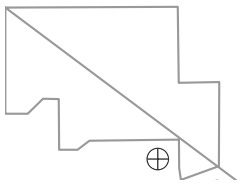
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

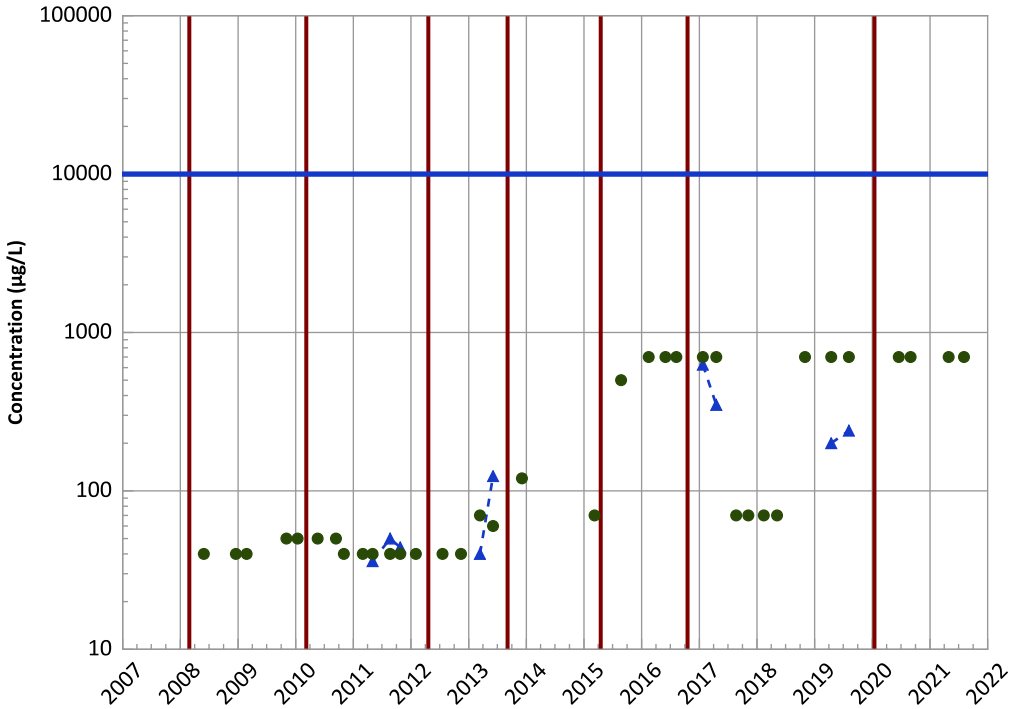
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB030B in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

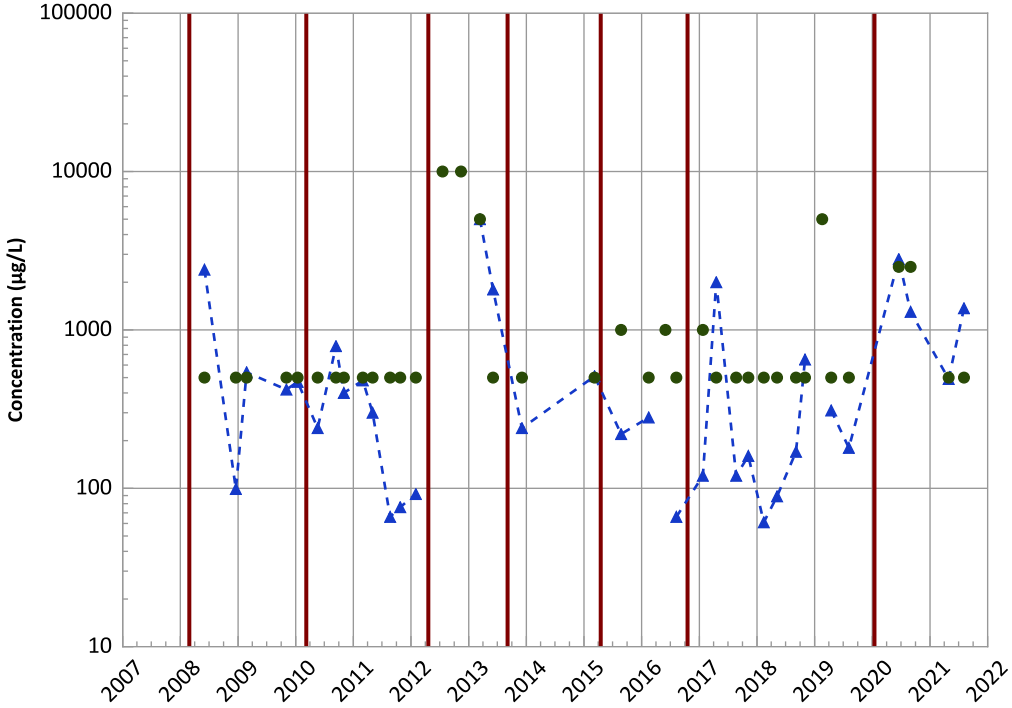


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

Sulfate (as SO4) Trend



Concentration Trend

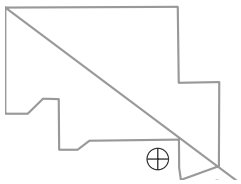
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

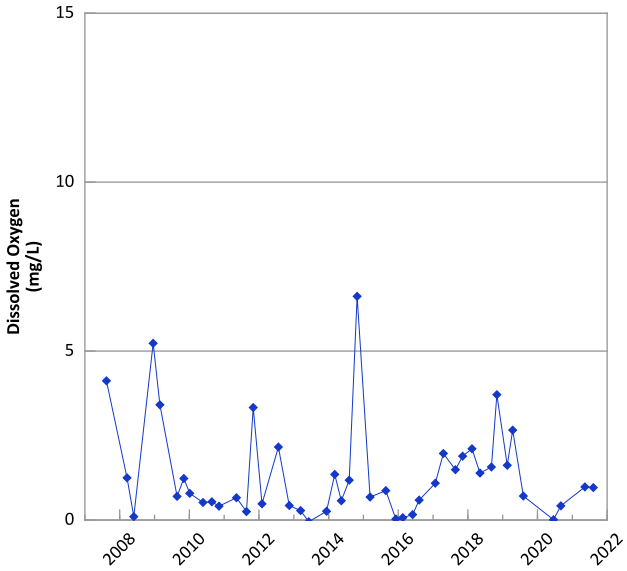
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/29/2008 to 08/04/2021
Analysis Date: 05/26/2022

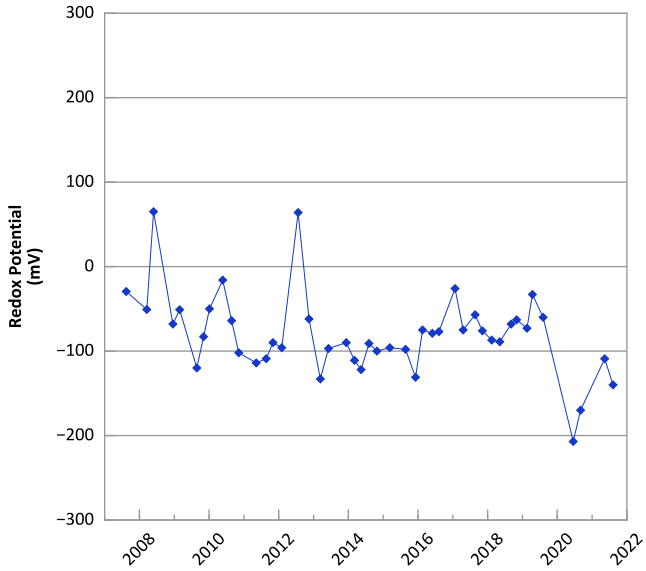
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

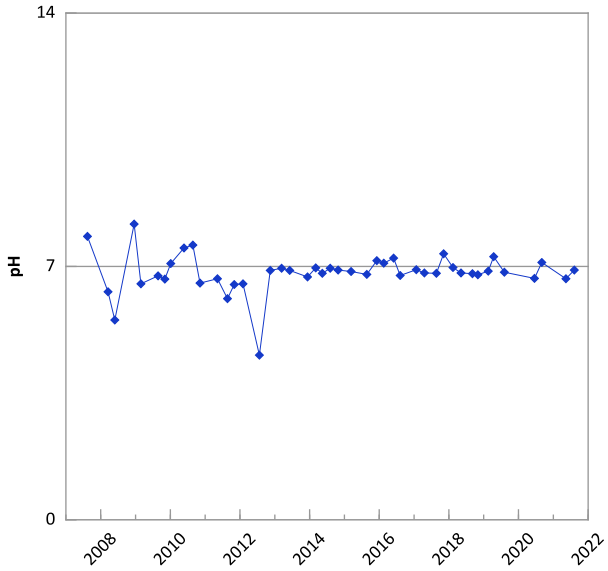
Well Location

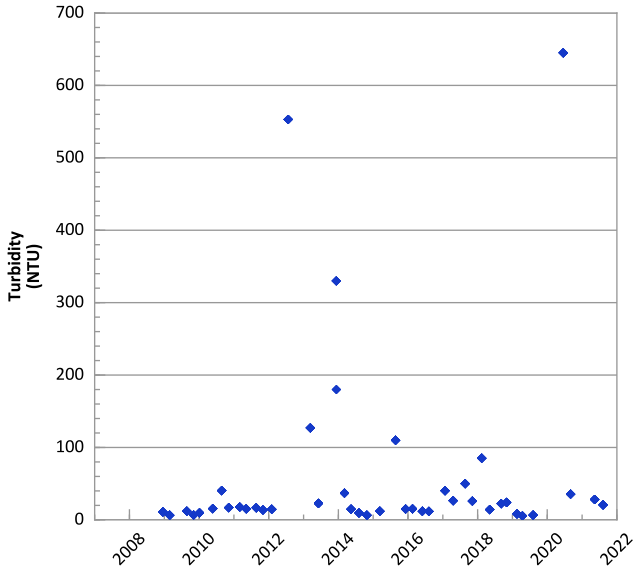


PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



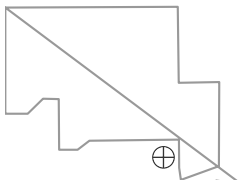






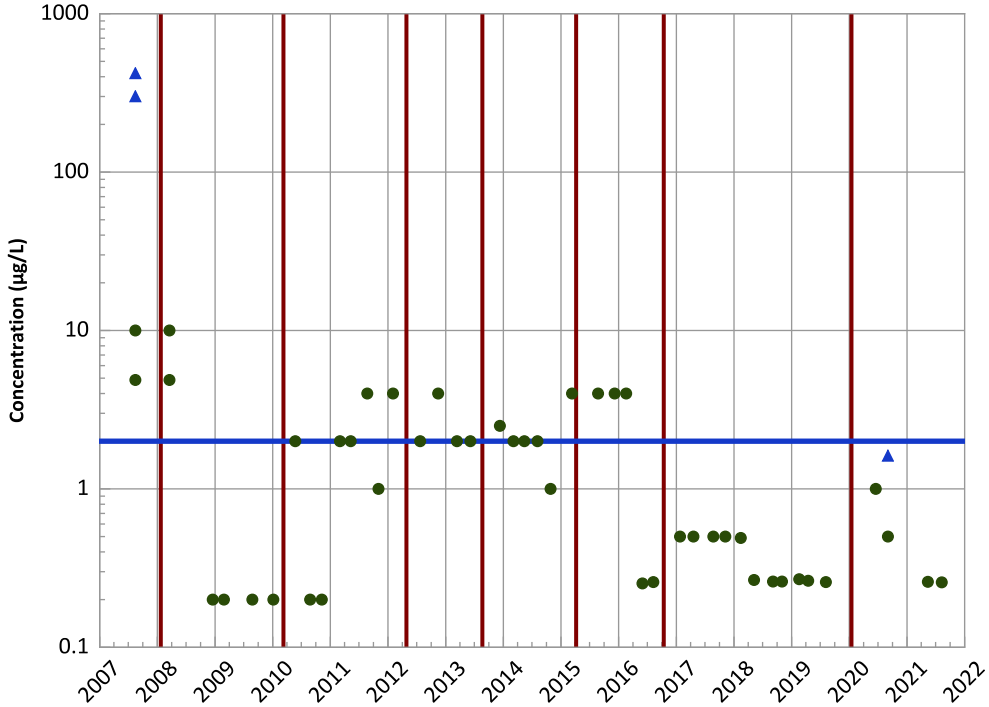
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

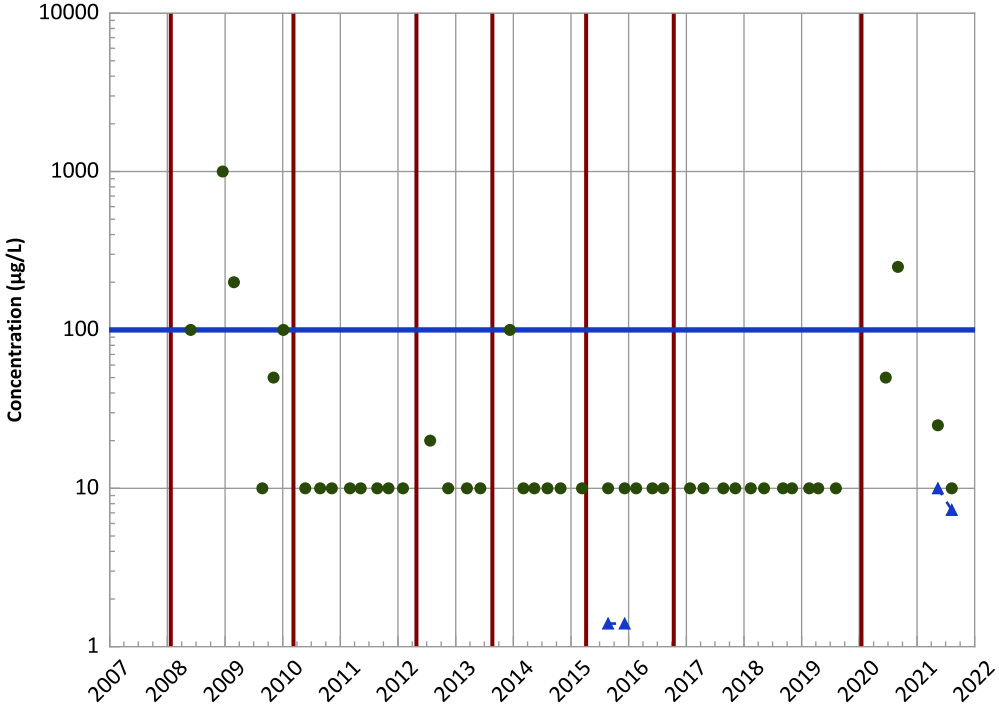


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

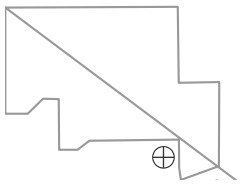
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

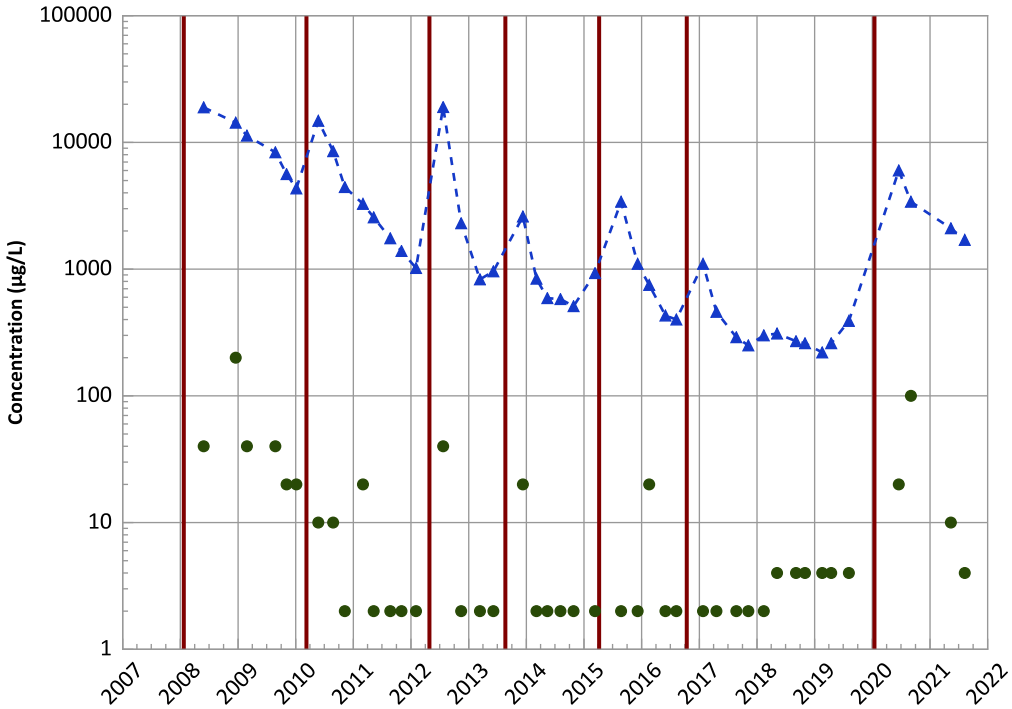
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

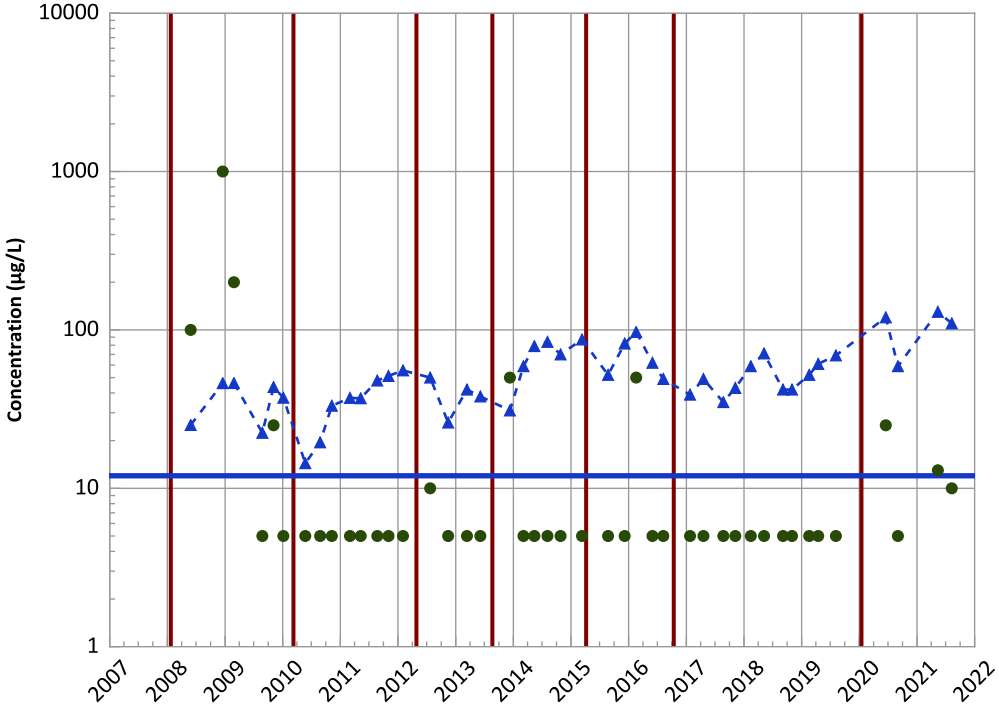


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Arsenic Trend



Concentration Trend

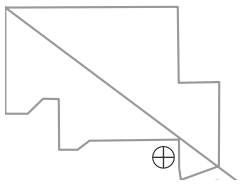
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

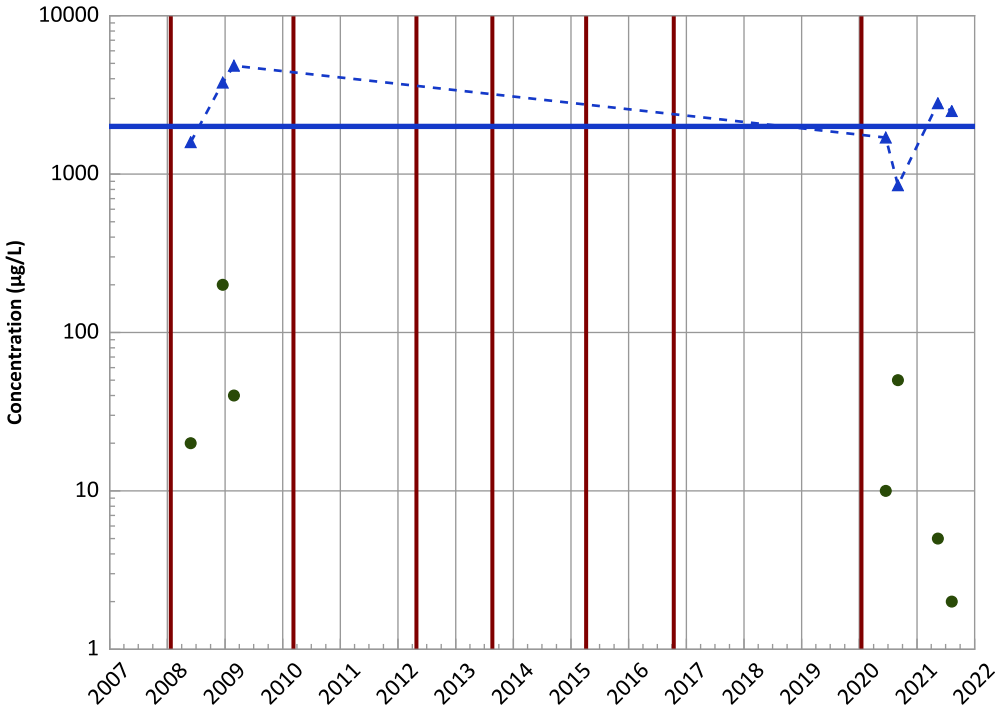
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

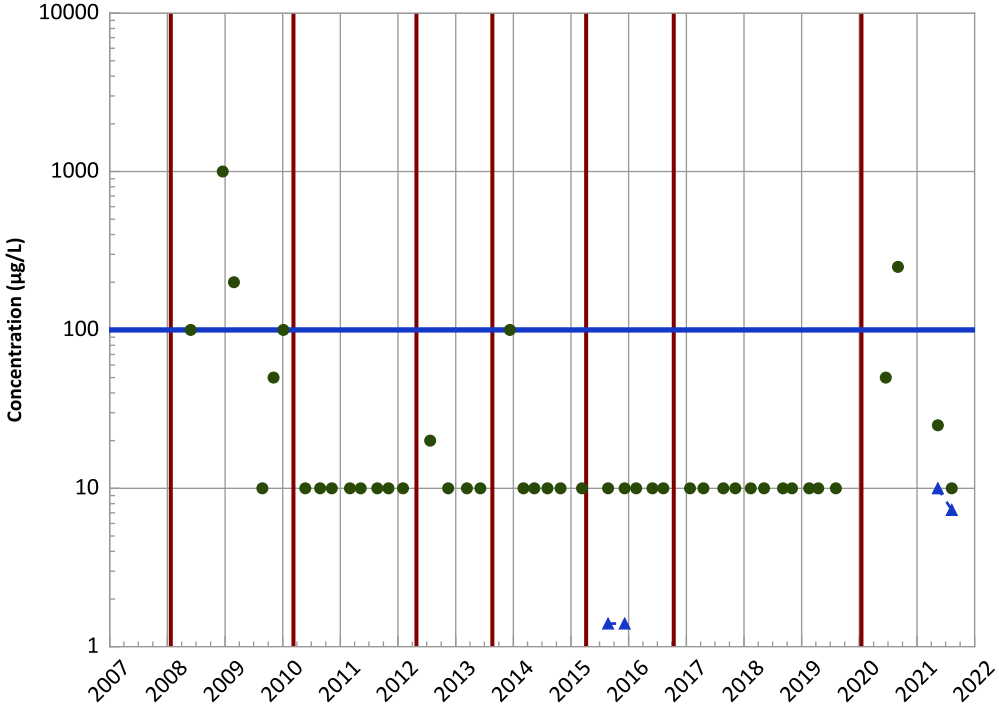


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

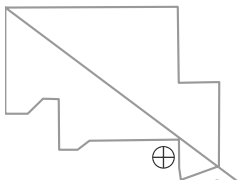
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

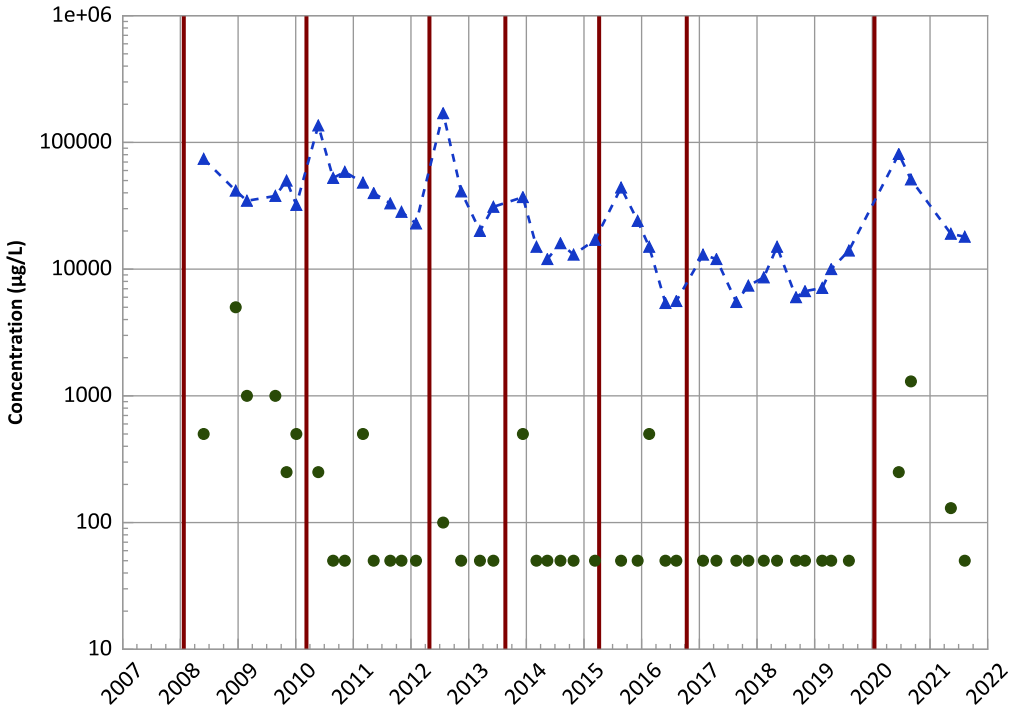
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

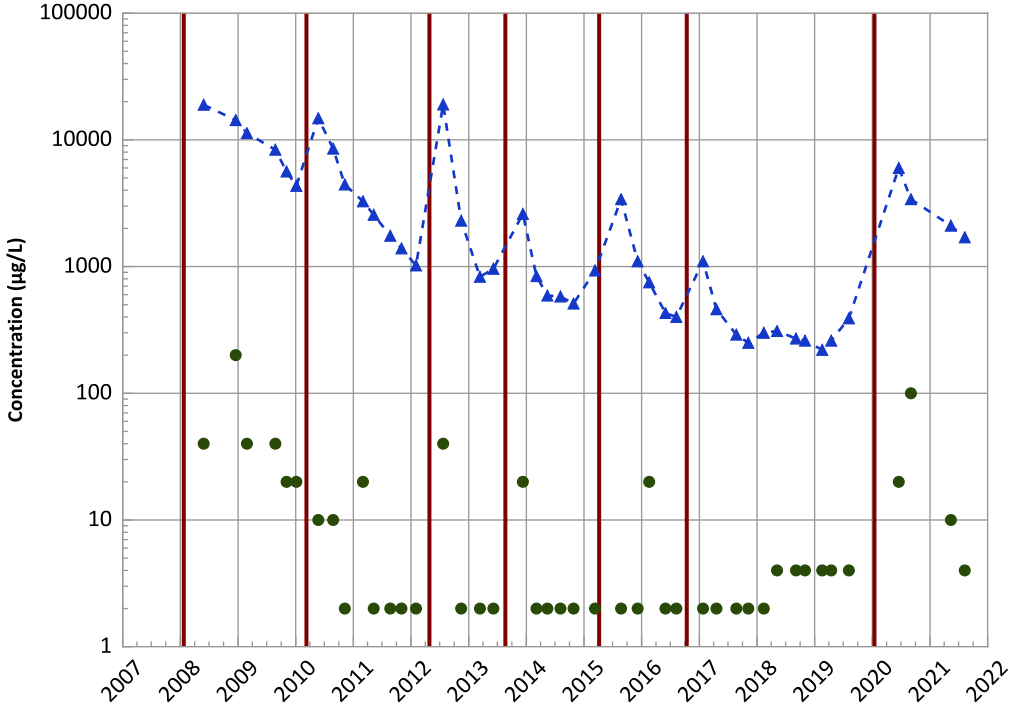


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Manganese Trend



Concentration Trend

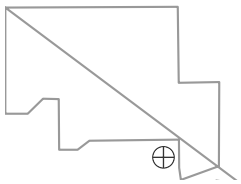
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

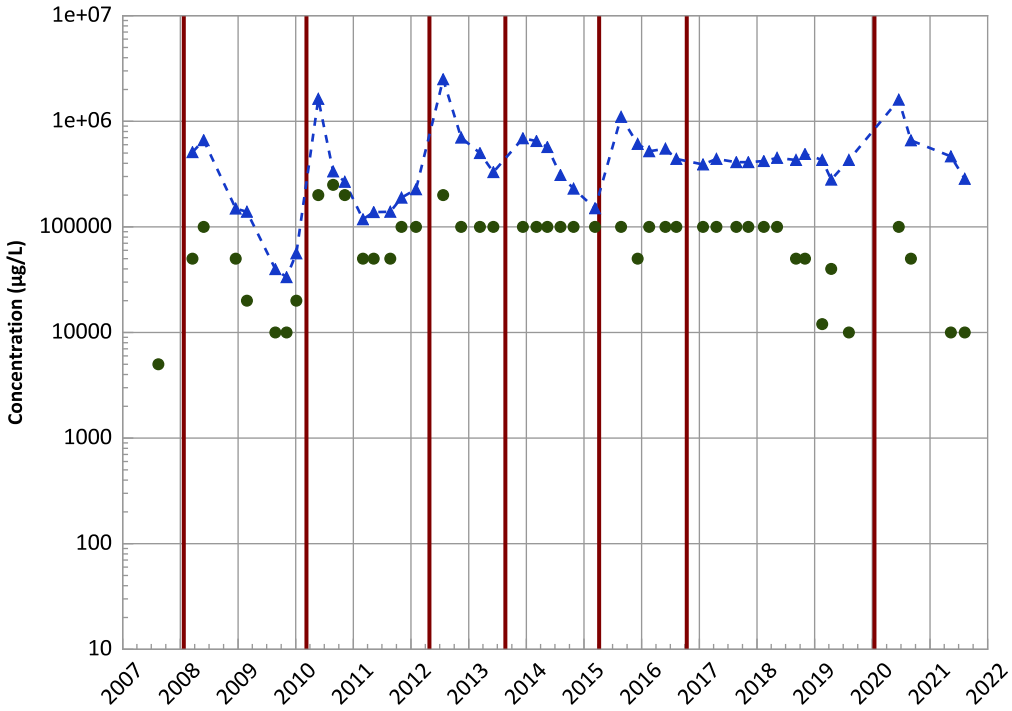
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

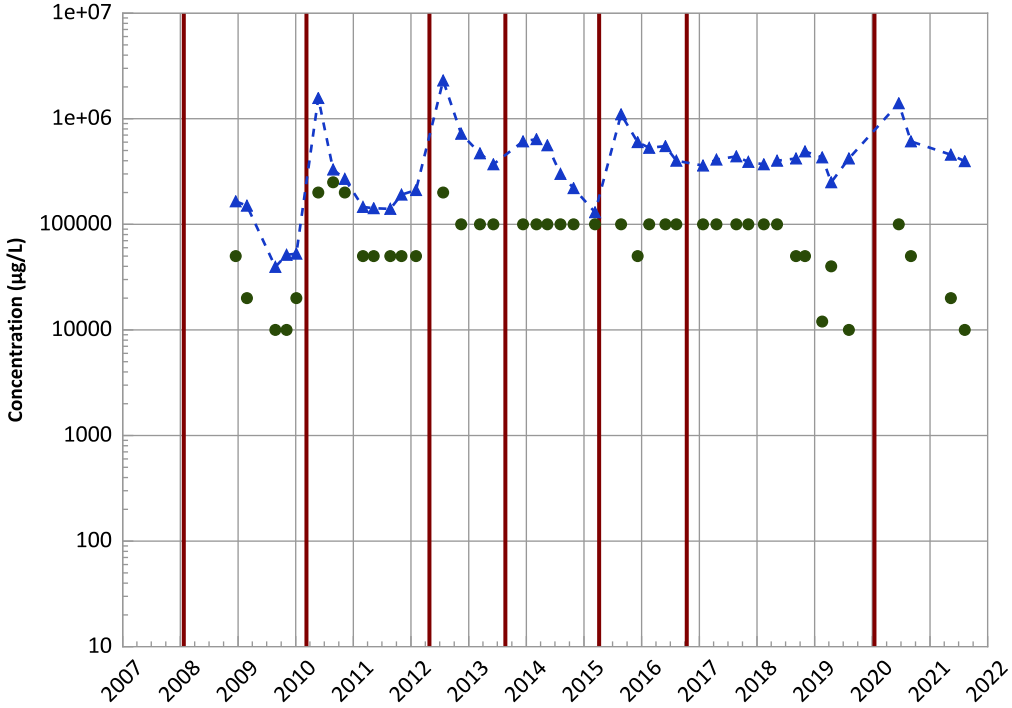


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

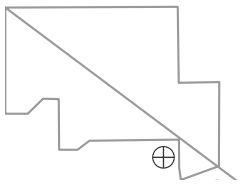
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

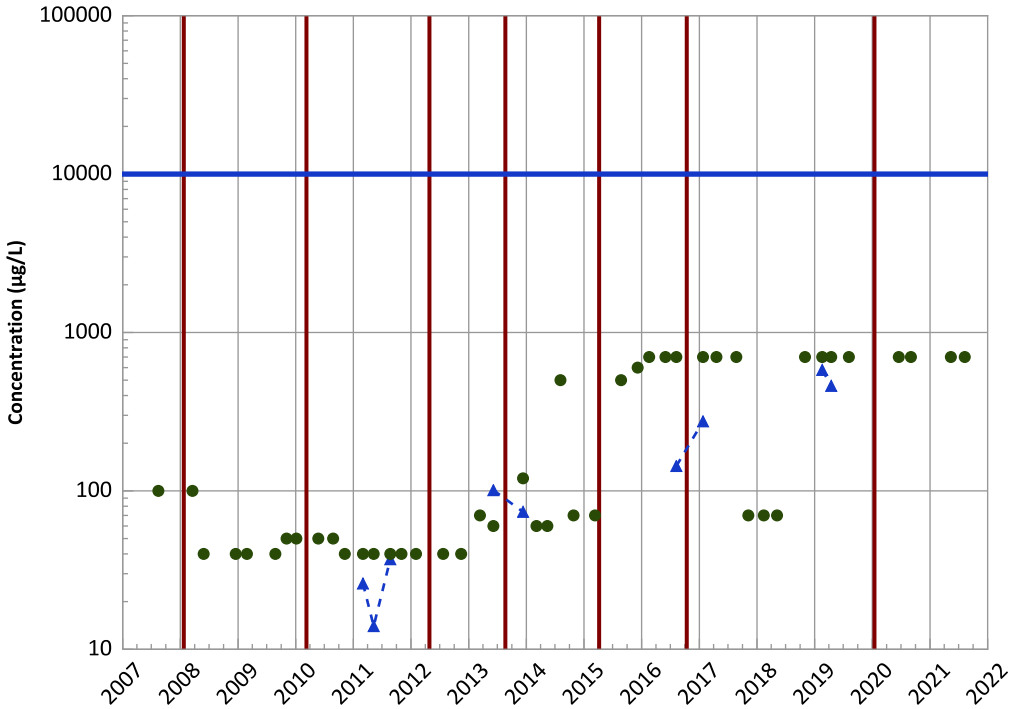
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB038 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

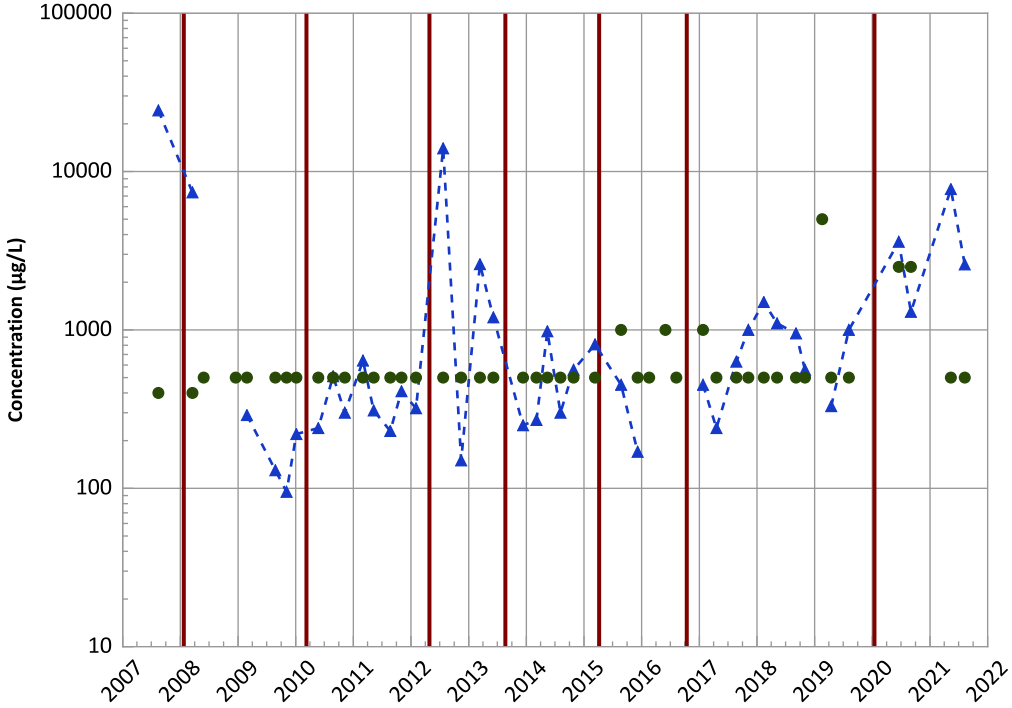


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Sulfate (as SO4) Trend



Concentration Trend

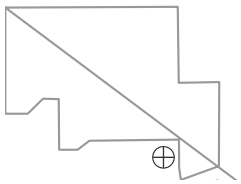
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

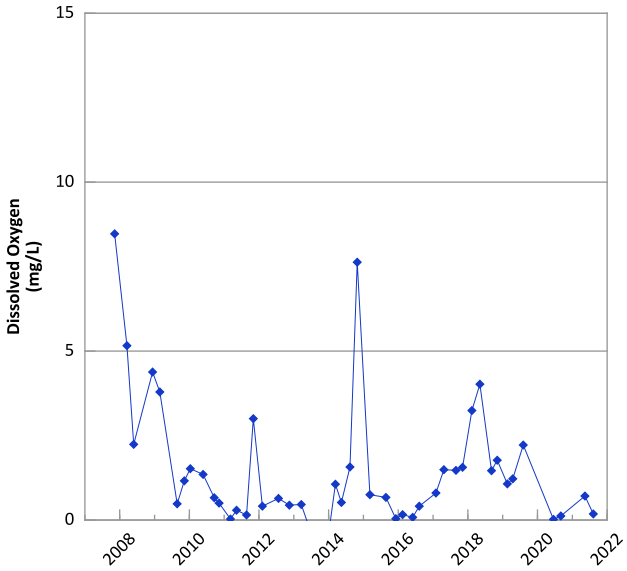
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/15/2007 to 08/09/2021
Analysis Date: 05/26/2022

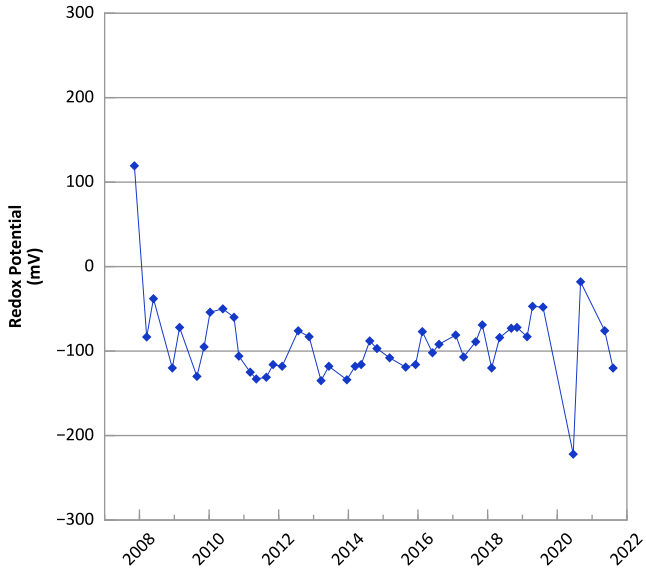
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

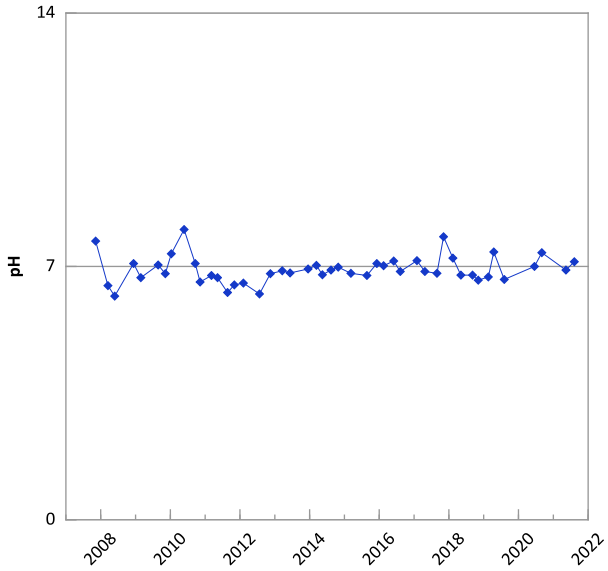
Well Location

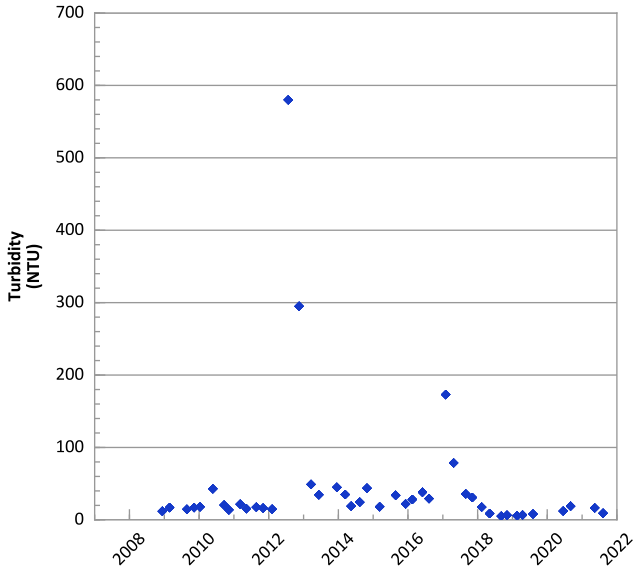


PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



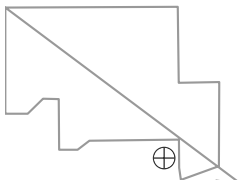






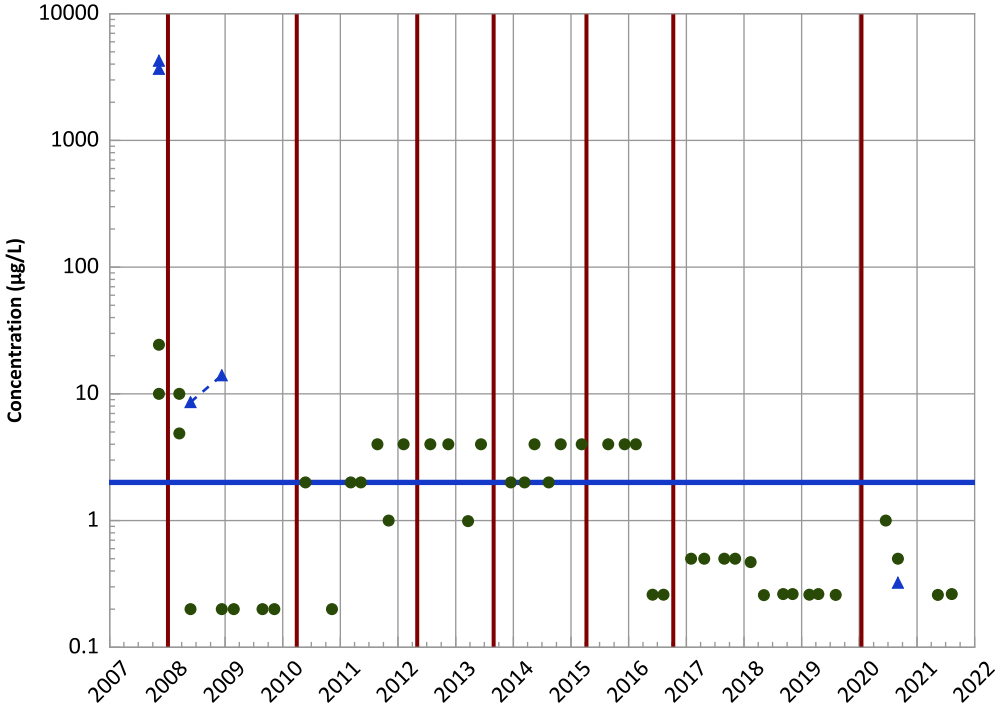
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

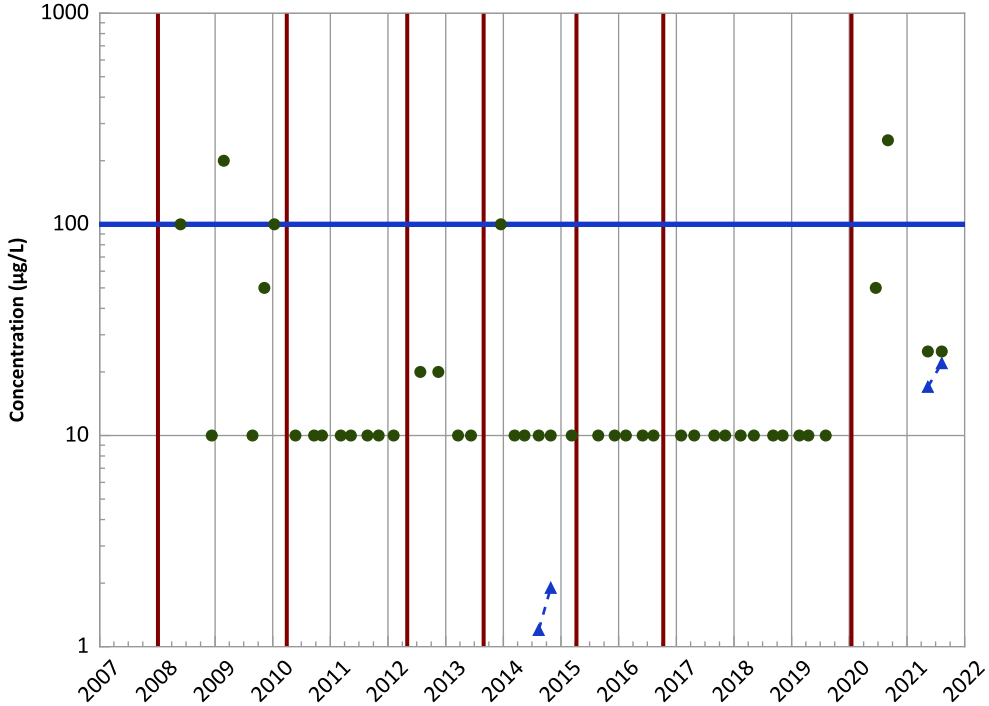


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

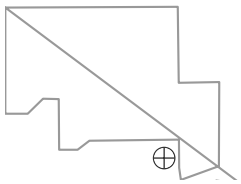
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

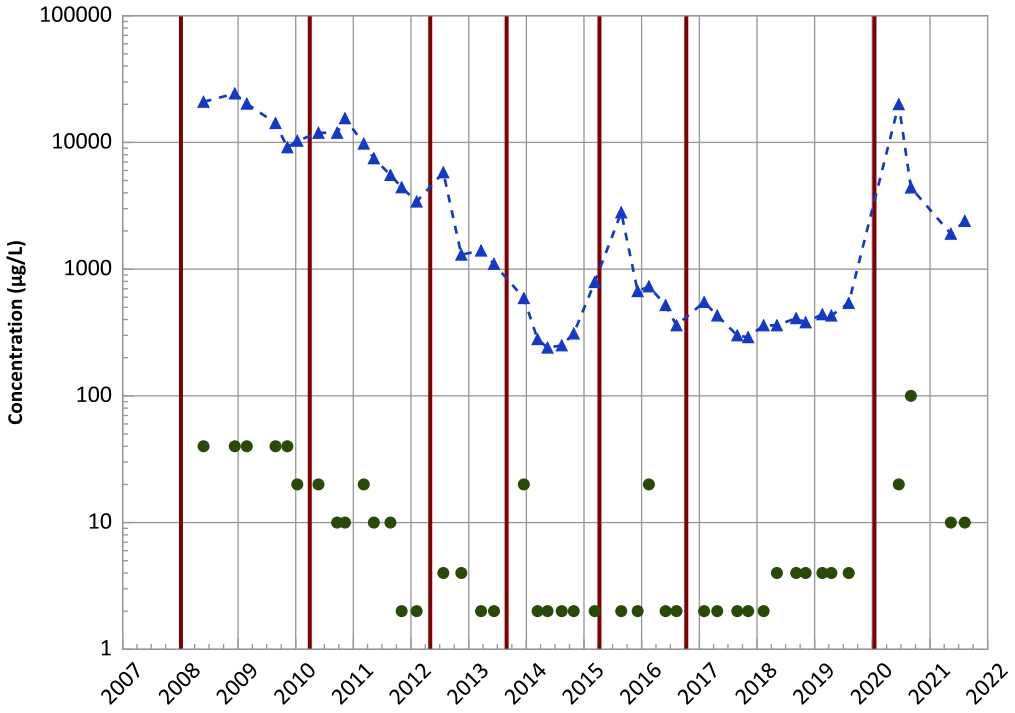
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

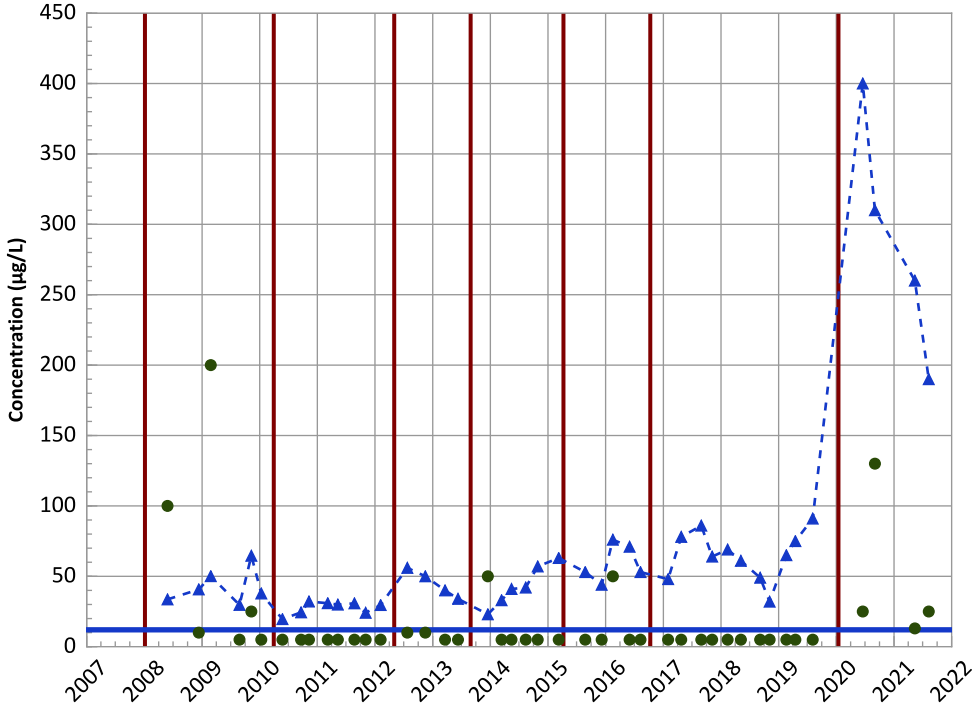


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Probably Decreasing' 'Probably Decreasing

Arsenic Trend



Concentration Trend

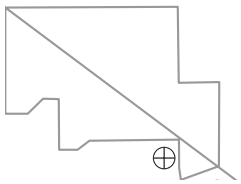
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

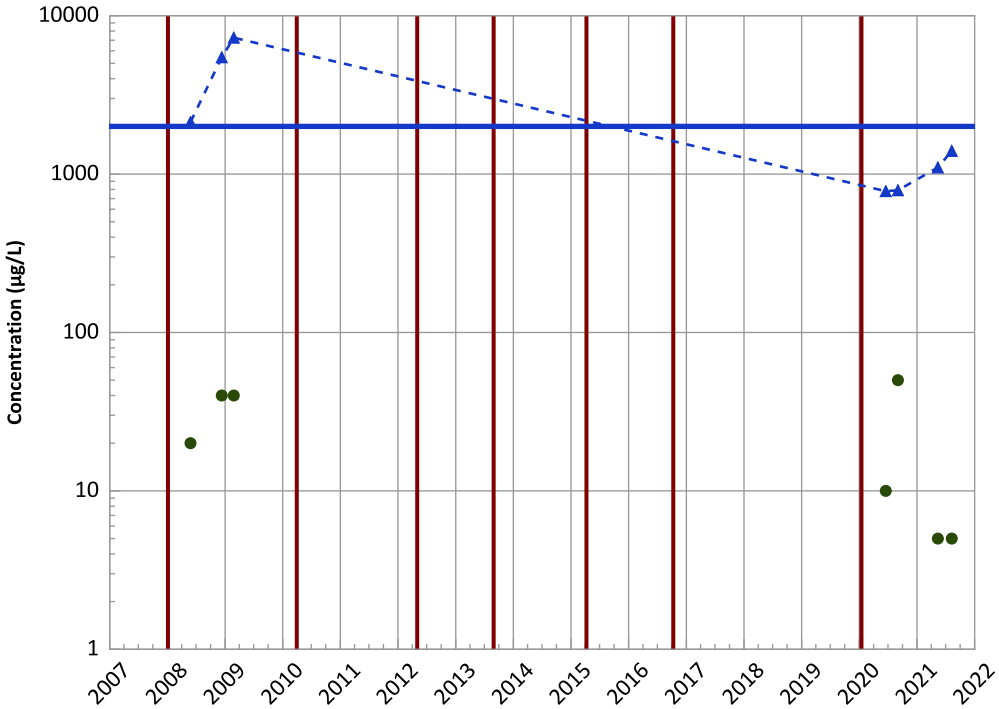
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

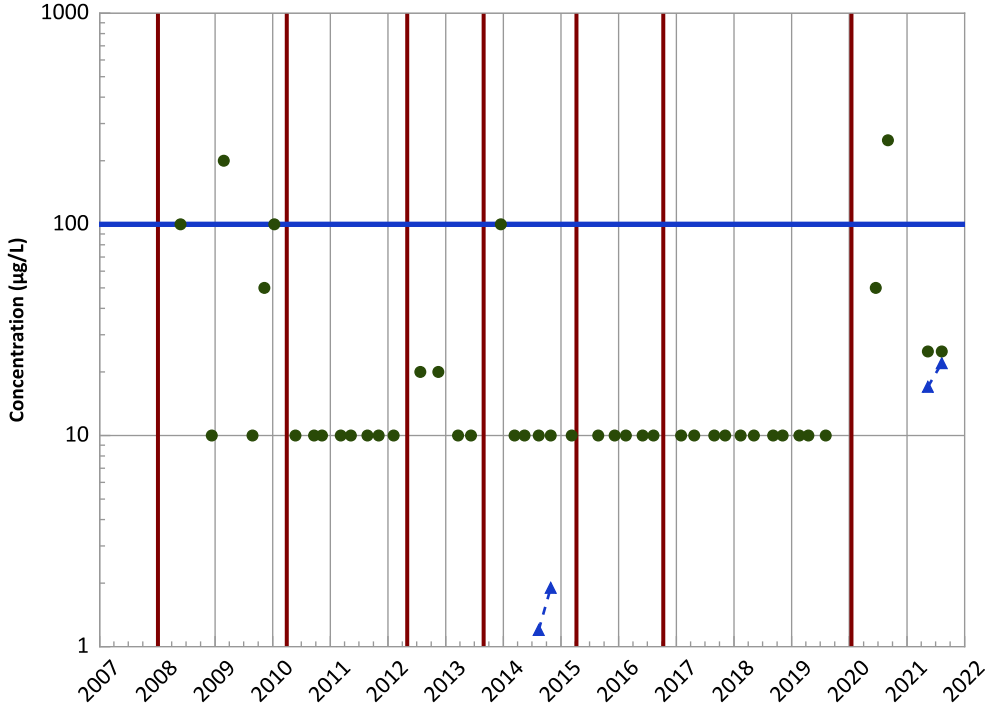


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Chromium, Total Trend



Concentration Trend

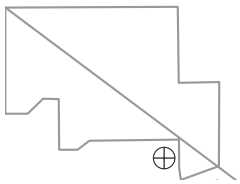
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

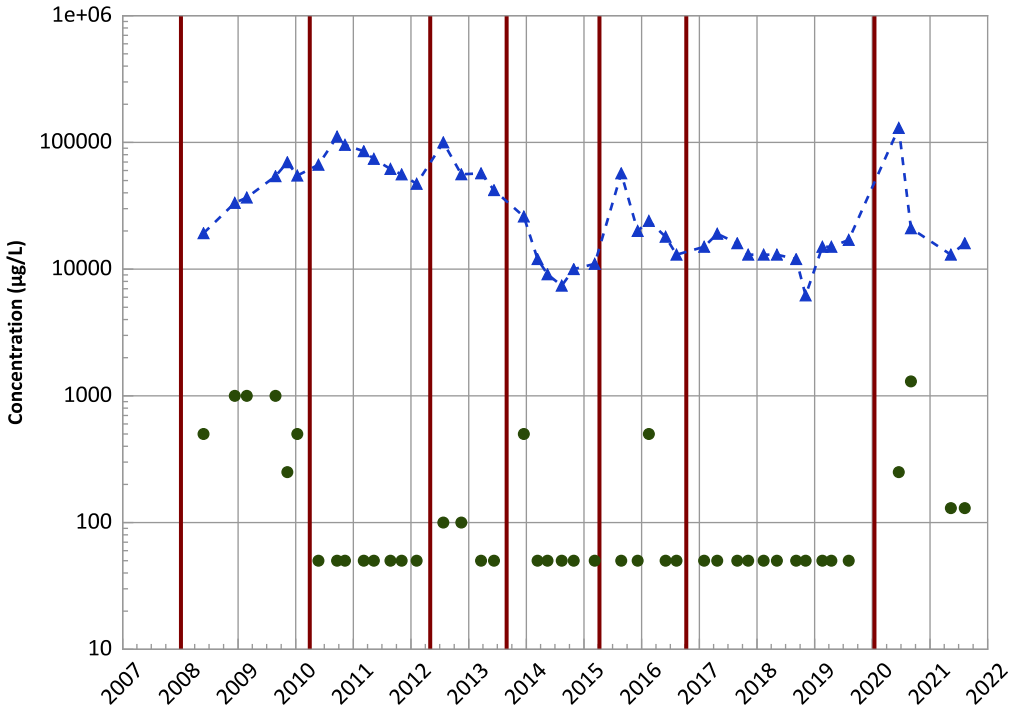
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

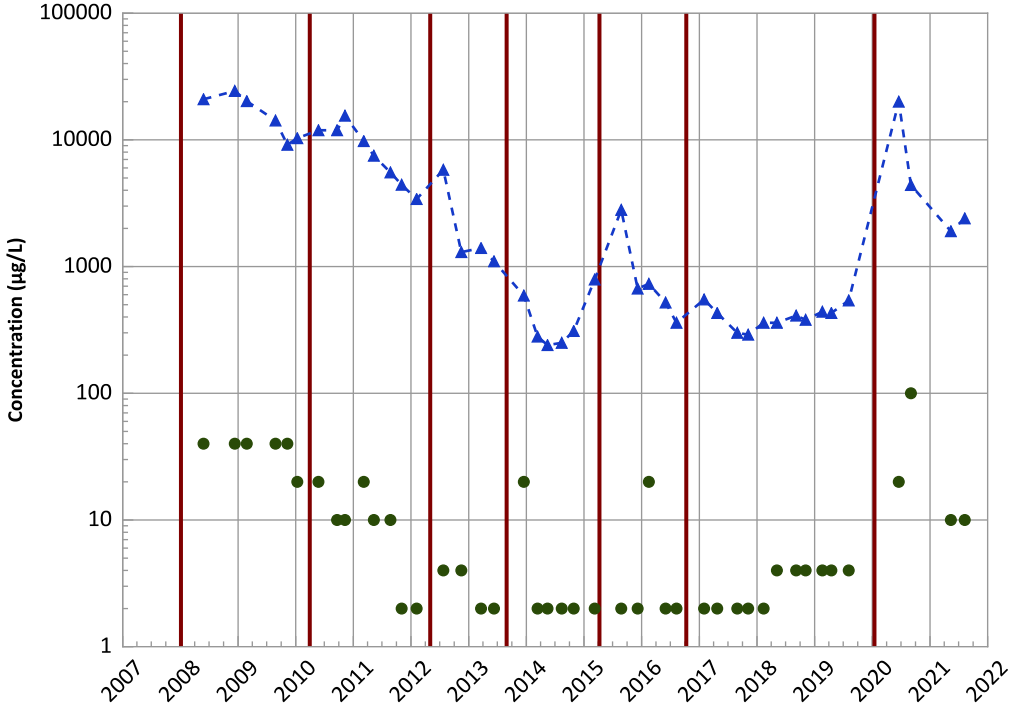


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Probably Decreasing

Manganese Trend



Concentration Trend

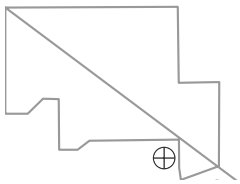
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Probably Decreasing' 'Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

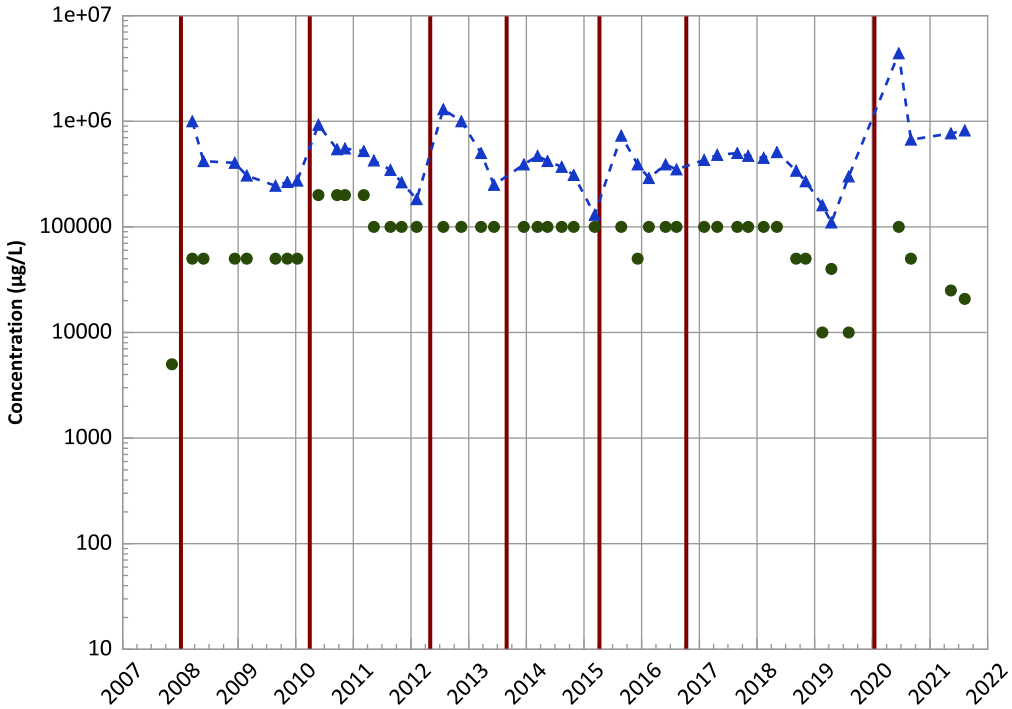
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

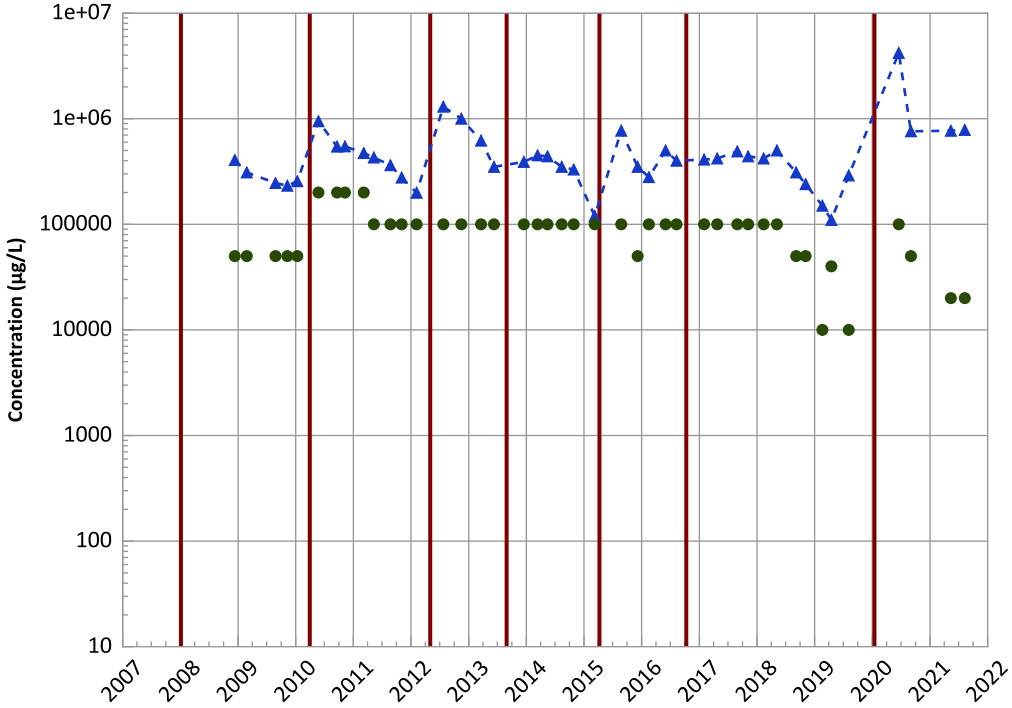


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

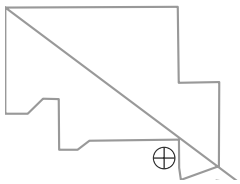
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

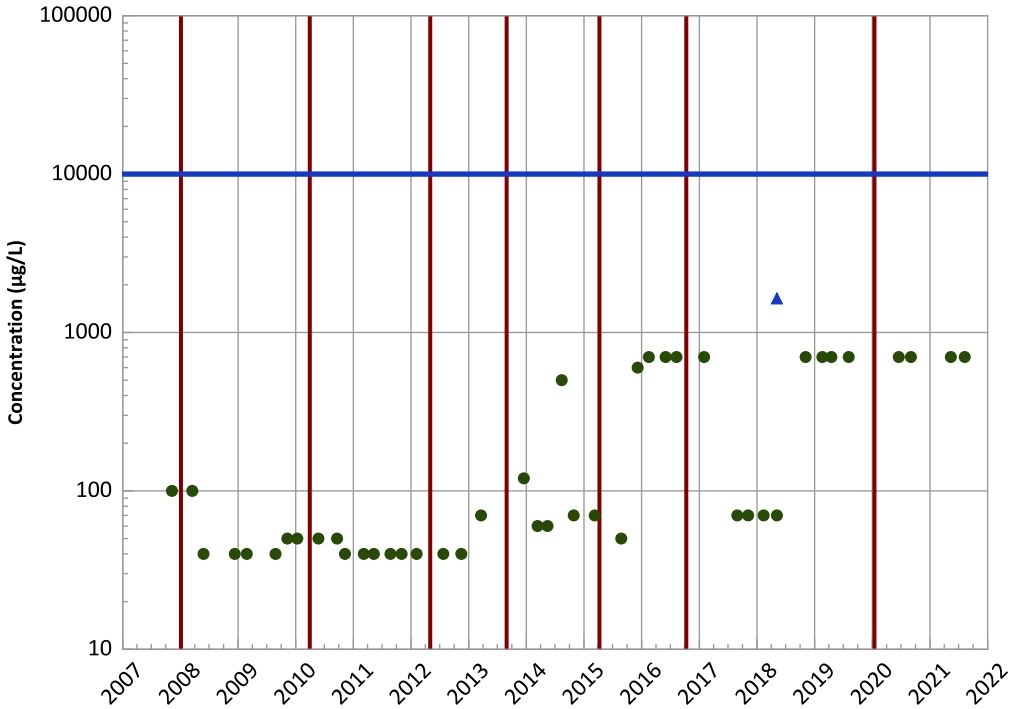
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB046 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

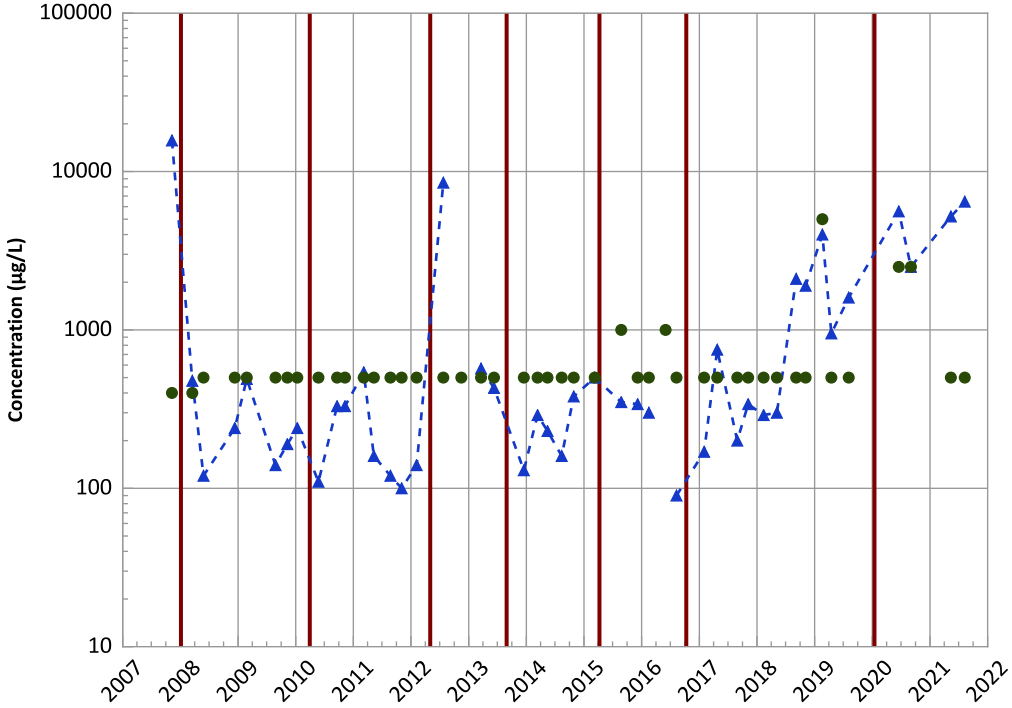


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Sulfate (as SO4) Trend



Concentration Trend

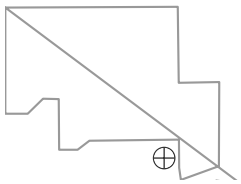
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

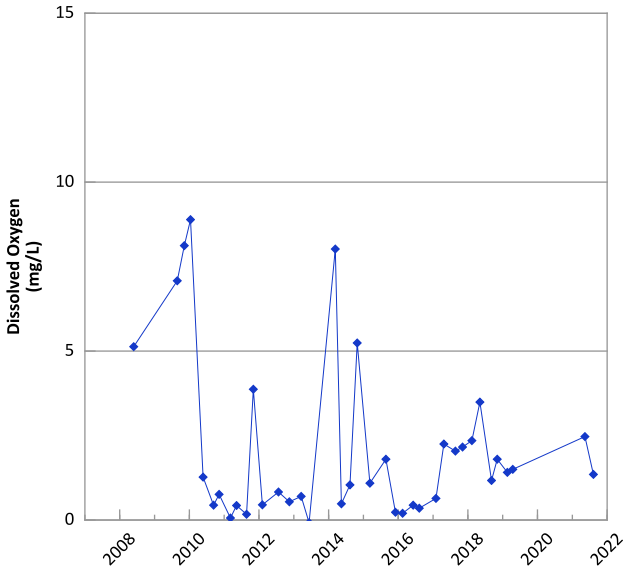
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/09/2007 to 08/09/2021
Analysis Date: 05/26/2022

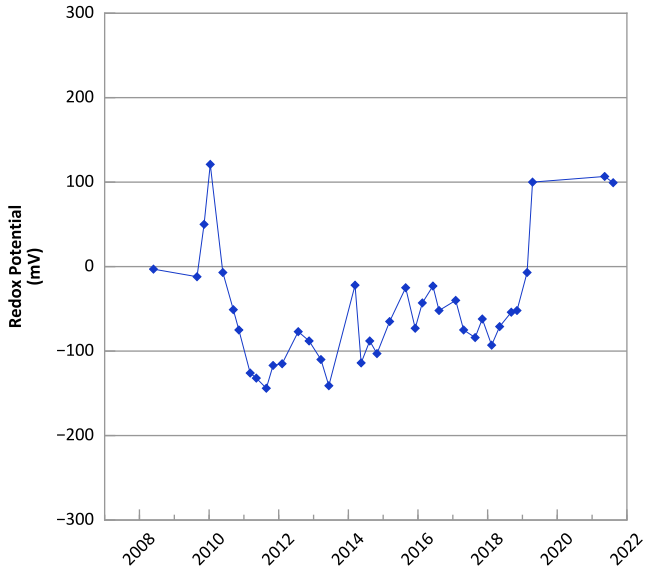
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

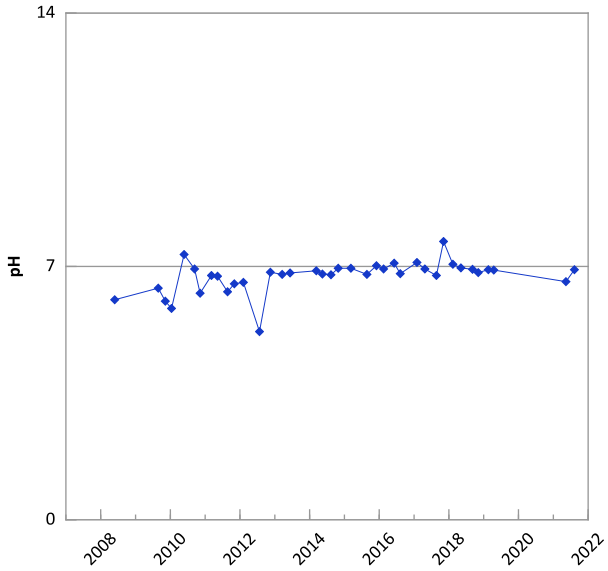
Well Location

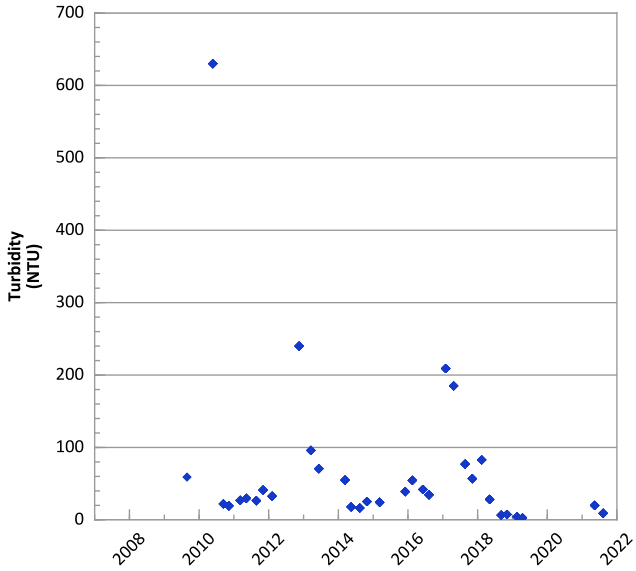


PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



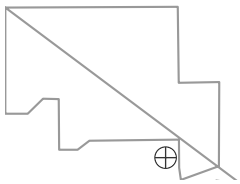






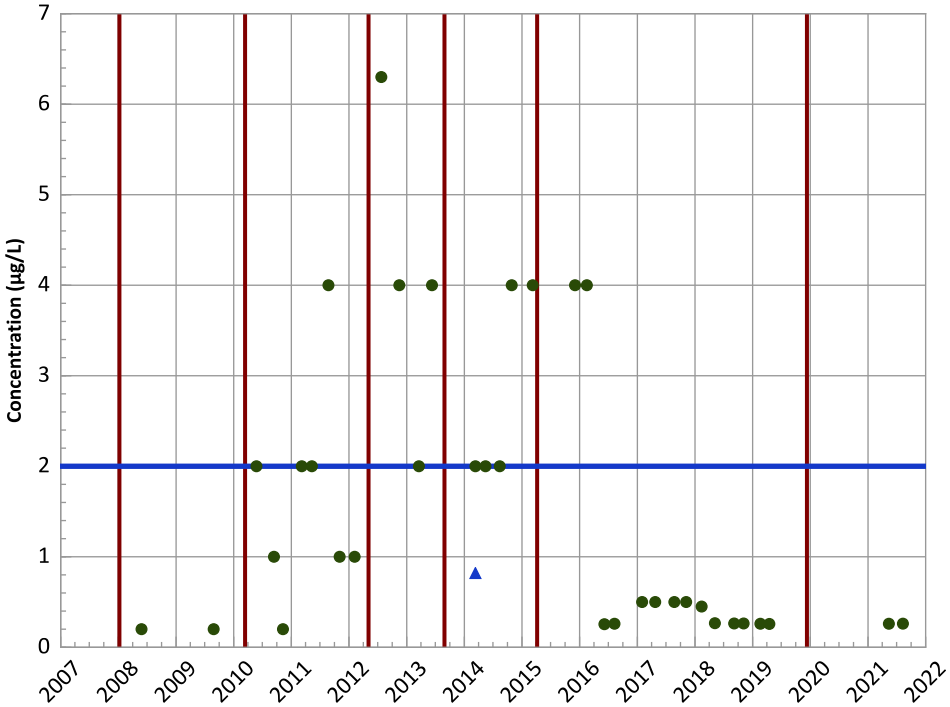
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

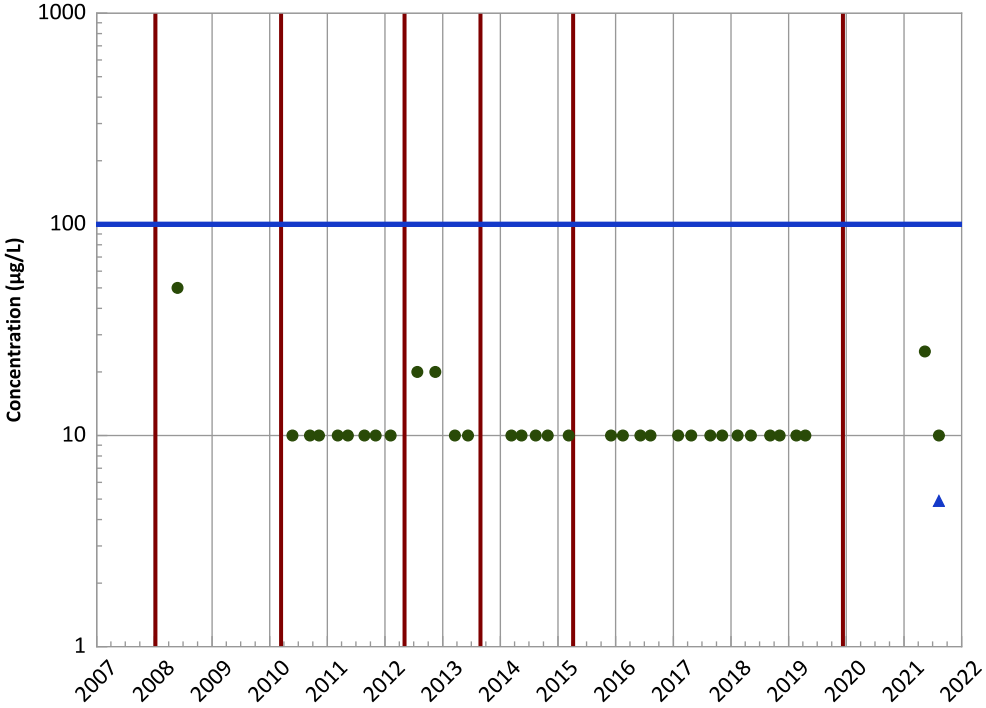


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

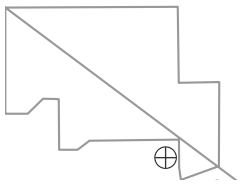
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

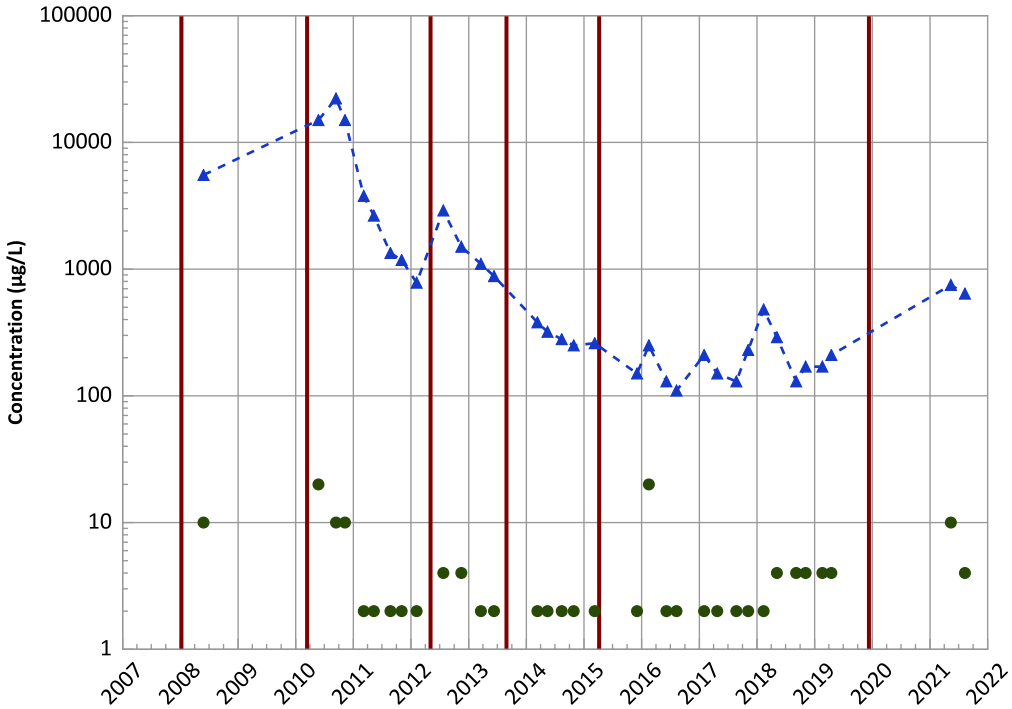
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

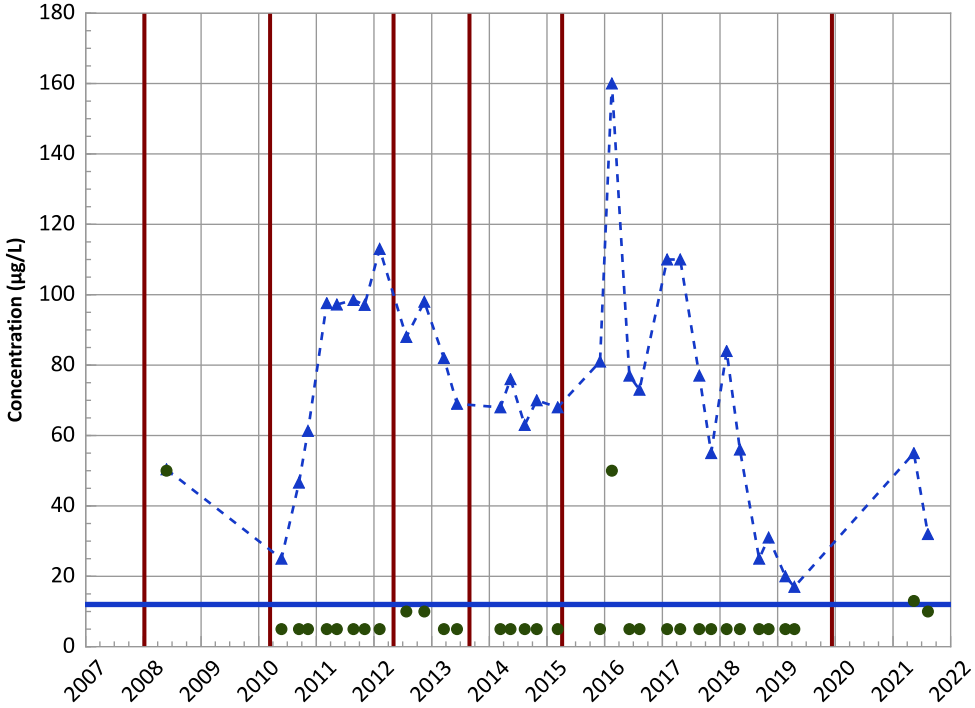


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Arsenic Trend



Concentration Trend

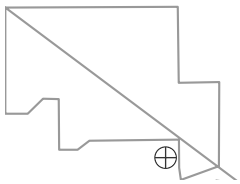
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

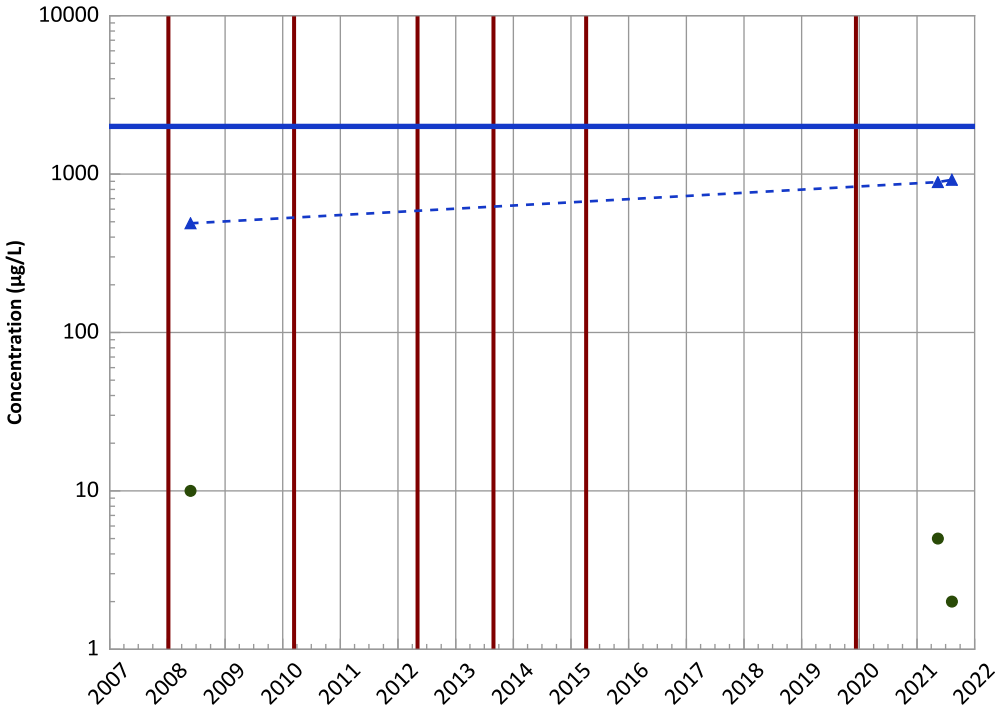
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

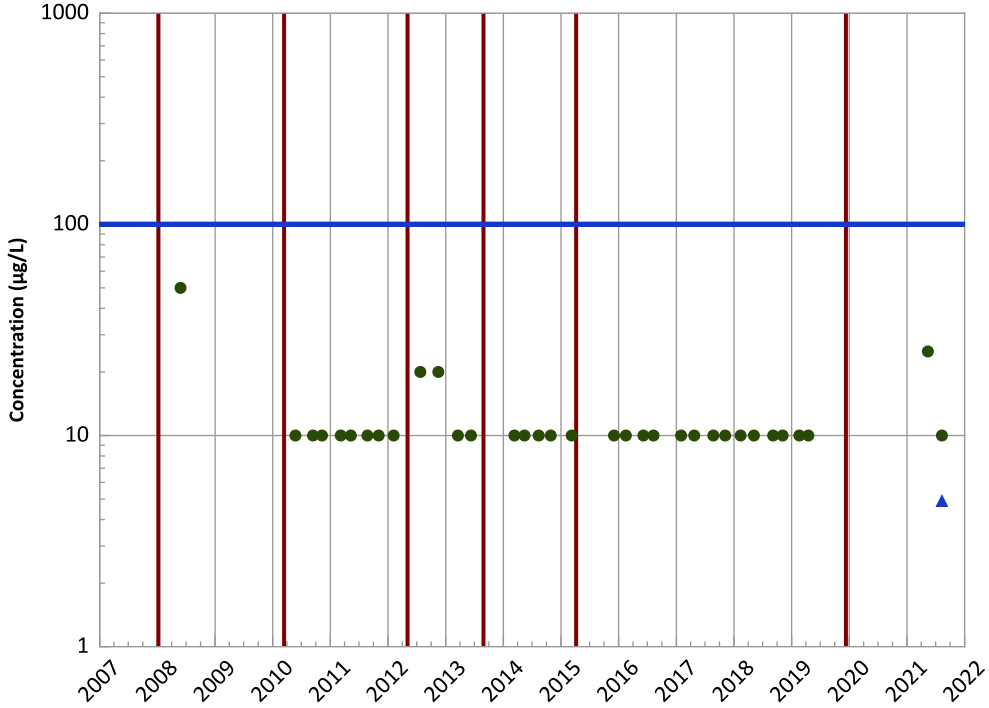


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chromium, Total Trend



Concentration Trend

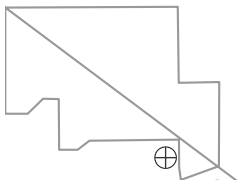
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

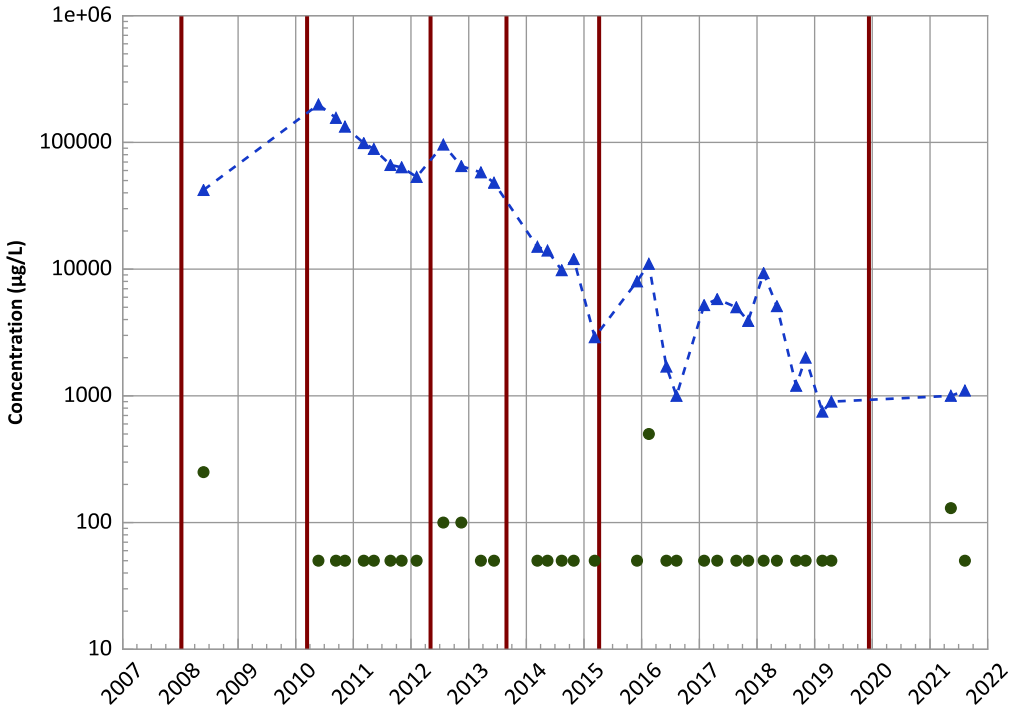
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

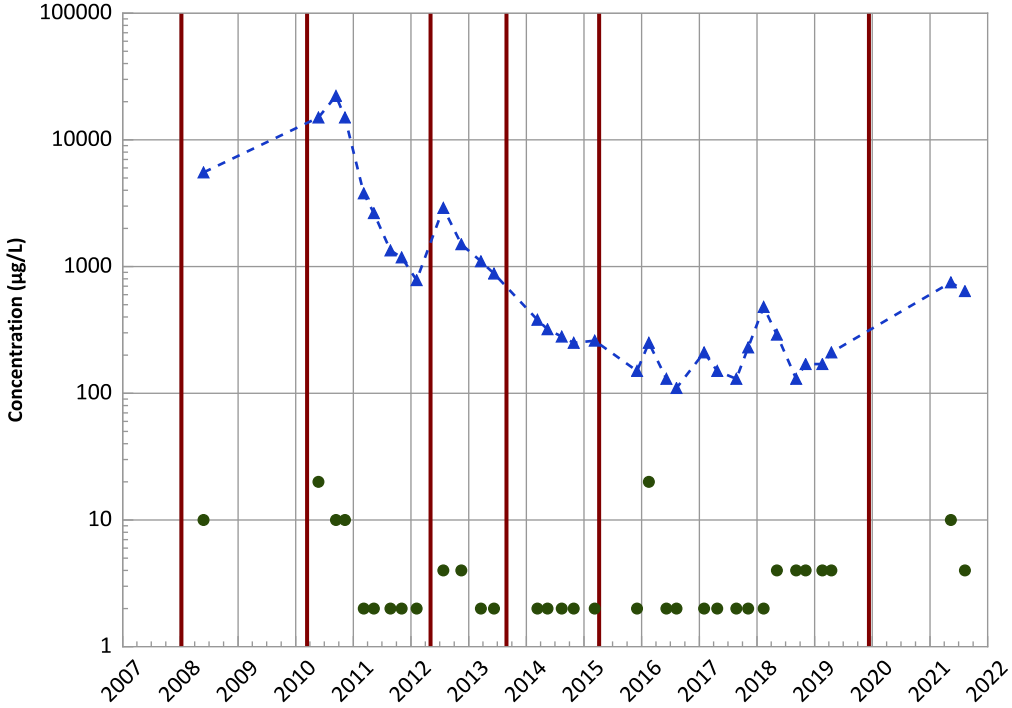


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Increasing

Manganese Trend



Concentration Trend

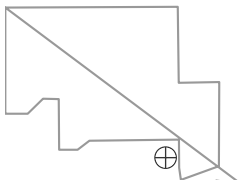
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

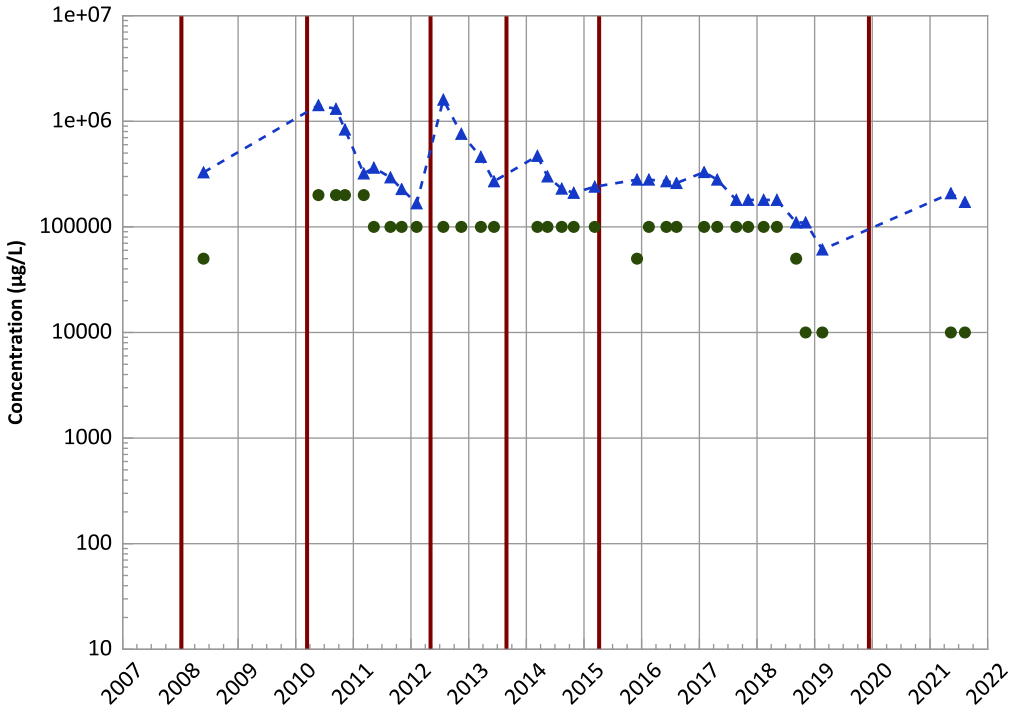
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

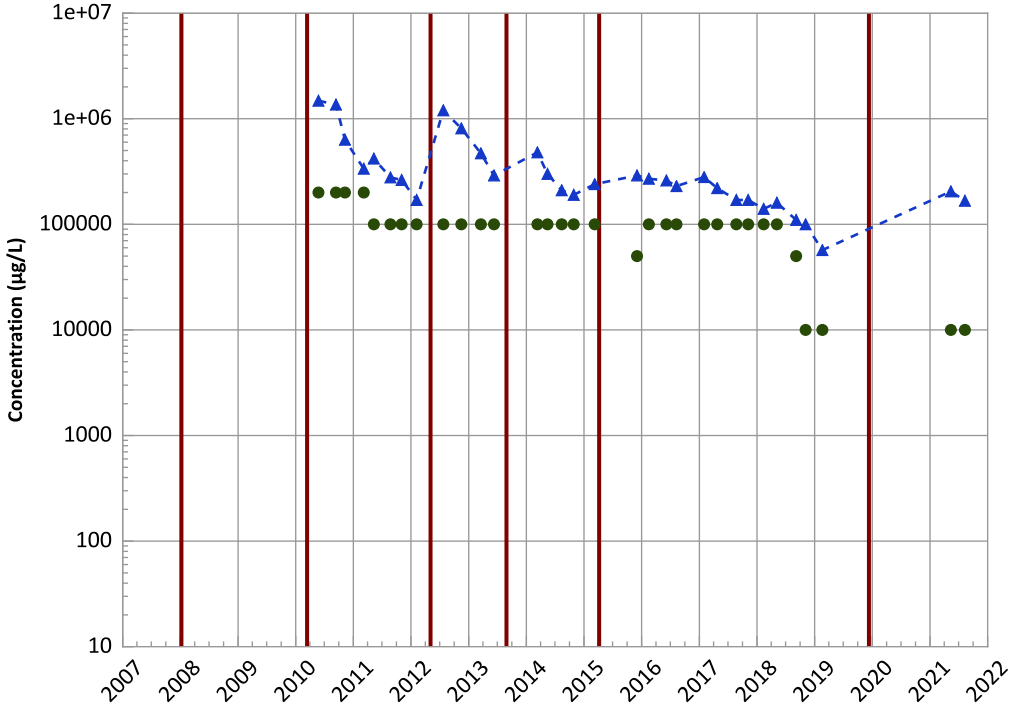


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

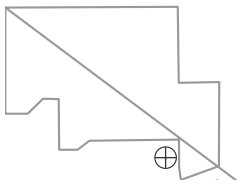
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

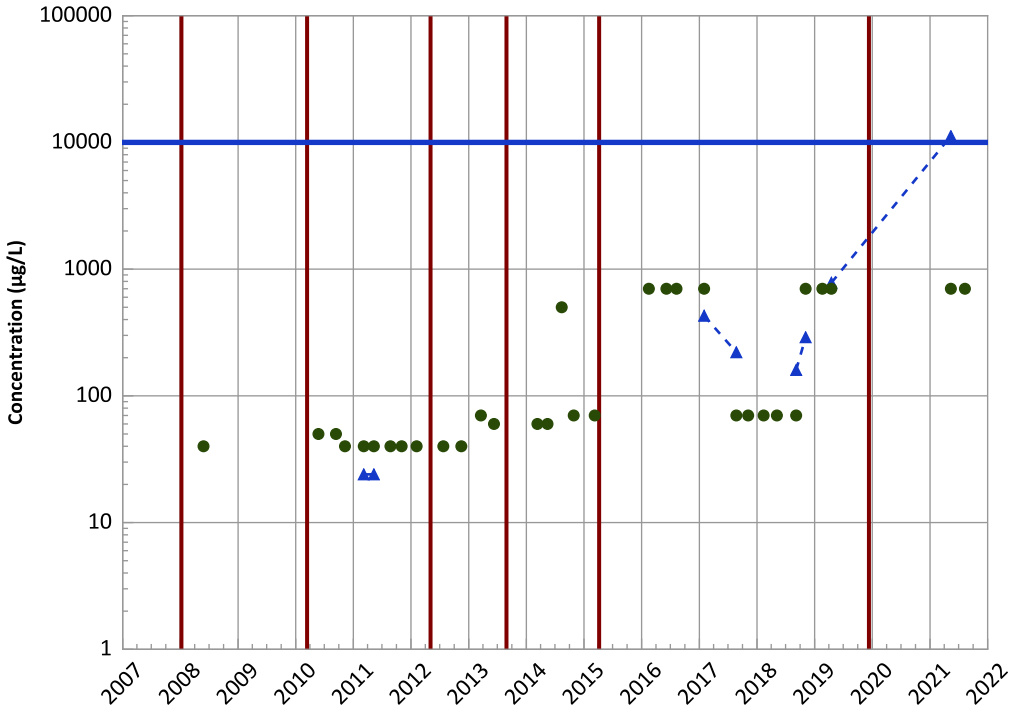
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB048 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

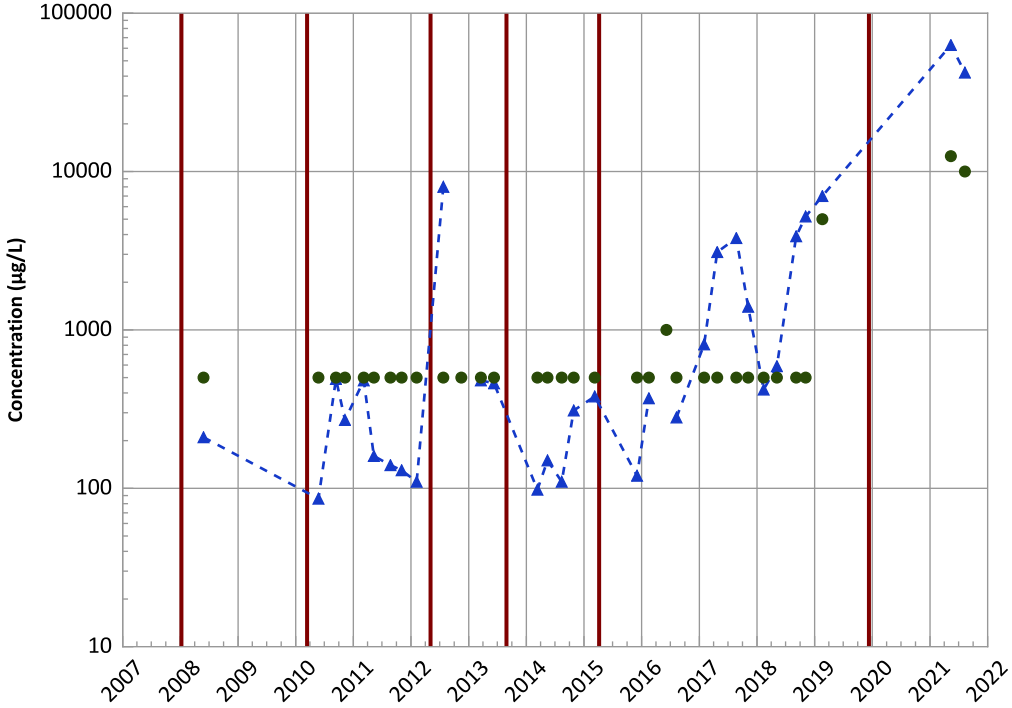


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Sulfate (as SO4) Trend



Concentration Trend

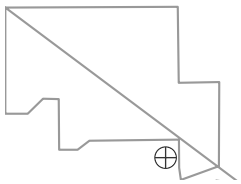
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

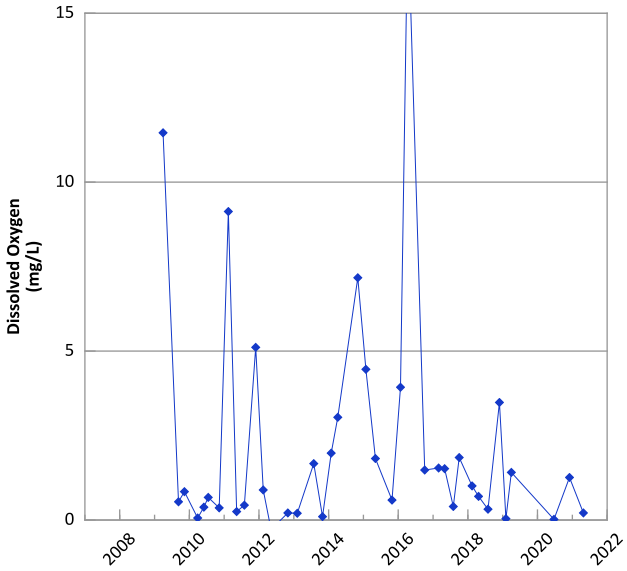
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/27/2008 to 08/10/2021
Analysis Date: 05/26/2022

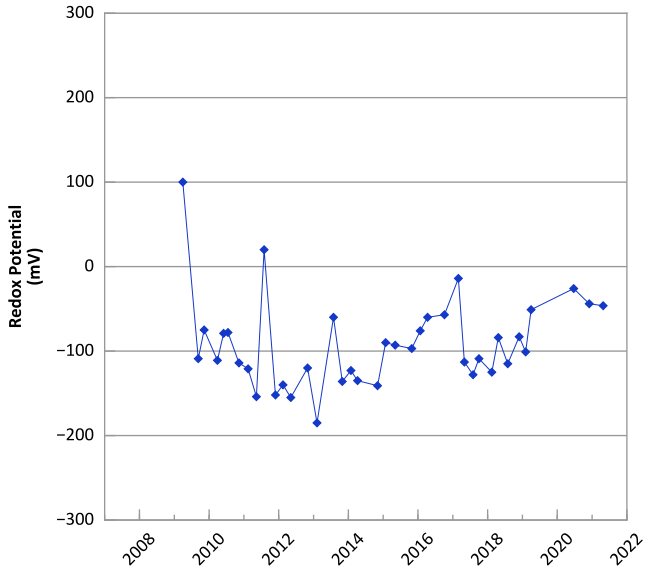
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

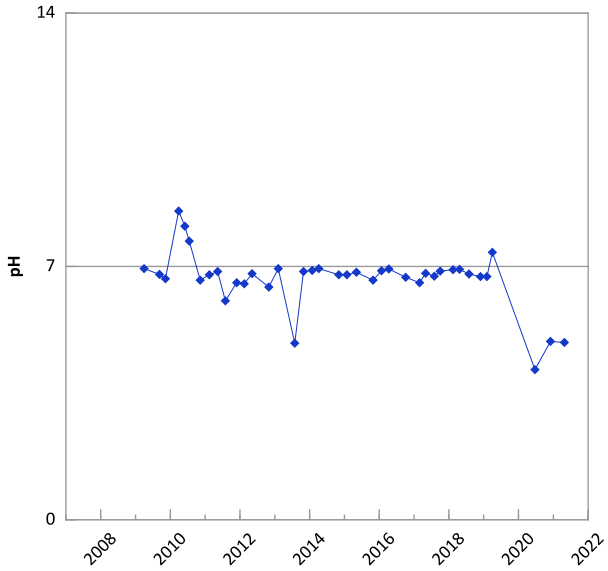
Well Location

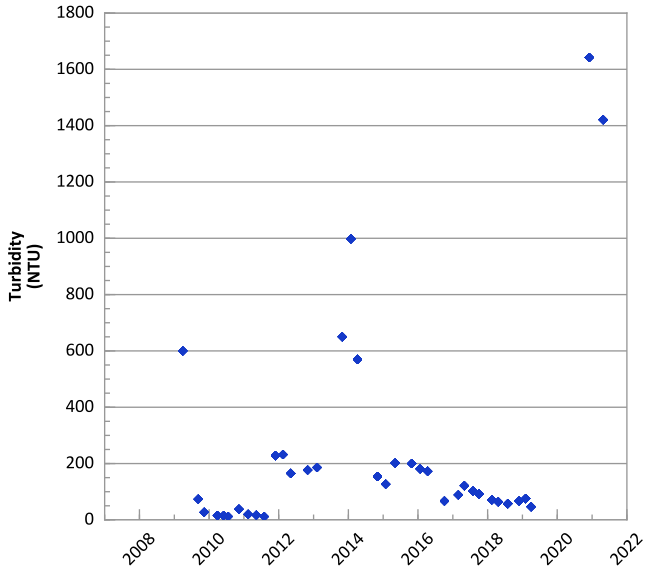


PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



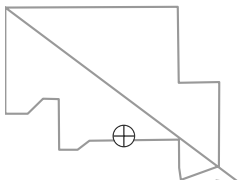






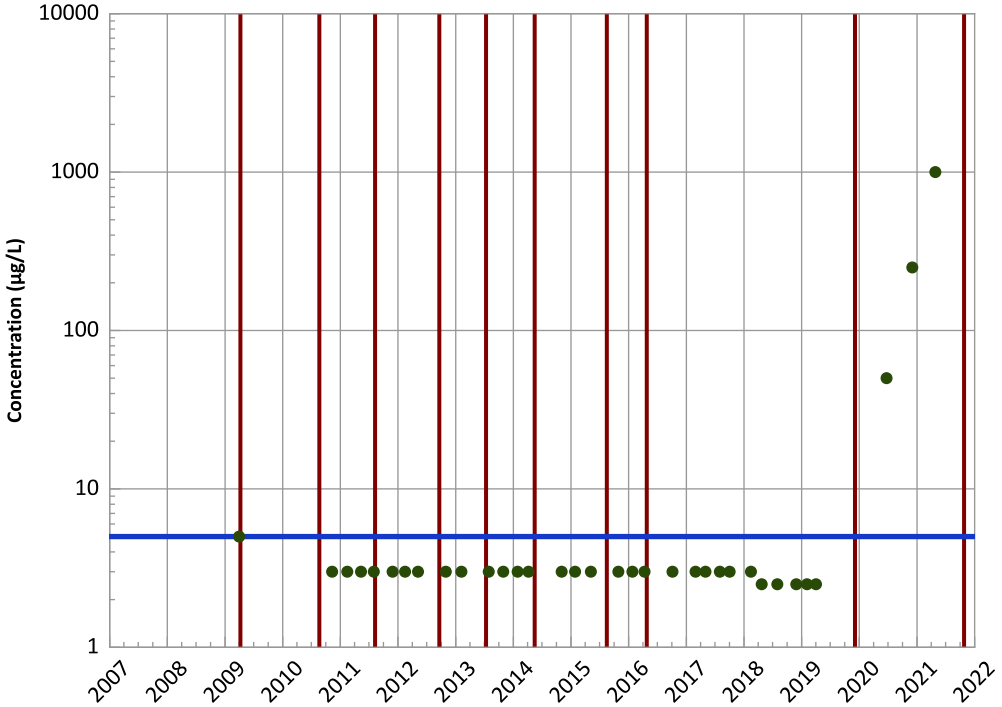
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

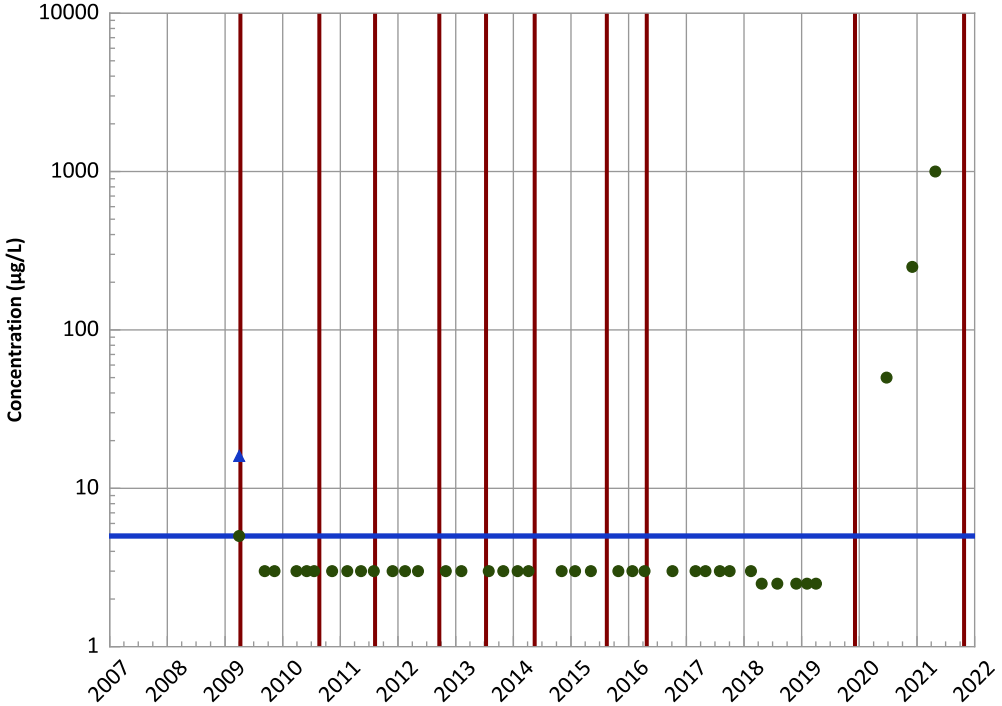


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

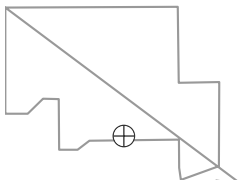
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

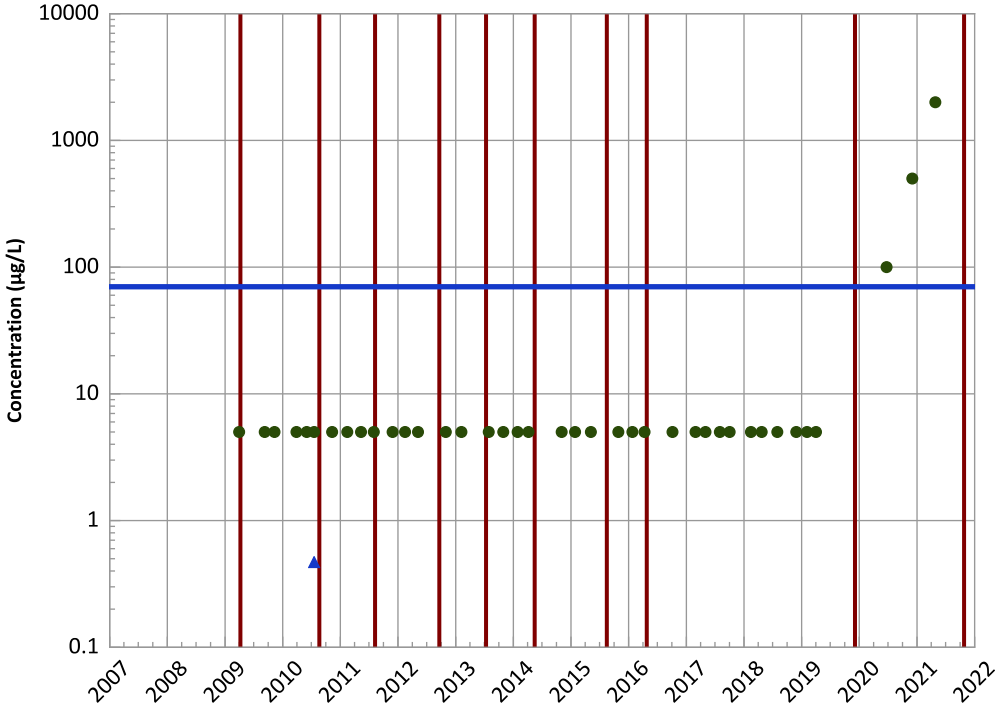
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

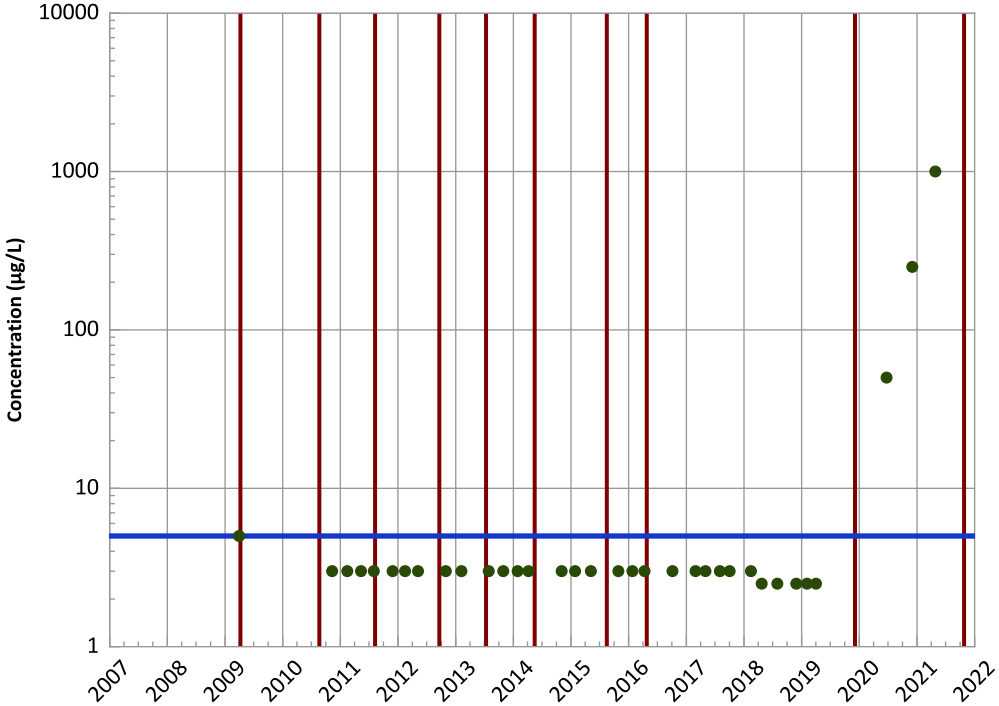


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

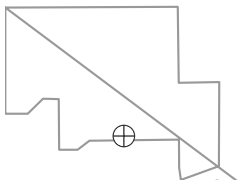
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

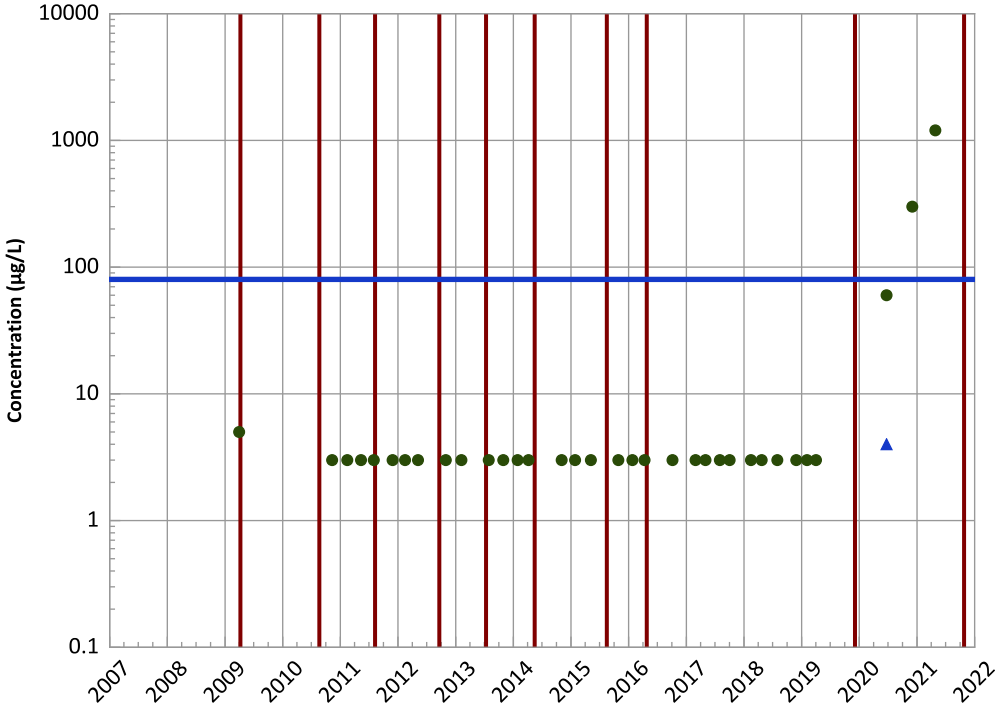
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

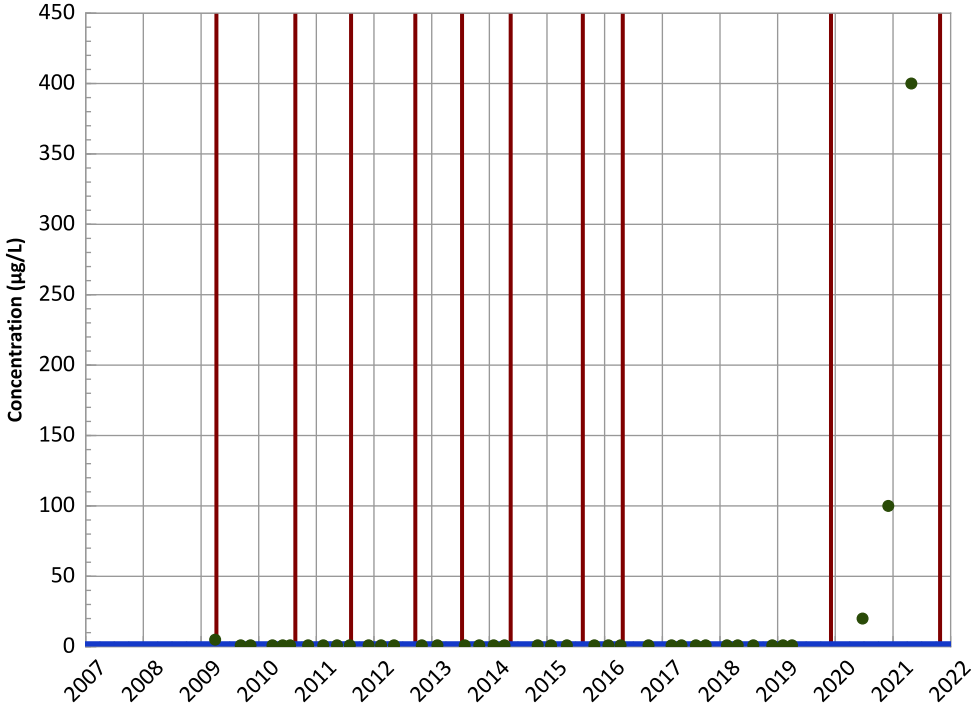


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

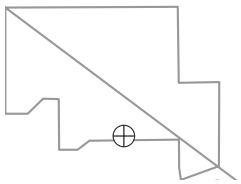
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

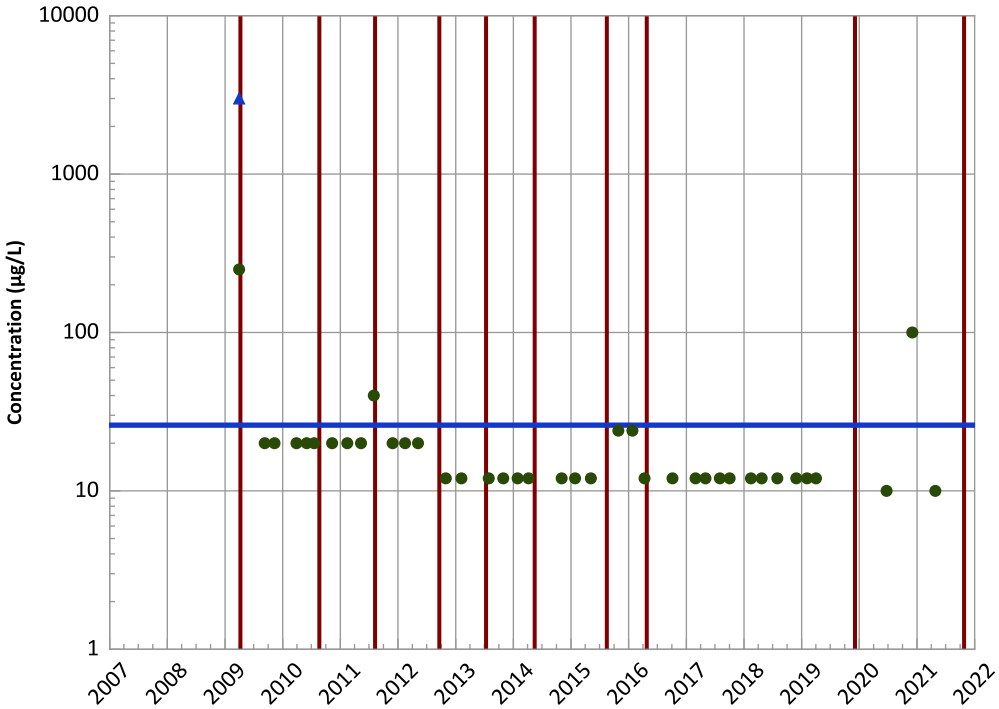
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

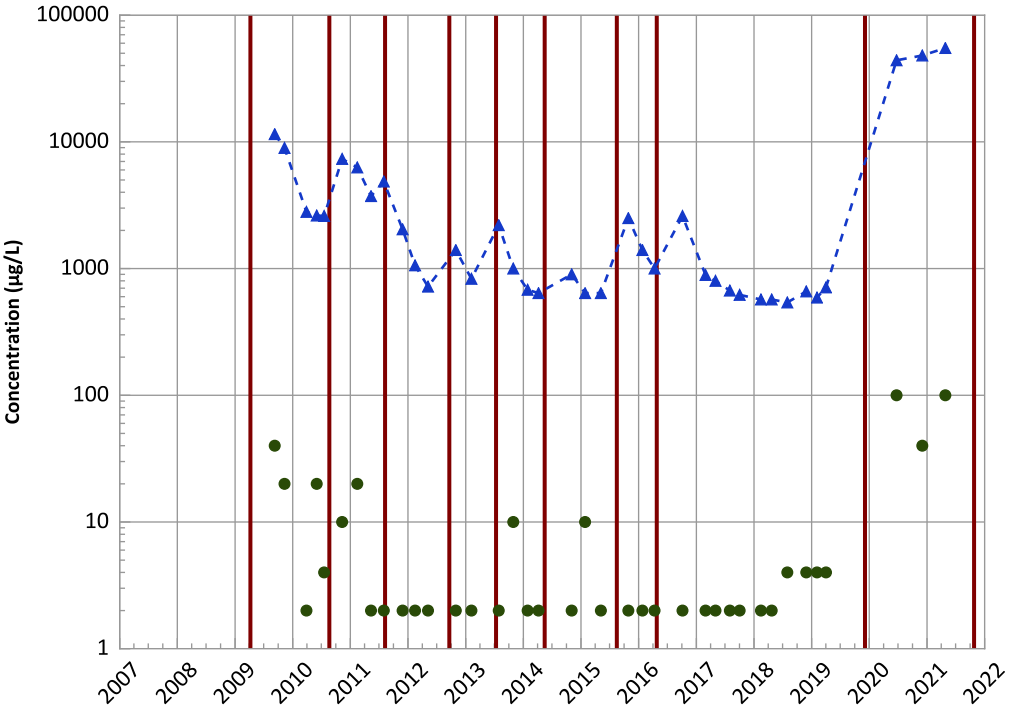


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

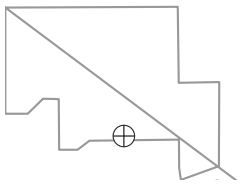
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Increasing' 'Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

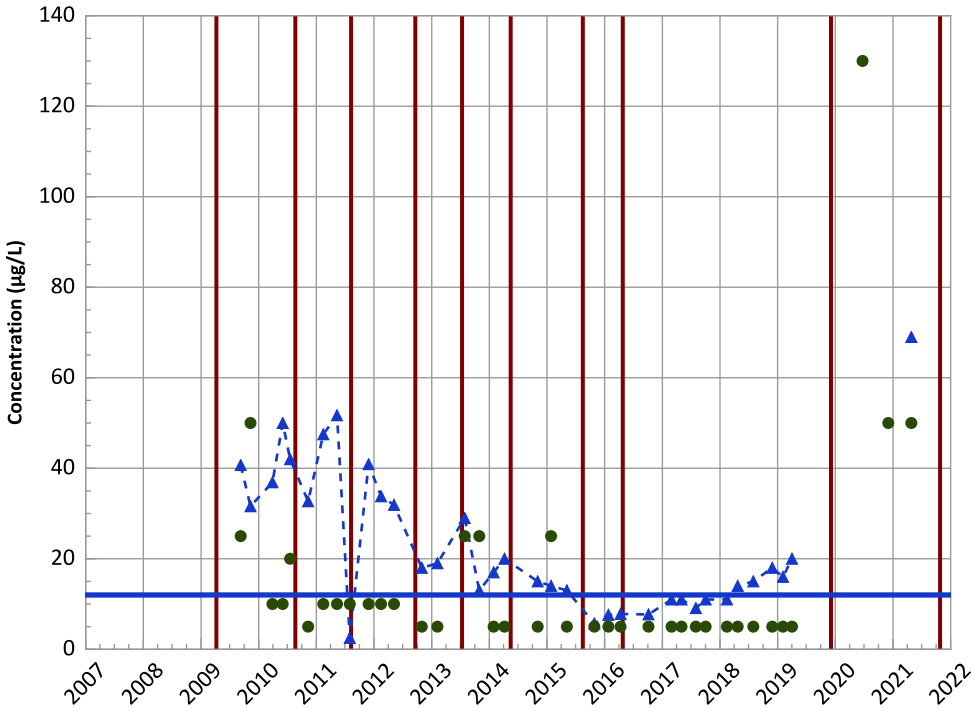
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

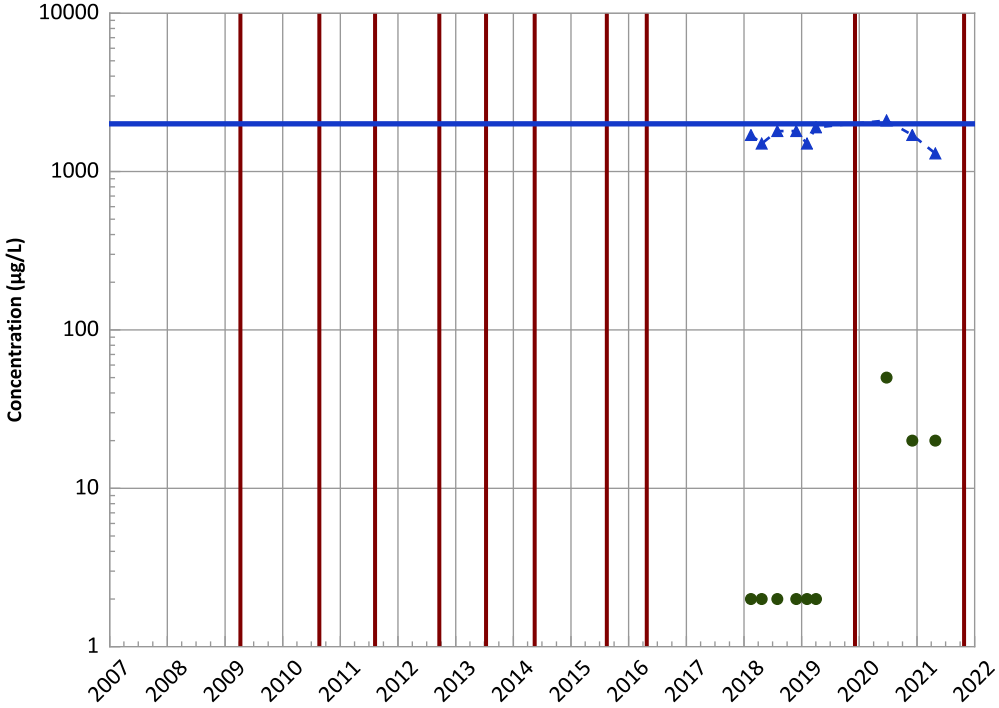


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

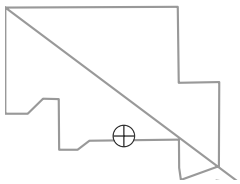
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

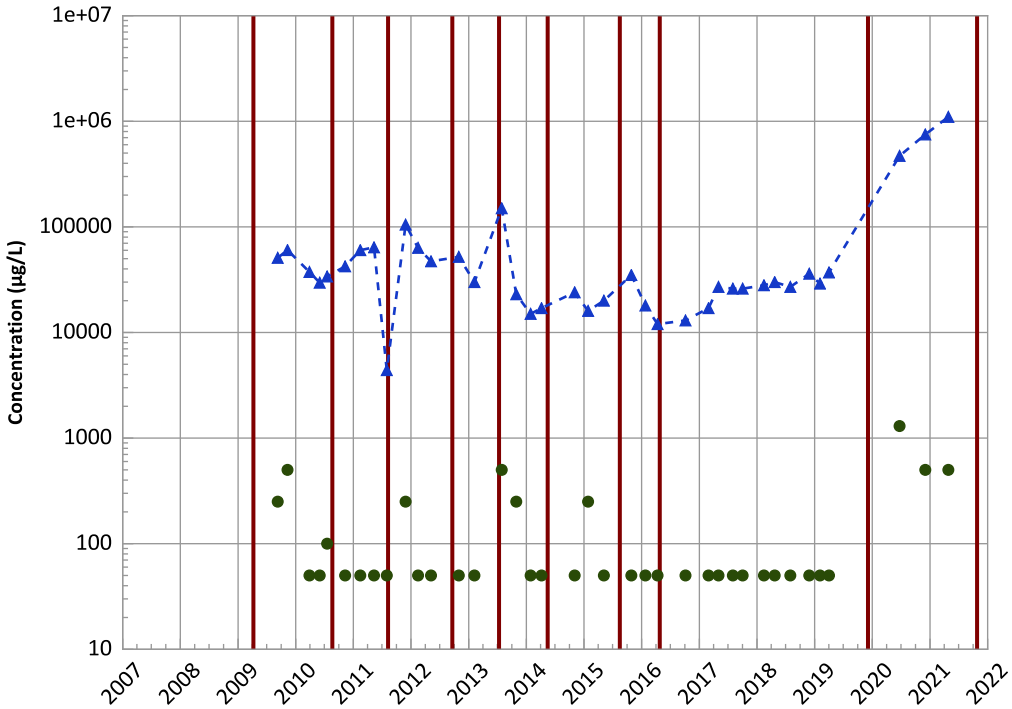
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

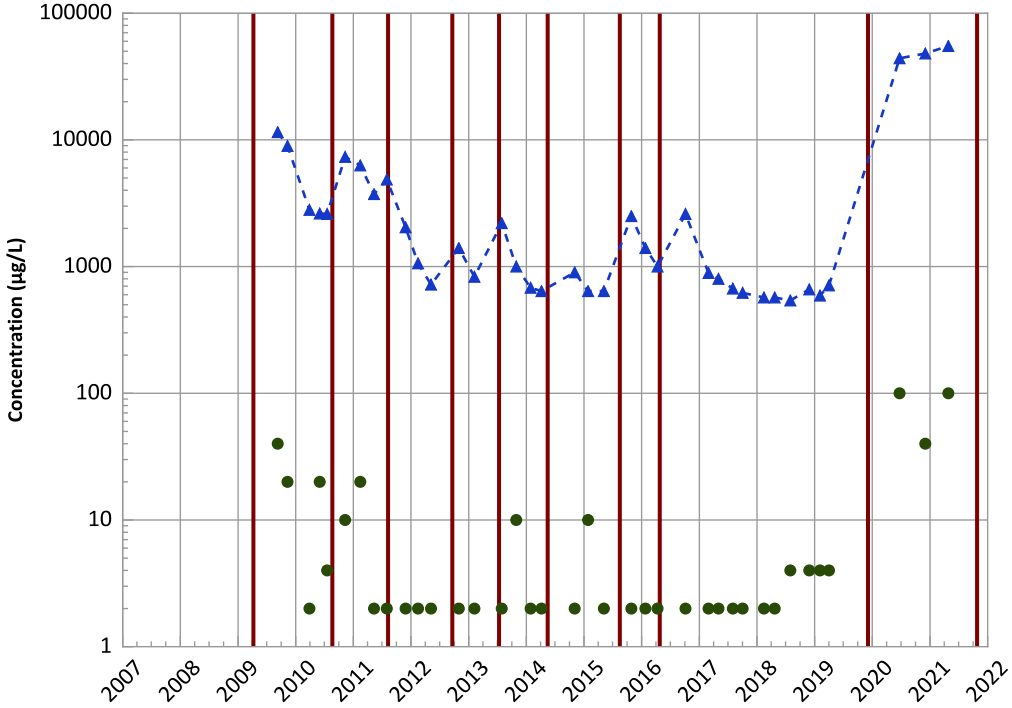


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Manganese Trend



Concentration Trend

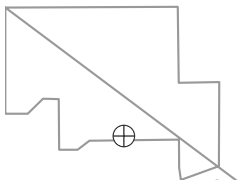
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Increasing' 'Increasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

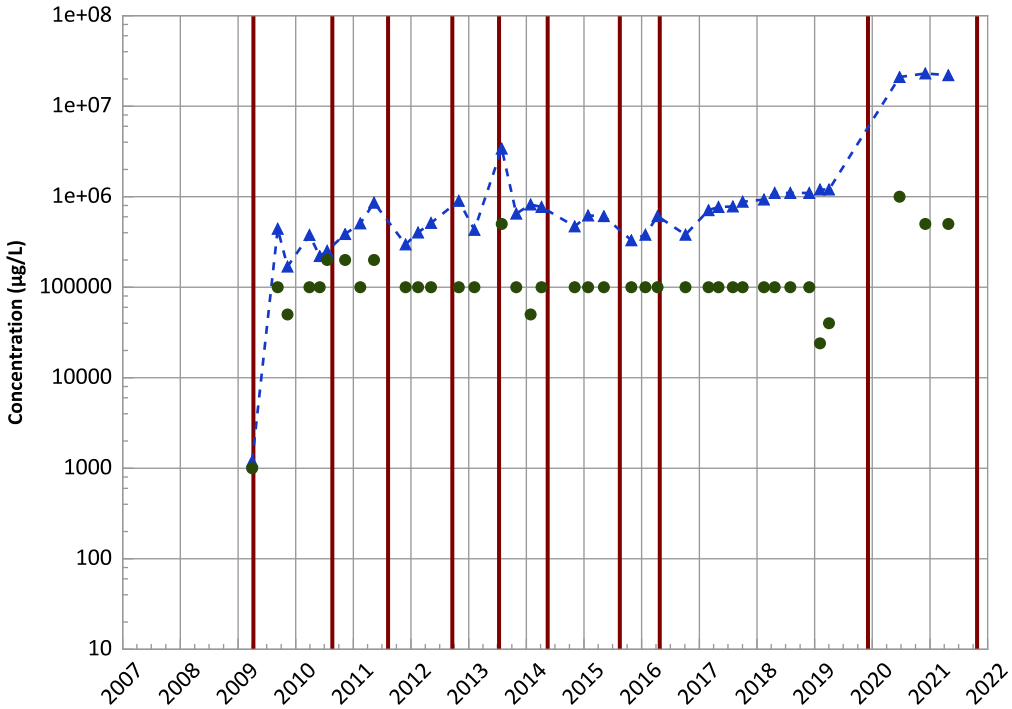
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

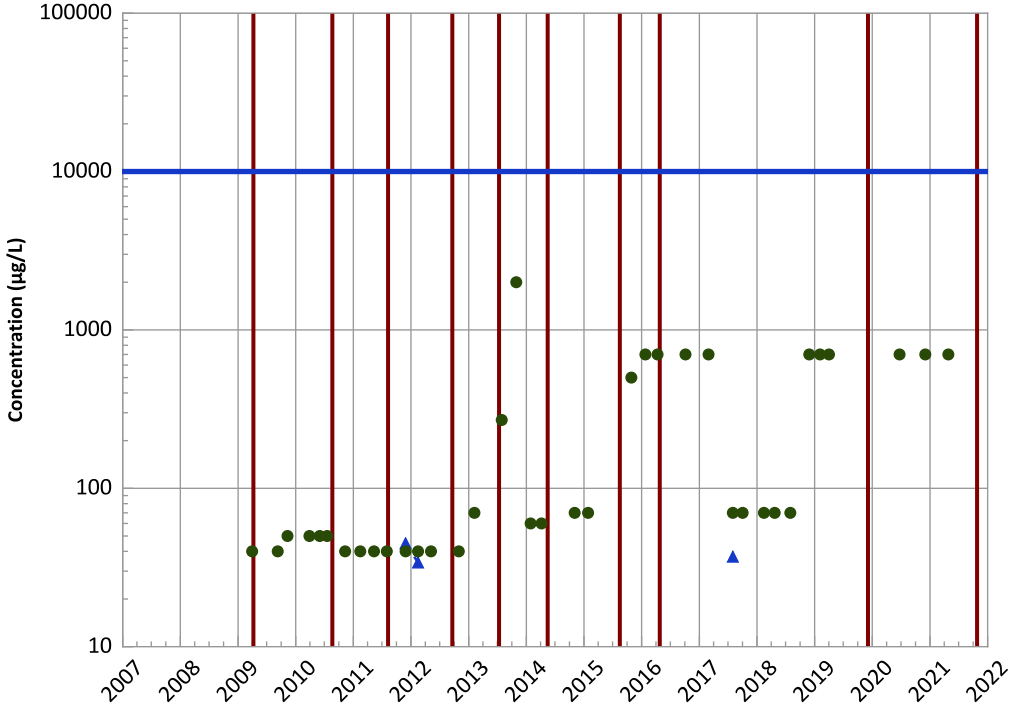


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Nitrate as N Trend



Concentration Trend

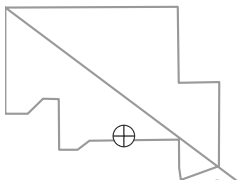
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

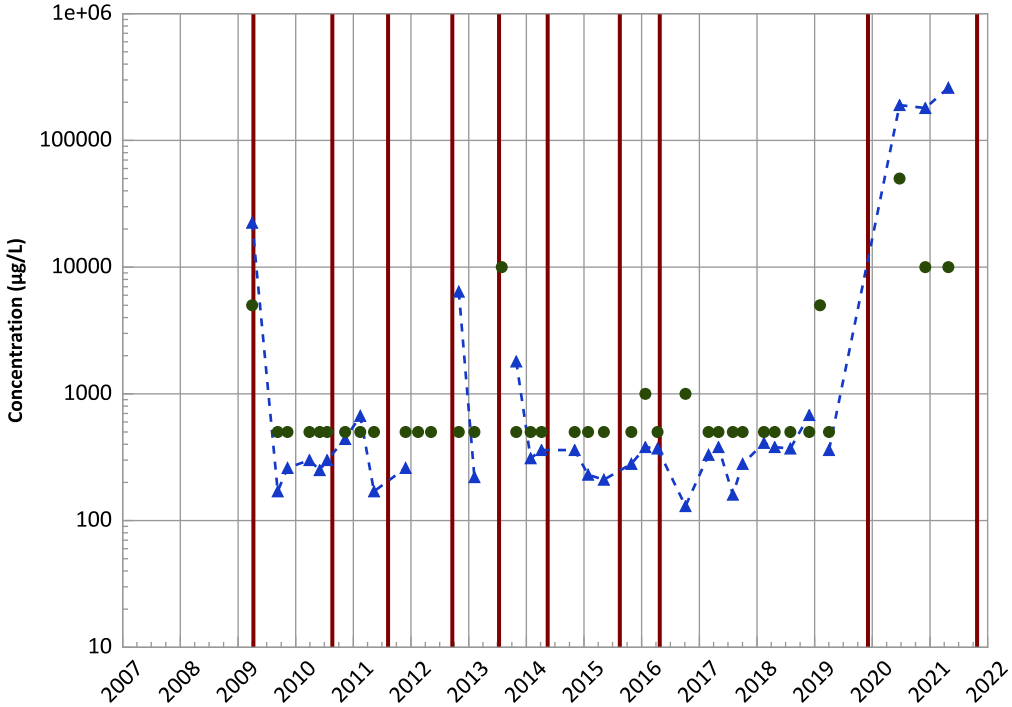
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

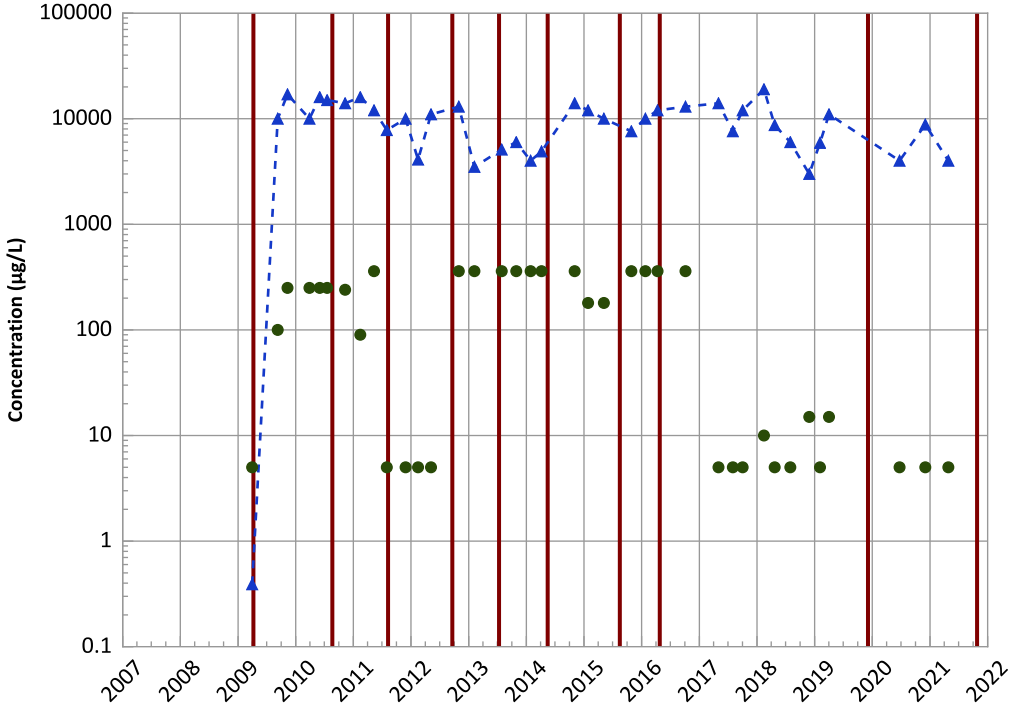


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Methane Trend



Concentration Trend

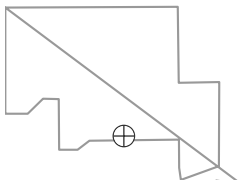
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

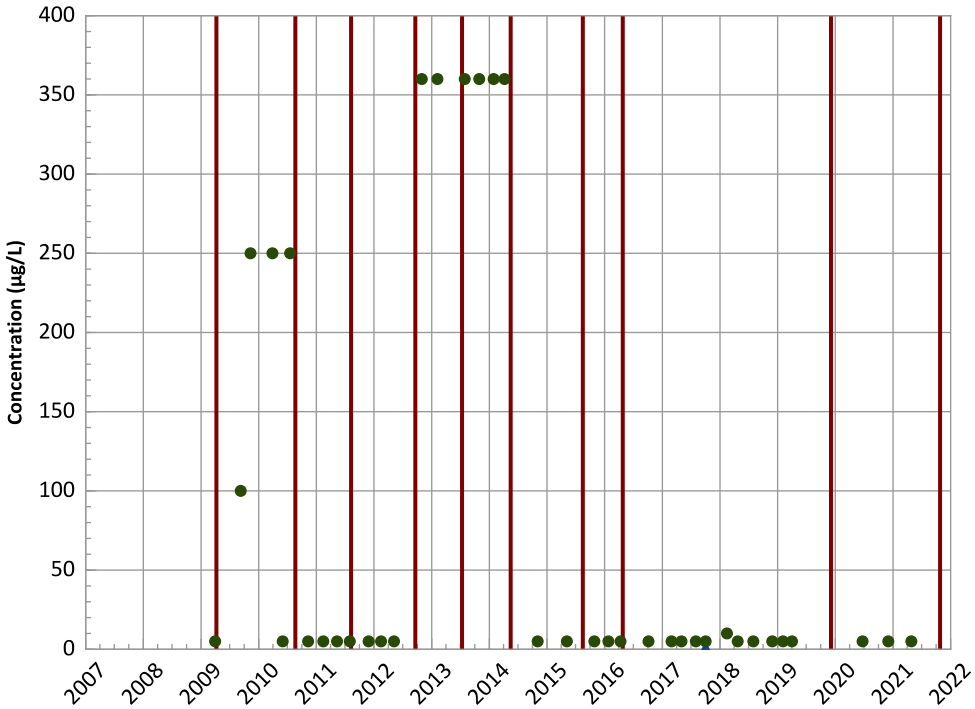
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend

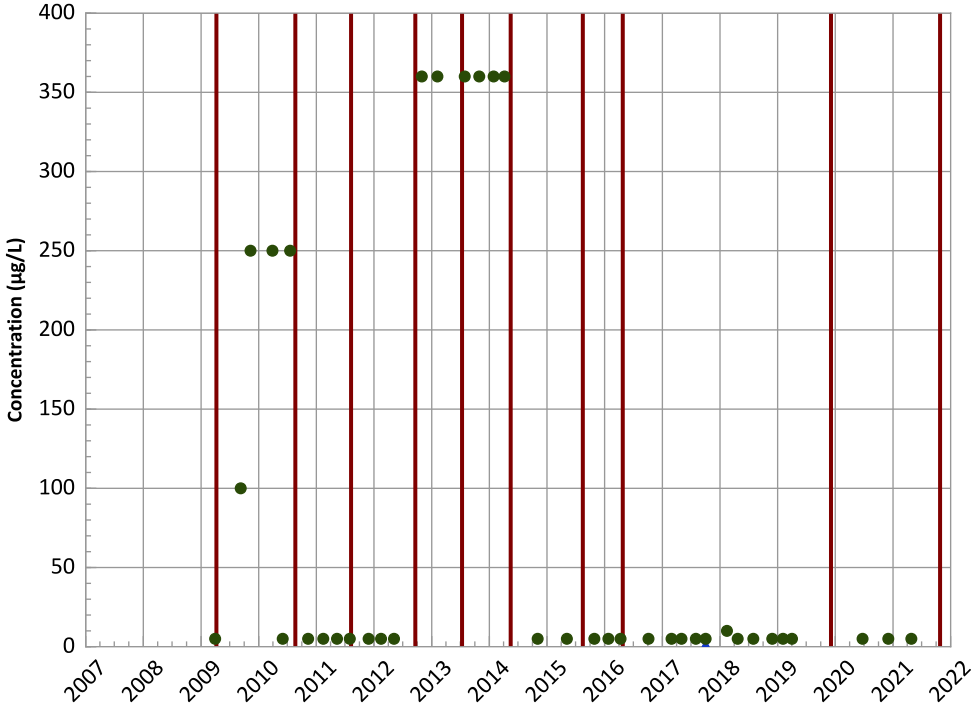


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Ethene (Ethylene) Trend



Concentration Trend

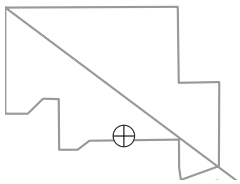
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

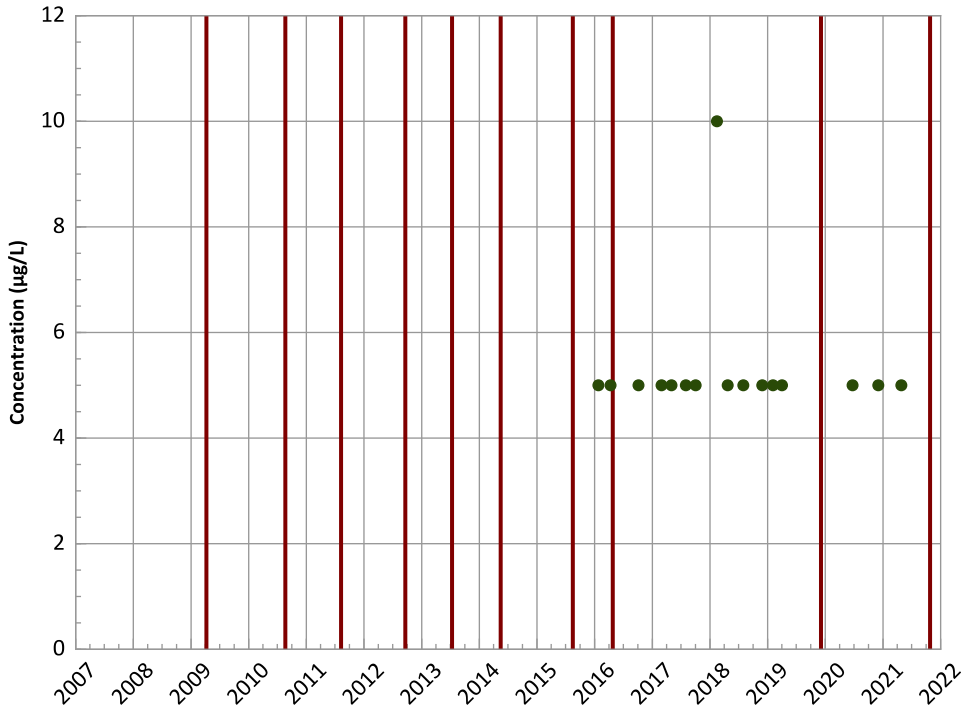
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB055 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trend



Concentration Trend

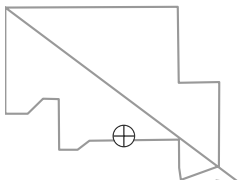
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

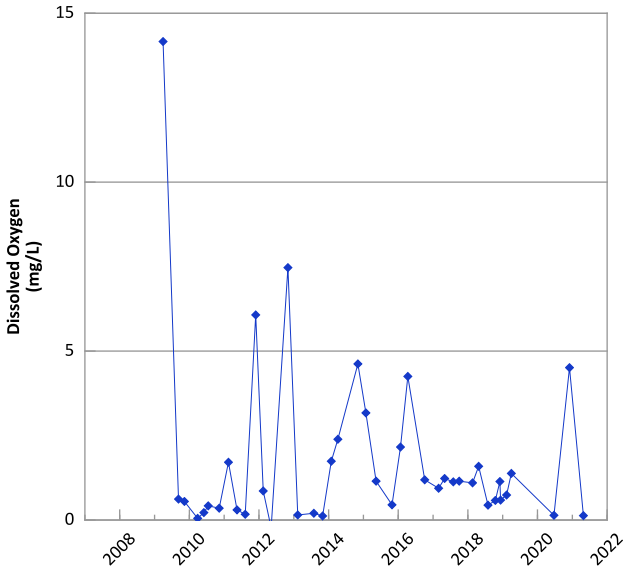
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

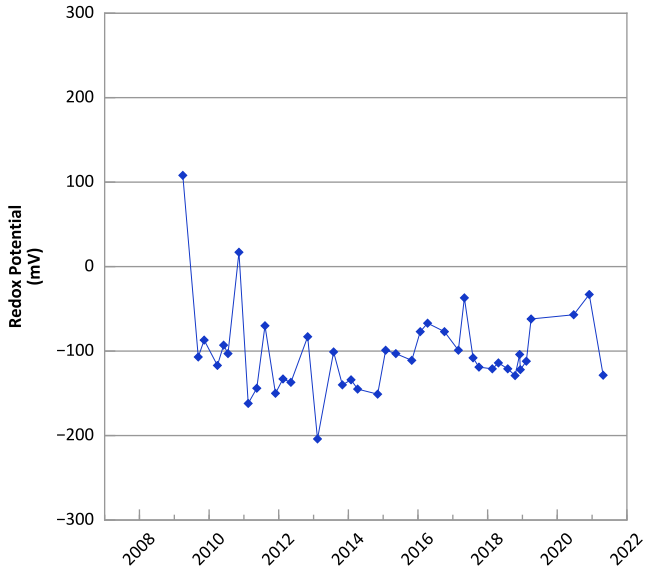
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

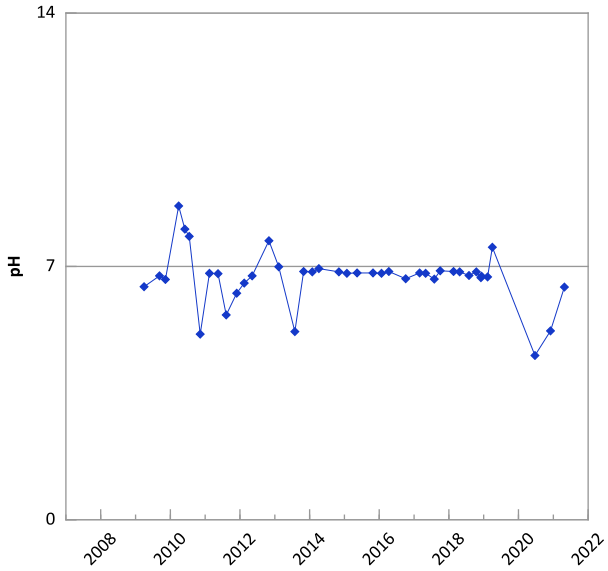
Well Location

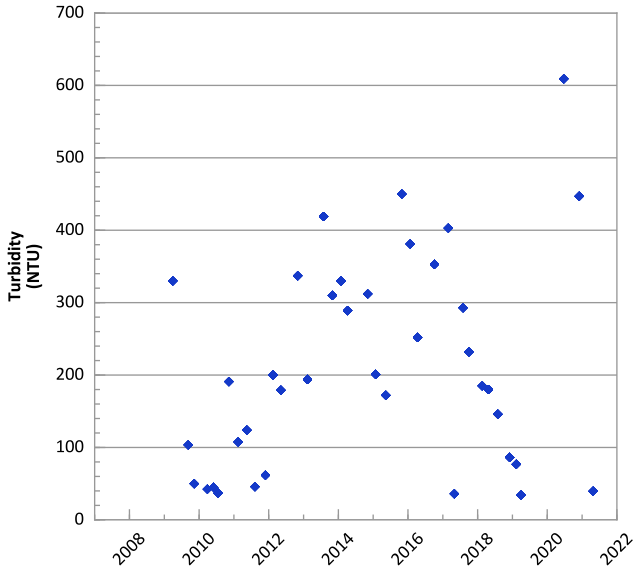


PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



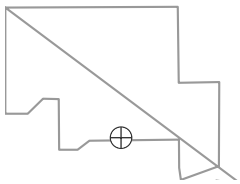






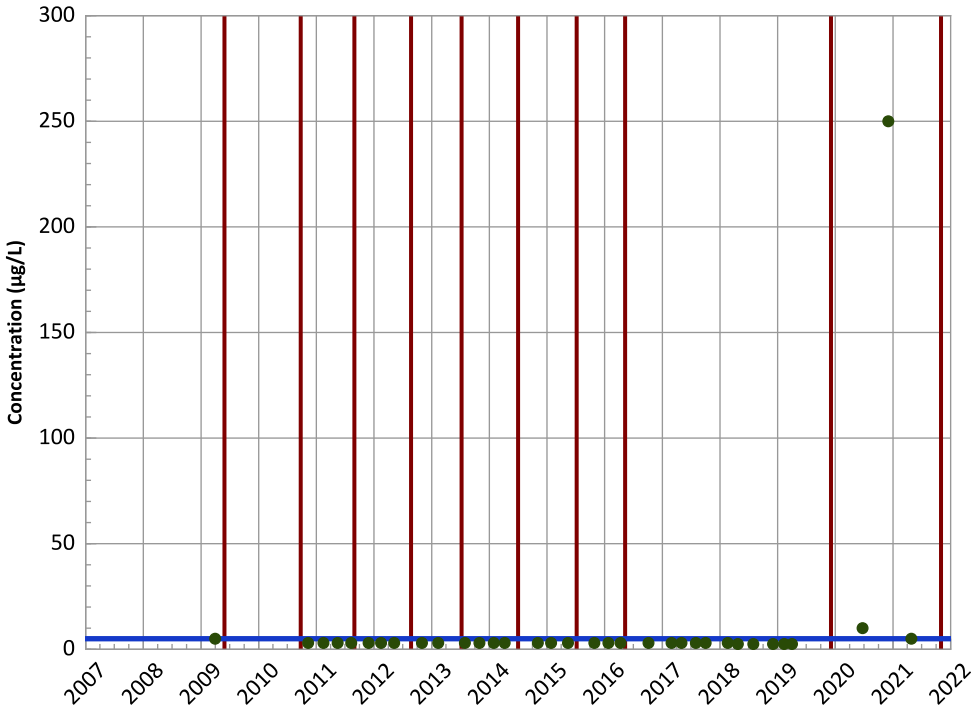
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

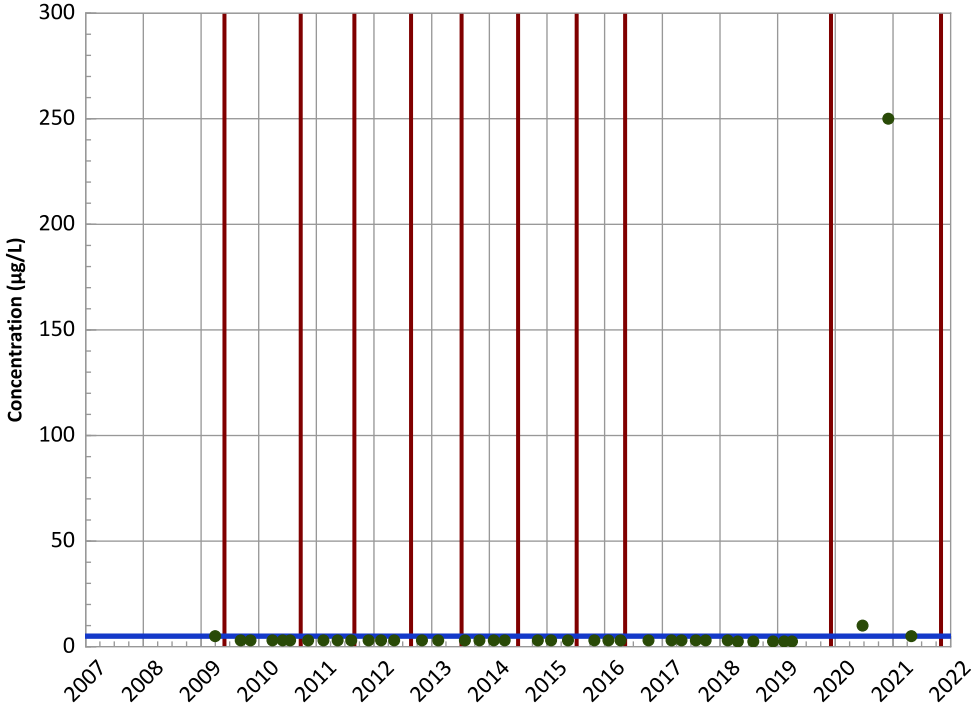


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

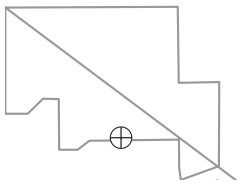
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

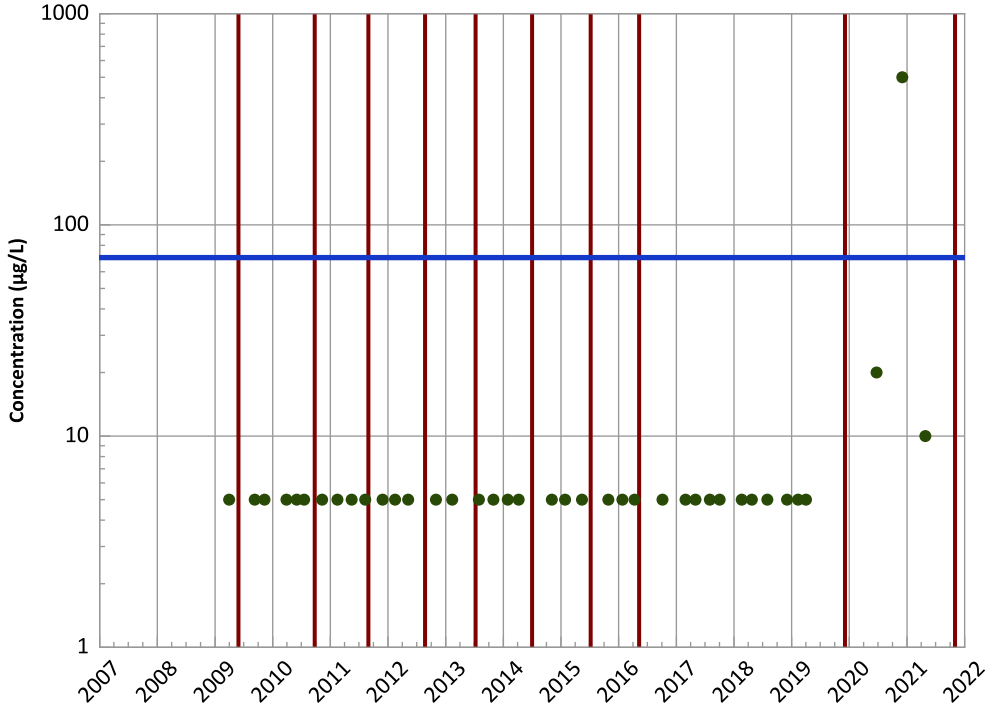
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

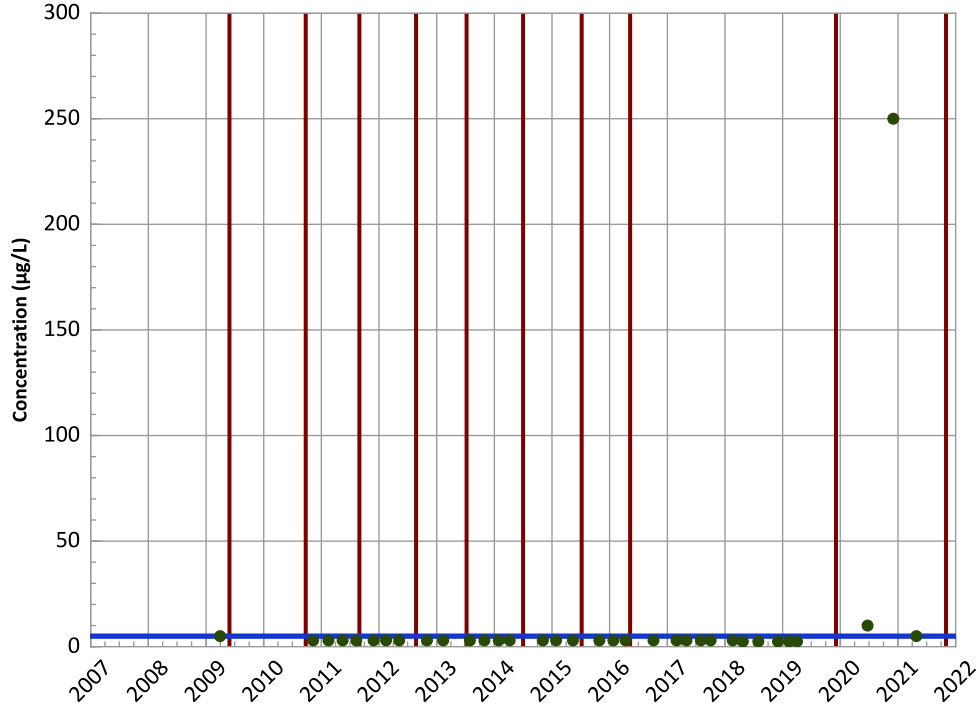


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

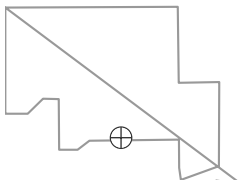
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

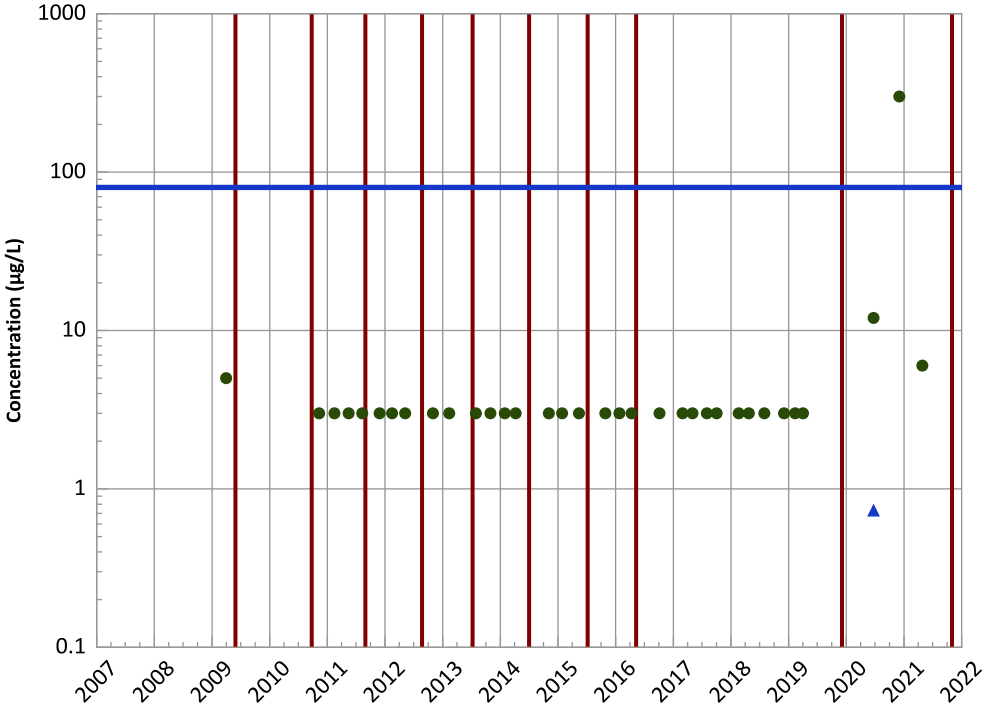
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

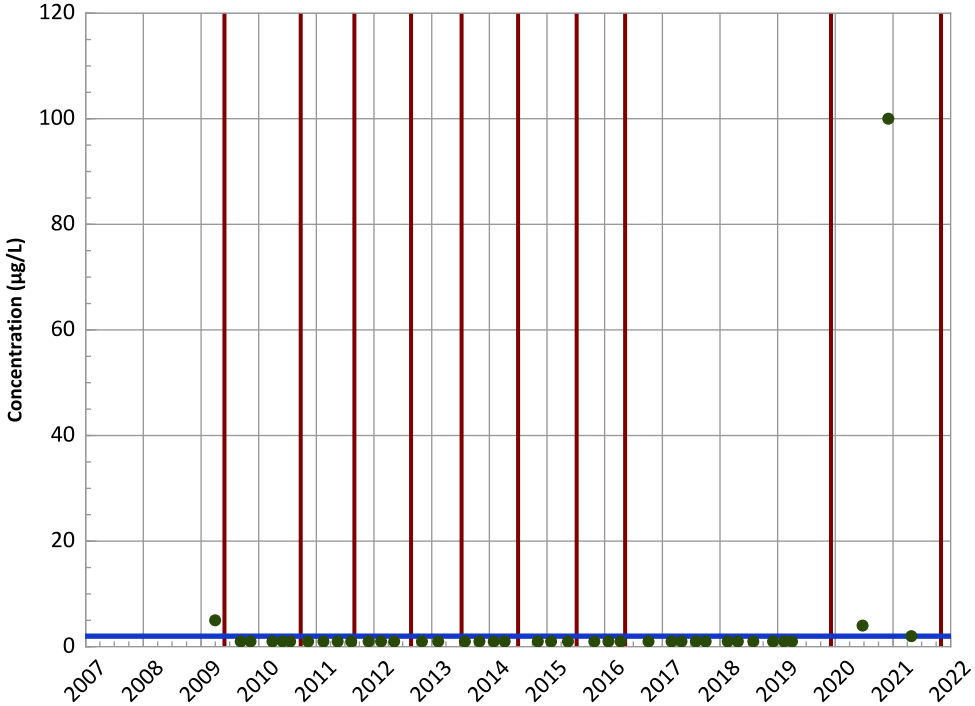


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

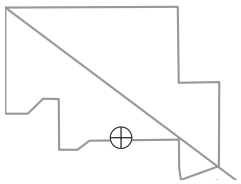
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

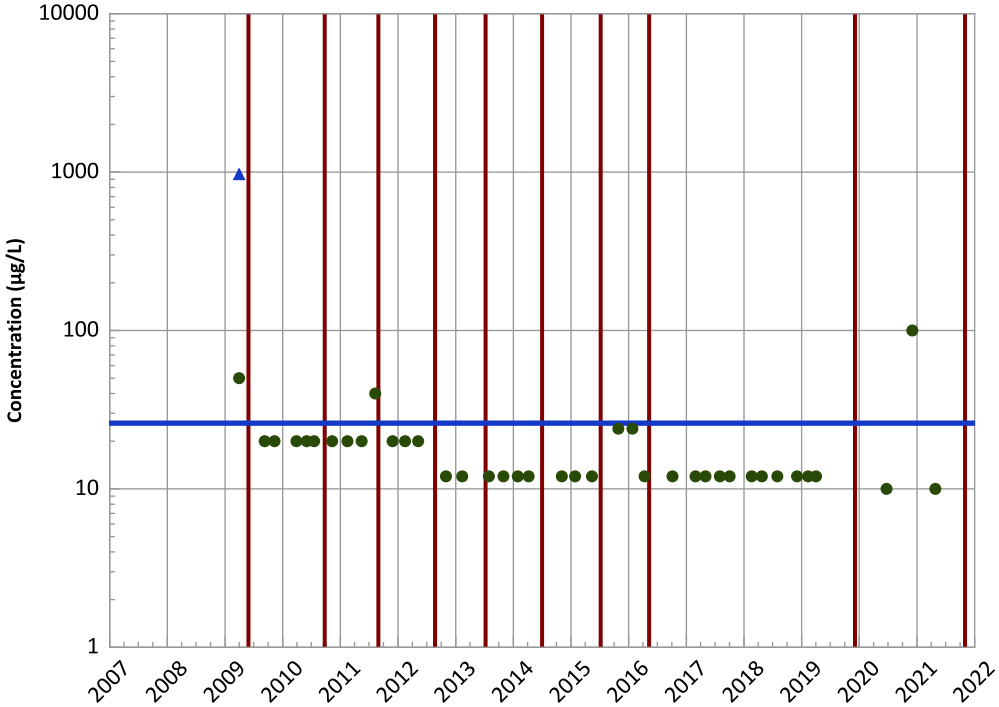
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

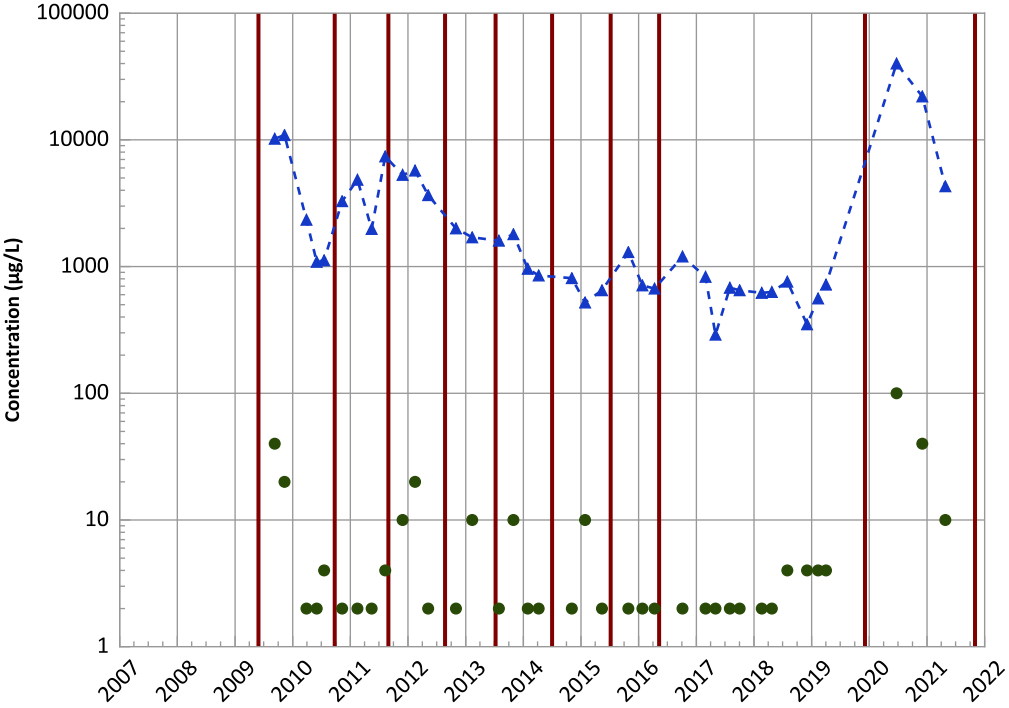


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

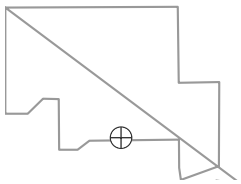
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing' 'Probably Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

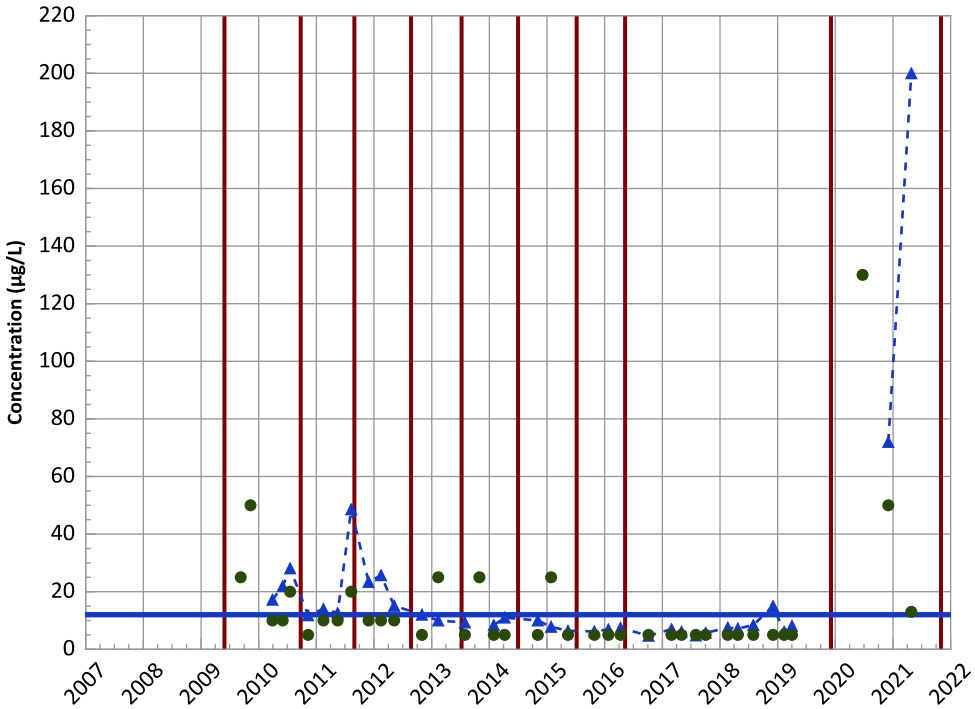
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

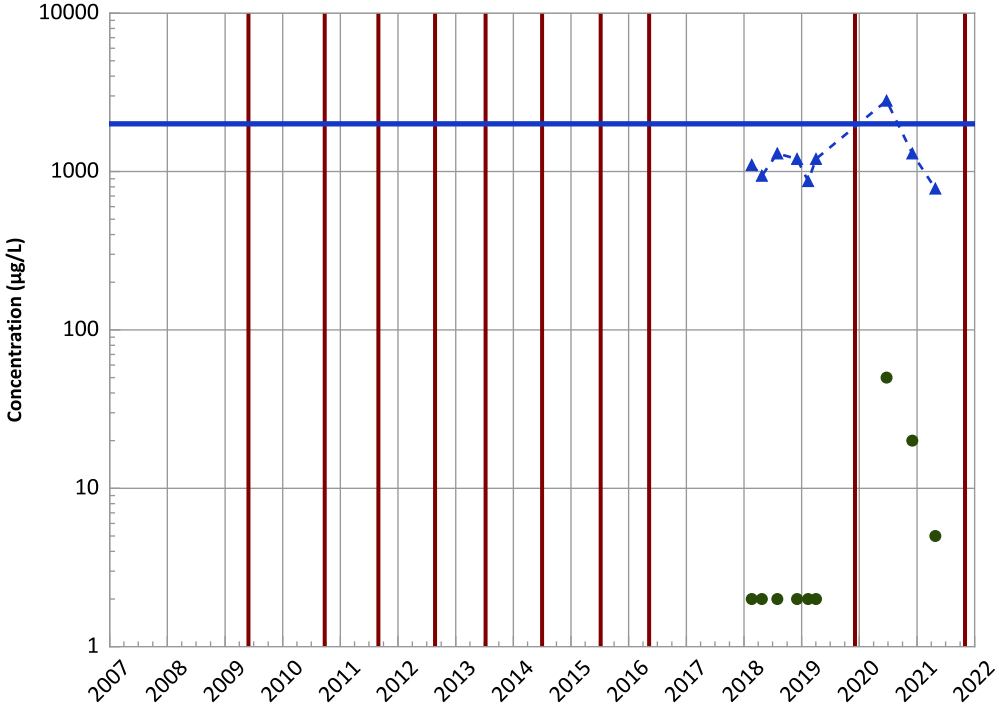


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Increasing

Barium Trend



Concentration Trend

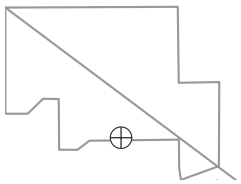
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

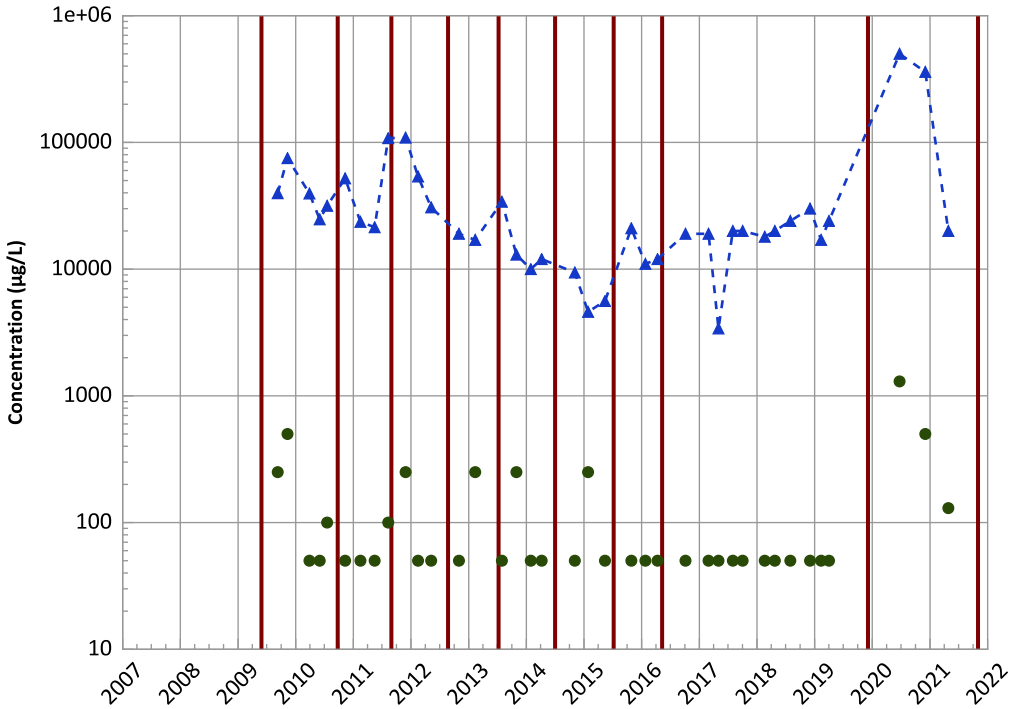
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

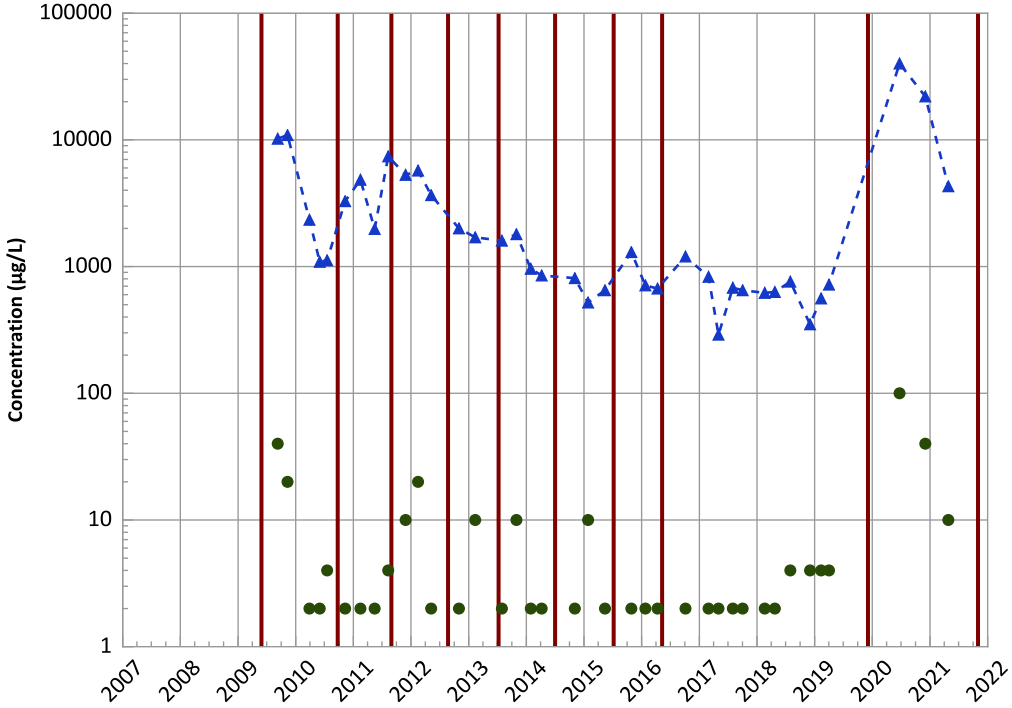


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

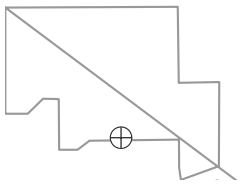
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing' 'Probably Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

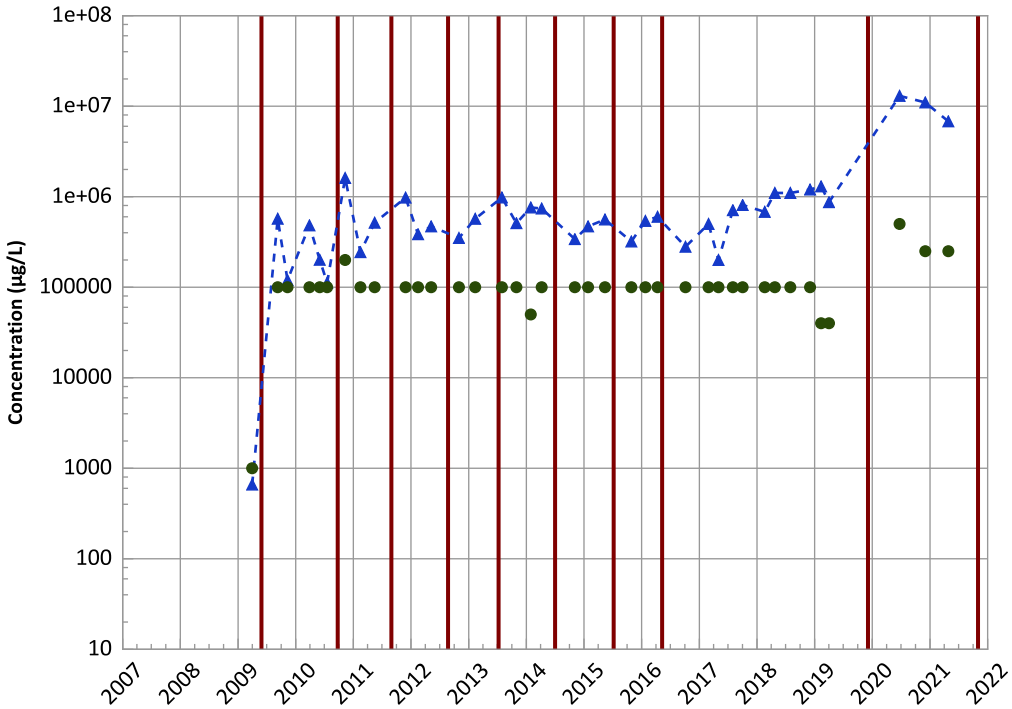
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

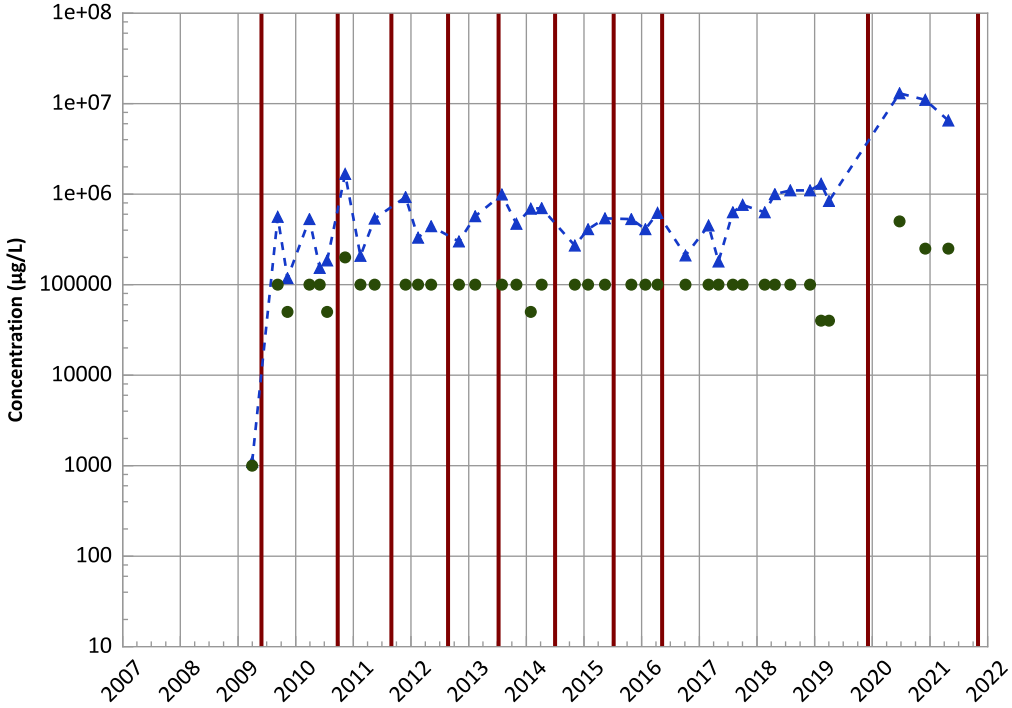


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

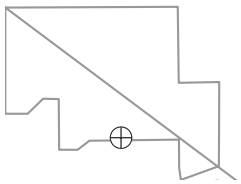
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

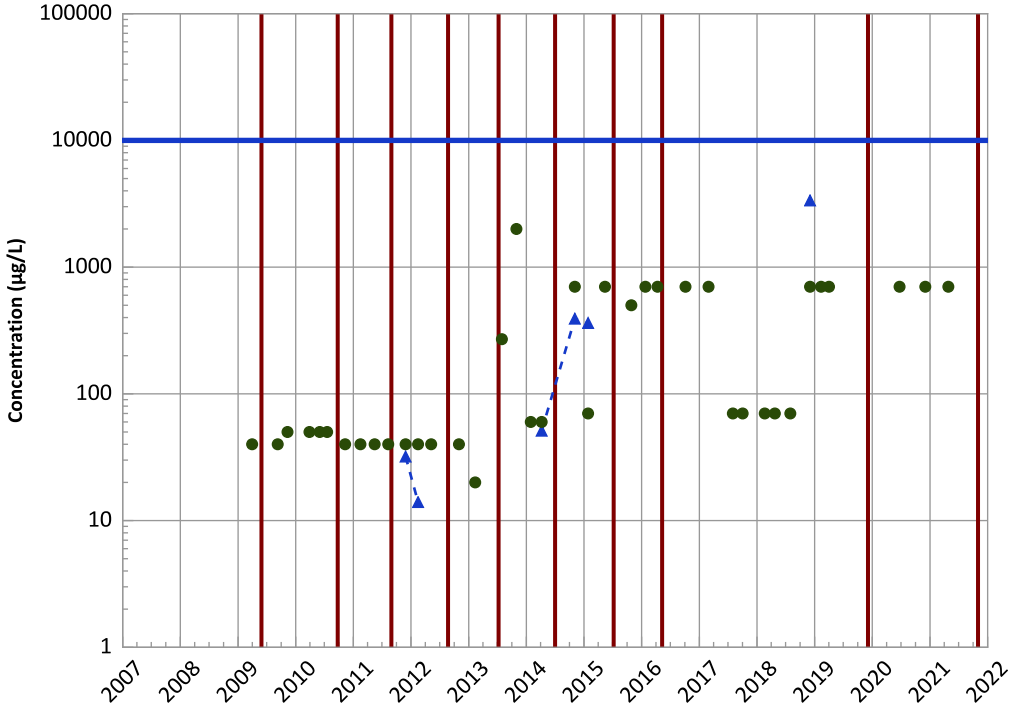
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

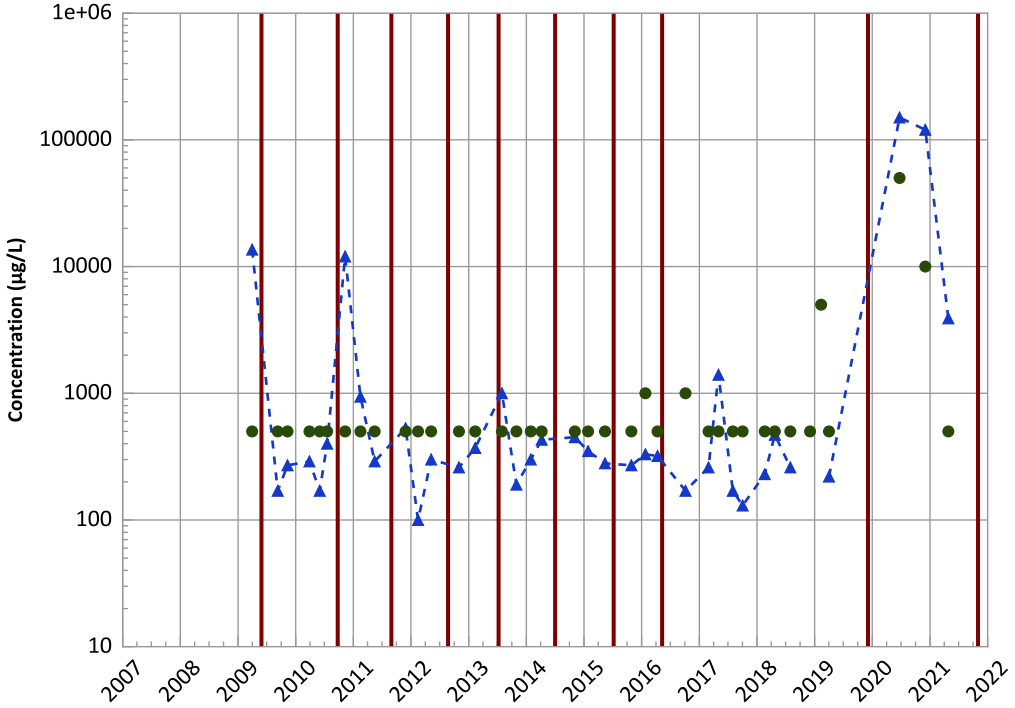


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Sulfate (as SO4) Trend



Concentration Trend

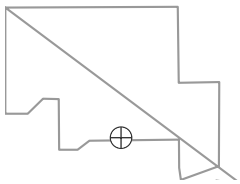
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

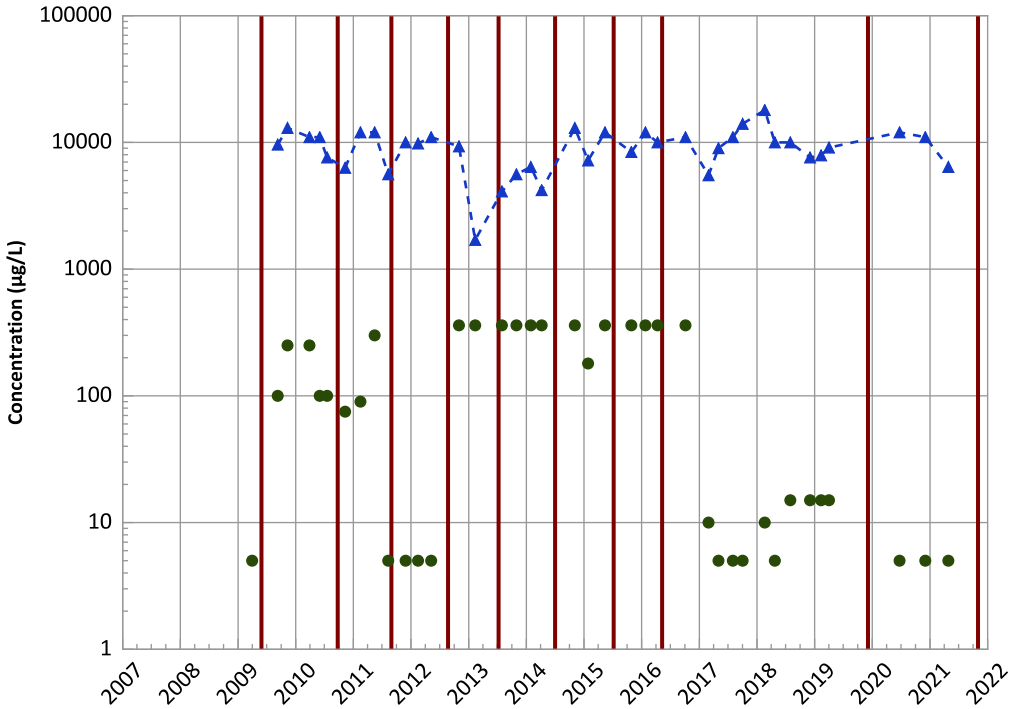
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

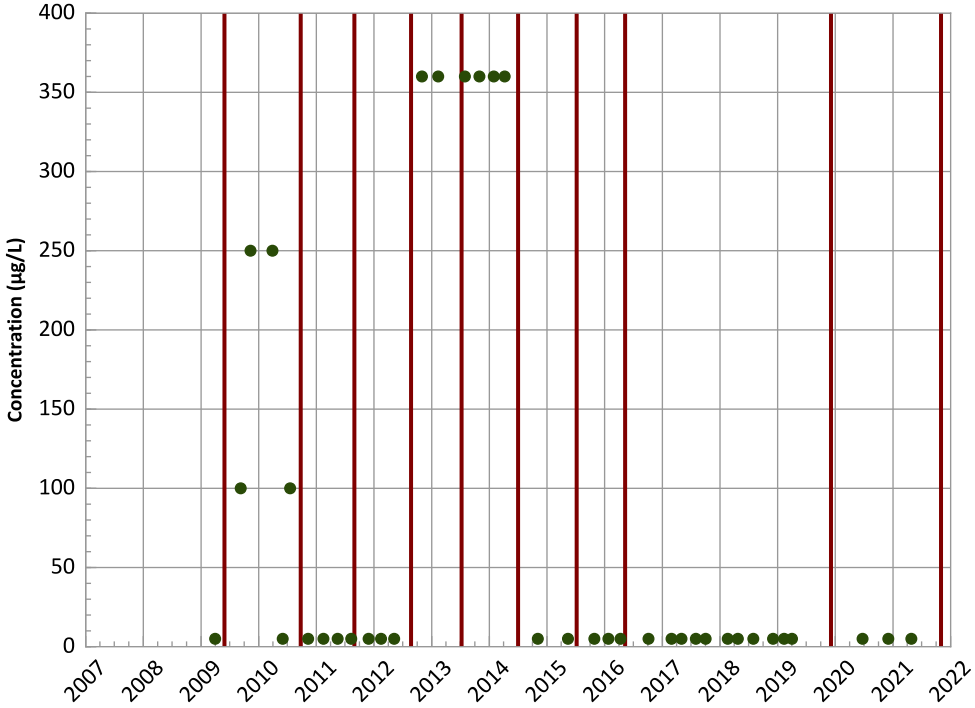


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Ethane Trend



Concentration Trend

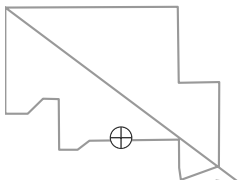
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

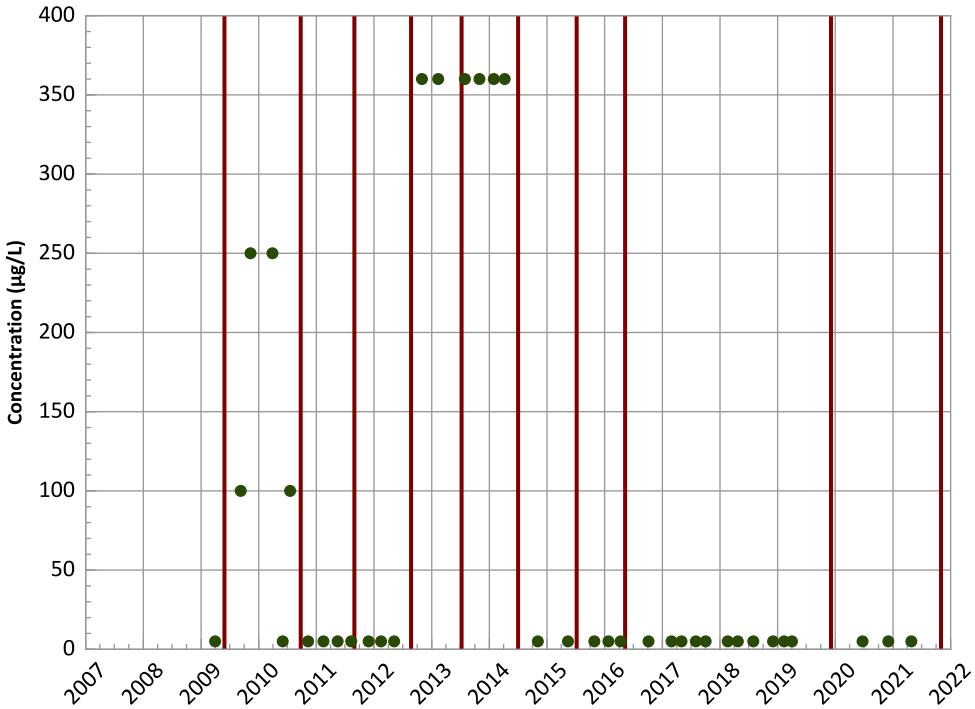
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB059 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

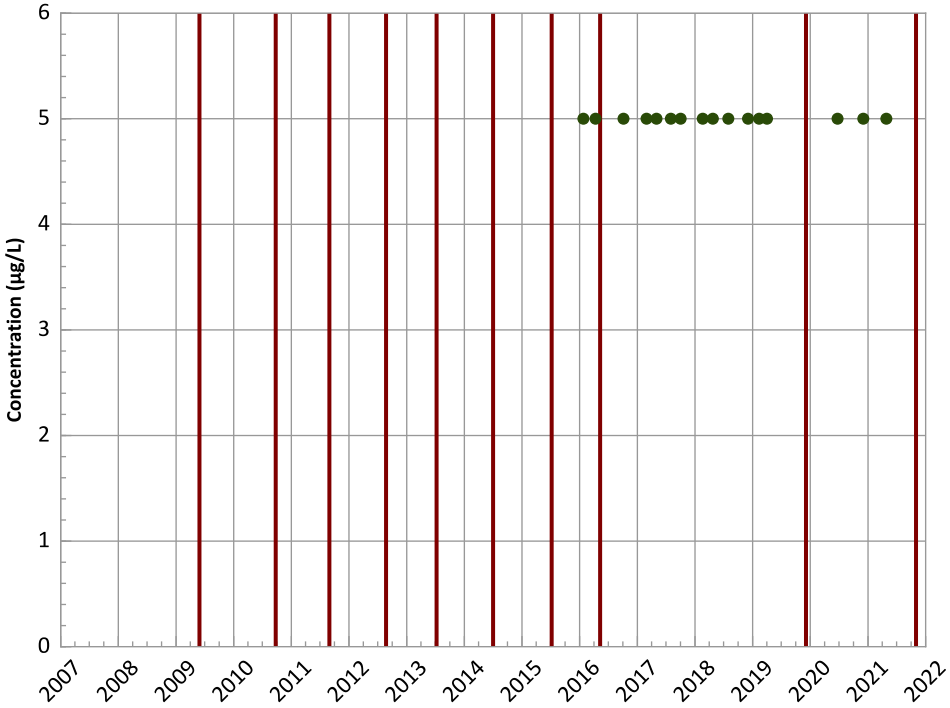


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trend



Concentration Trend

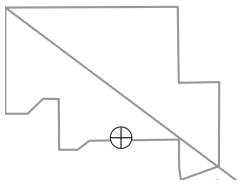
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

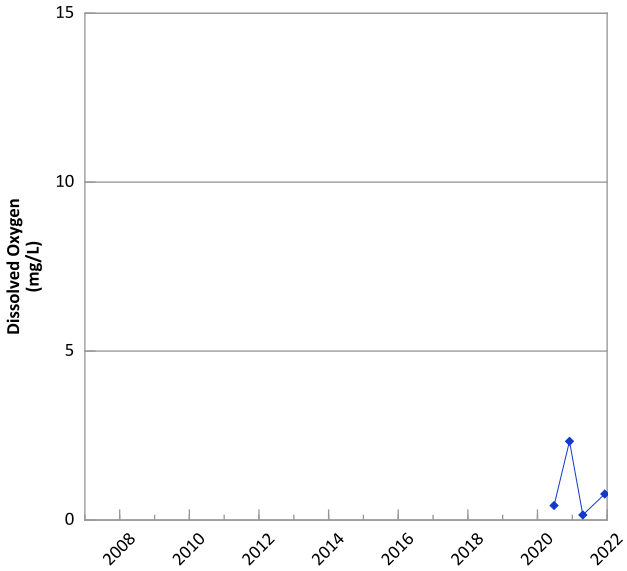
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 03/31/2009 to 04/27/2021
Analysis Date: 05/26/2022

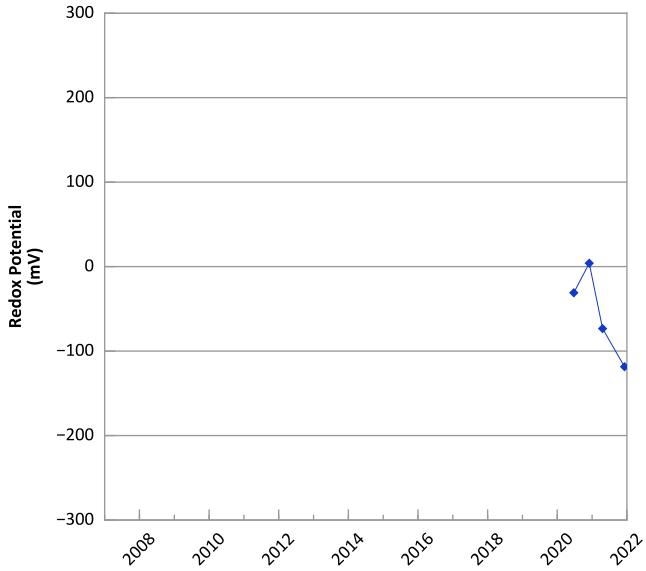
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

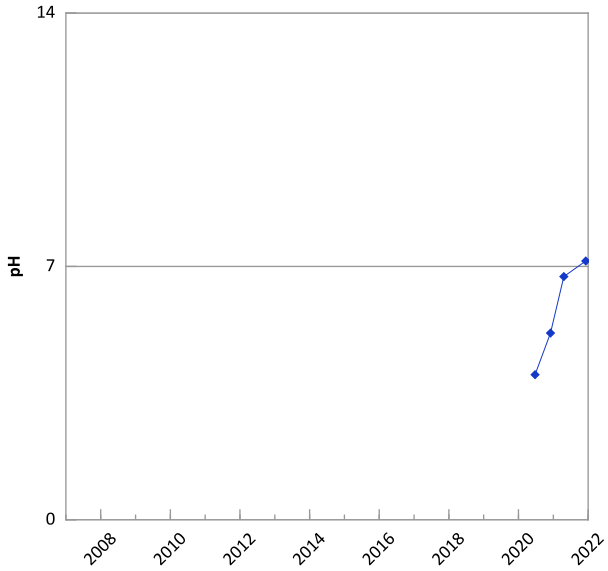
Well Location

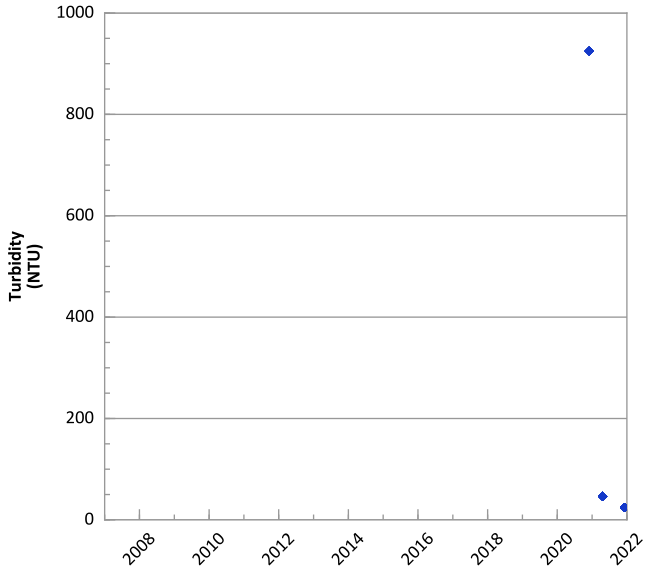


PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



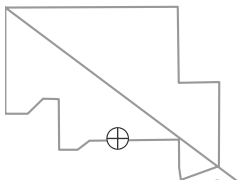






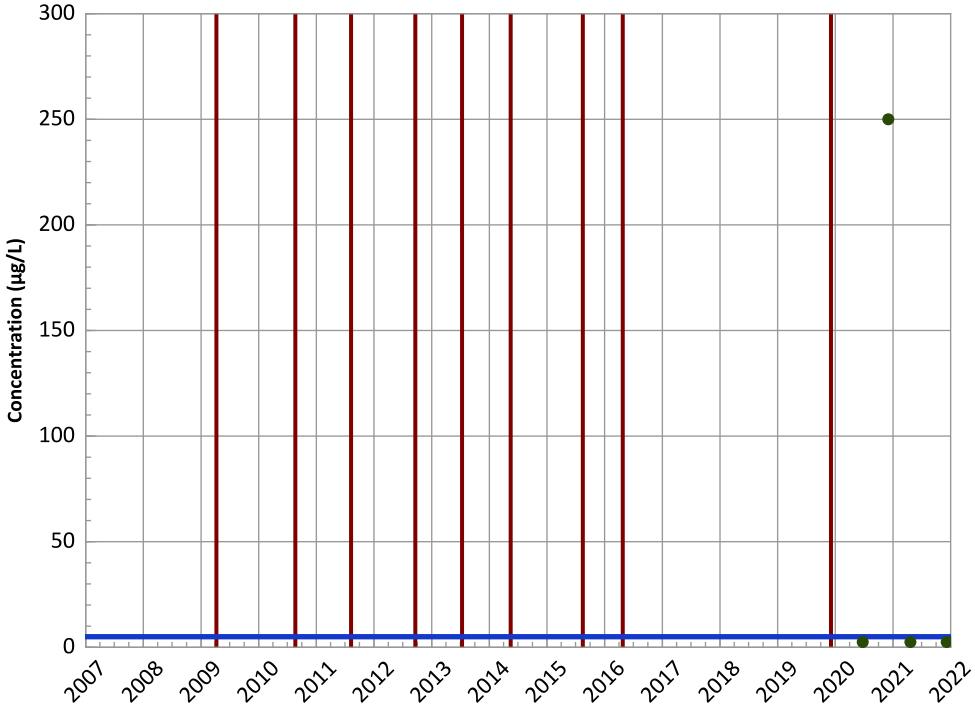
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

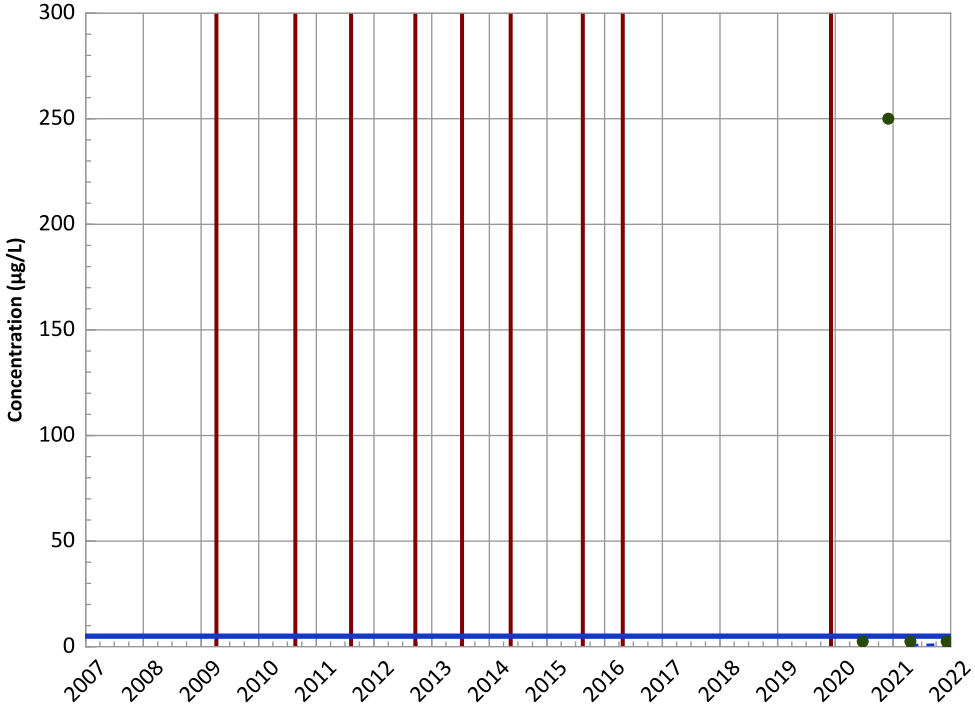


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

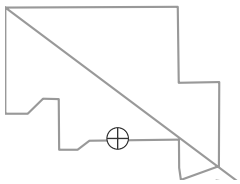
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

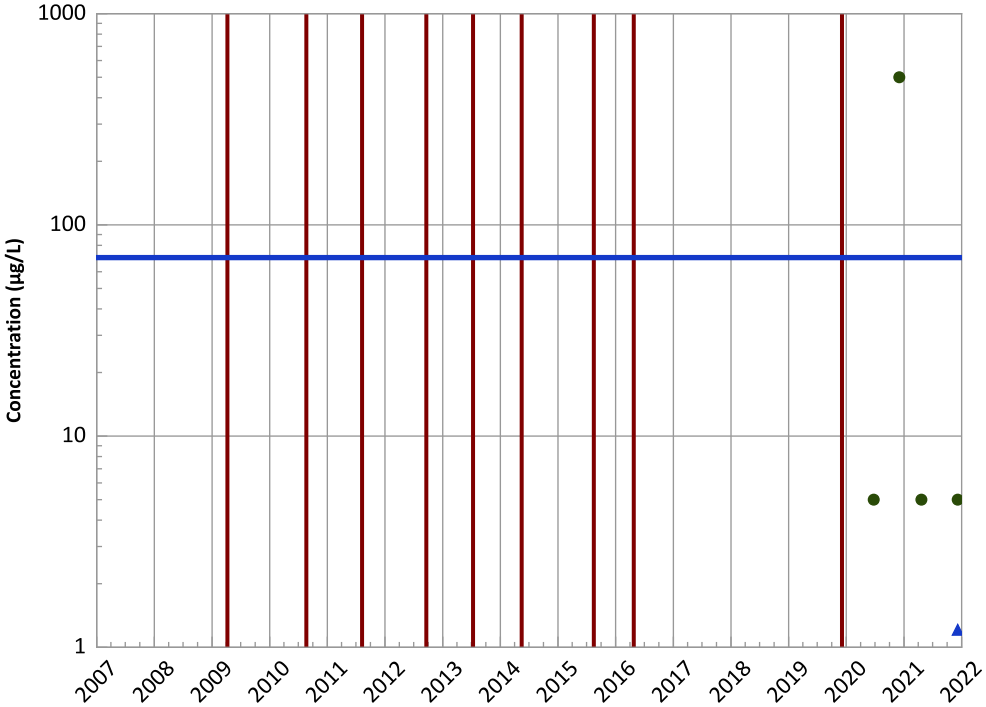
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

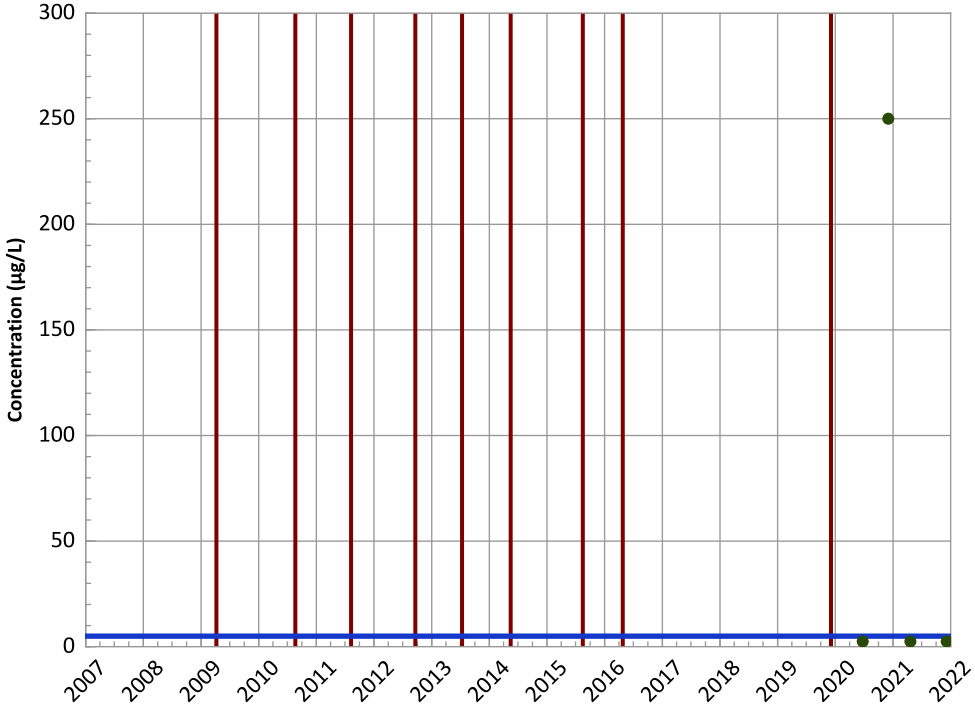


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

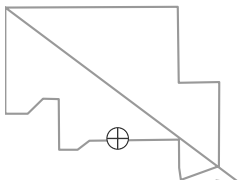
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

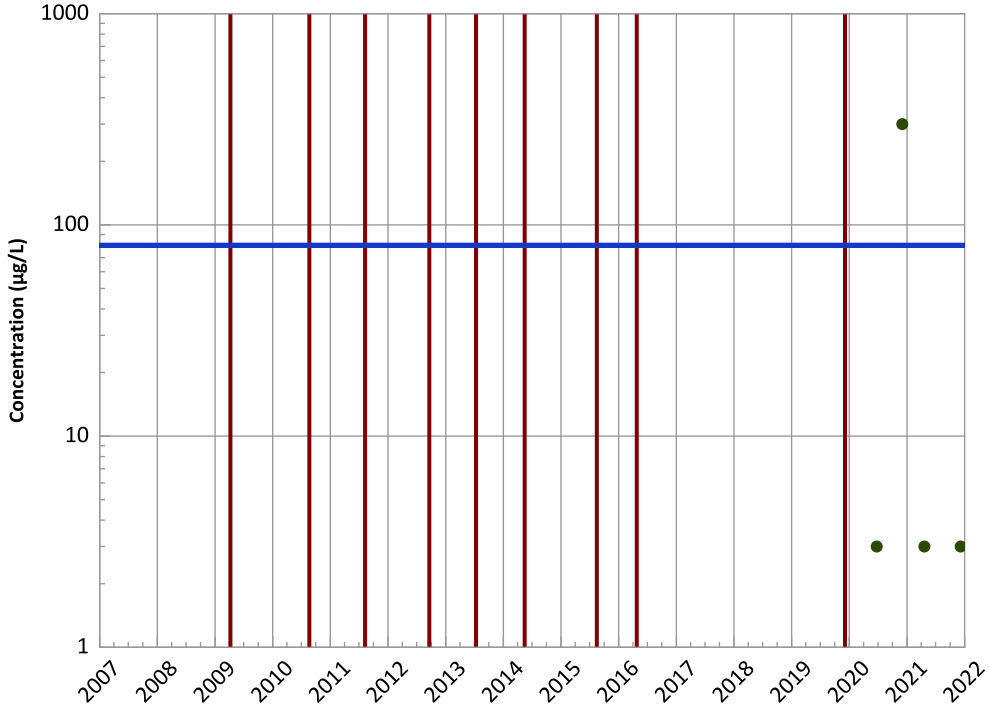
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

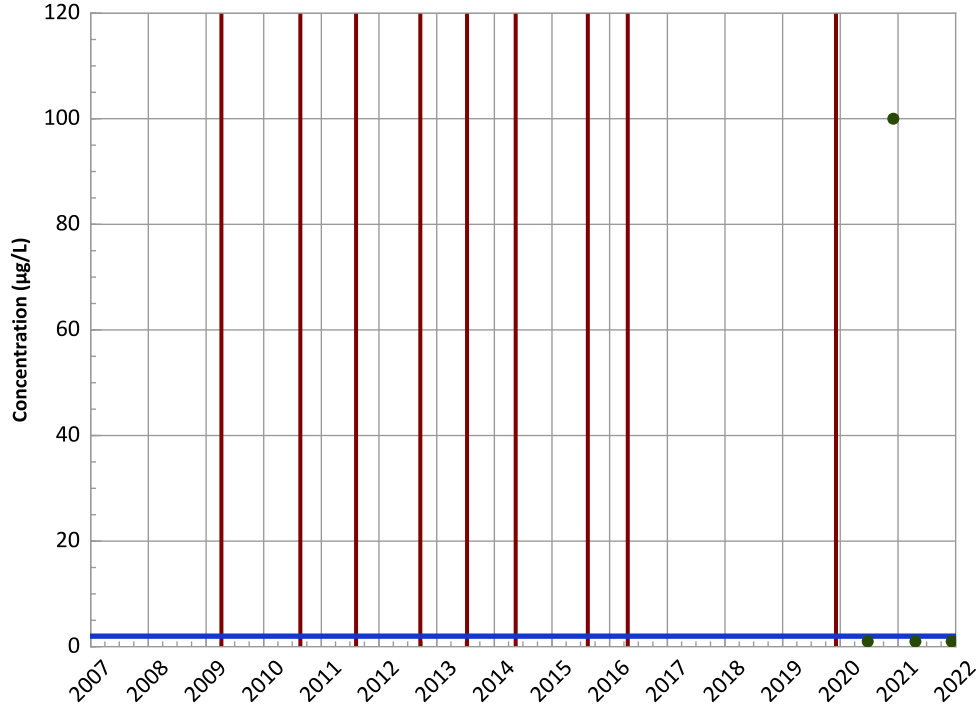


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

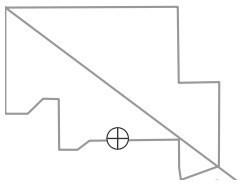
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

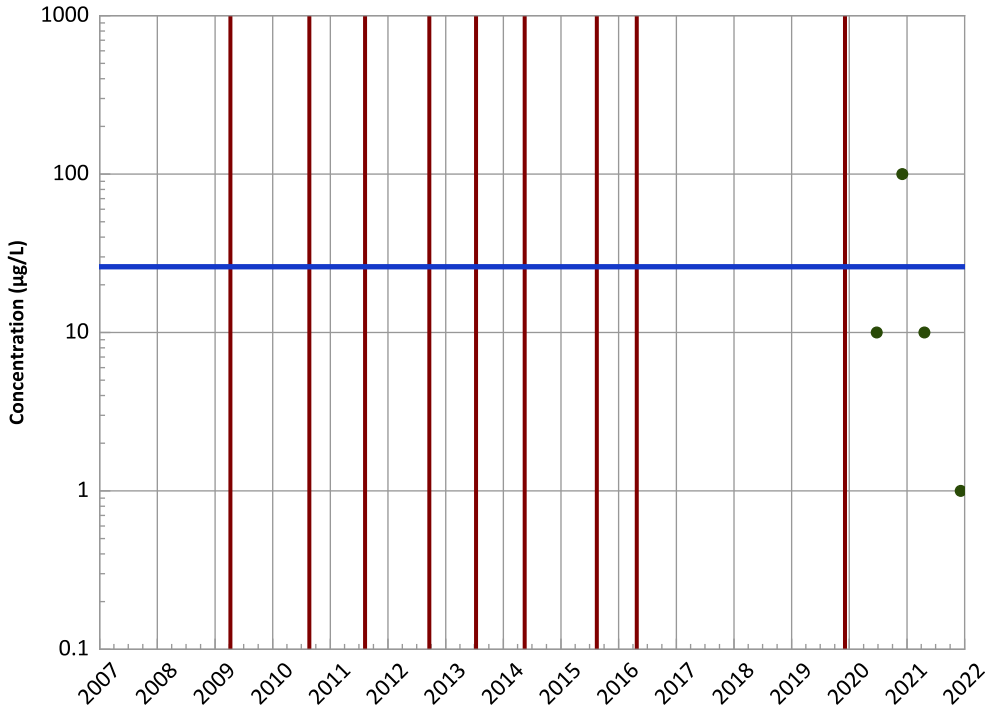
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

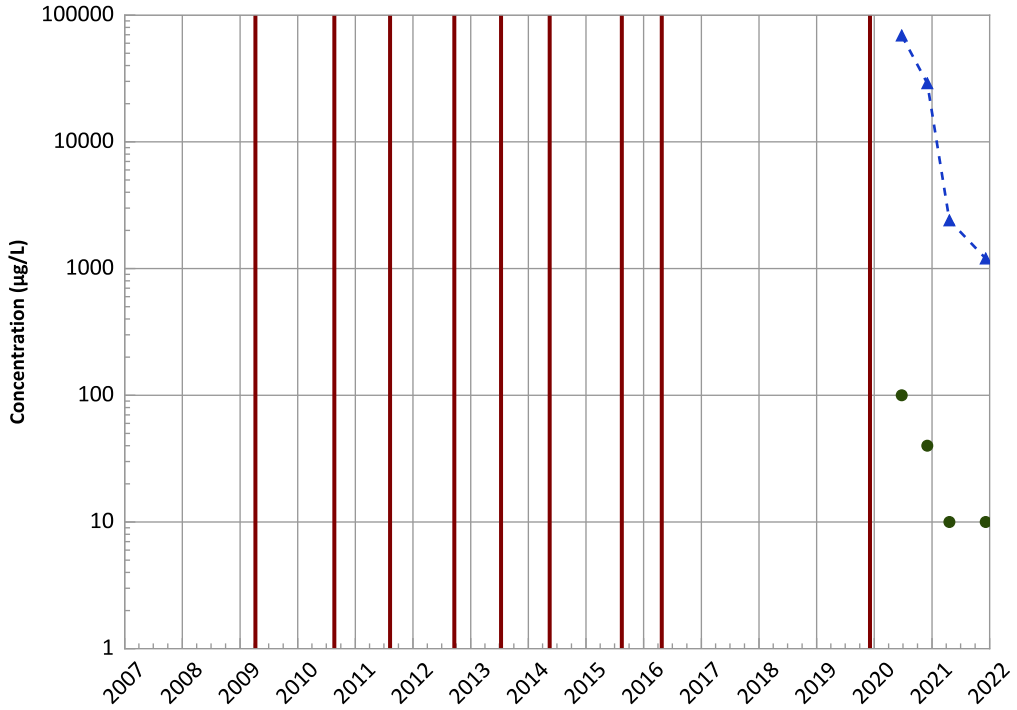


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

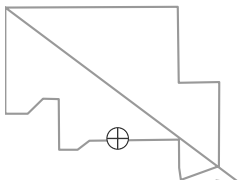
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

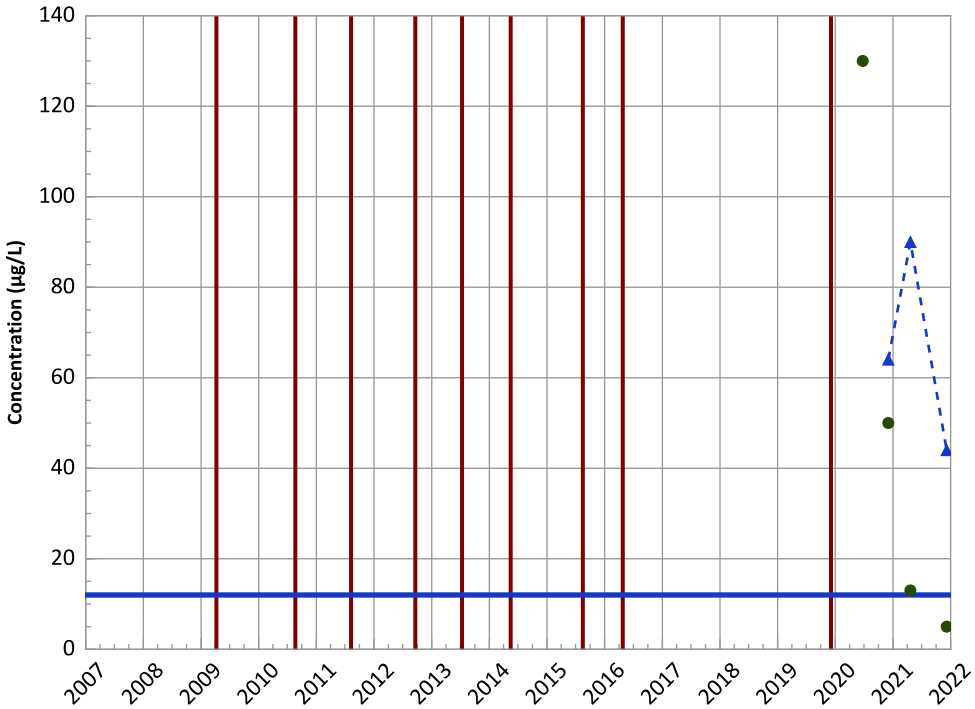
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

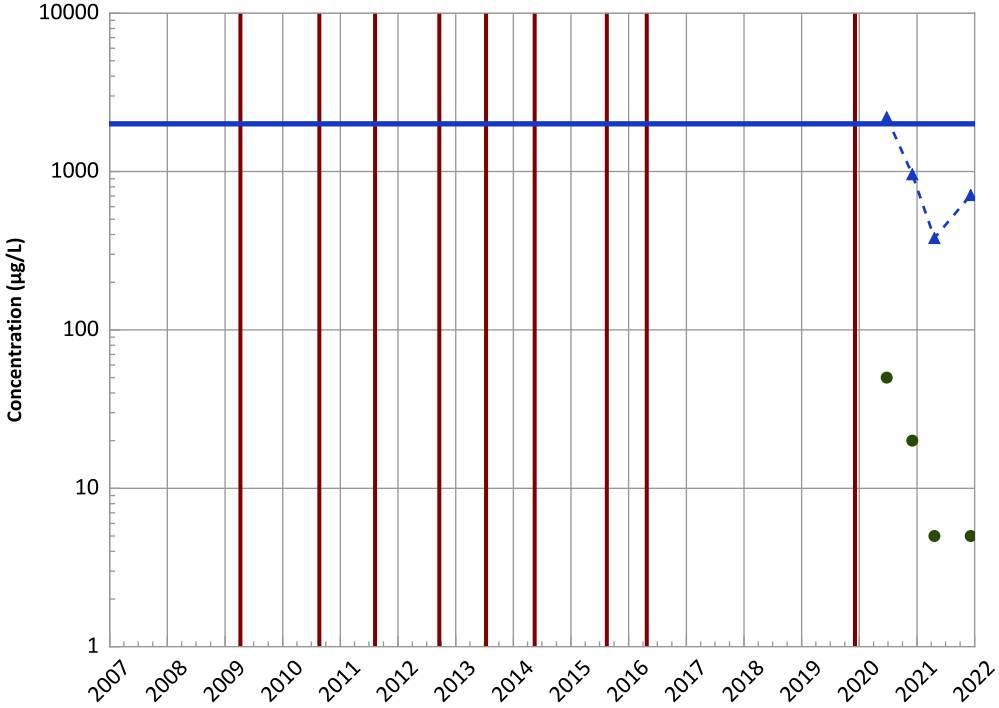


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

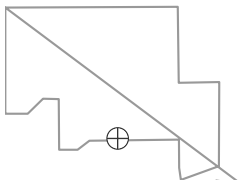
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

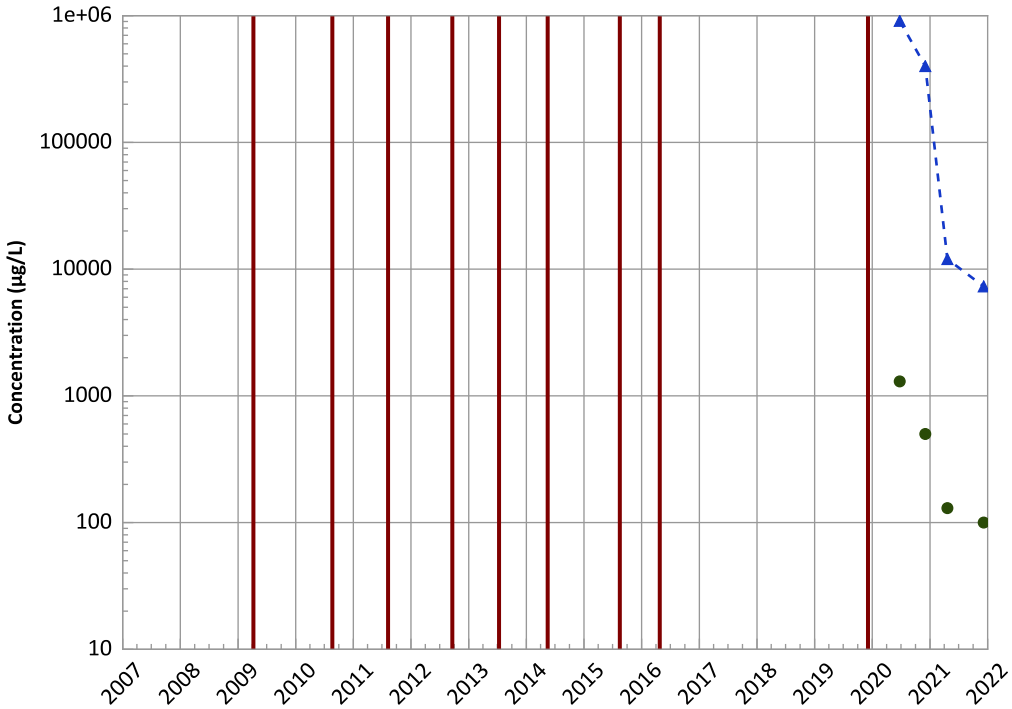
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

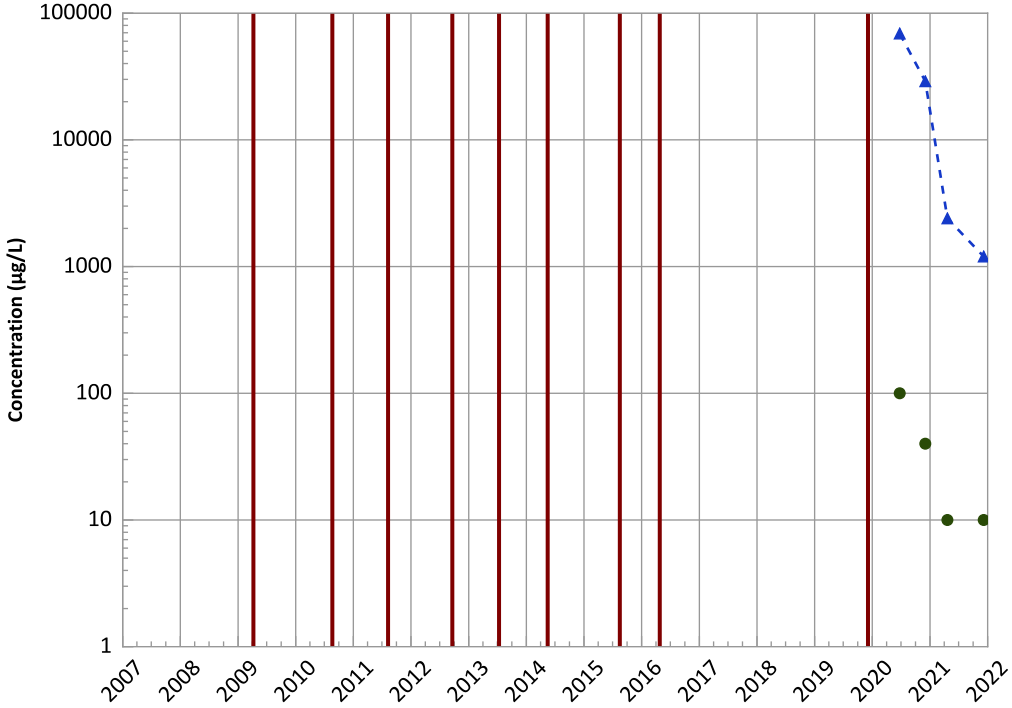


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Manganese Trend

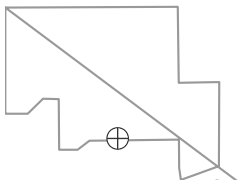


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

Well Location

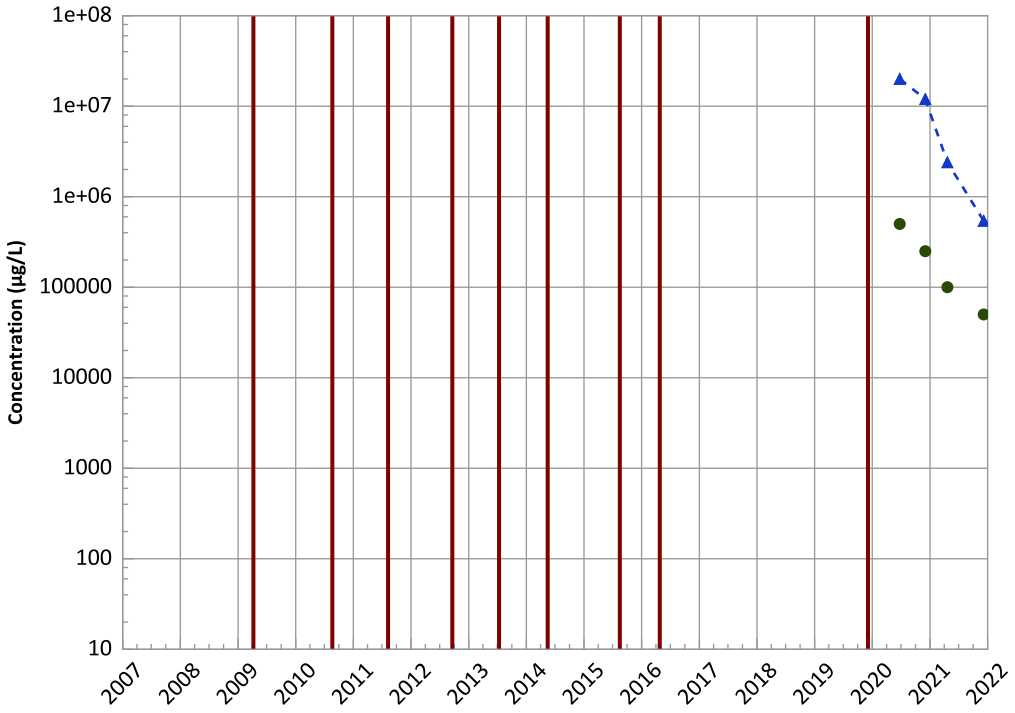


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

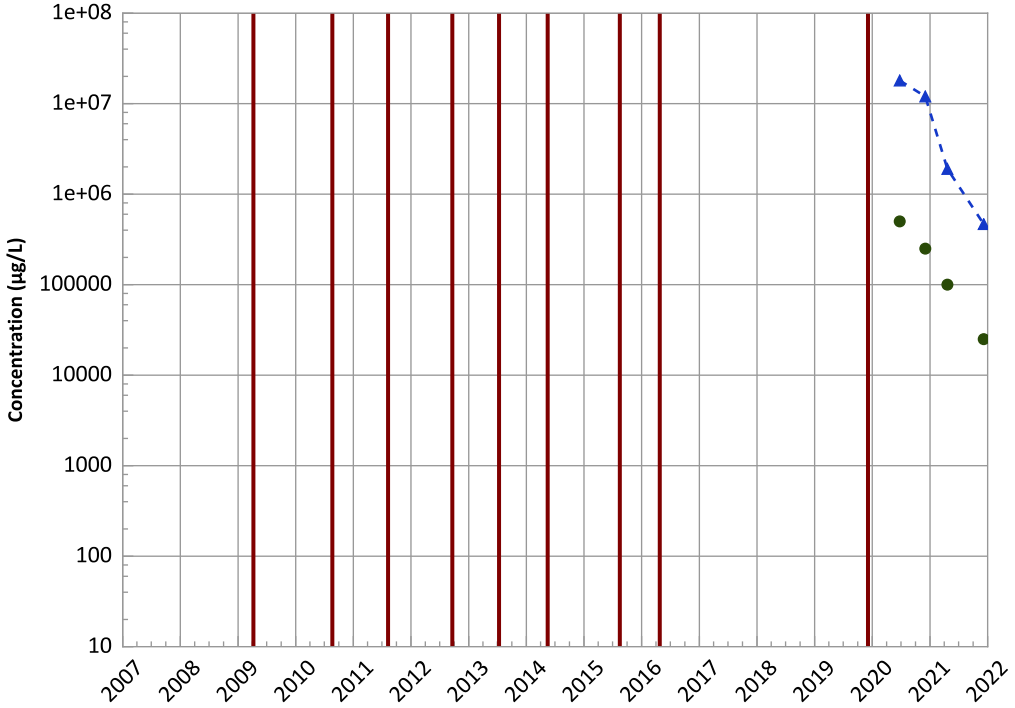


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

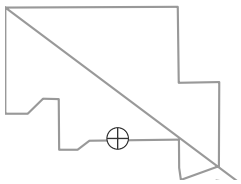
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

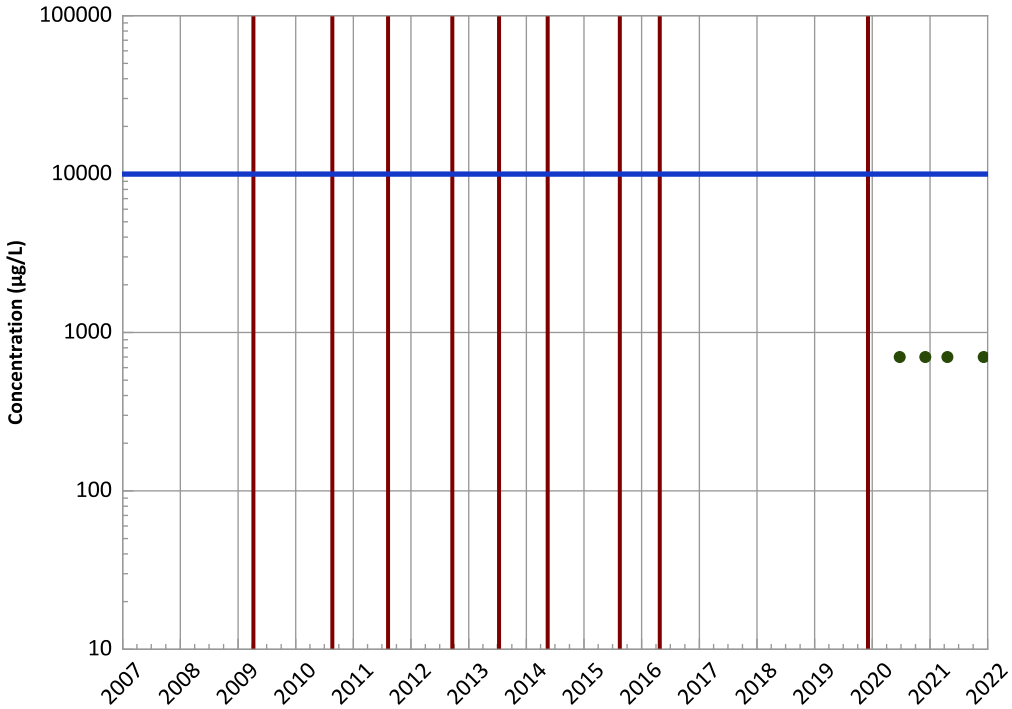
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

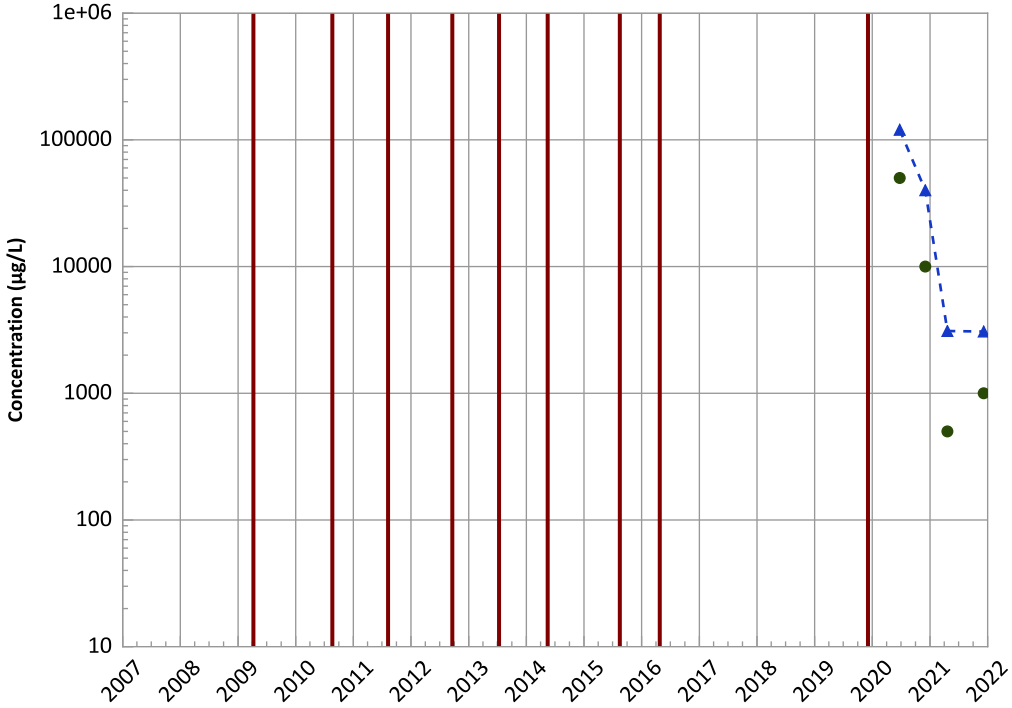


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

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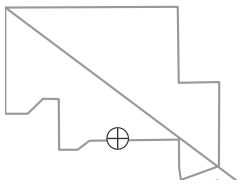
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

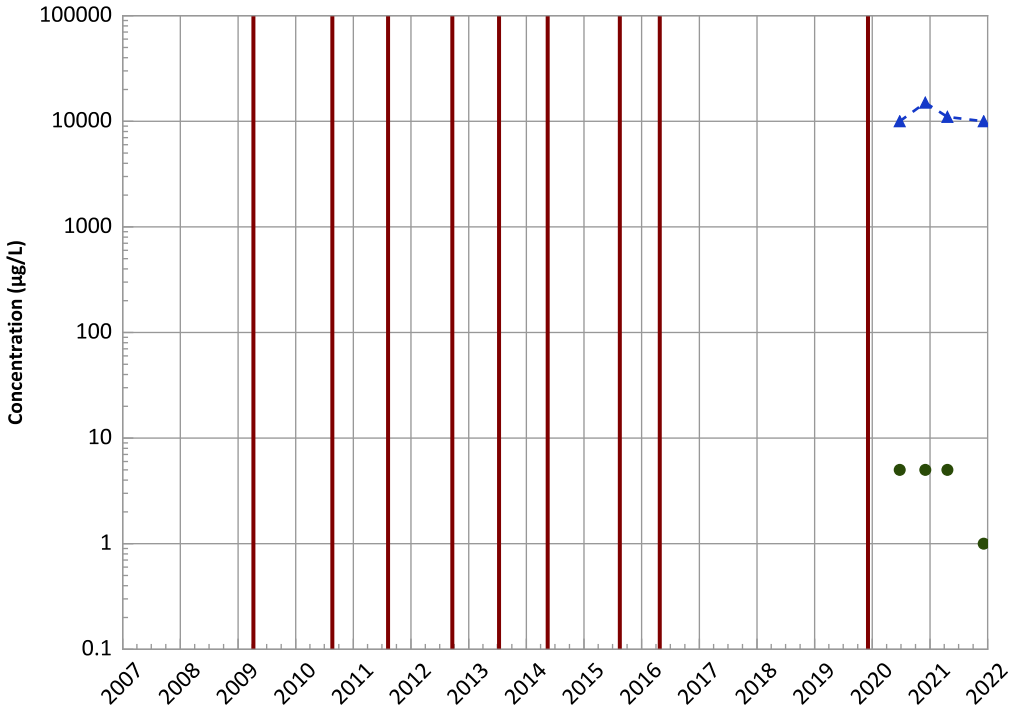
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

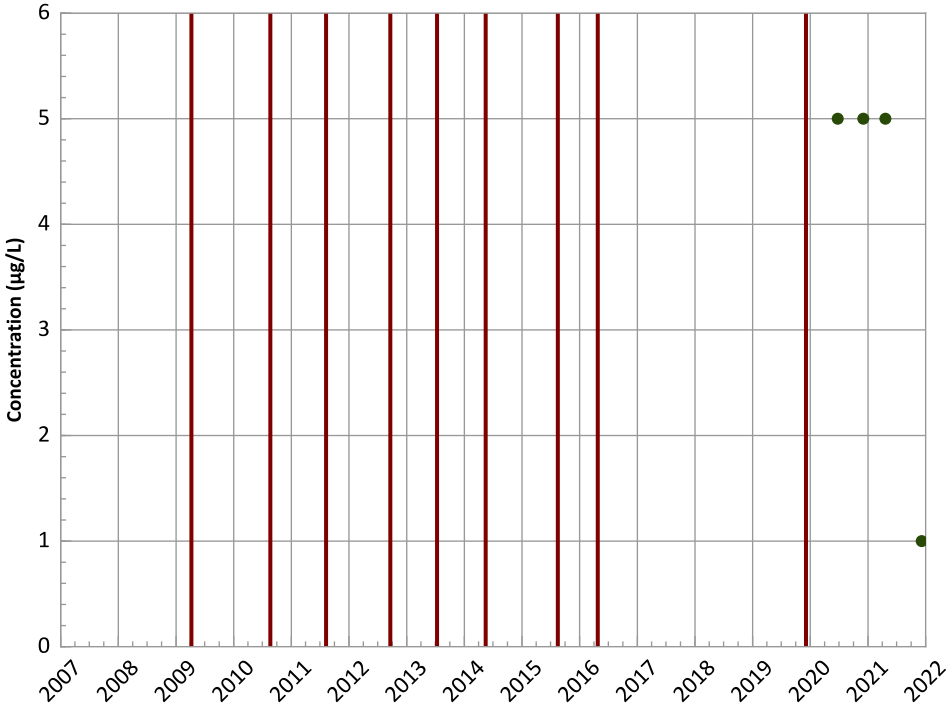


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Ethane Trend



Concentration Trend

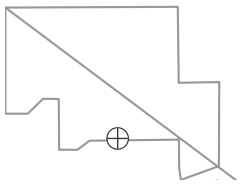
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

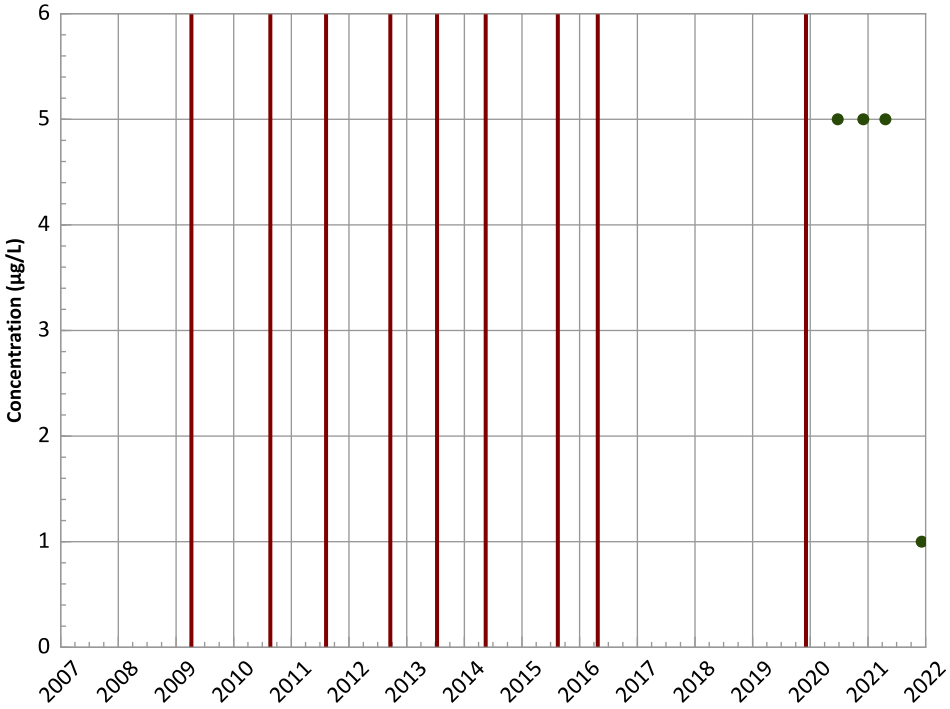
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB064 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

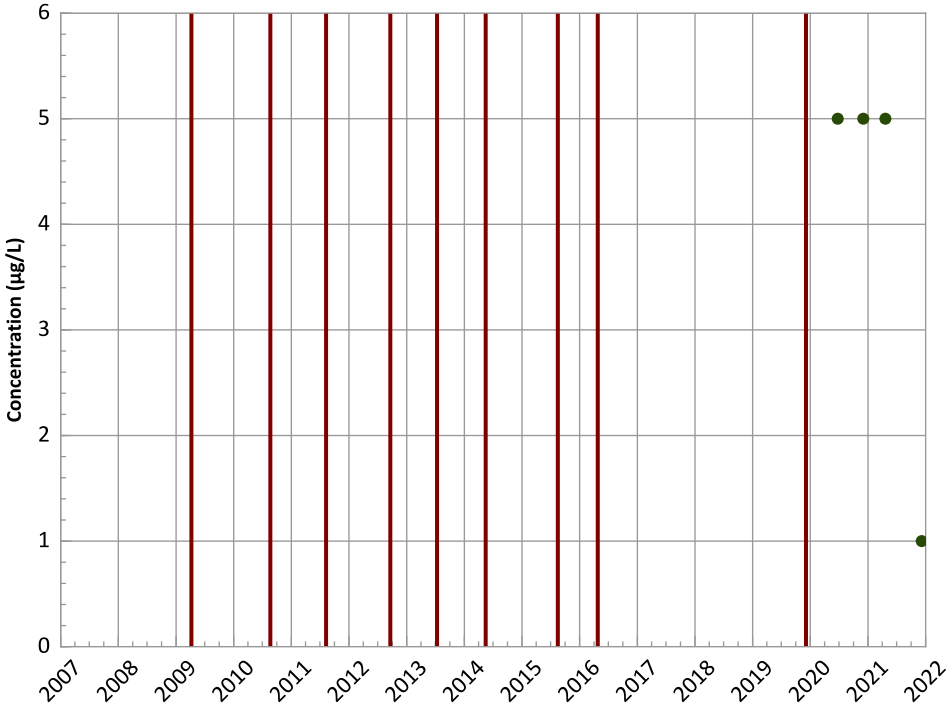


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trend

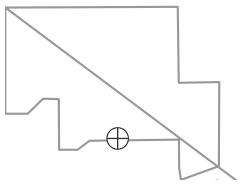


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

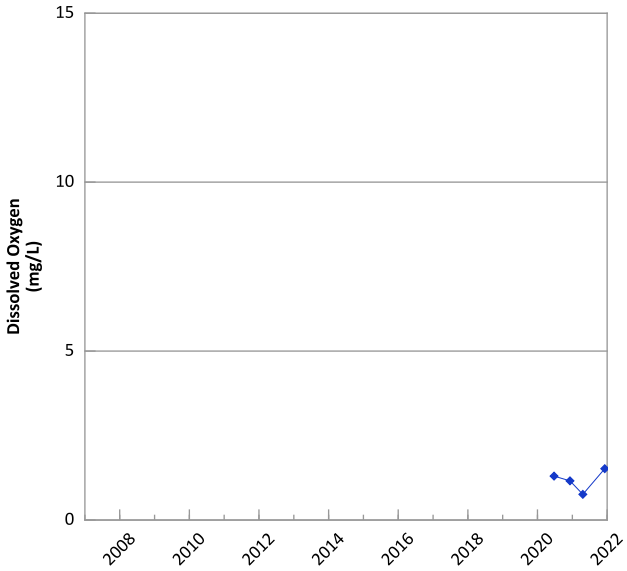
Well Location

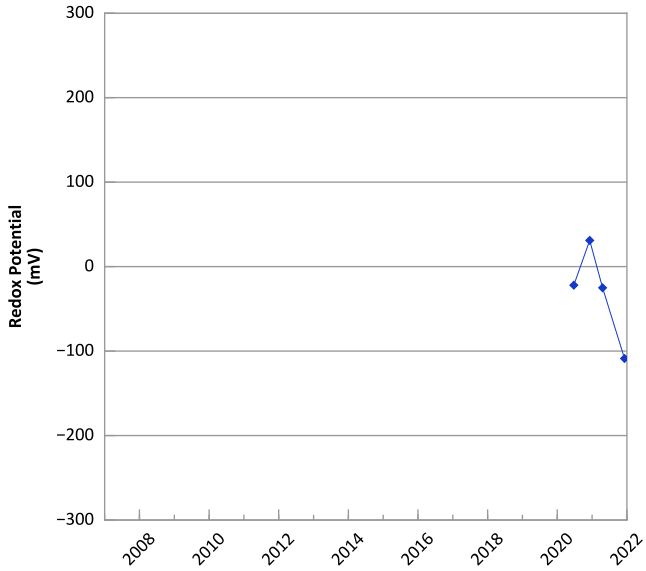


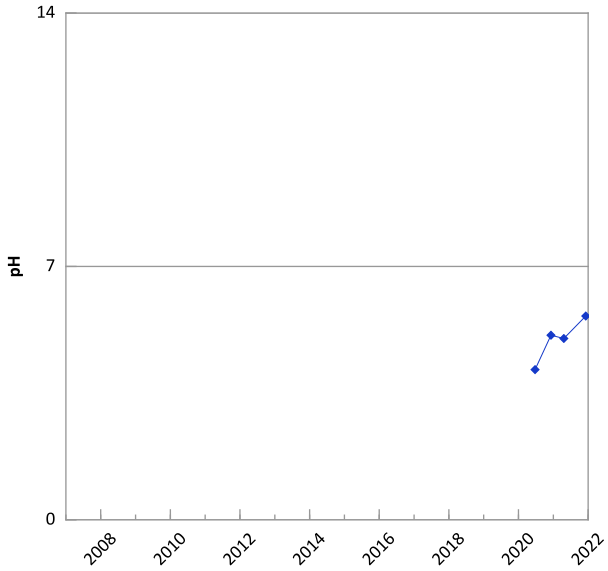
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

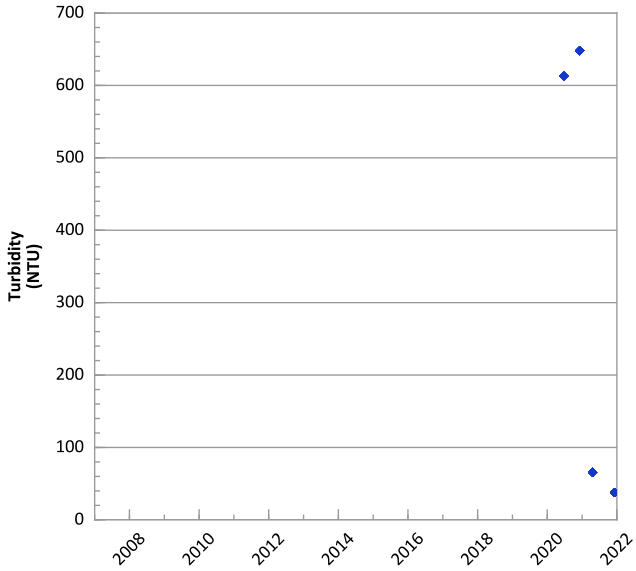
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



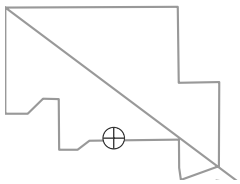






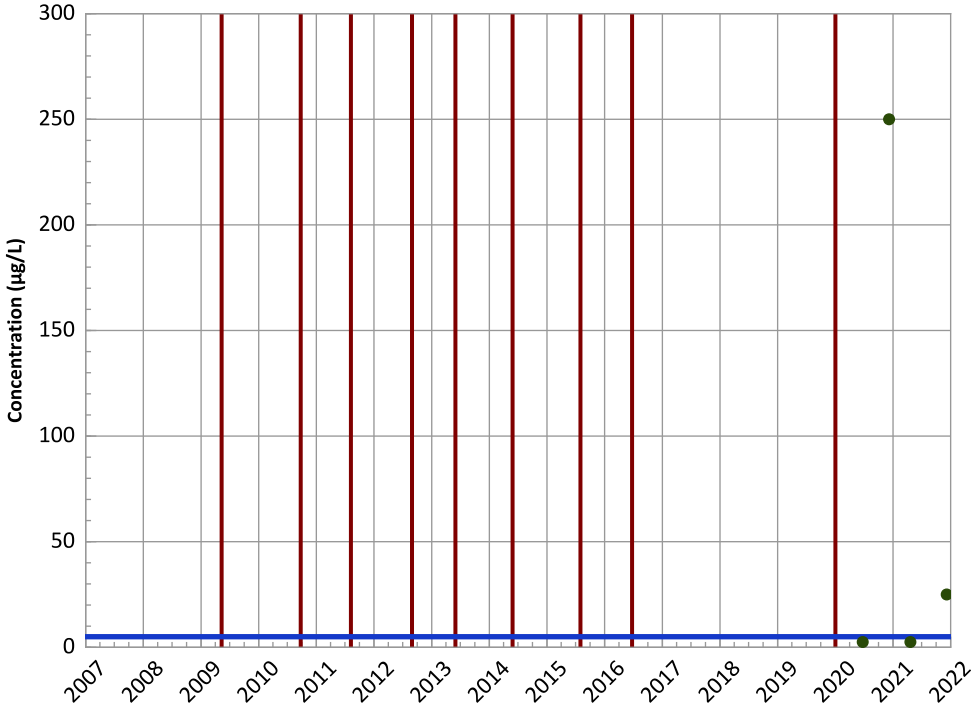
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

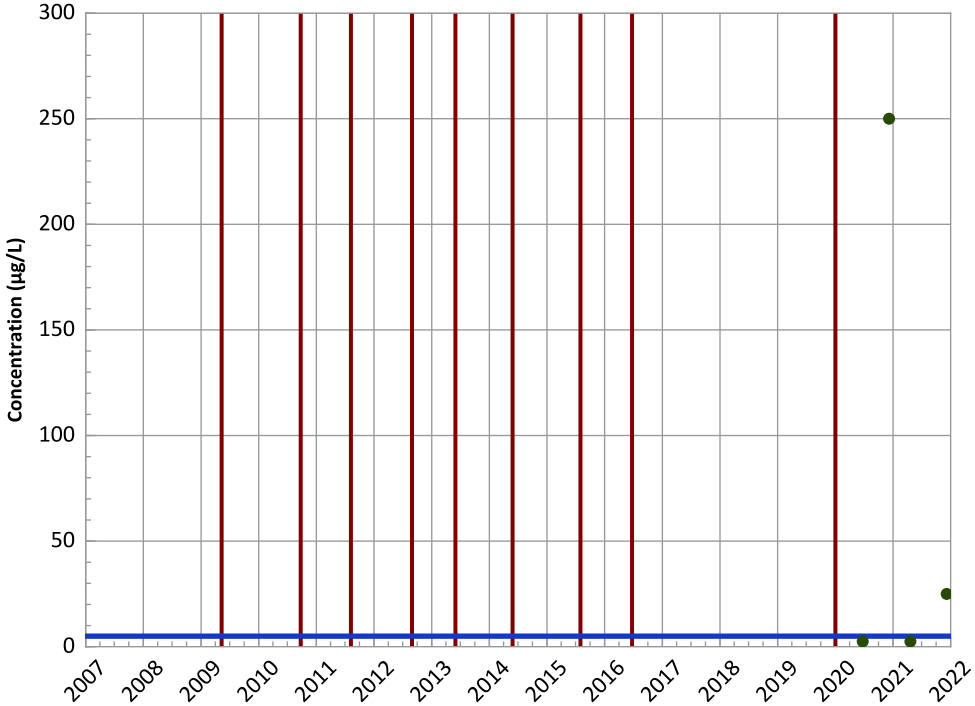


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

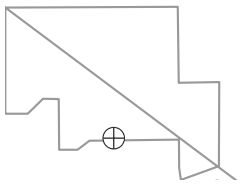
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

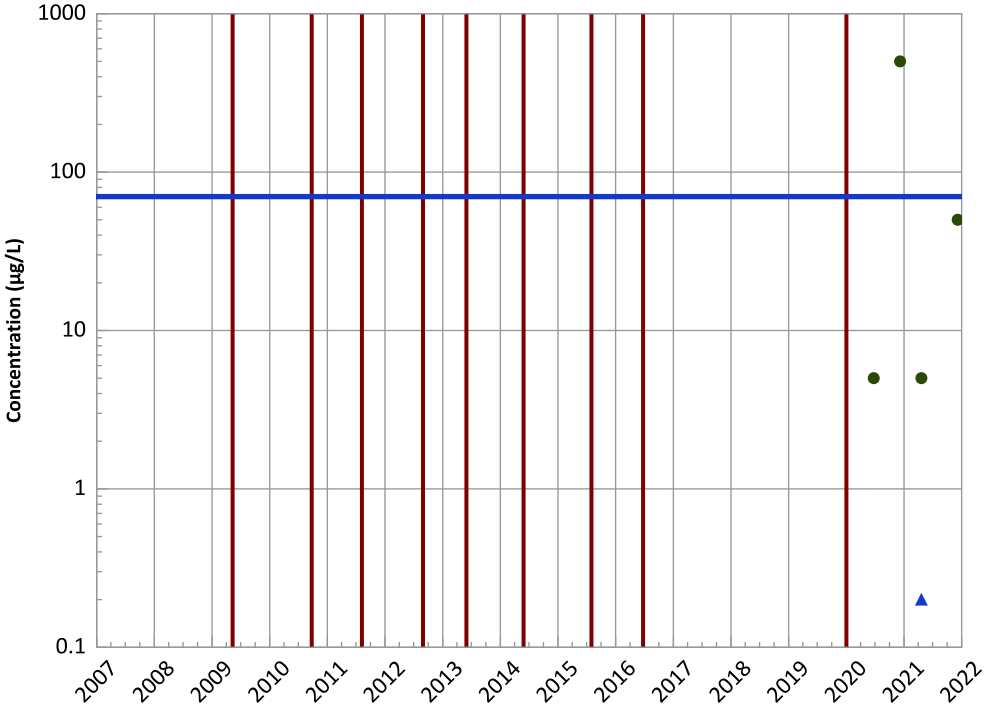
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

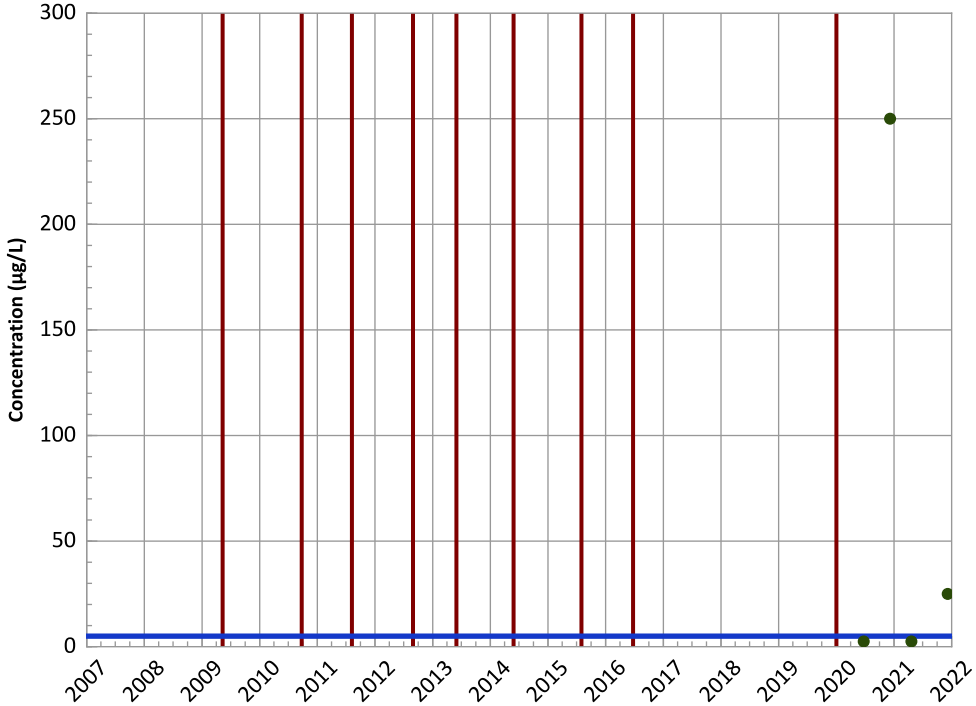


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

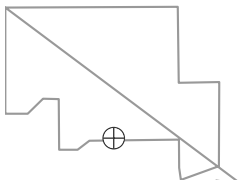
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

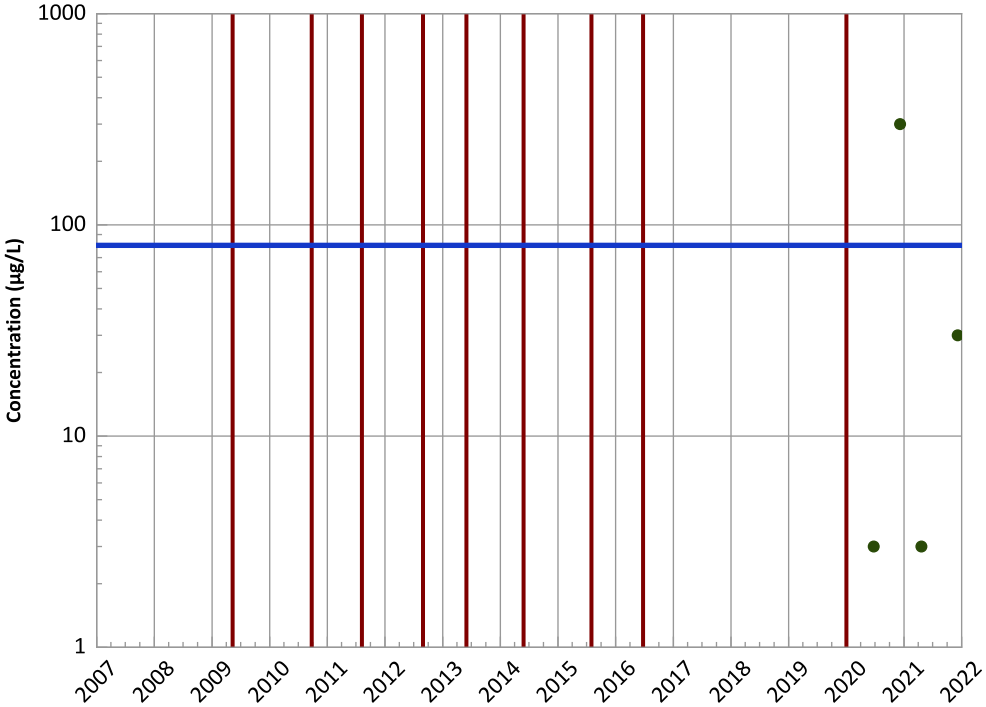
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

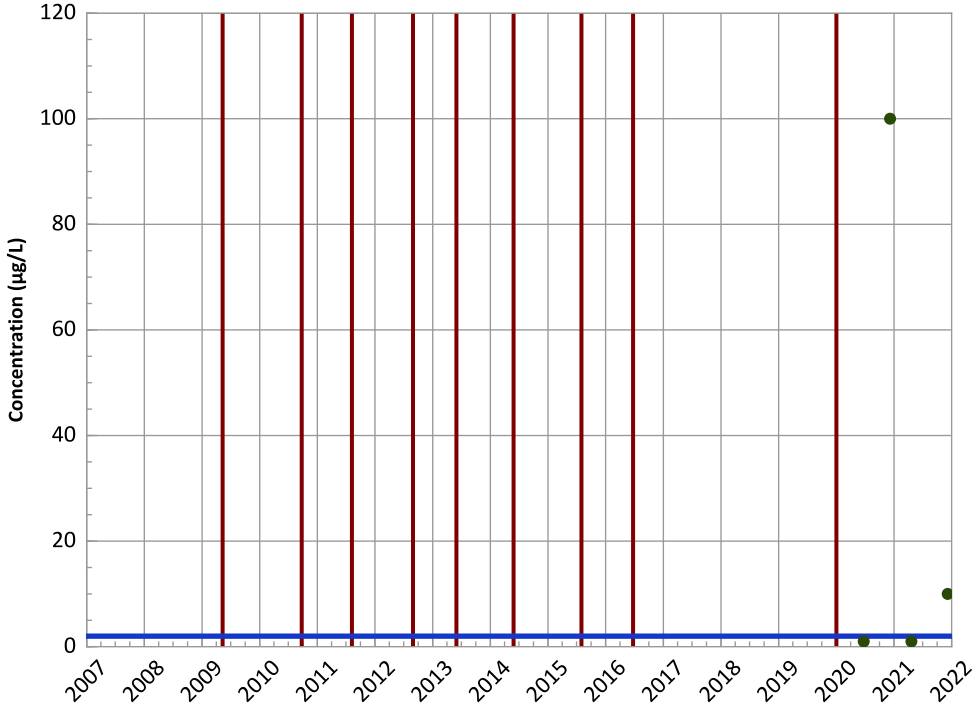


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend

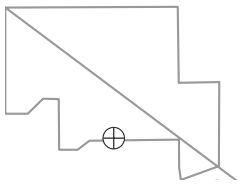


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

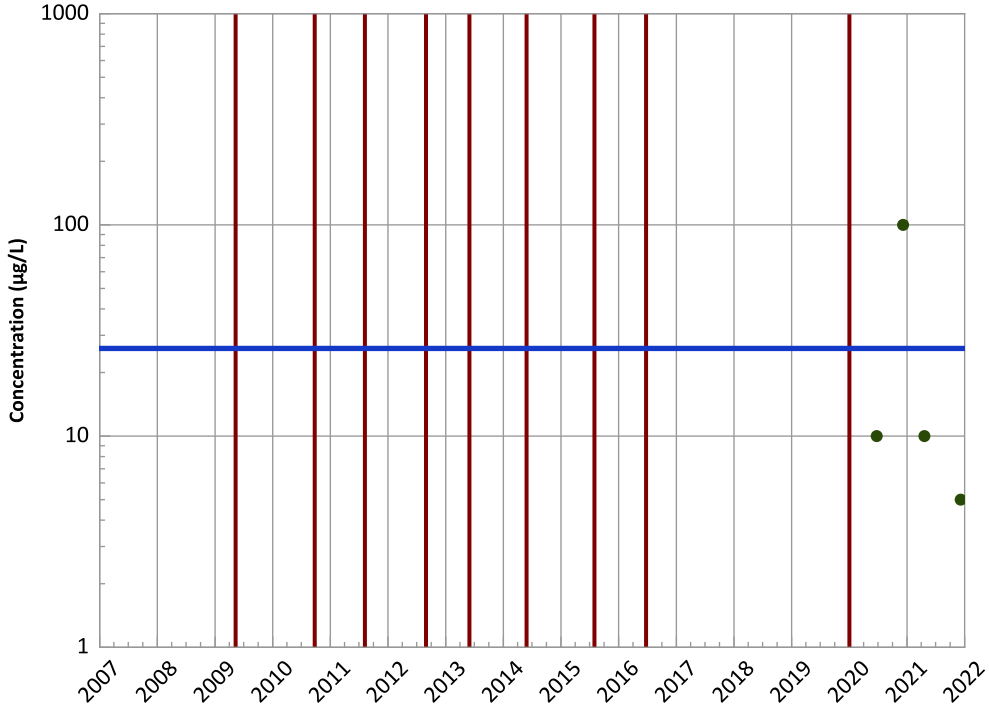


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

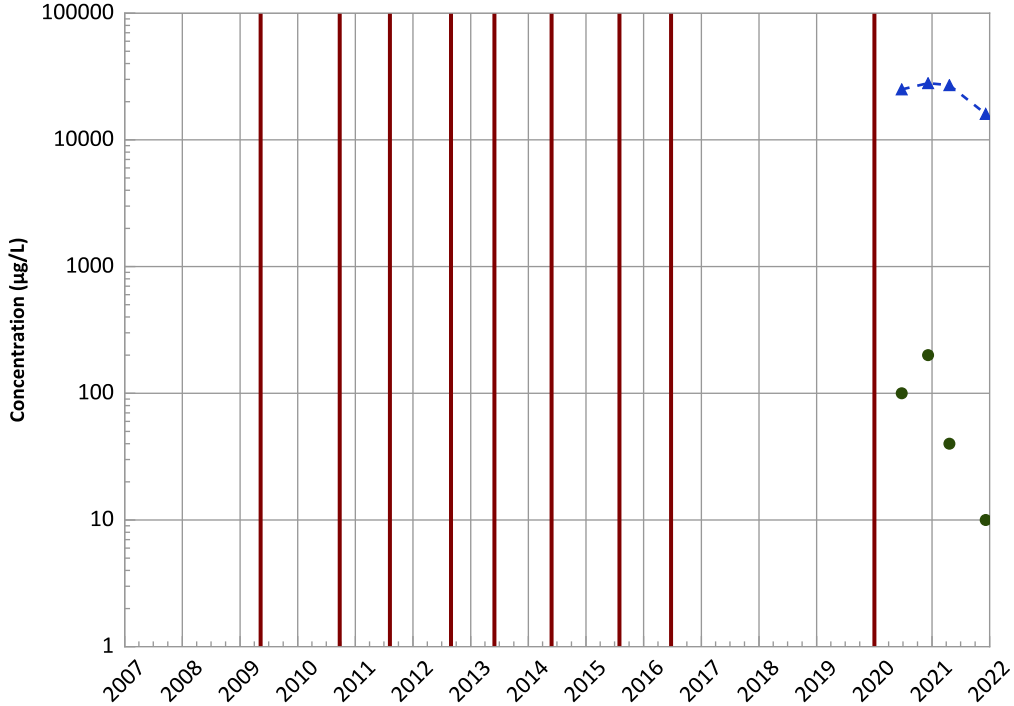


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

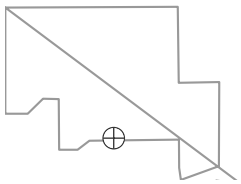
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable' 'Stable
2019 - 2021 Data:
Stable' 'Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

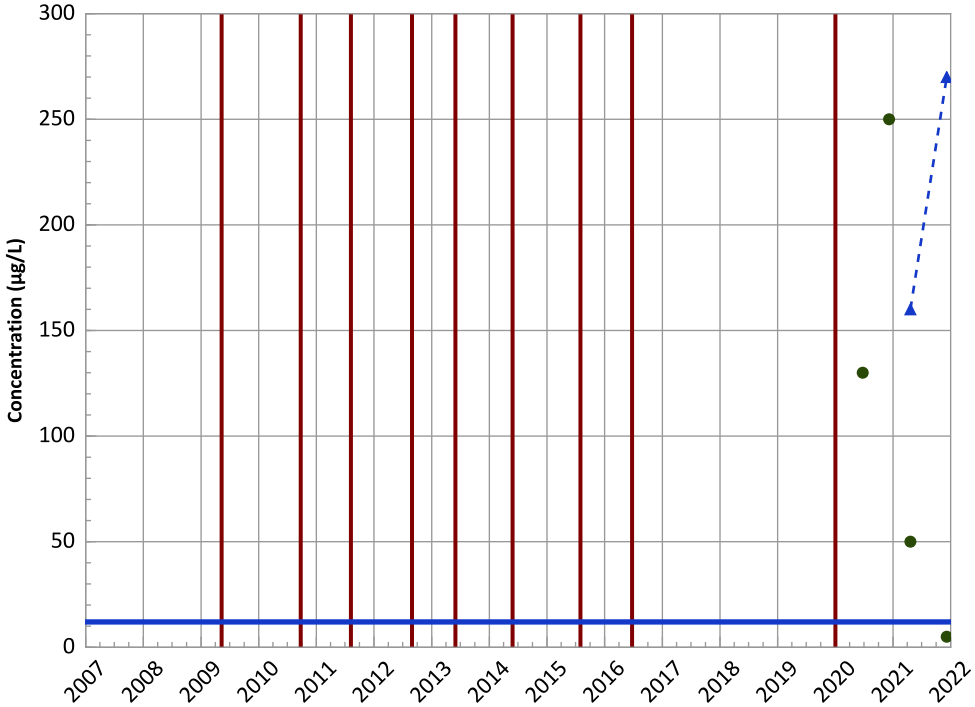
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

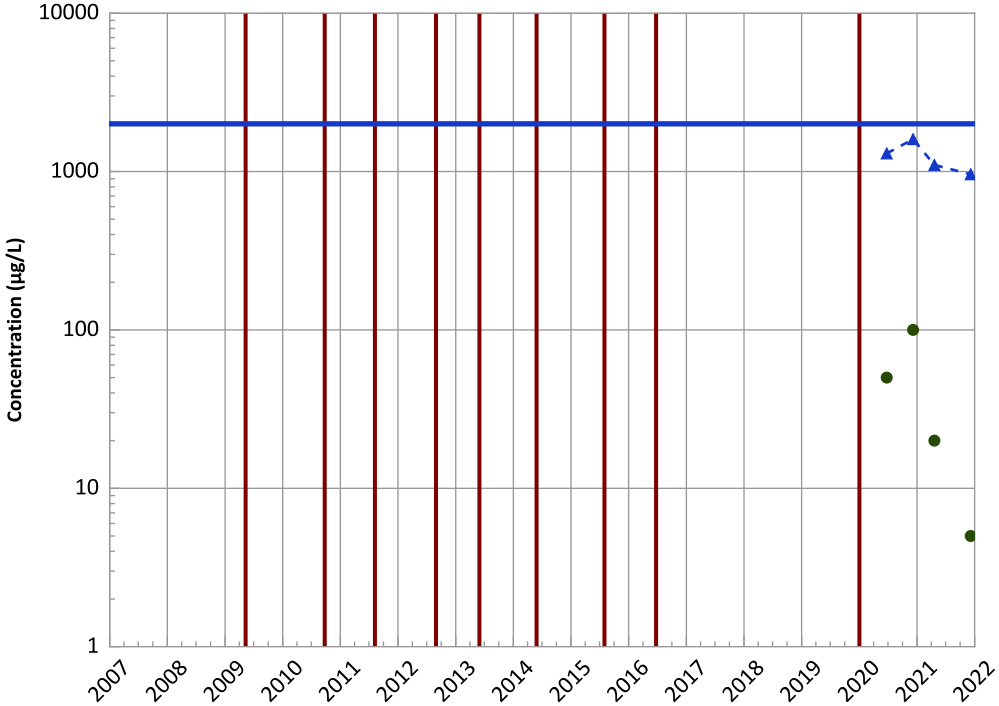


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

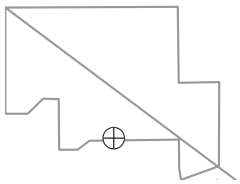
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

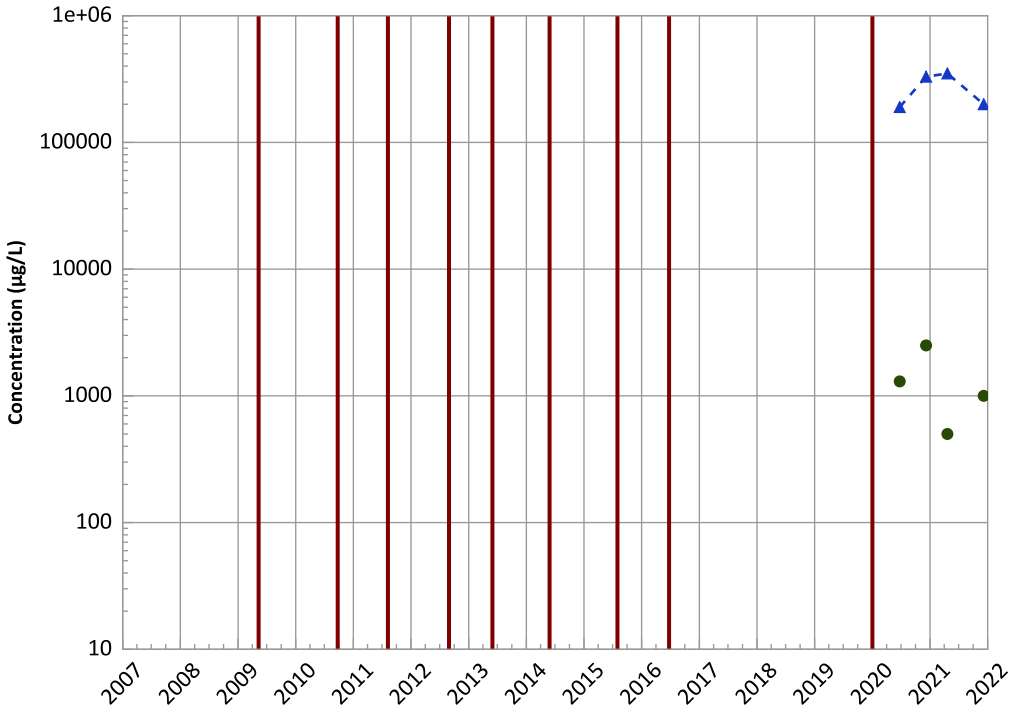
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

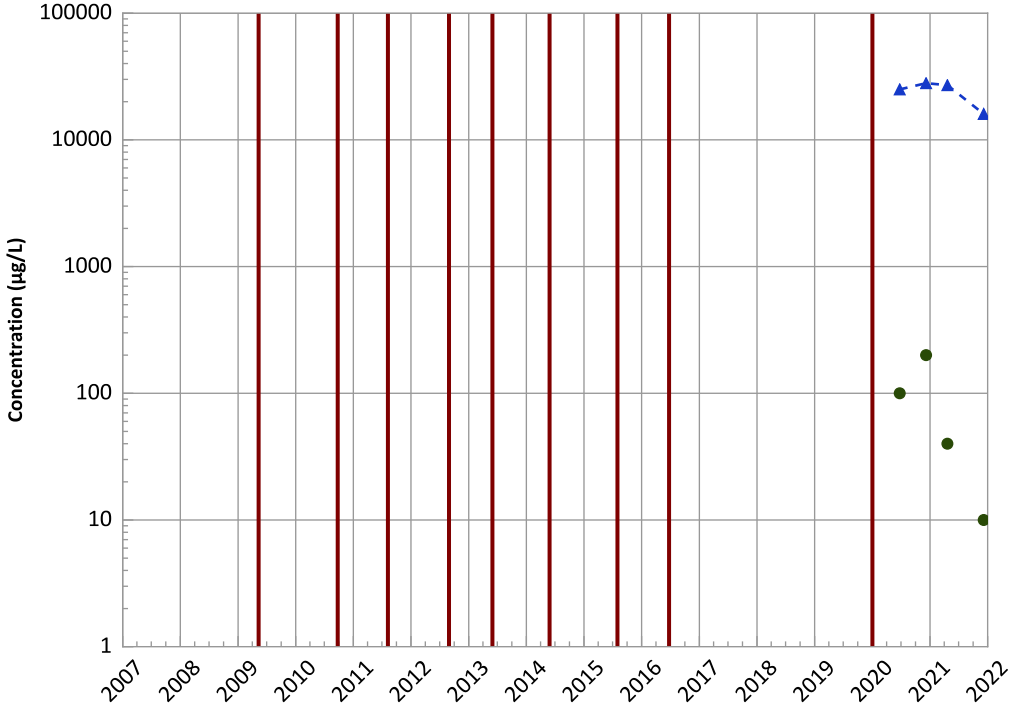


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Manganese Trend



Concentration Trend

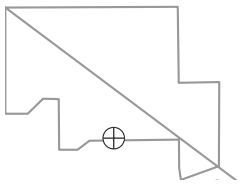
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable' 'Stable
2019 - 2021 Data:
Stable' 'Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

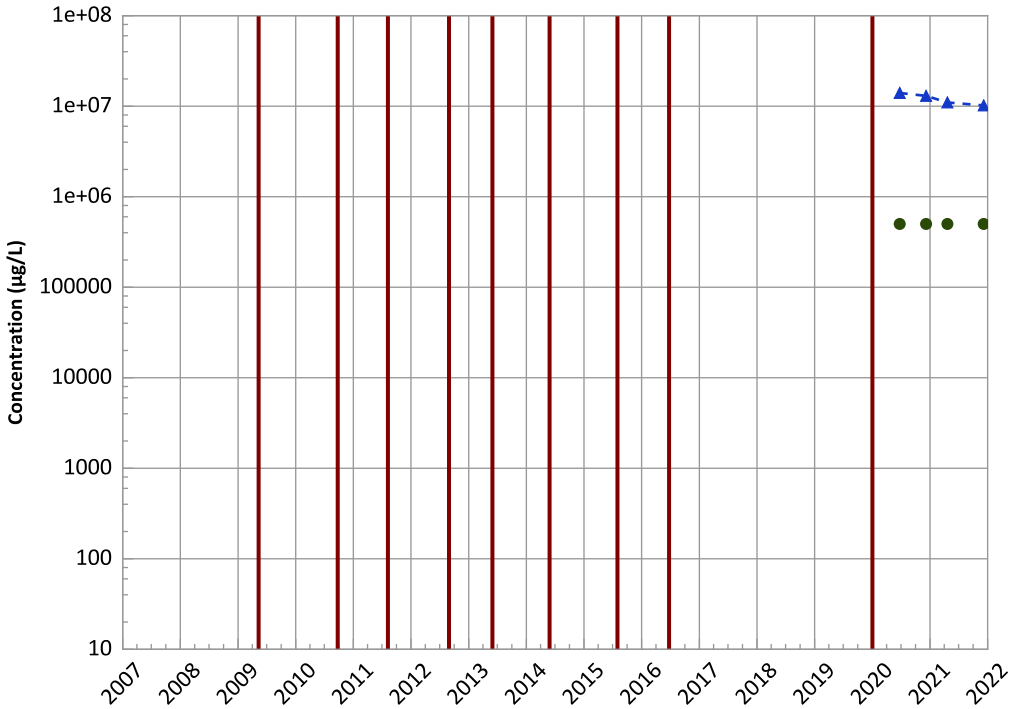
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

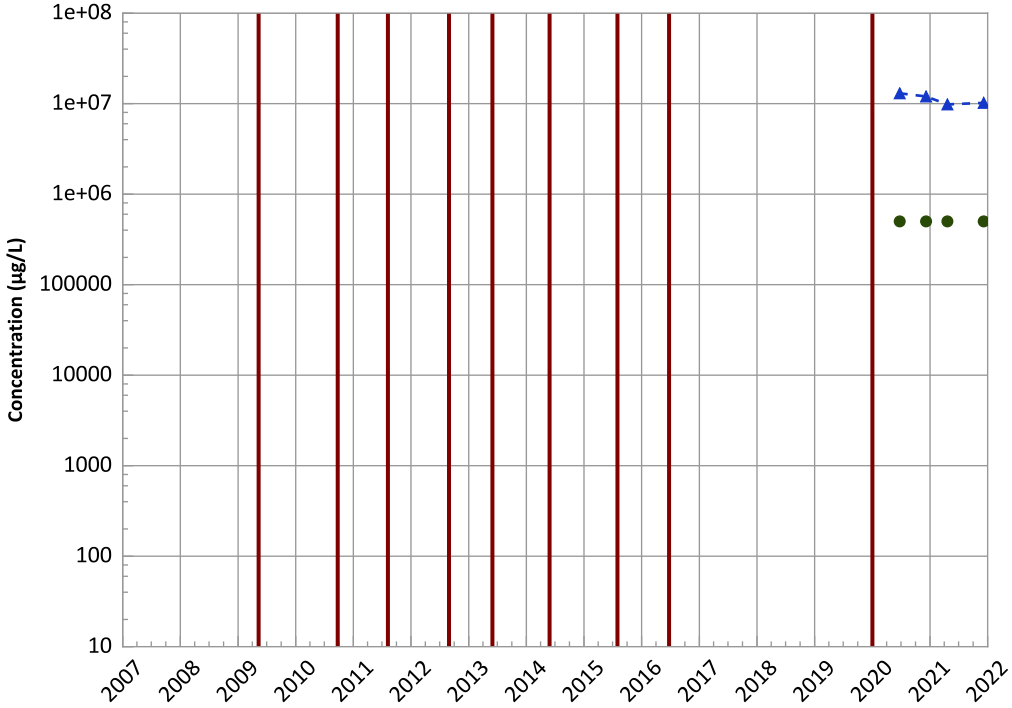


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

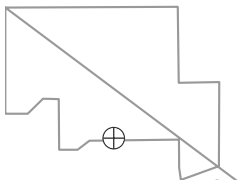
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

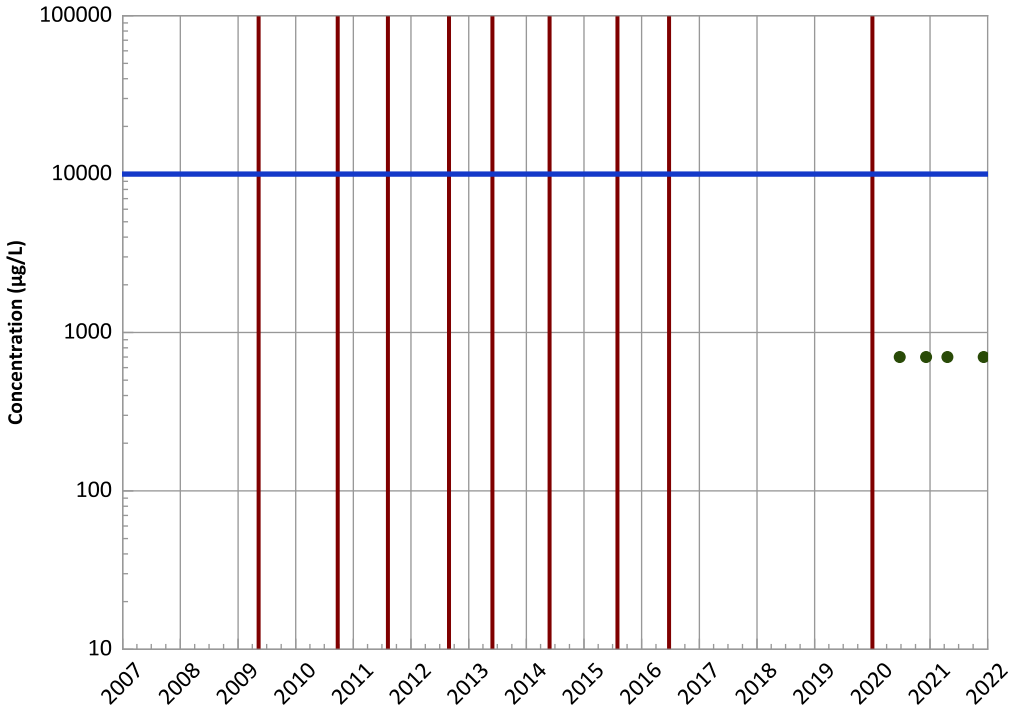
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

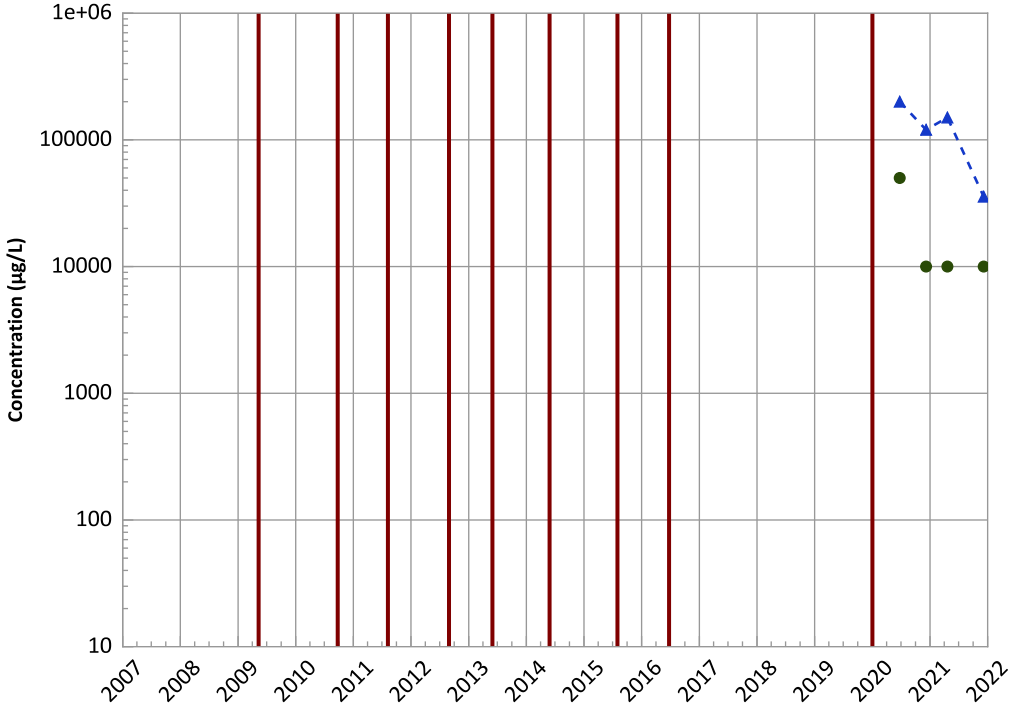


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

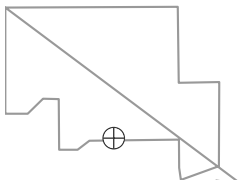
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

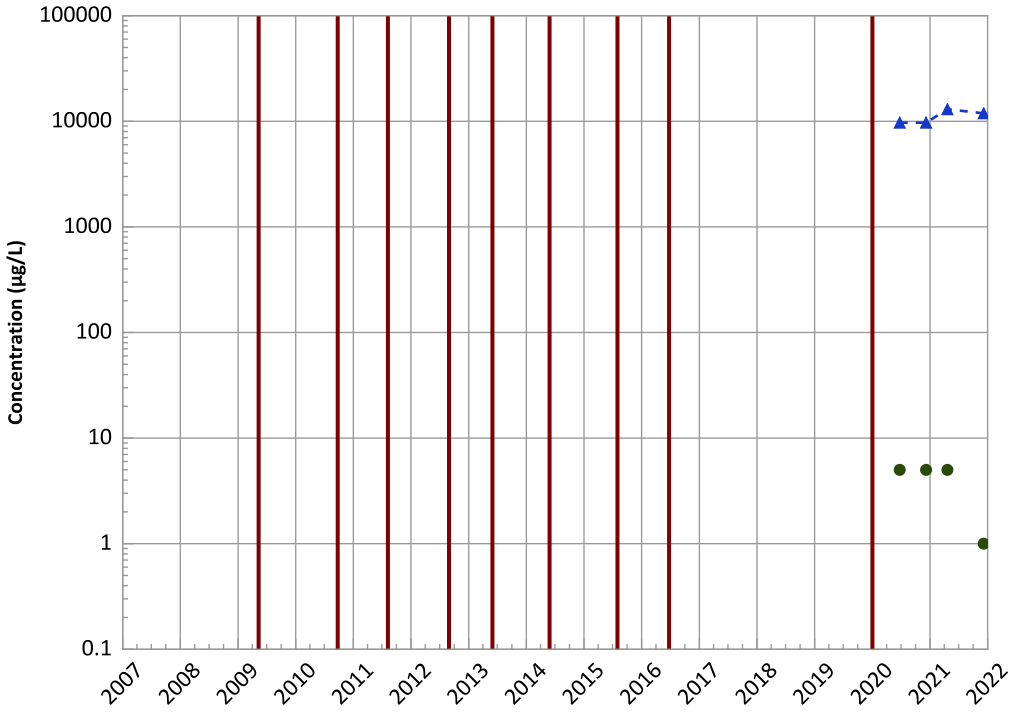
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

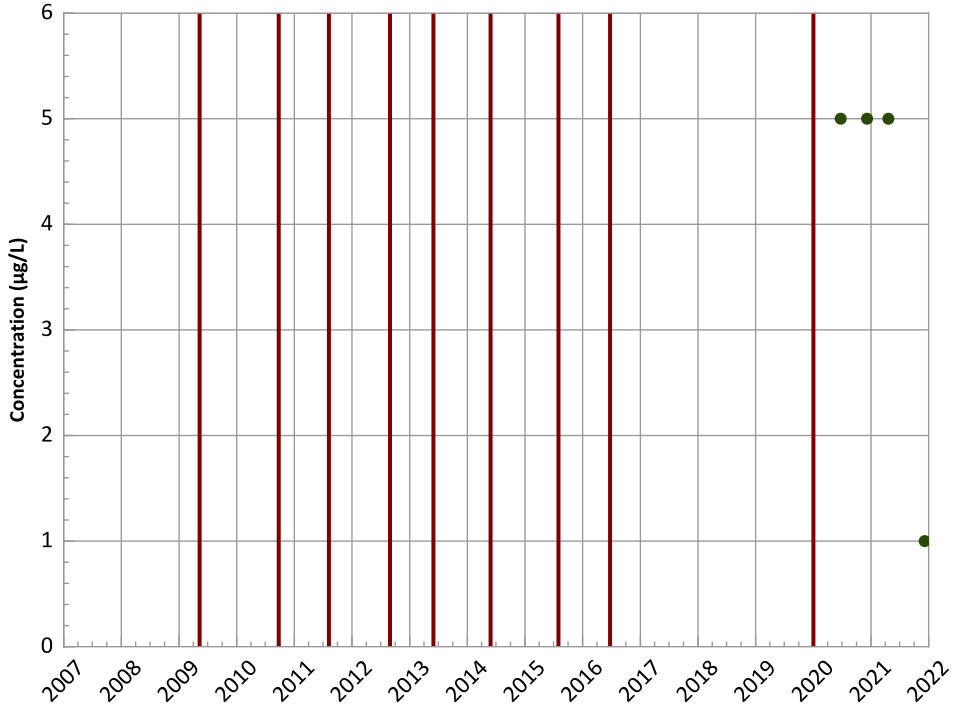


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Ethane Trend



Concentration Trend

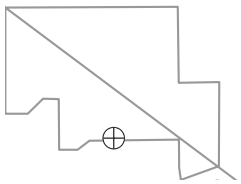
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

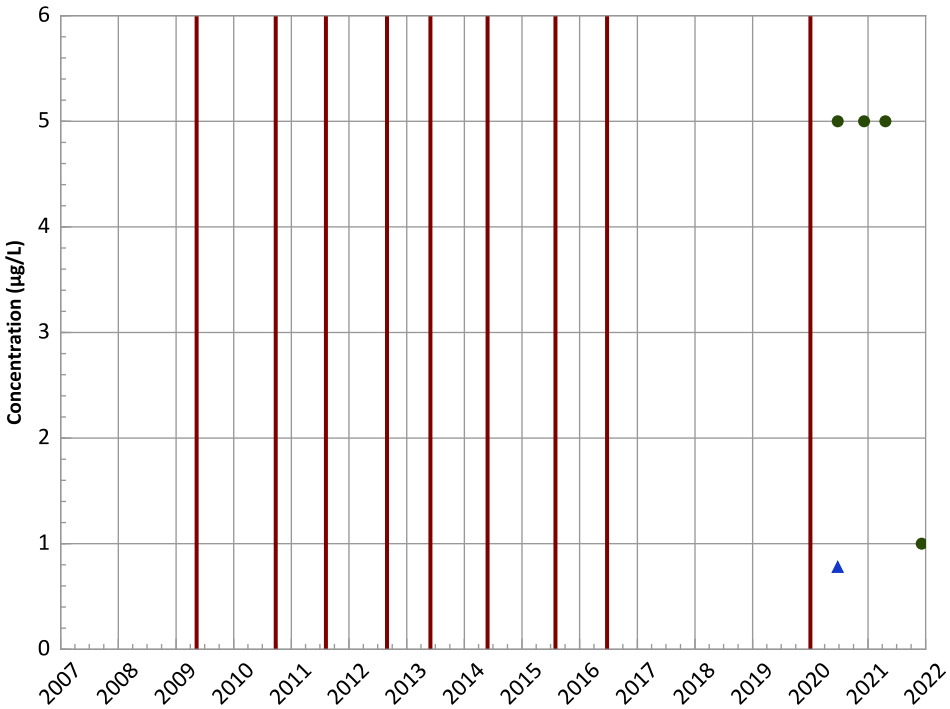
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB068 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

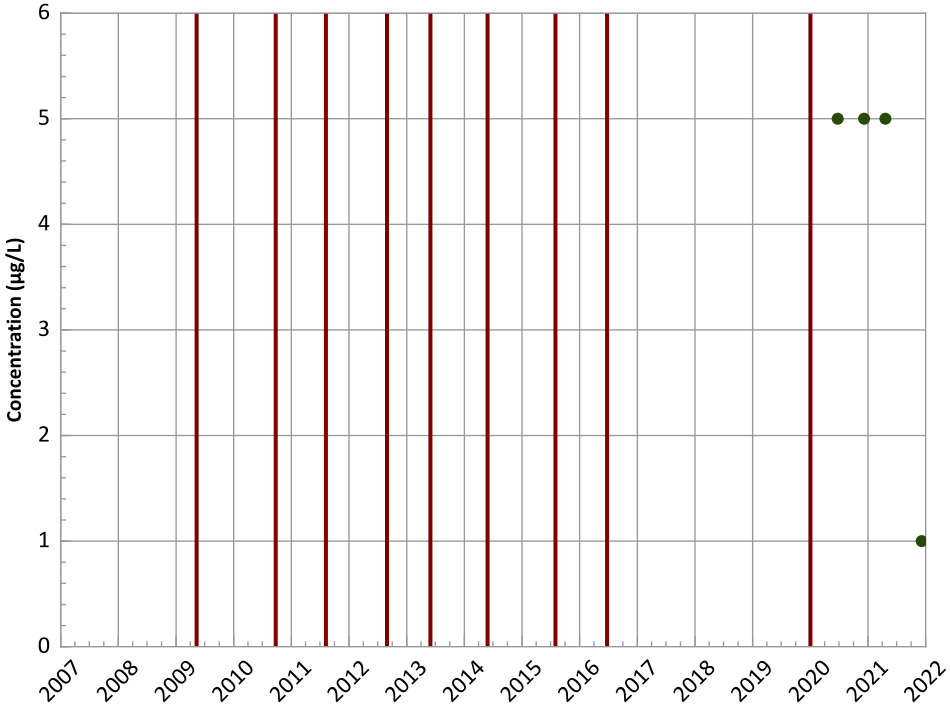


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trend

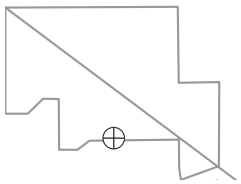


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

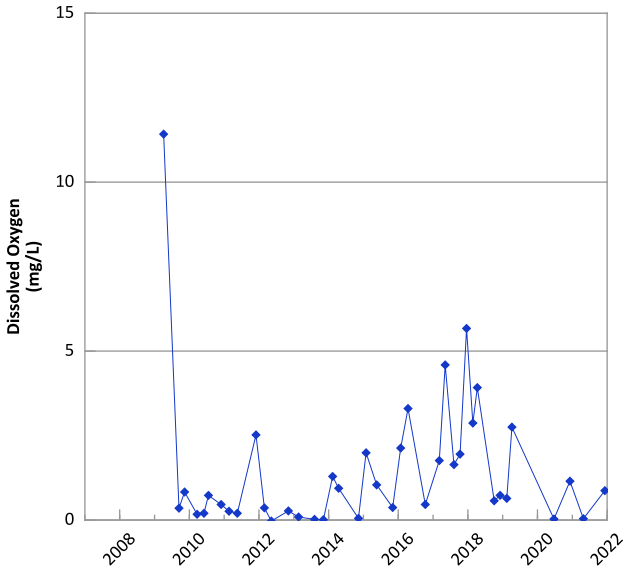
Well Location

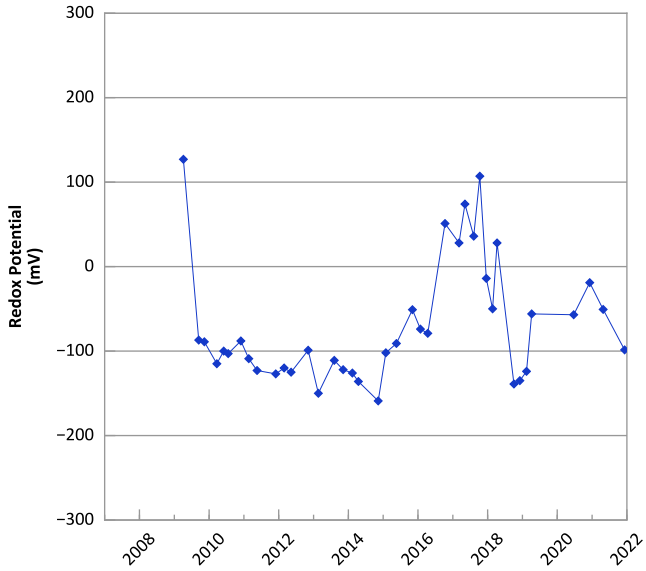


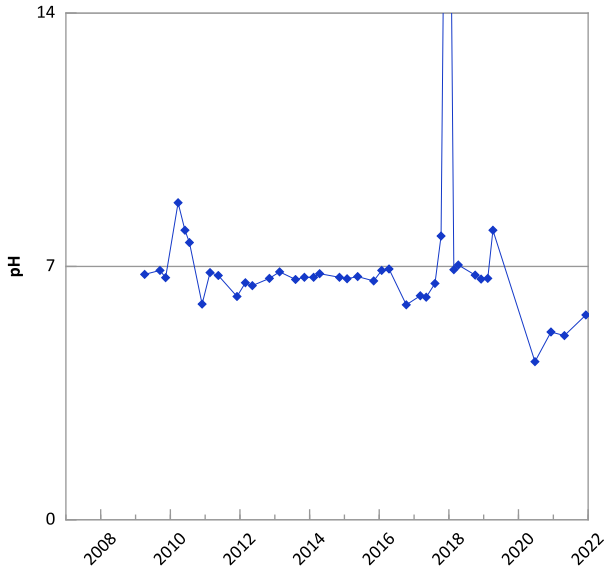
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 06/23/2020 to 12/07/2021
Analysis Date: 05/26/2022

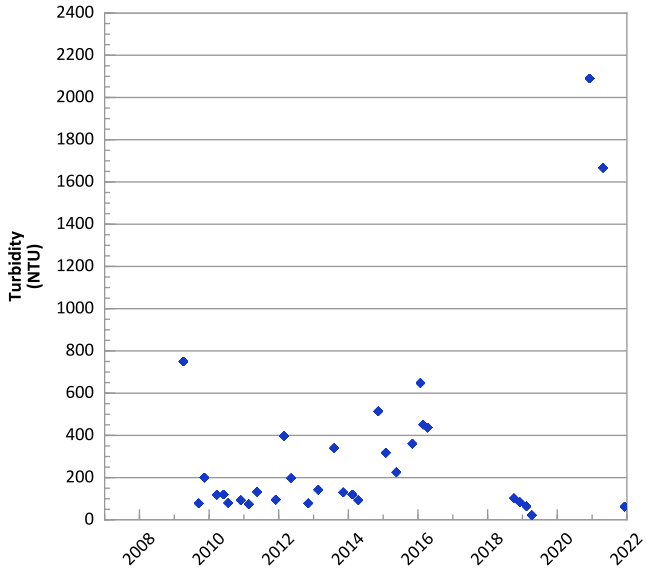
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



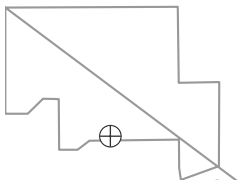






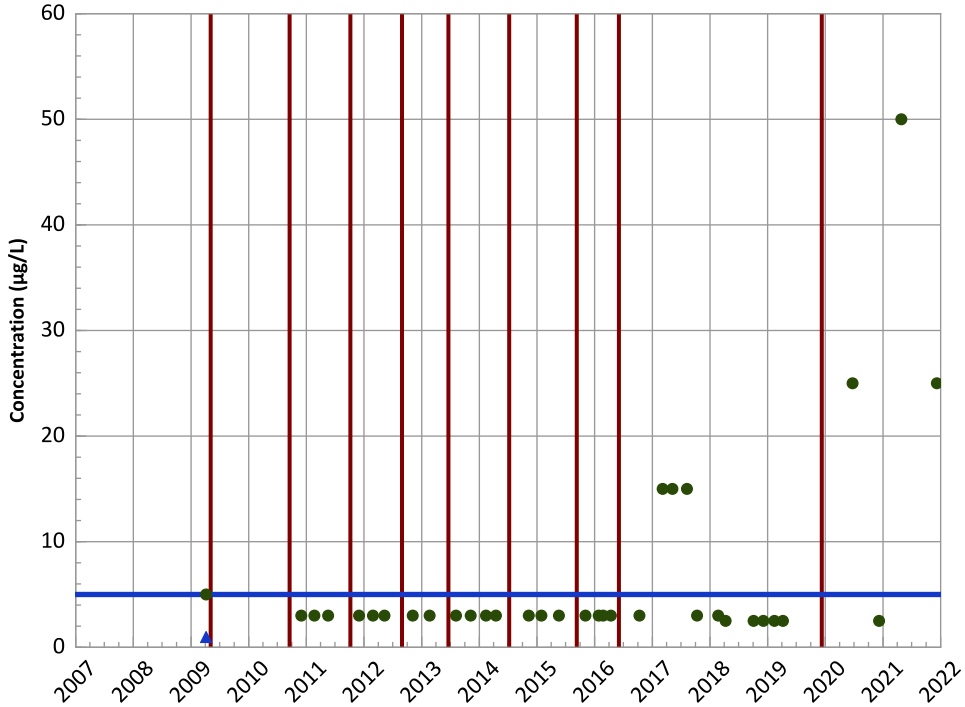
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

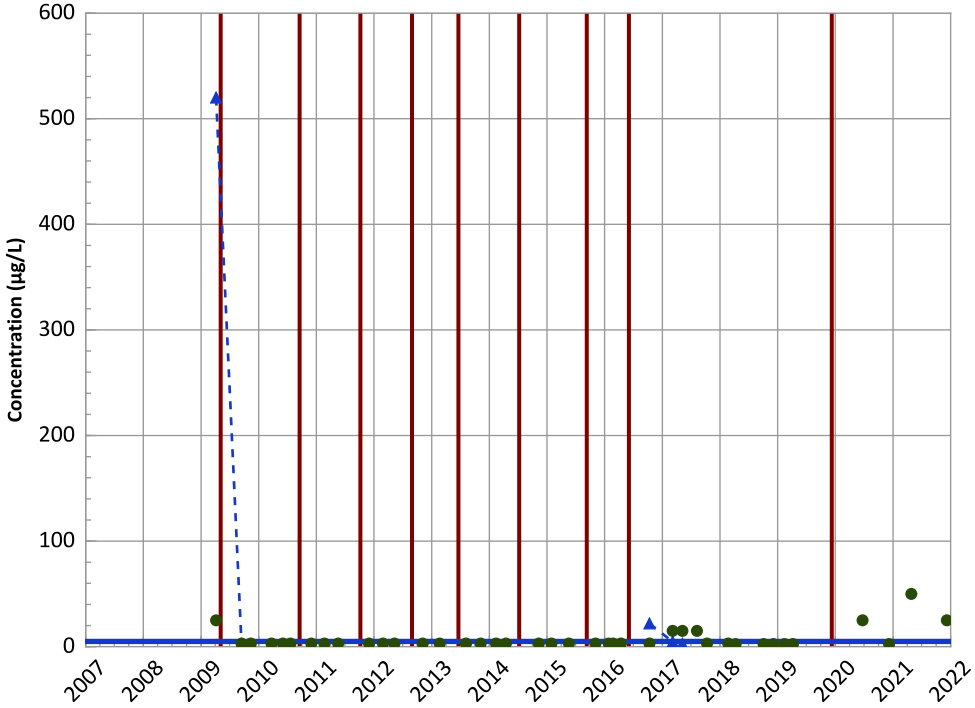


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

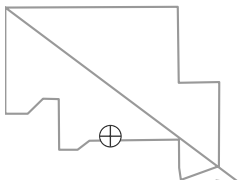
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

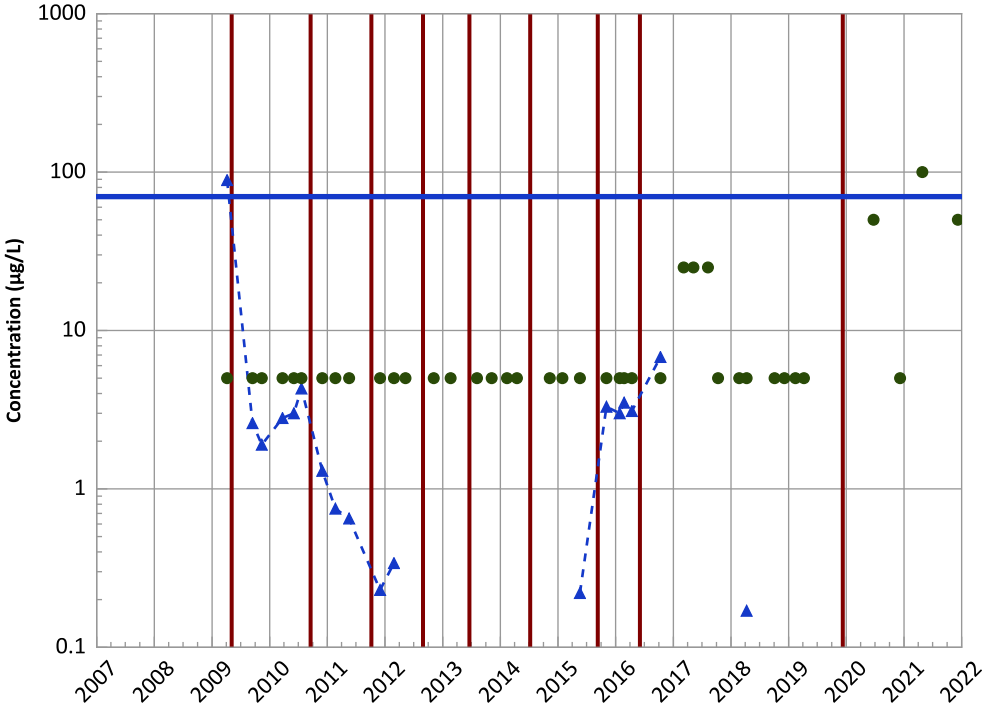
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

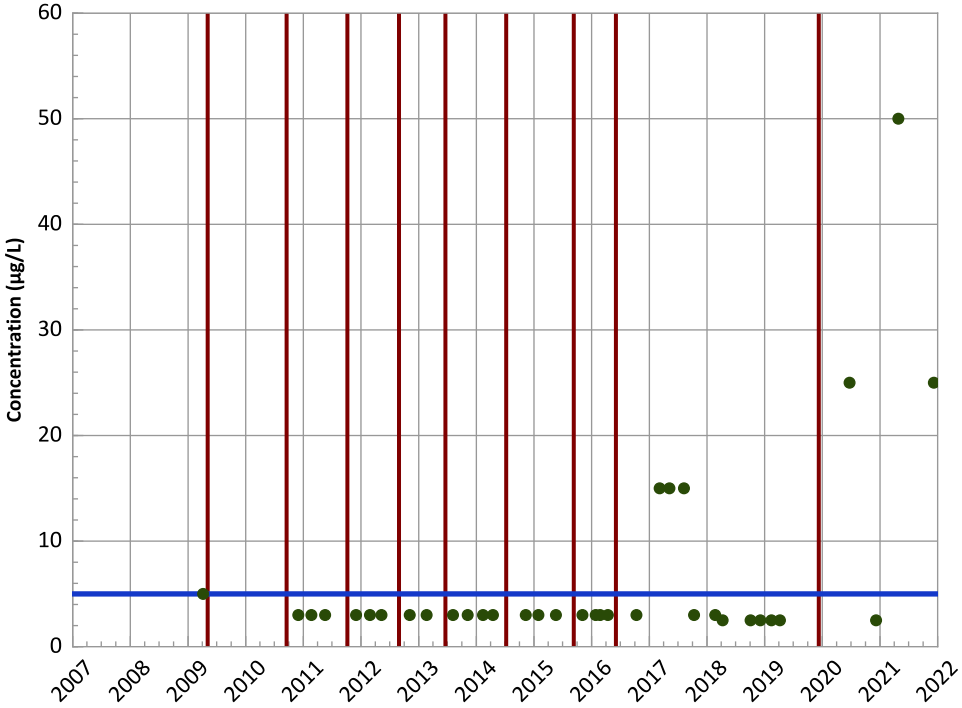


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Decreasing

1,2-Dichloroethane Trend



Concentration Trend

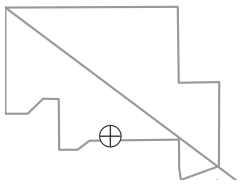
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

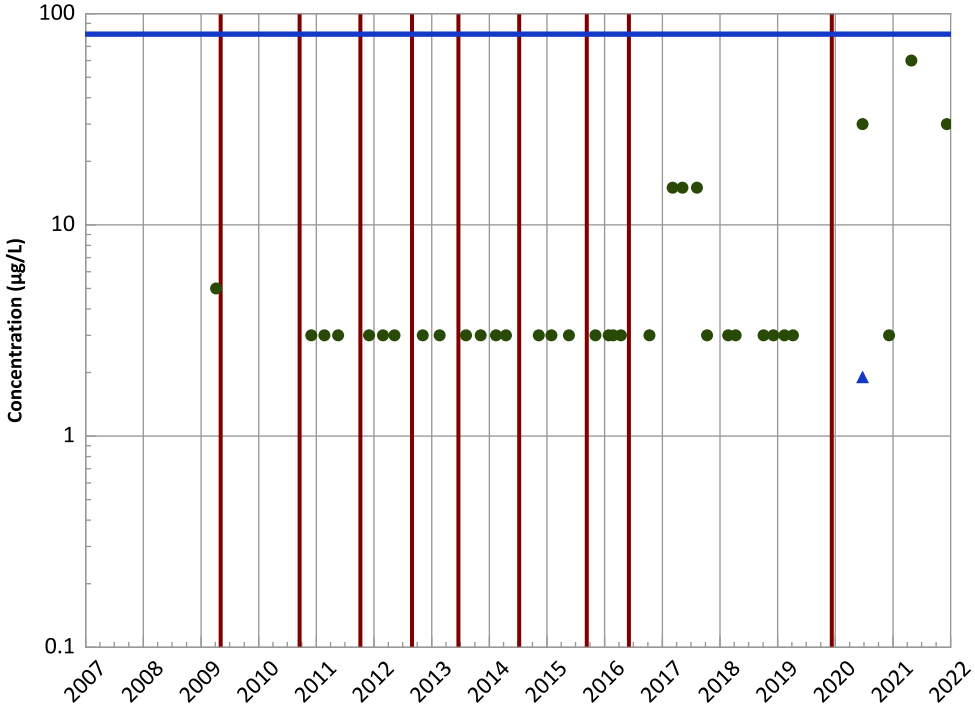
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

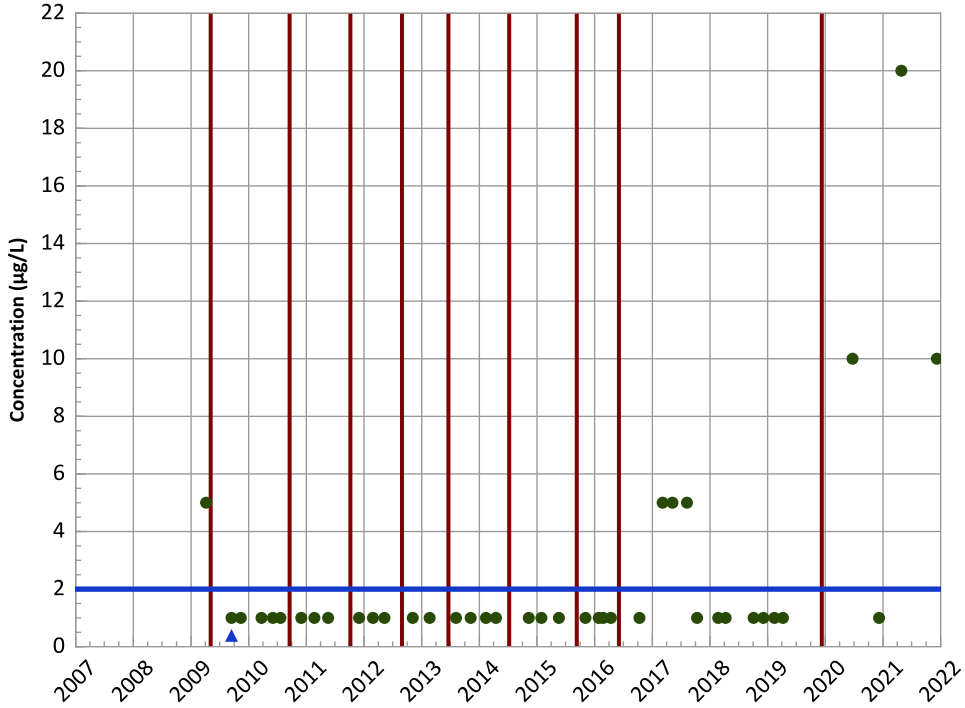


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

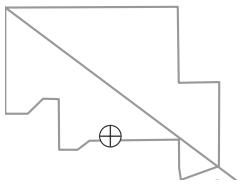
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

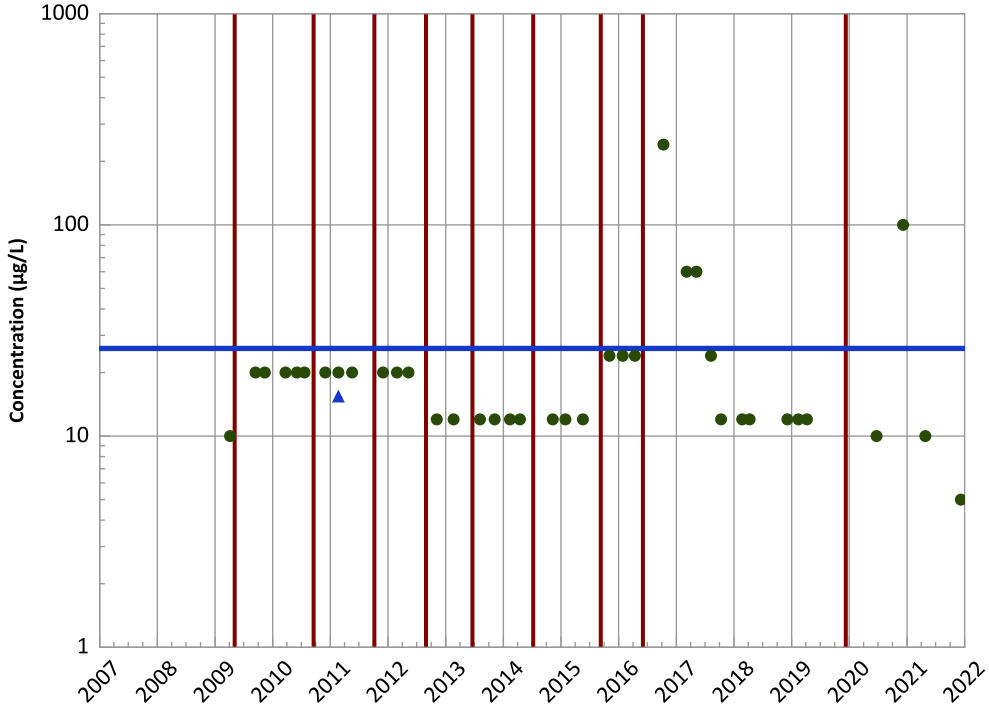
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

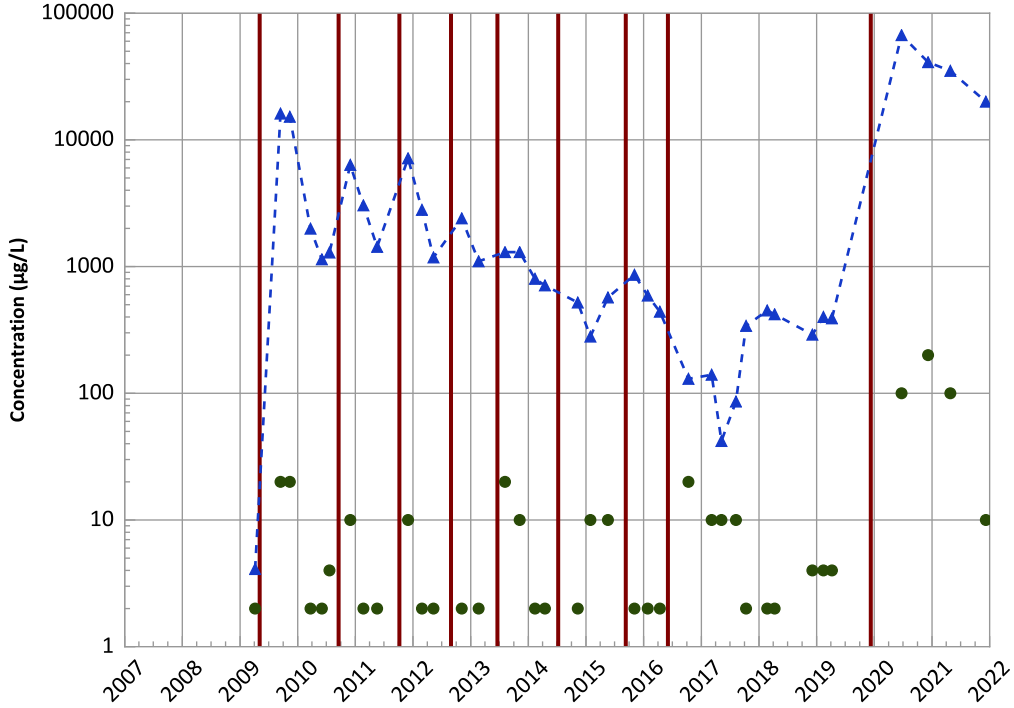


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

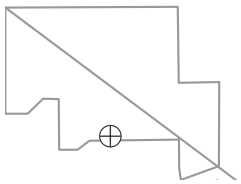
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

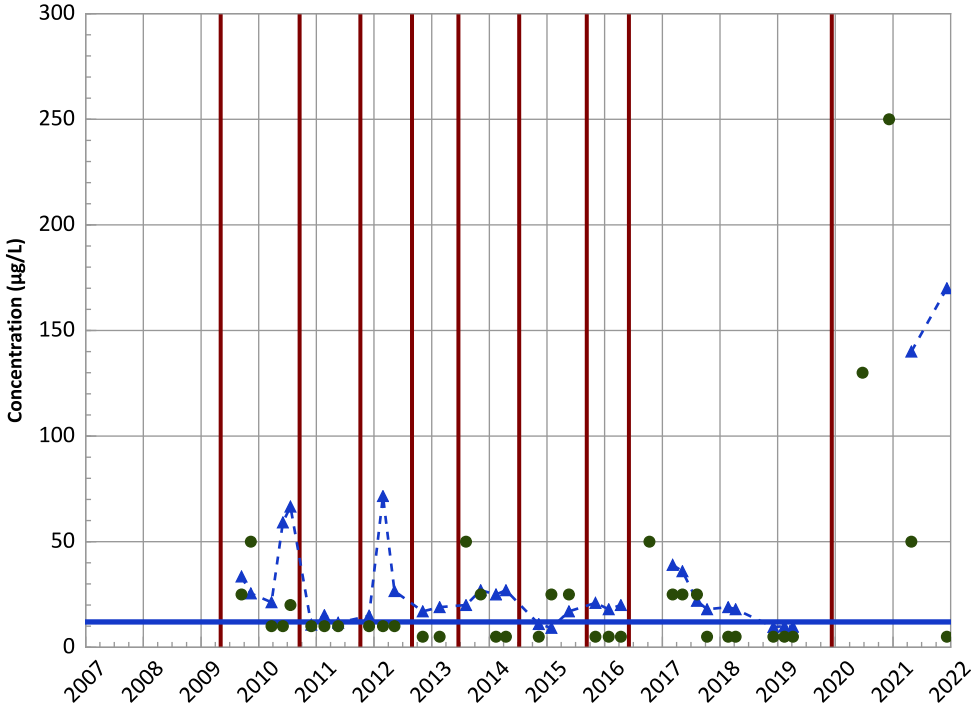
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

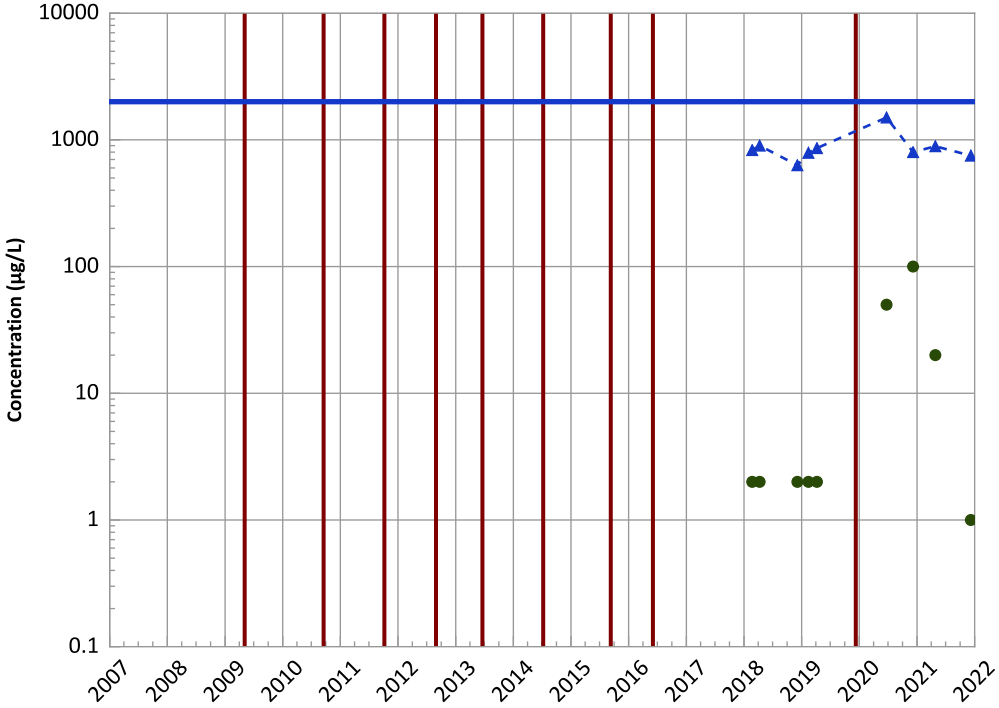


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Increasing

Barium Trend



Concentration Trend

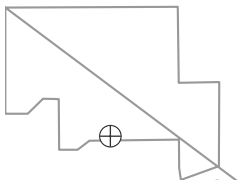
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

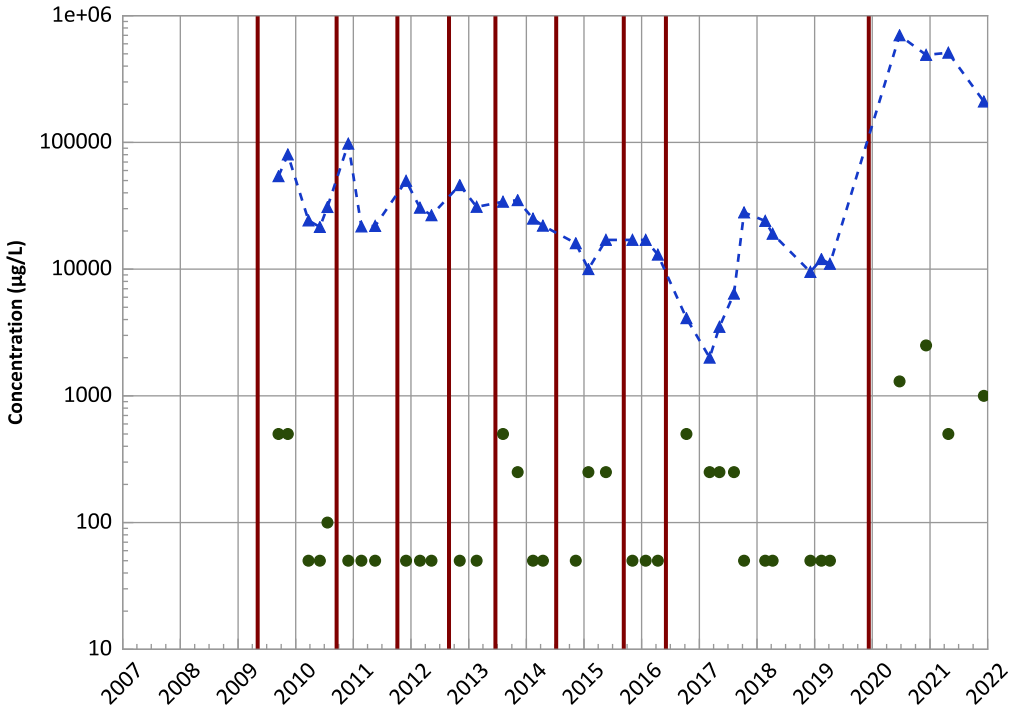
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

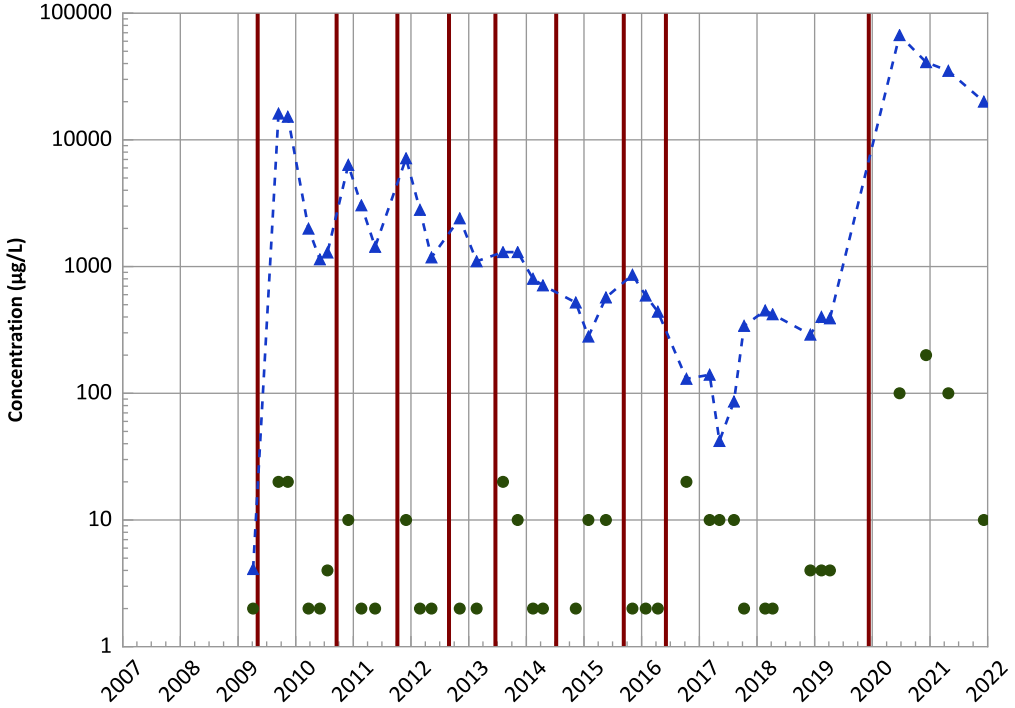


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Decreasing

Manganese Trend



Concentration Trend

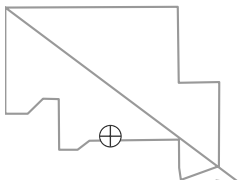
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
Decreasing' 'Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Decreasing' 'Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

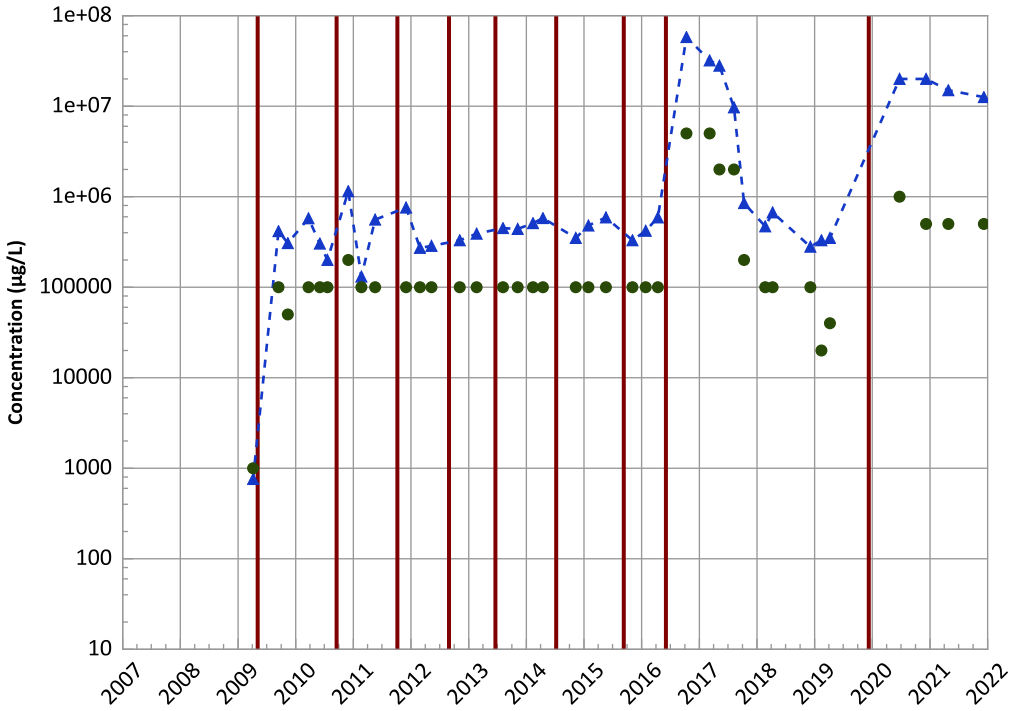
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

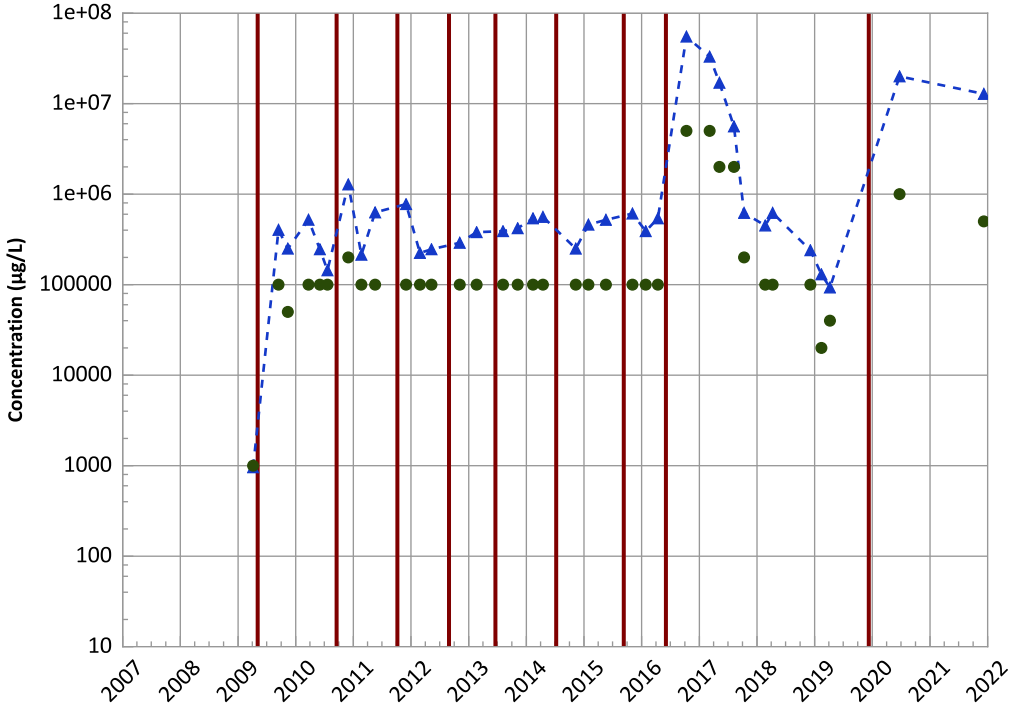


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

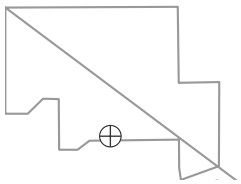
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

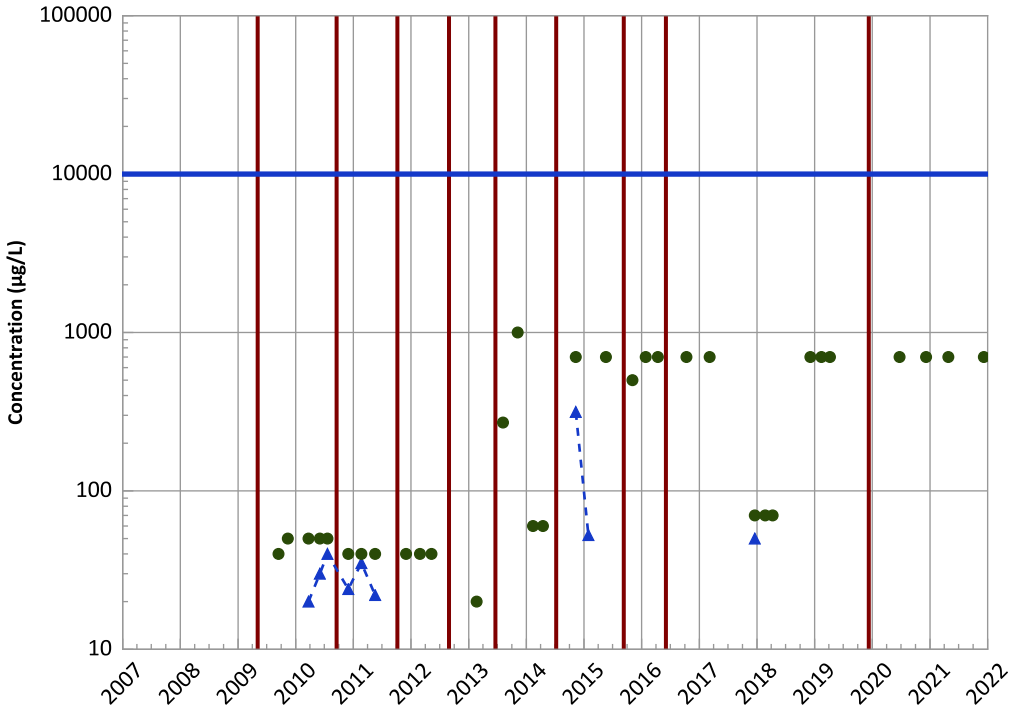
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

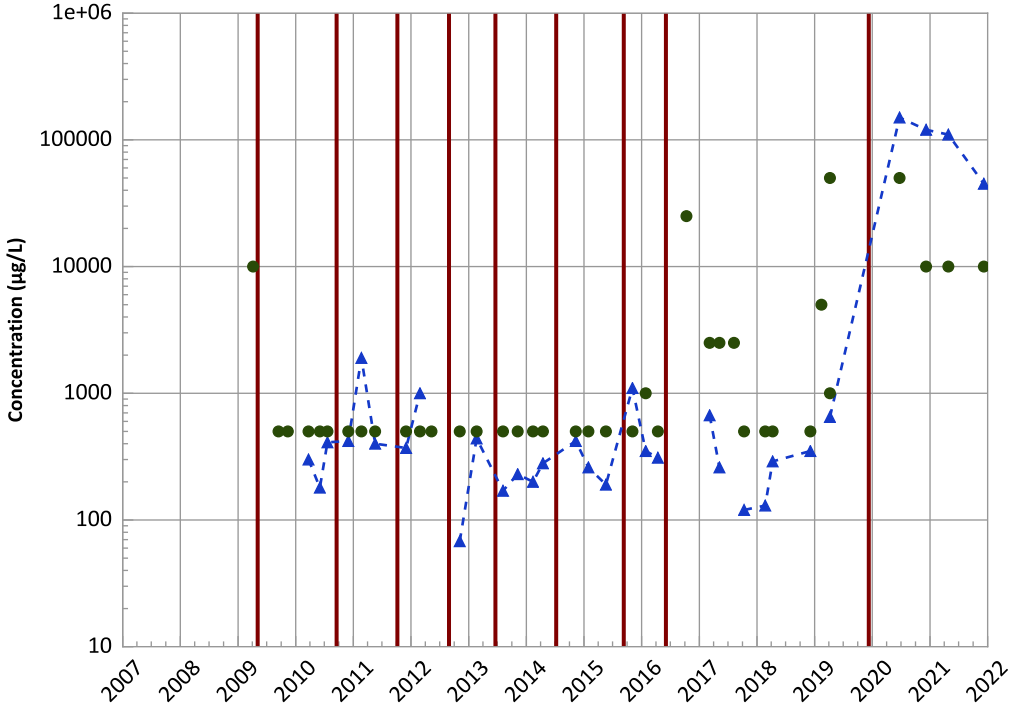


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Sulfate (as SO4) Trend



Concentration Trend

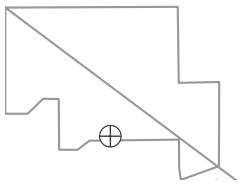
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

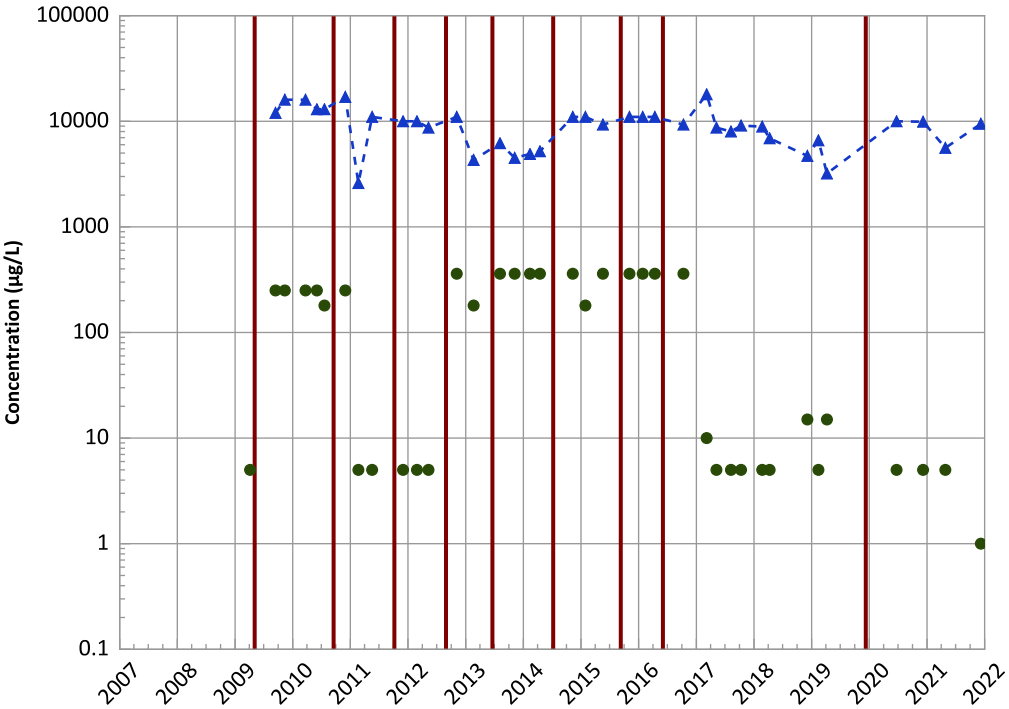
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

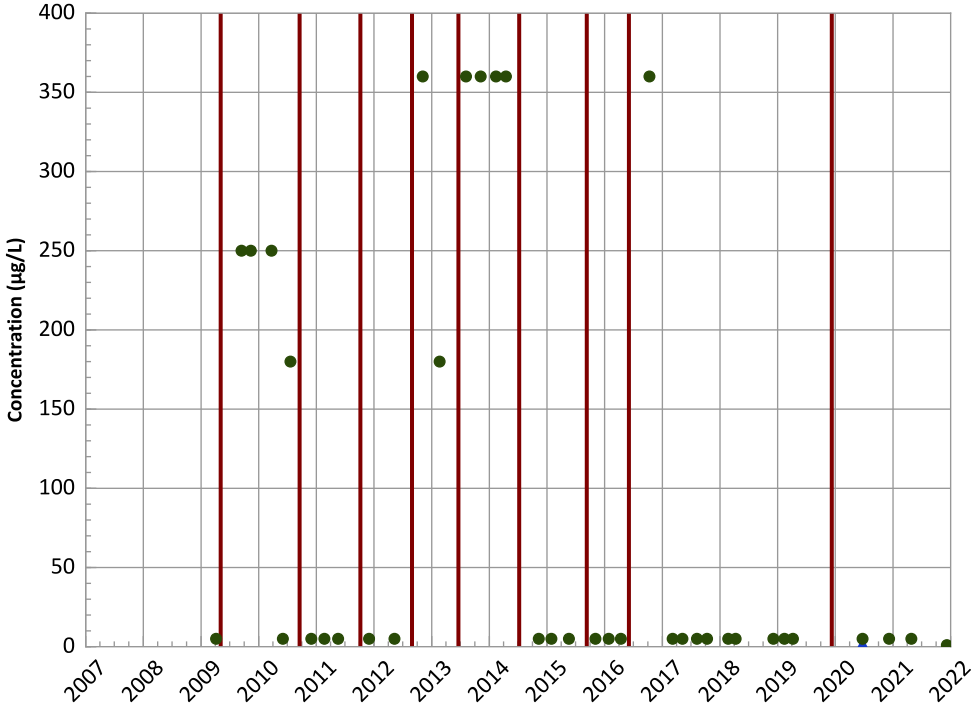


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Stable

Ethane Trend



Concentration Trend

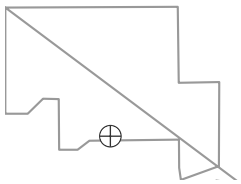
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

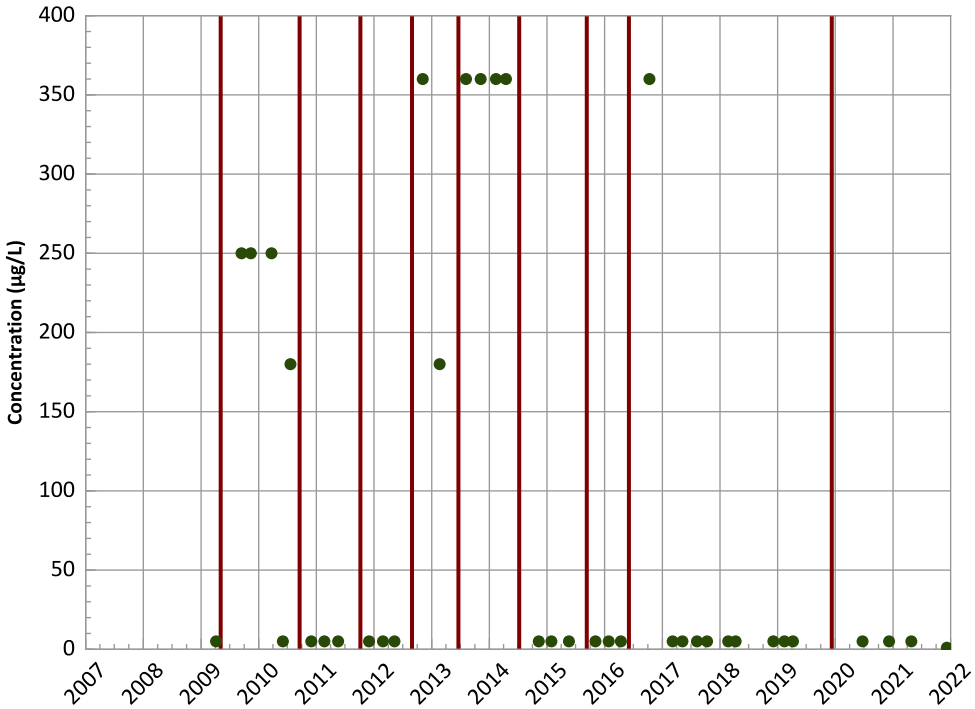
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB073 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

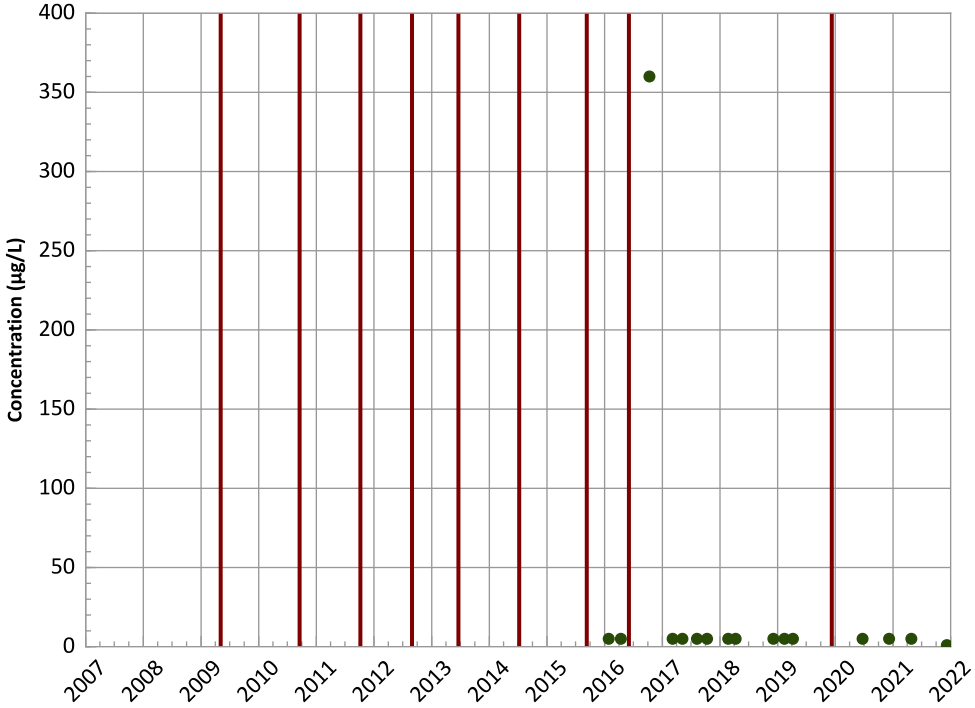


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trend



Concentration Trend

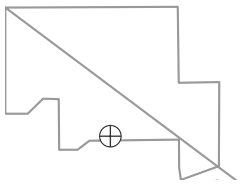
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

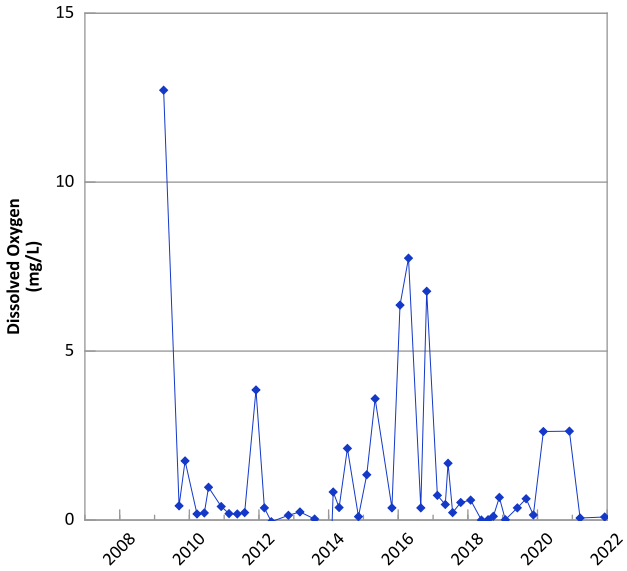
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/08/2021
Analysis Date: 05/26/2022

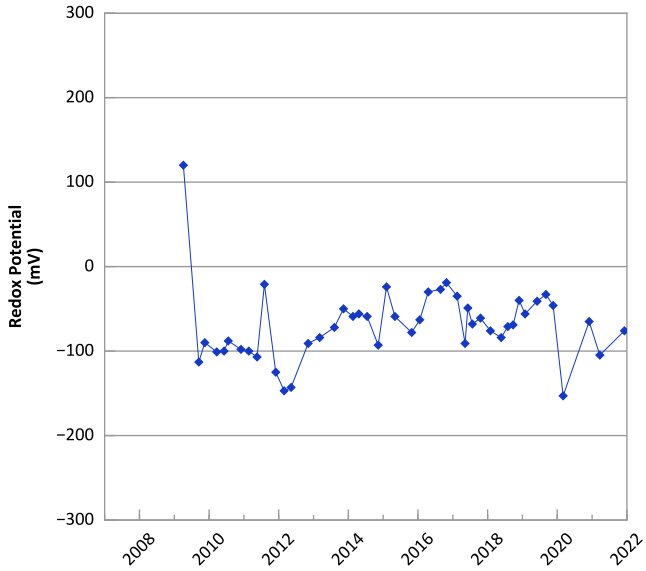
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

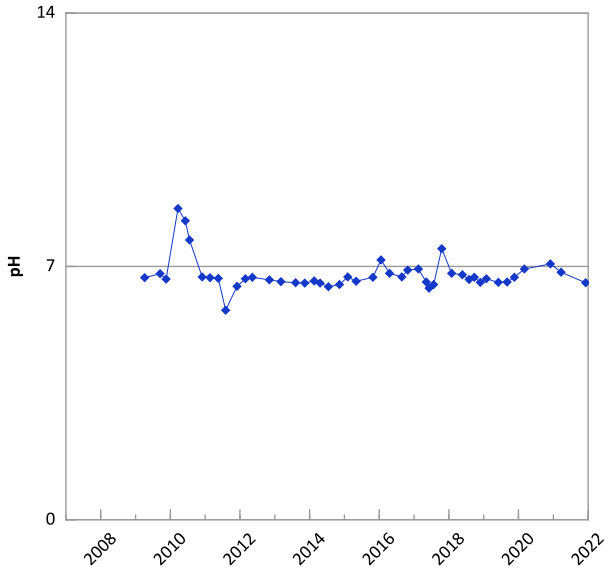
Well Location

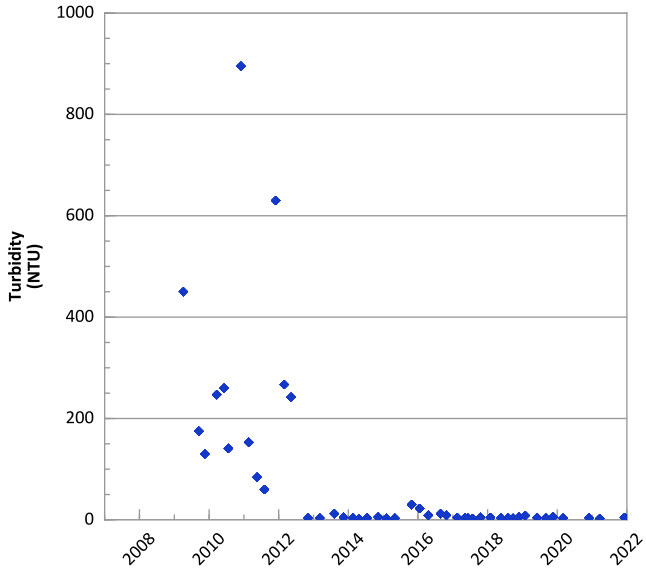


PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



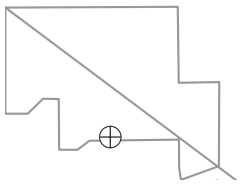






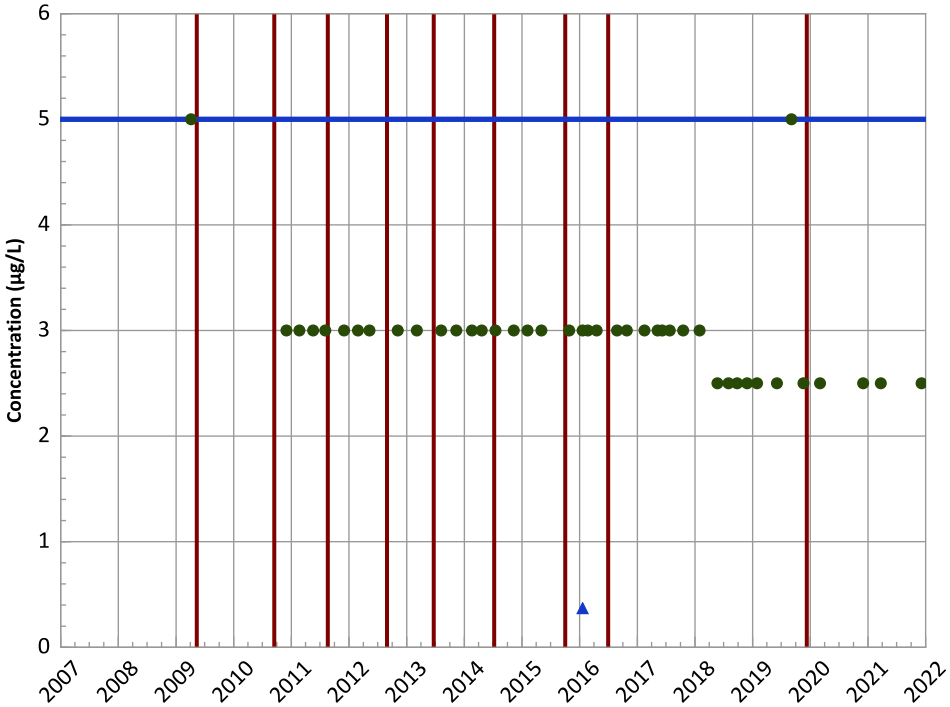
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

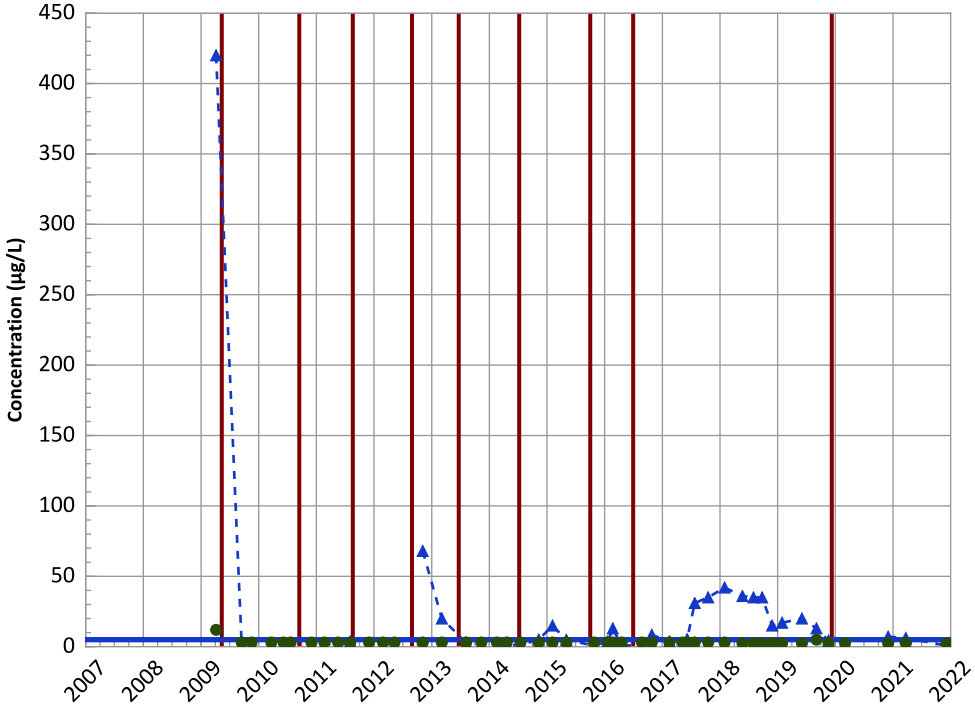


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend



Concentration Trend

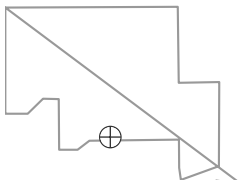
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

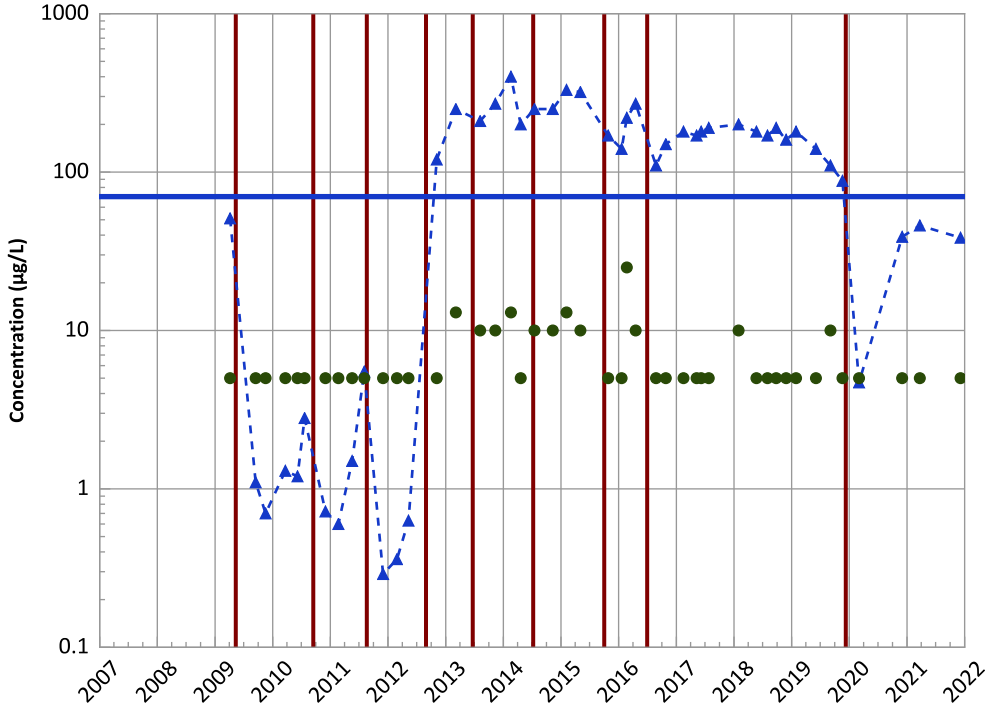
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

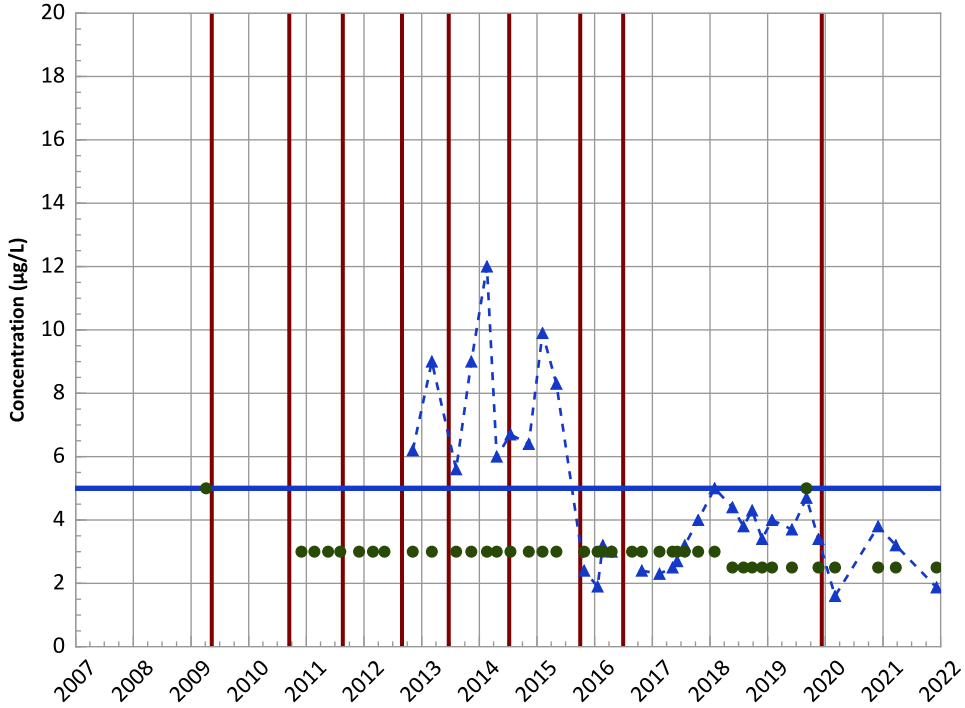


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

1,2-Dichloroethane Trend



Concentration Trend

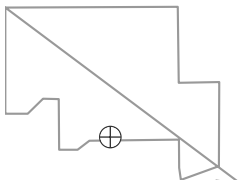
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

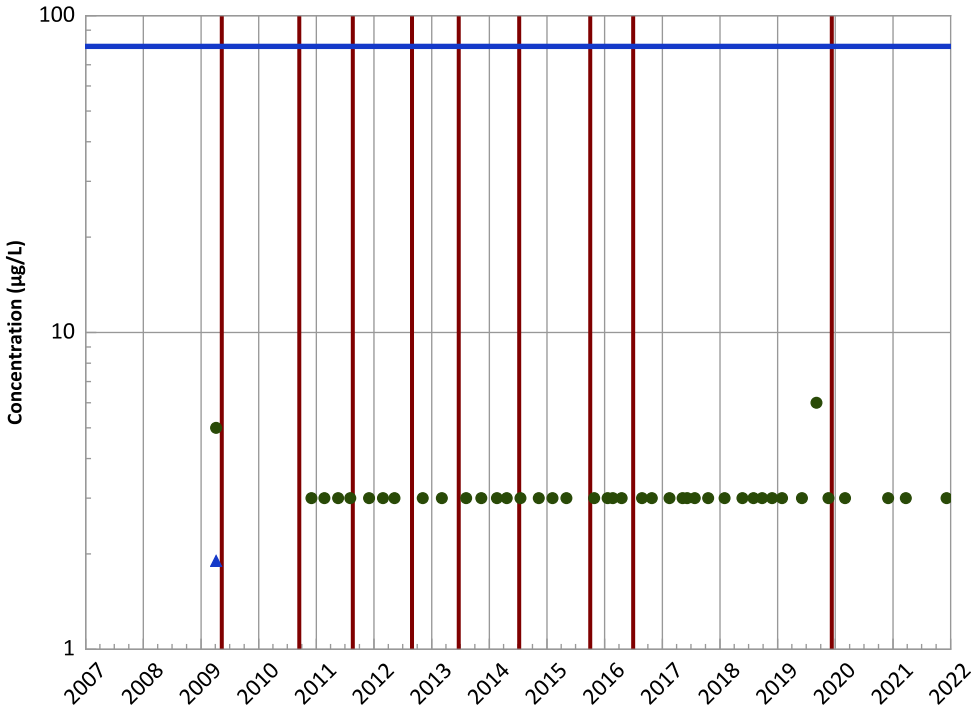
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

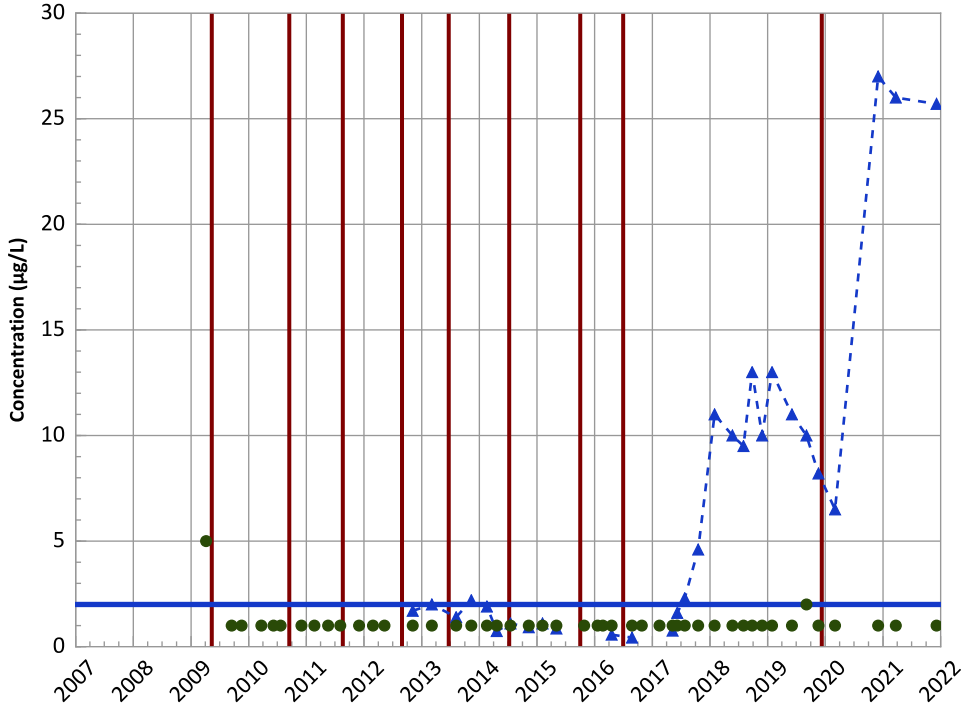


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Vinyl Chloride Trend



Concentration Trend

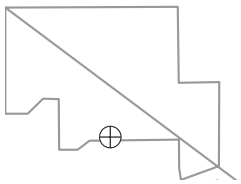
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

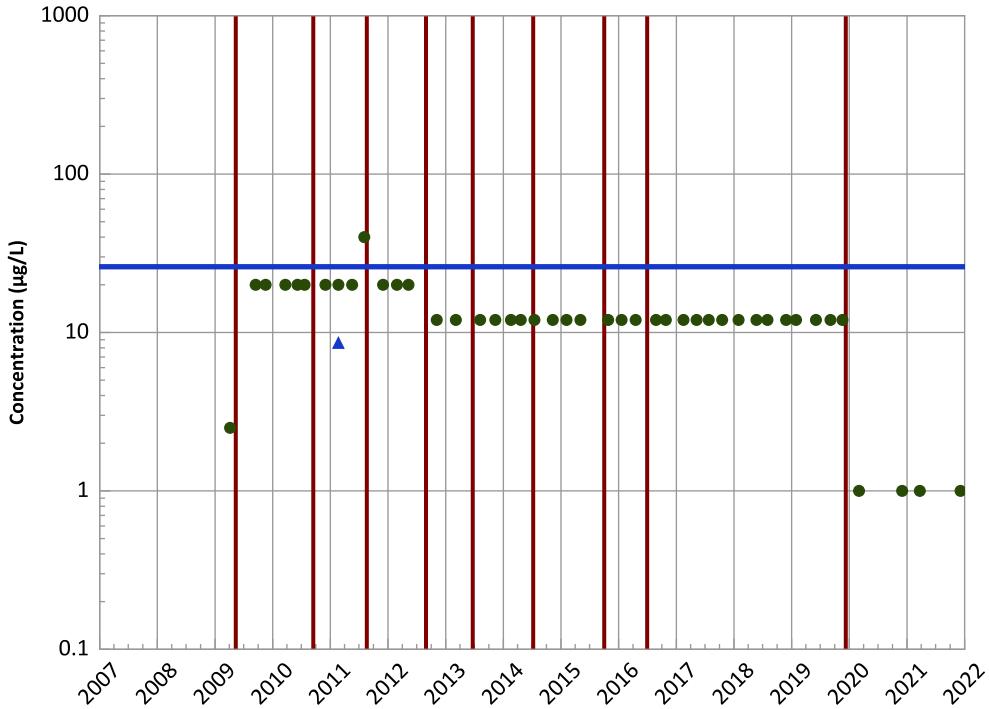
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

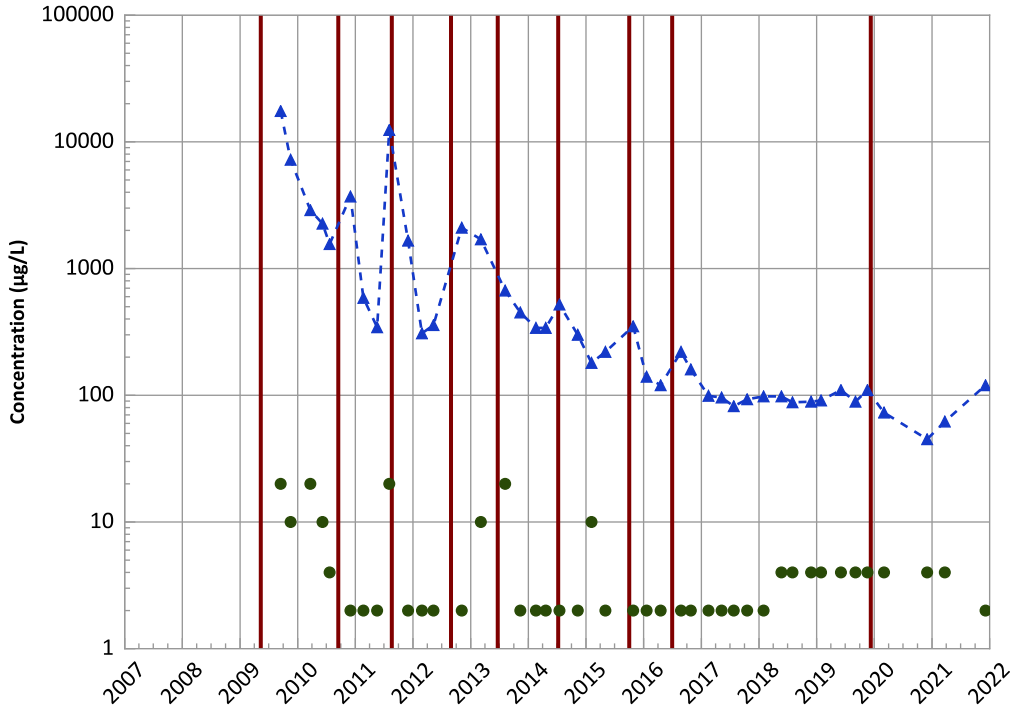


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

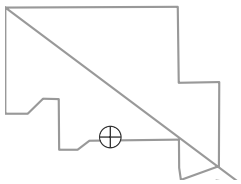
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

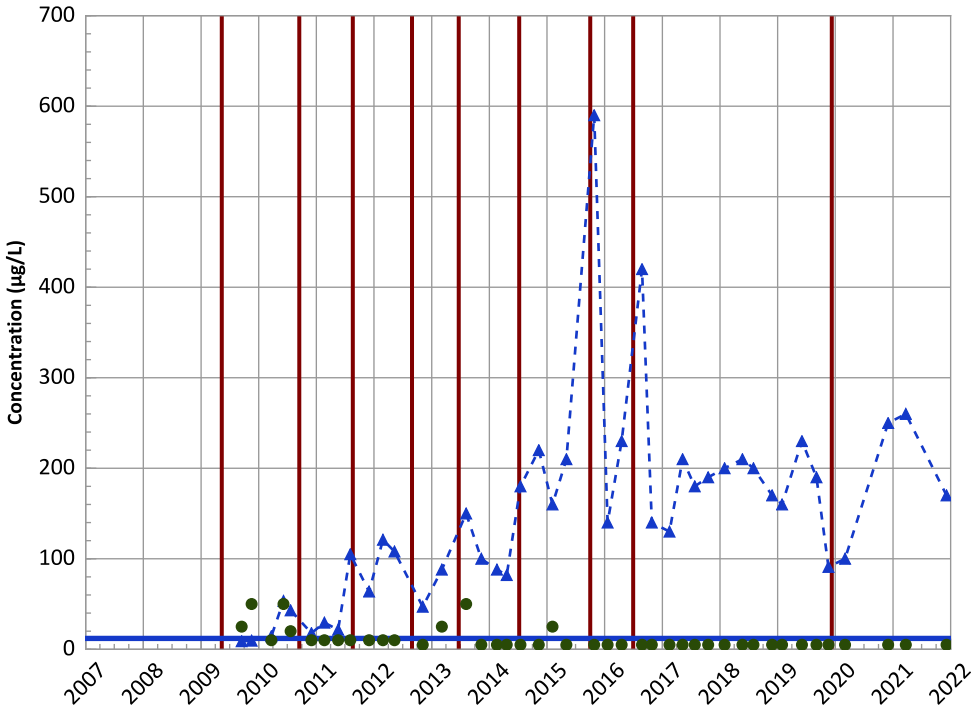
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

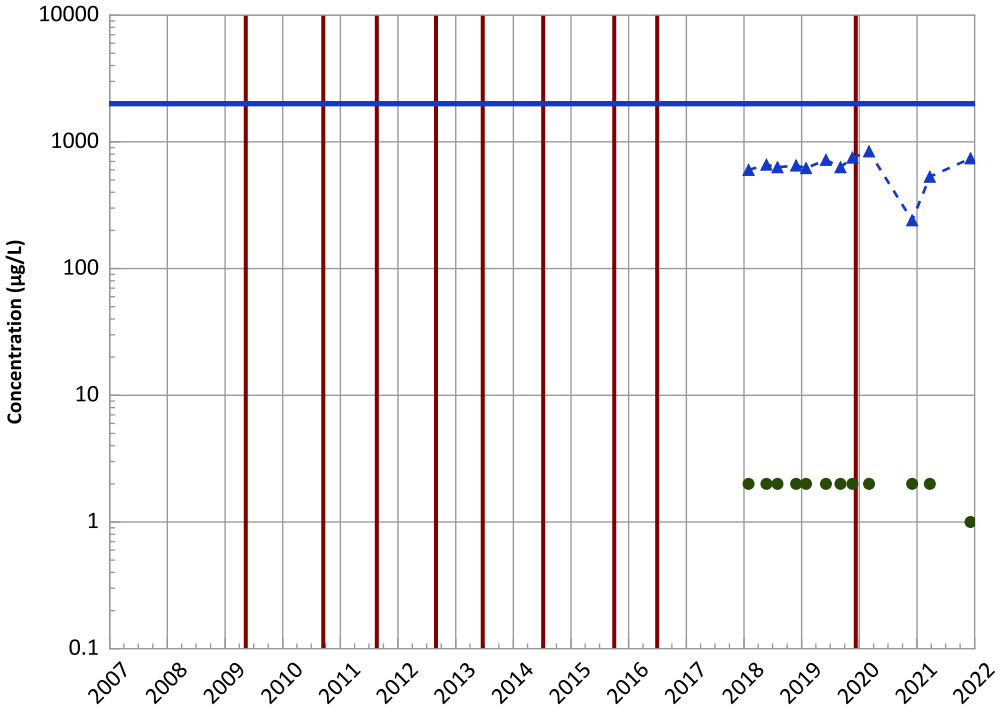


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

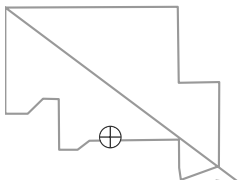
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

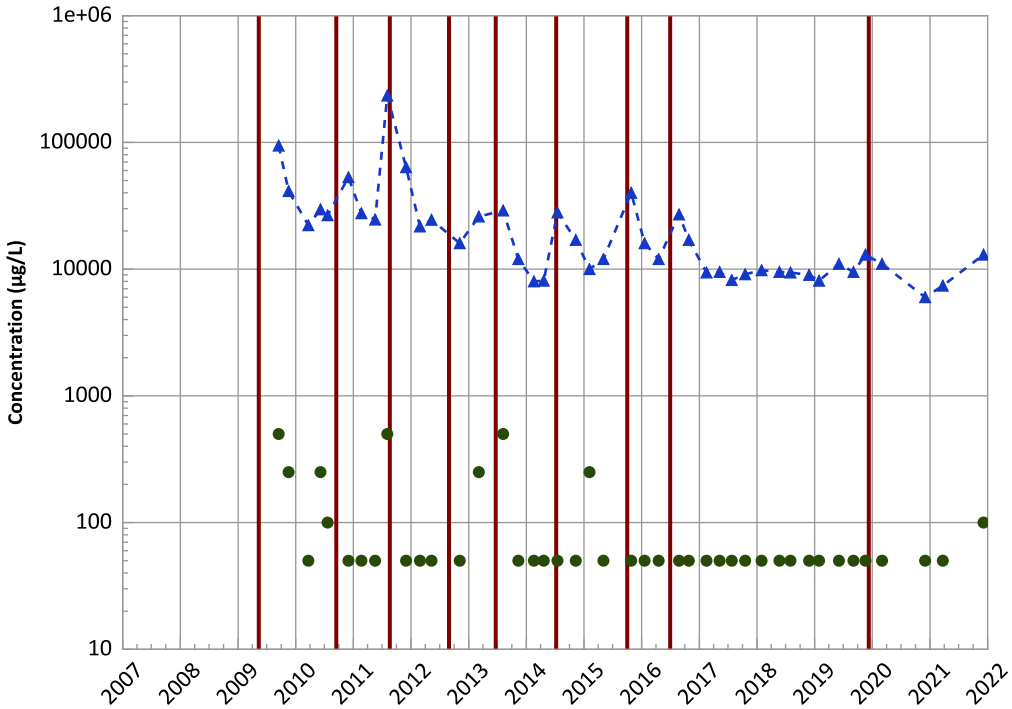
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

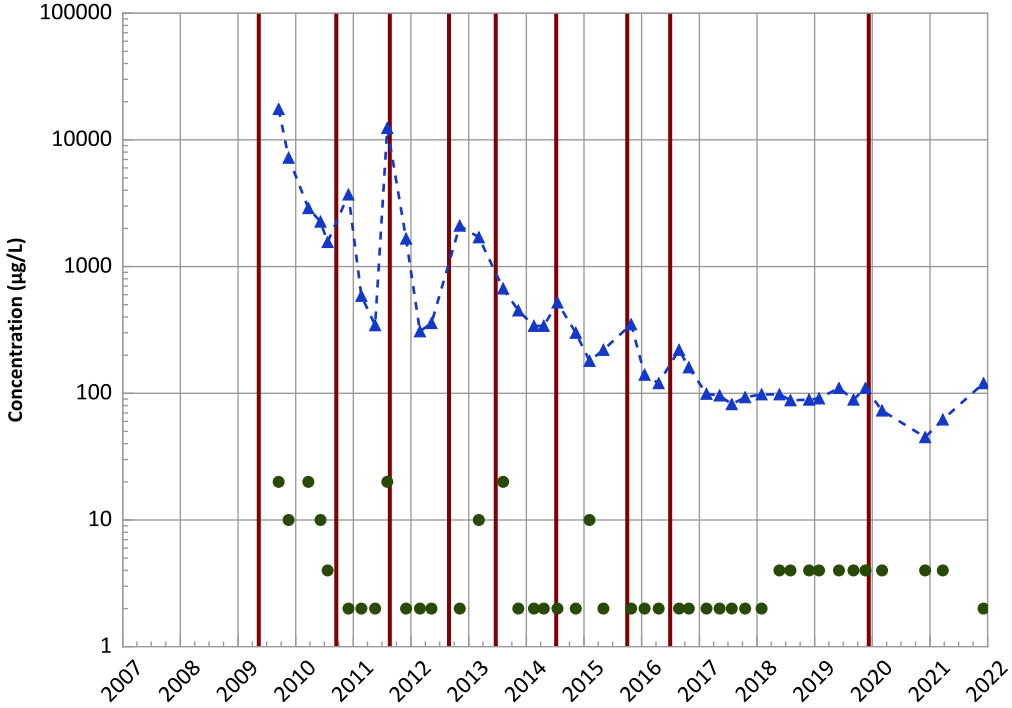


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

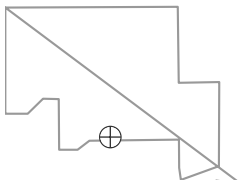
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

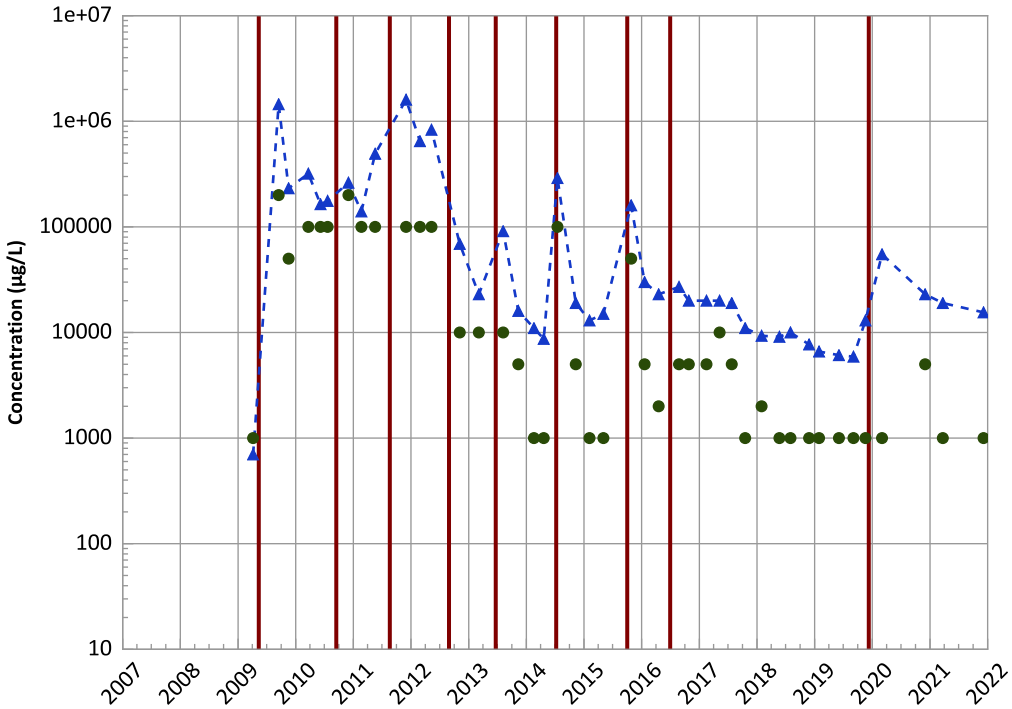
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

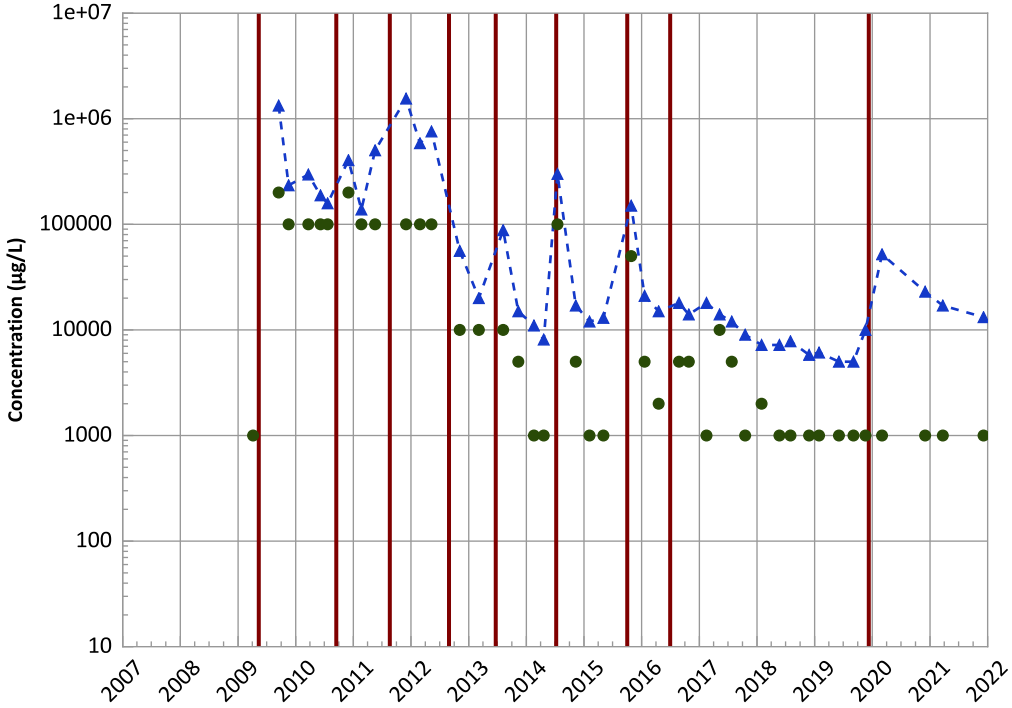


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

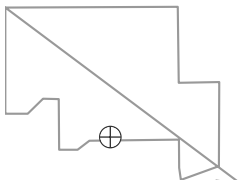
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

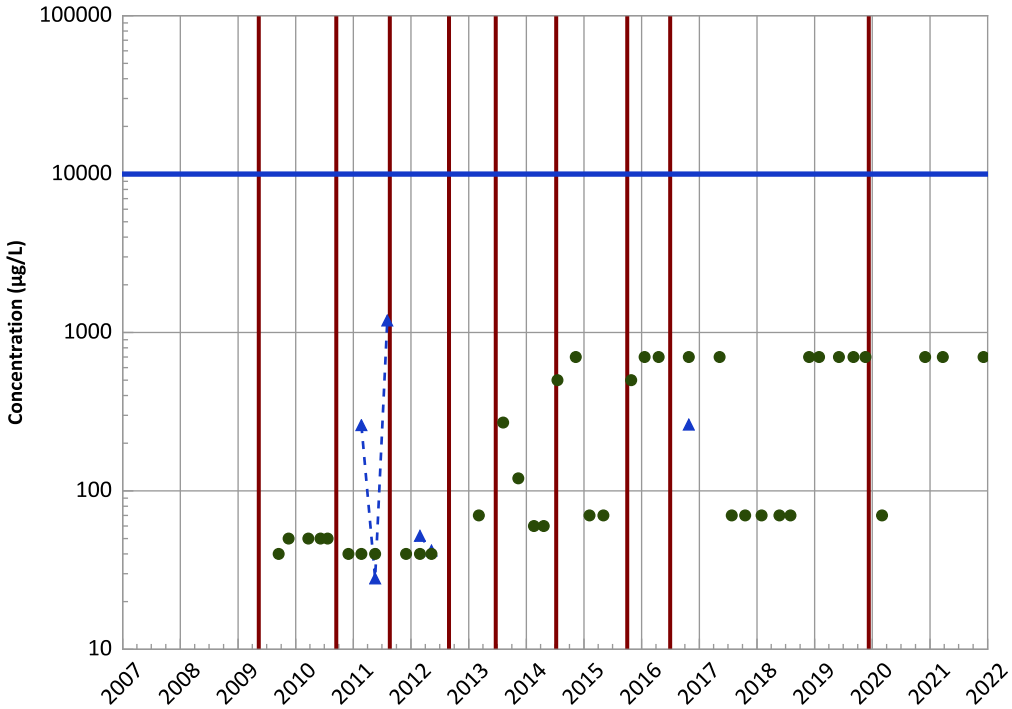
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

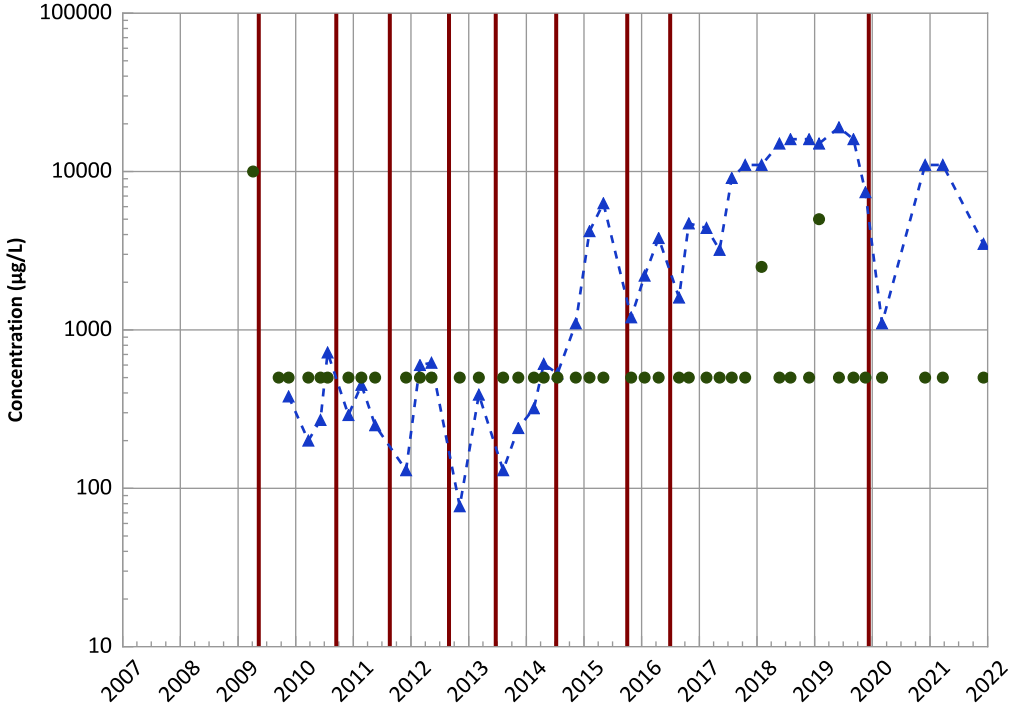


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Sulfate (as SO4) Trend



Concentration Trend

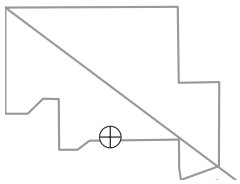
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

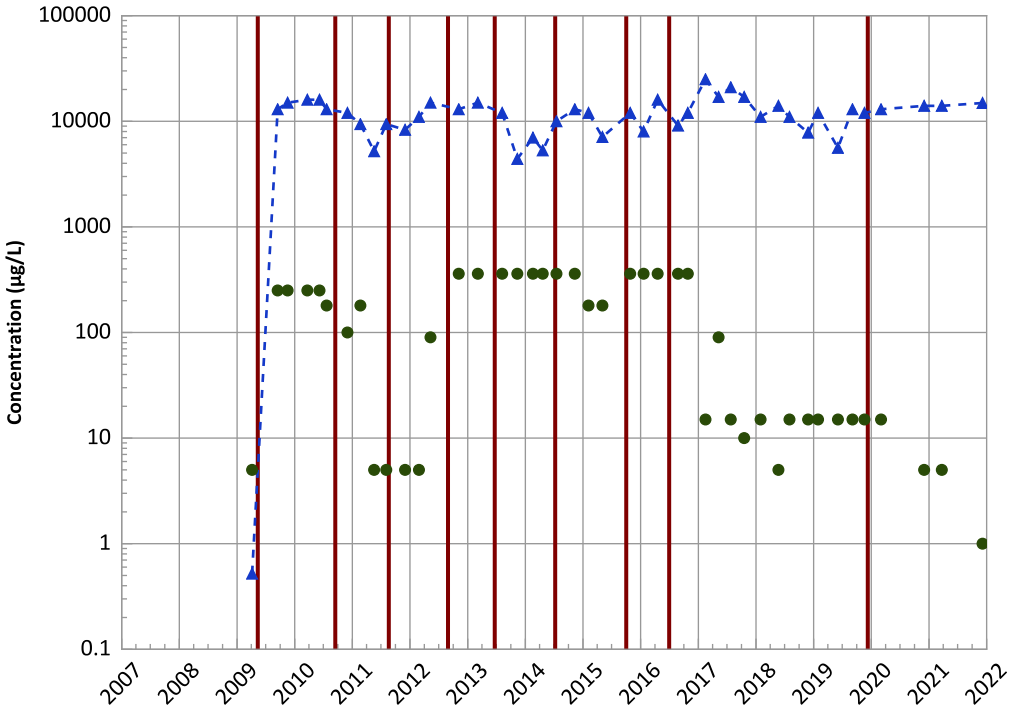
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend

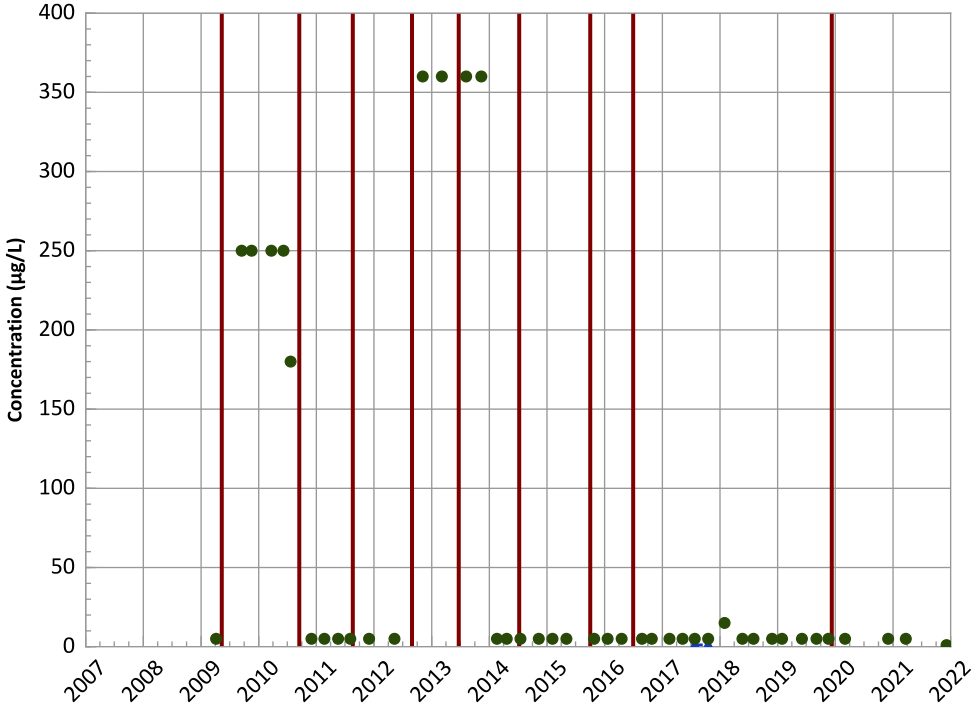


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Increasing

Ethane Trend



Concentration Trend

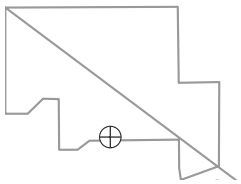
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

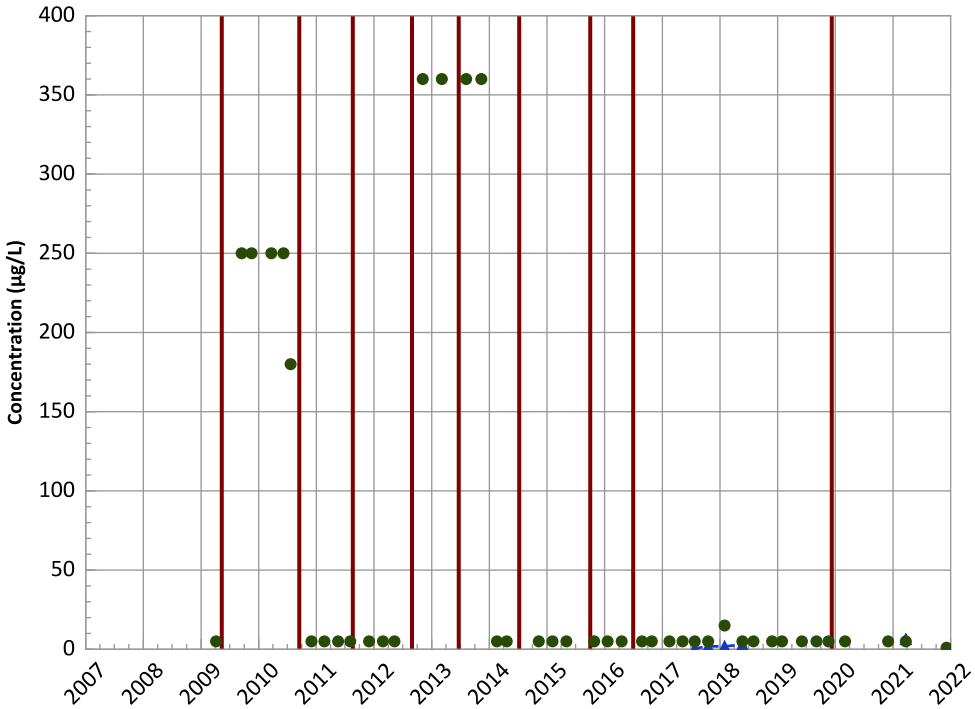
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB075 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

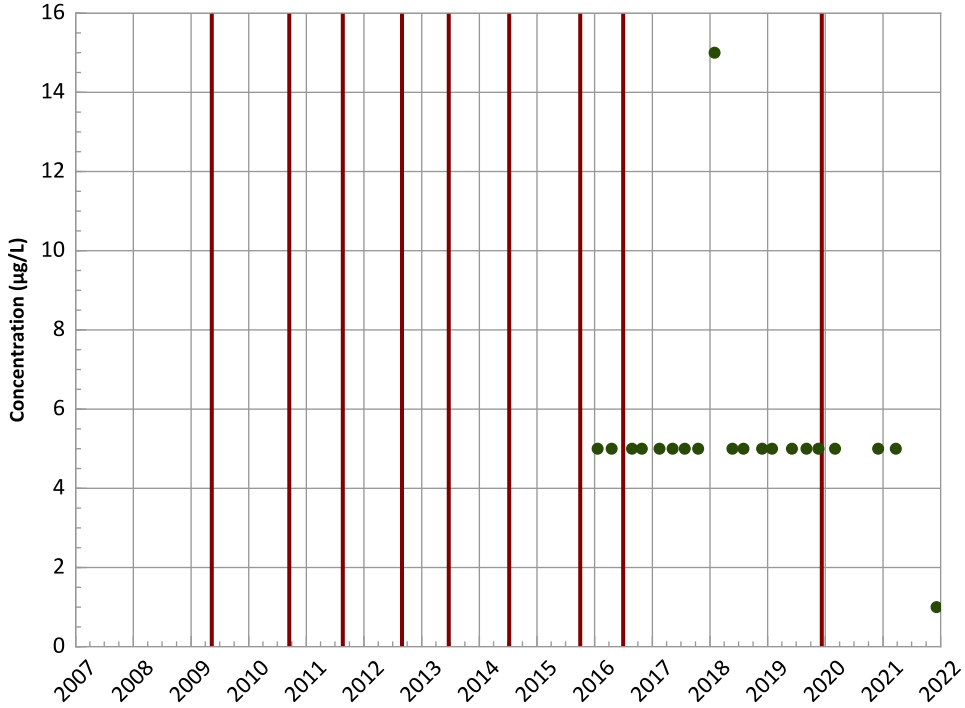


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Increasing

Trend



Concentration Trend

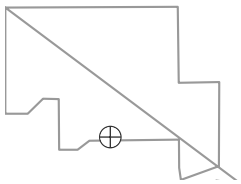
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

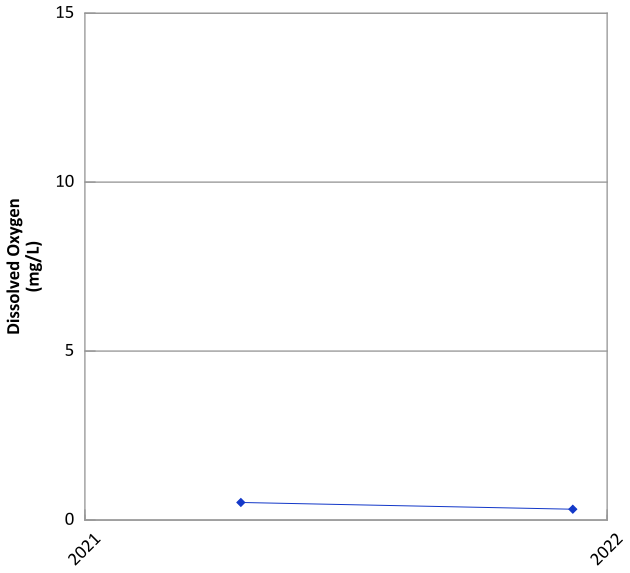
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/06/2009 to 12/06/2021
Analysis Date: 05/26/2022

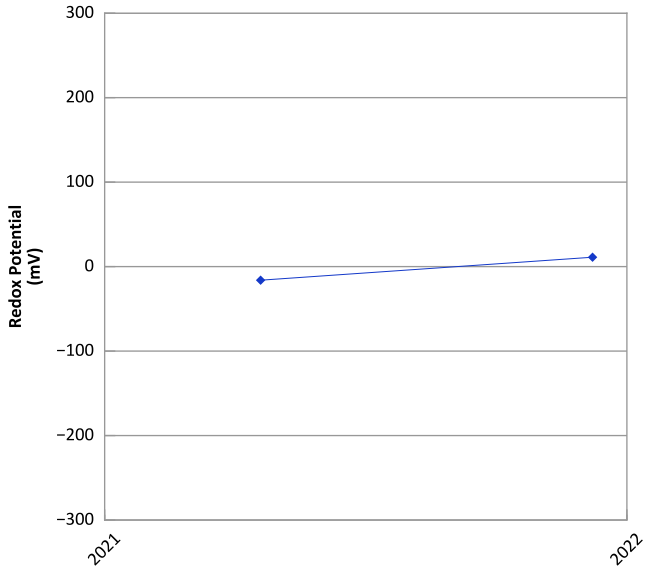
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

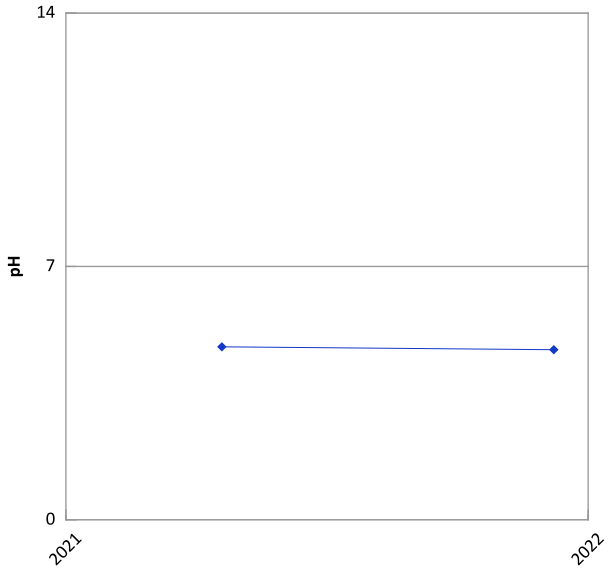
Well Location

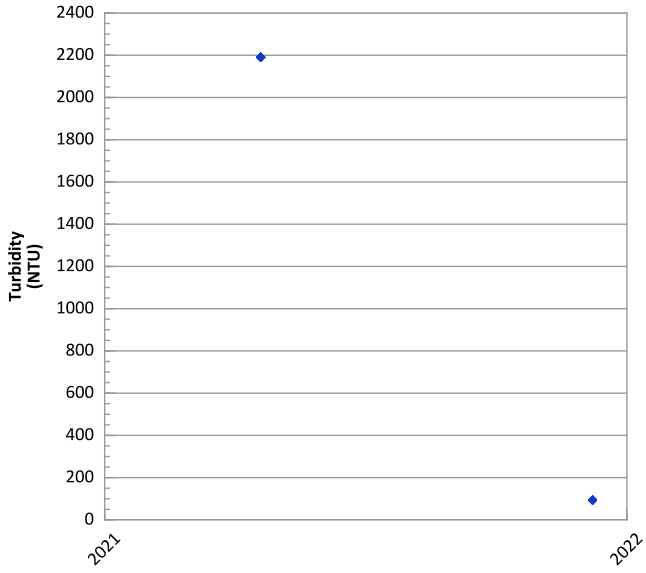


PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



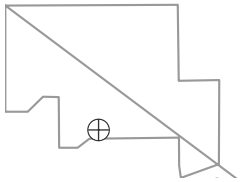






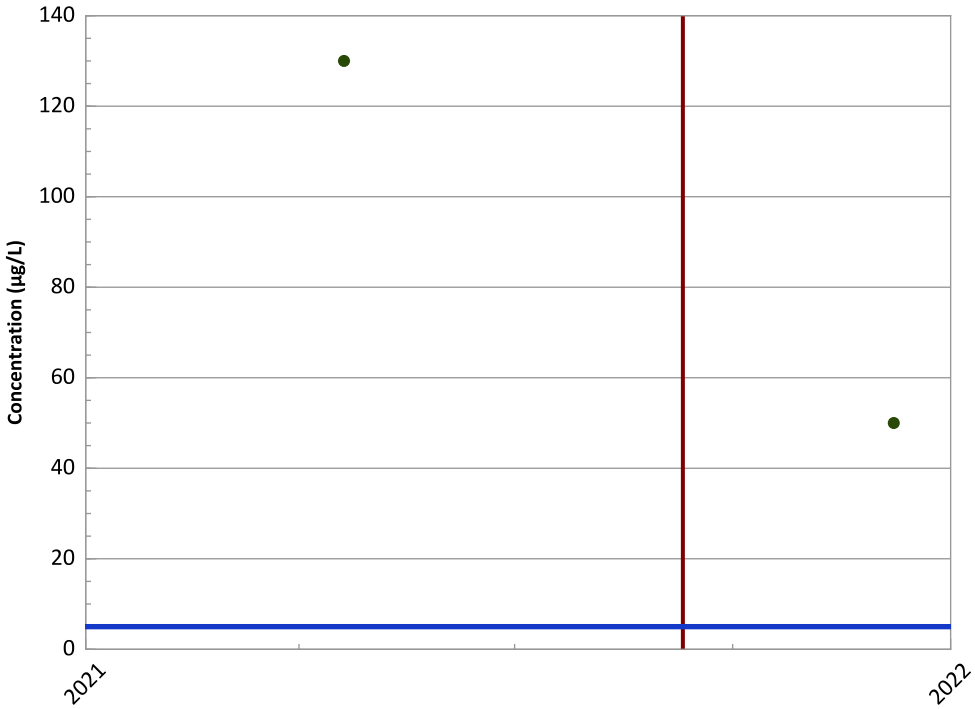
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

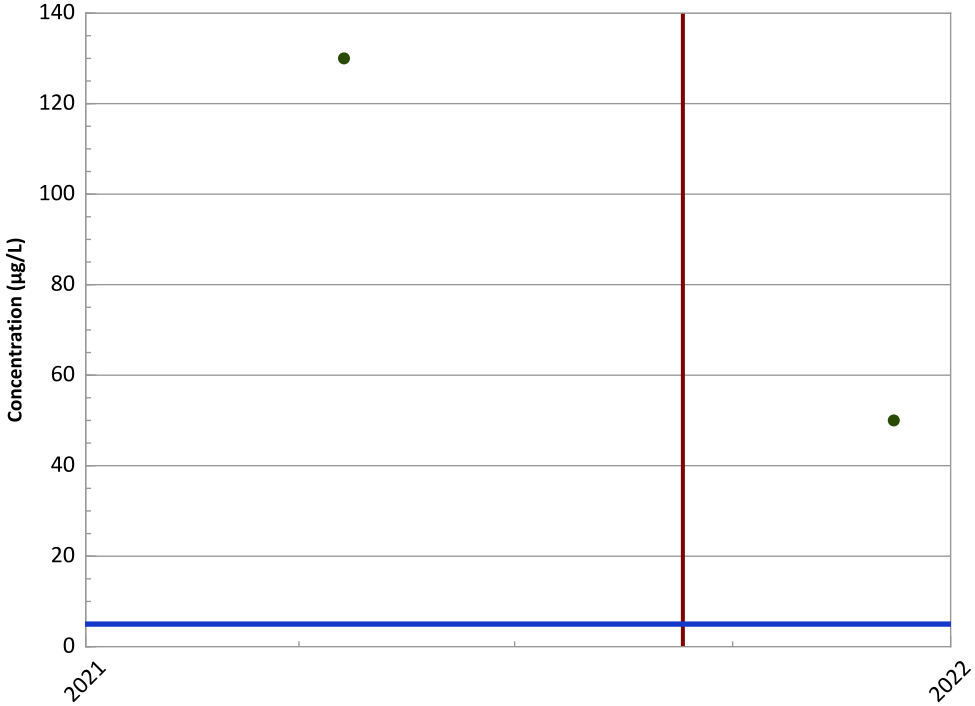


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

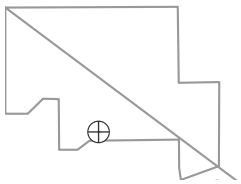
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

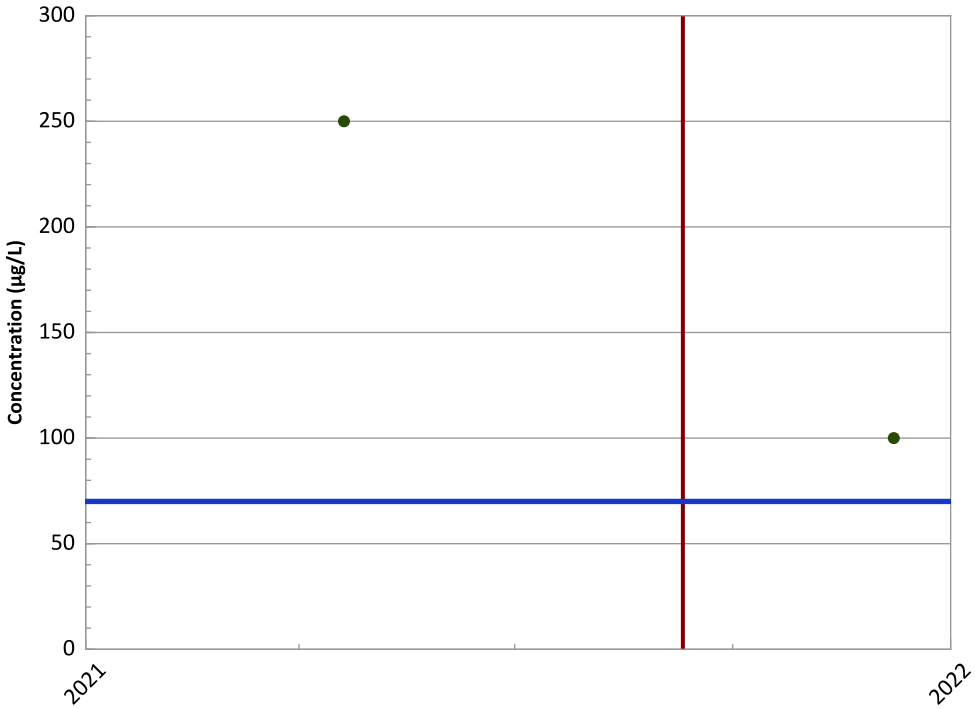
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

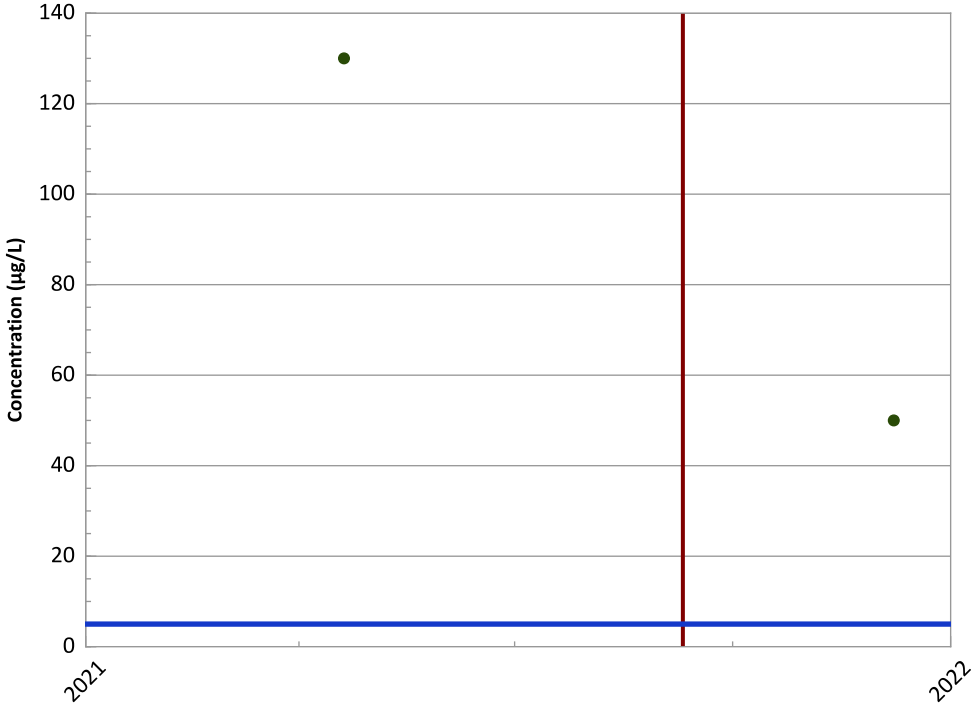


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

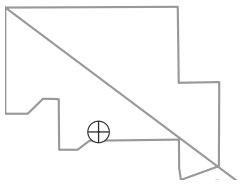
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

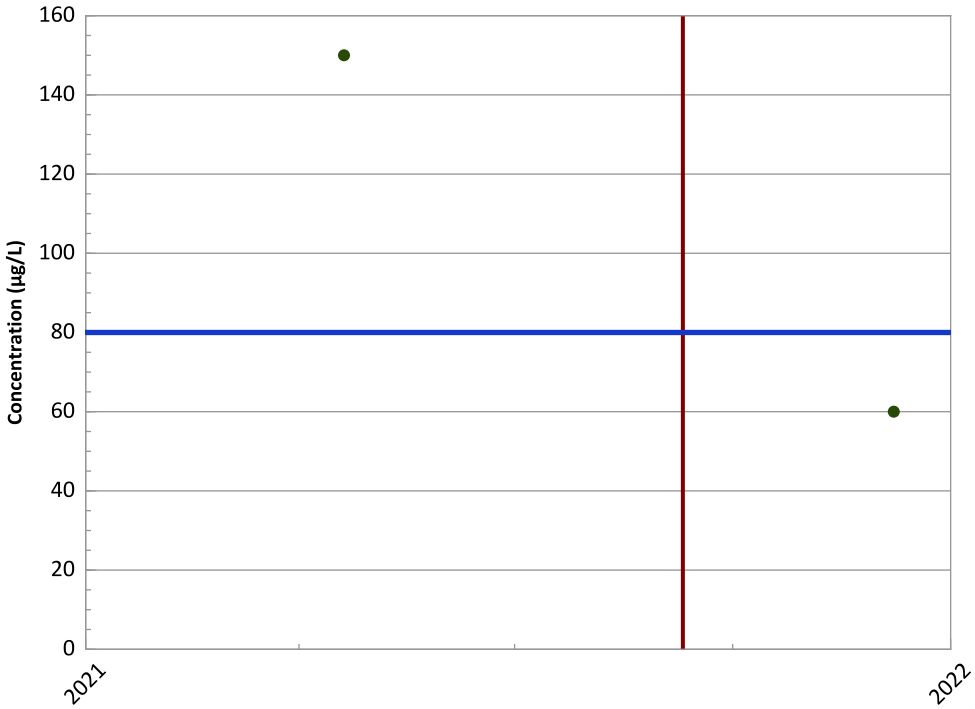
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

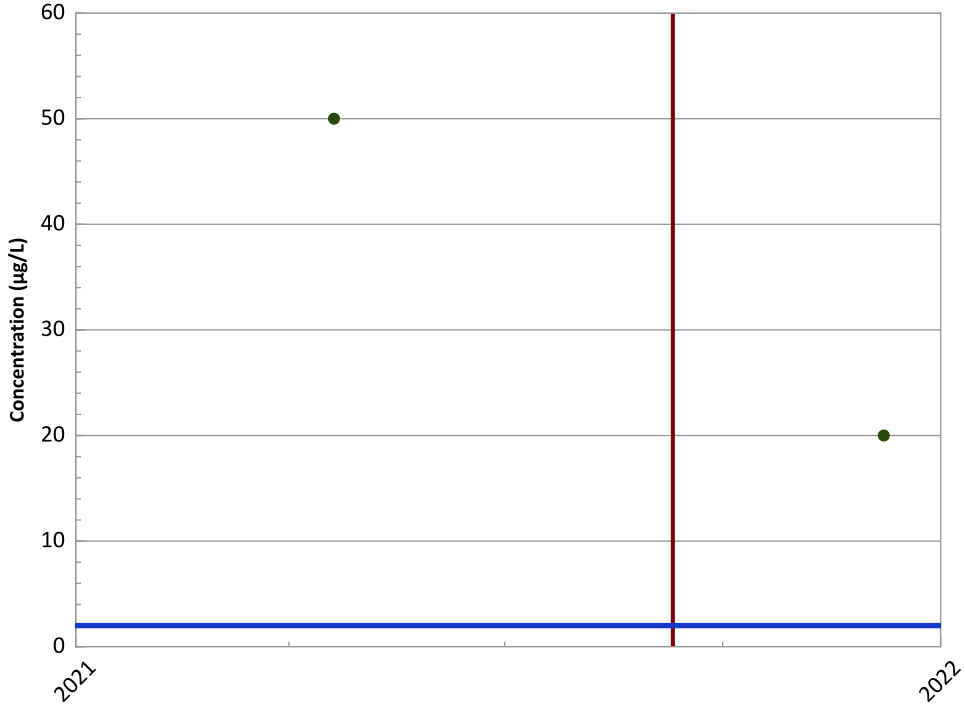


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend

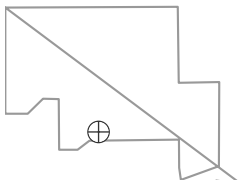


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location

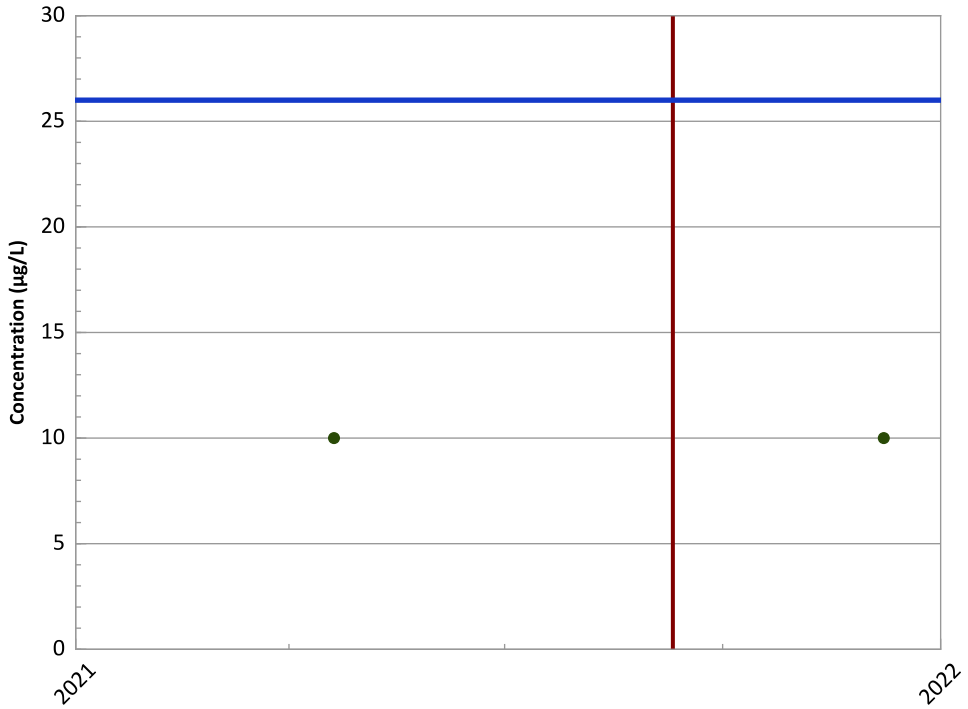


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

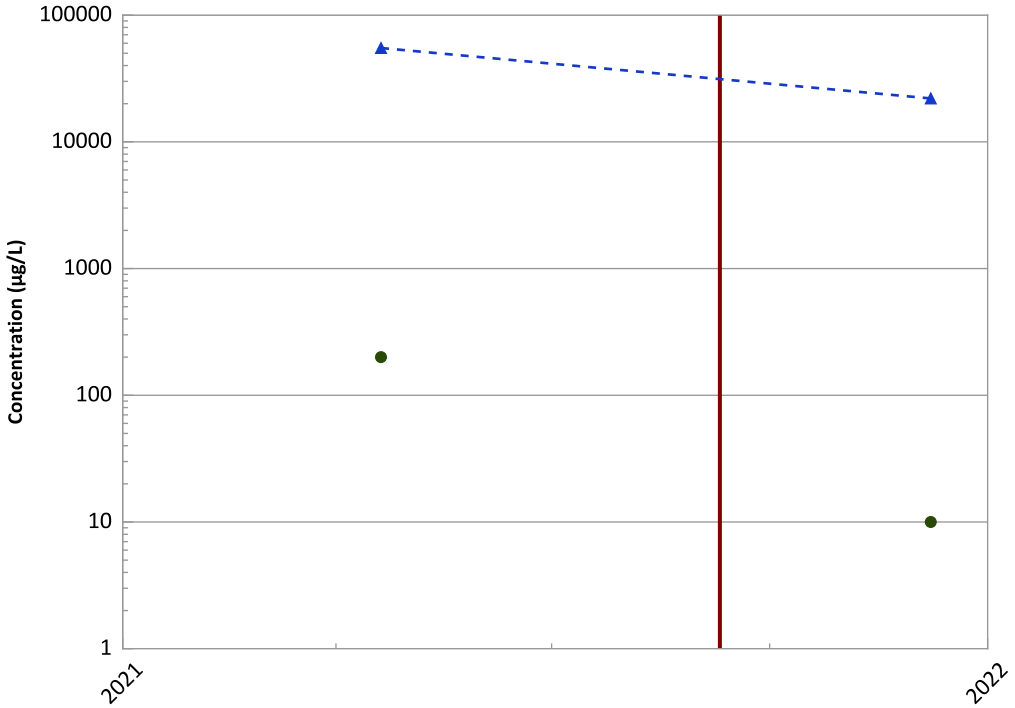


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

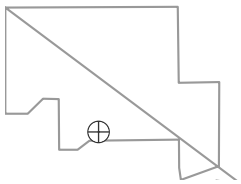
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

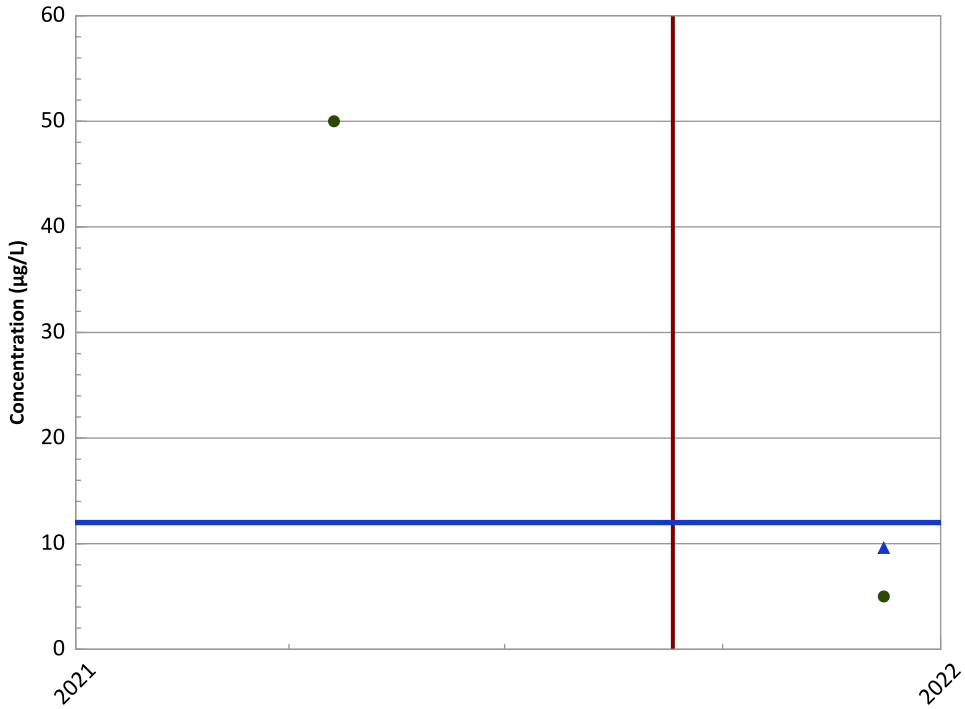
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

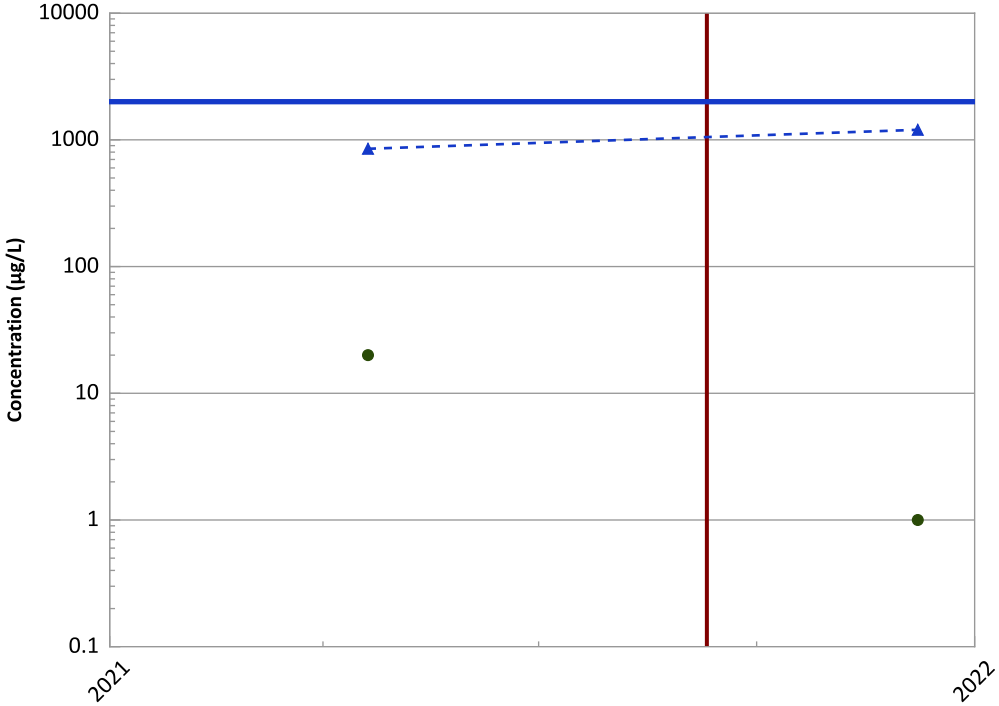


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

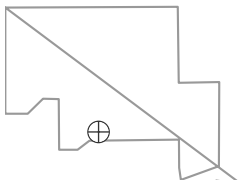
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

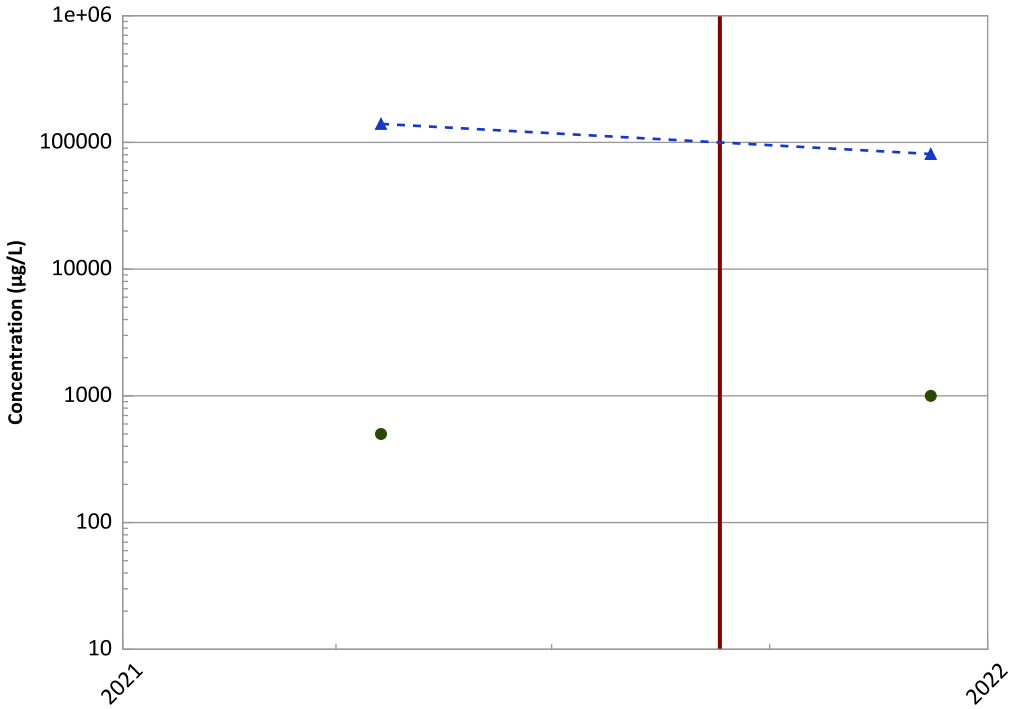
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

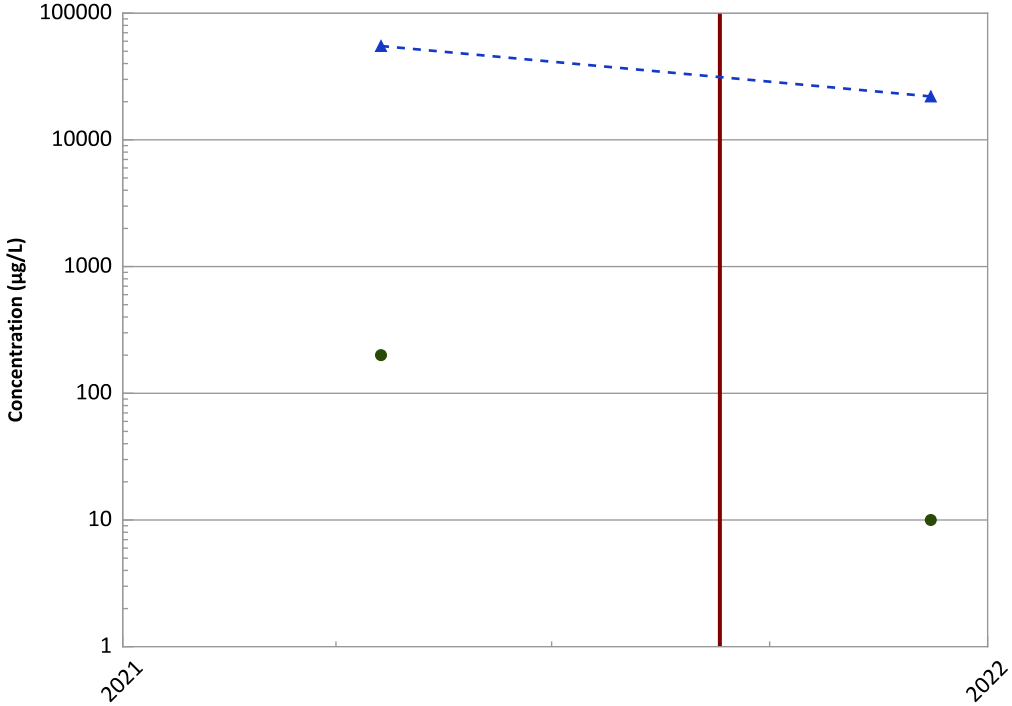


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

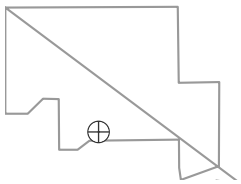
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

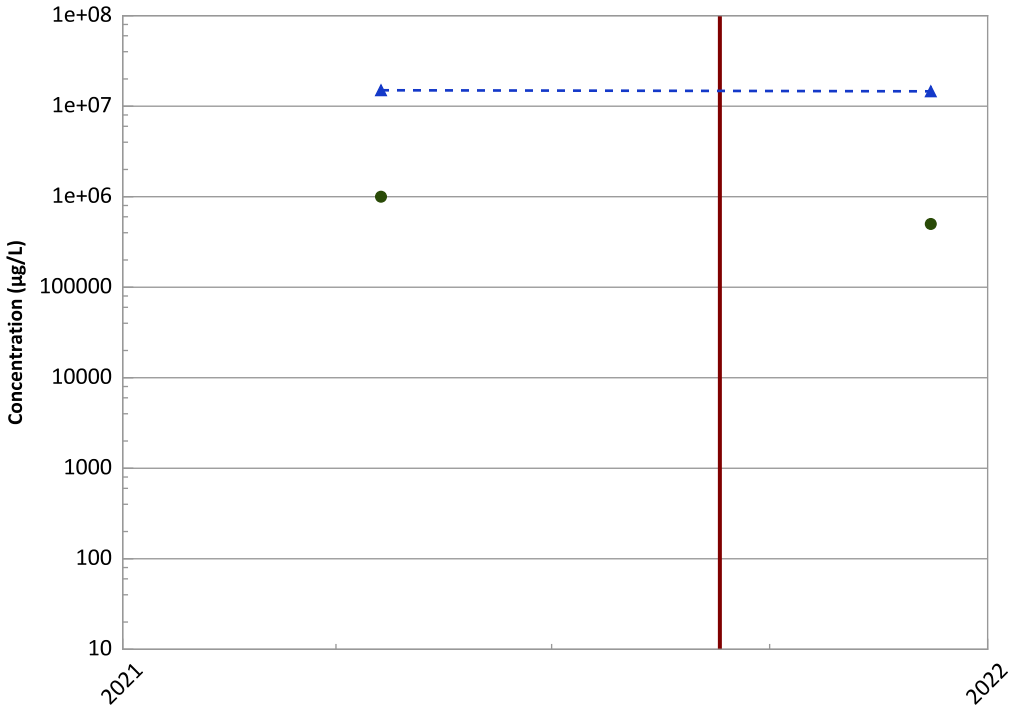
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

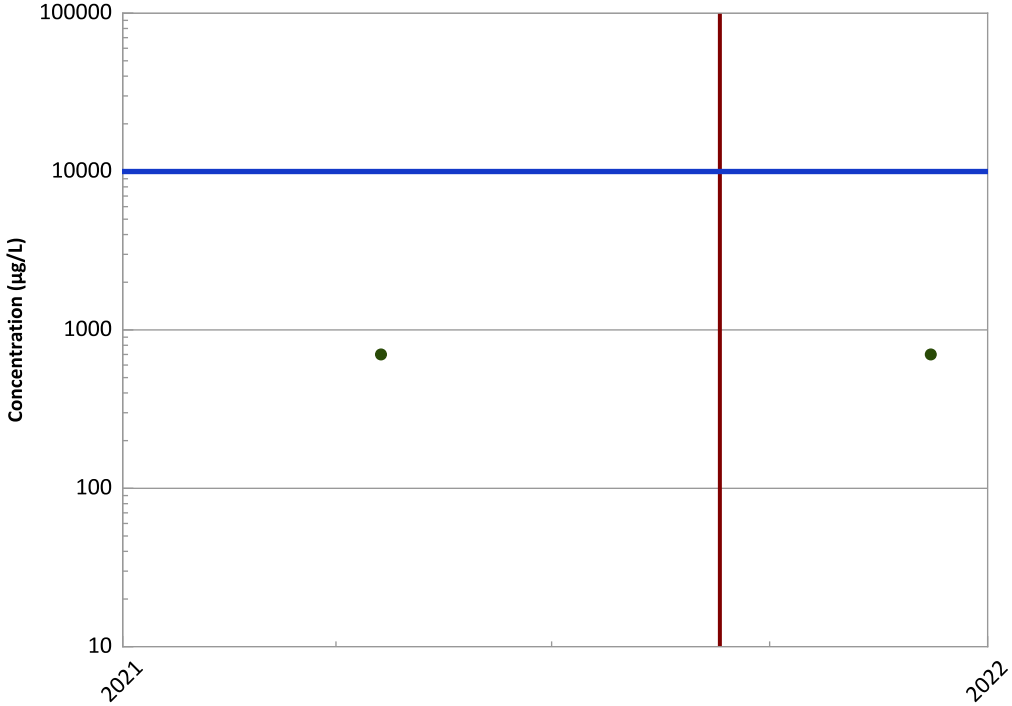


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

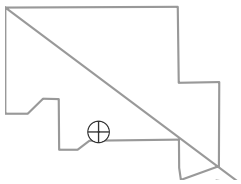
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

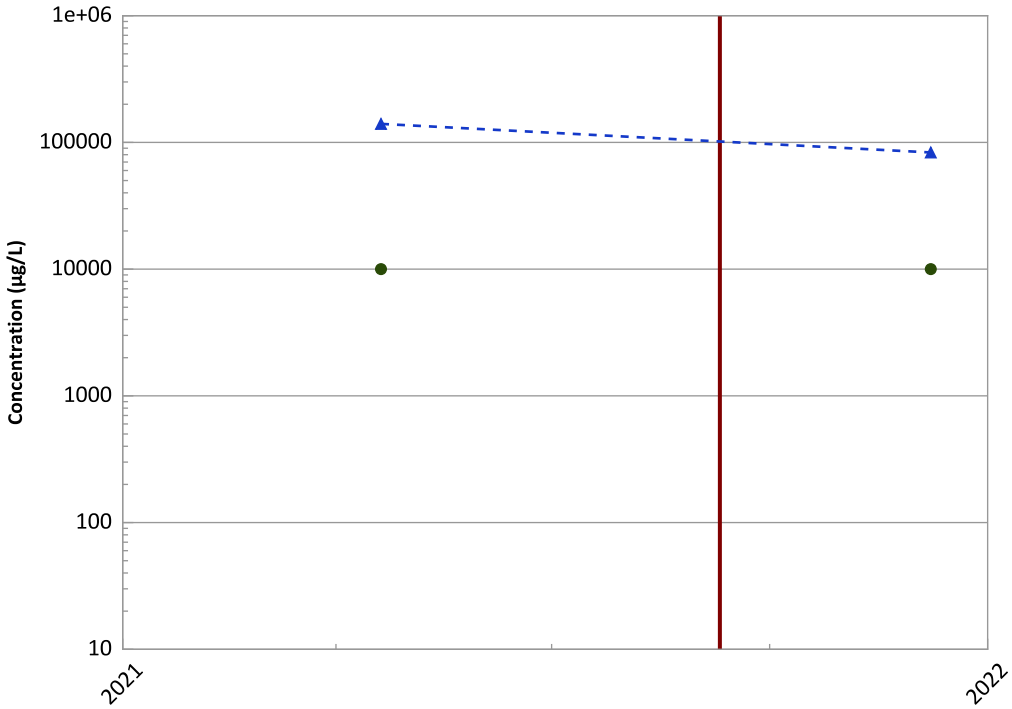
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend

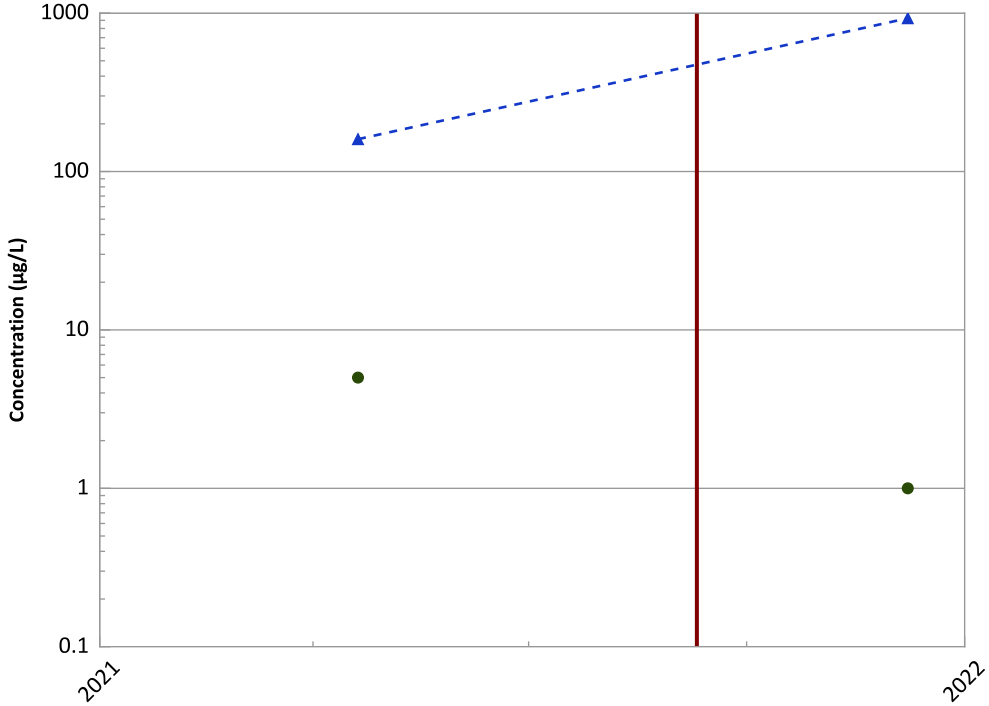


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Methane Trend

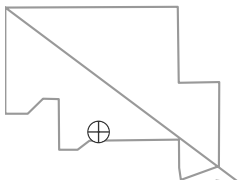


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Well Location

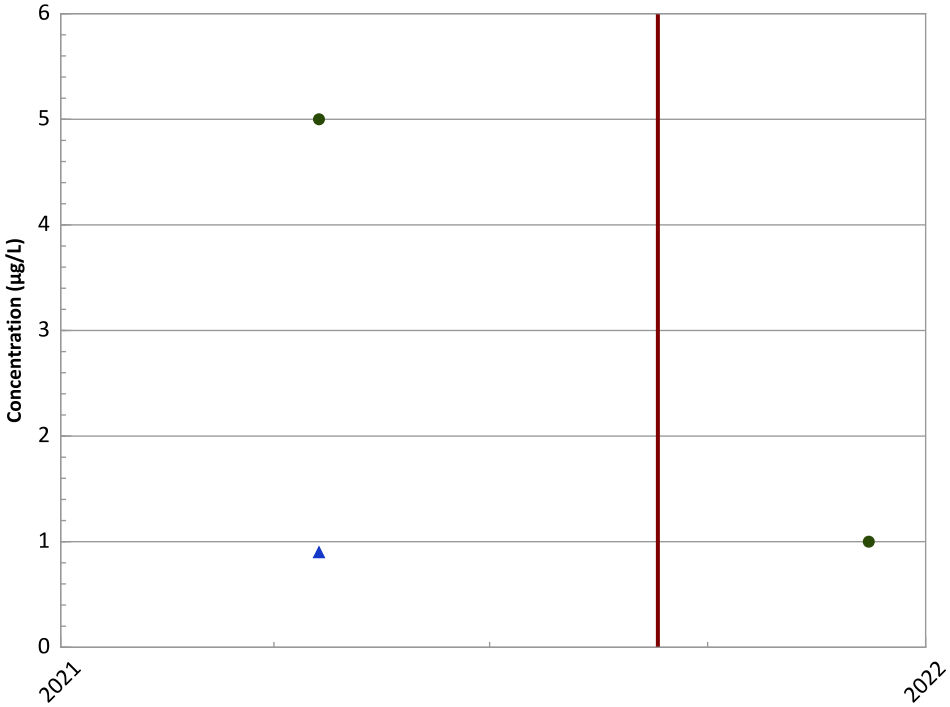


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

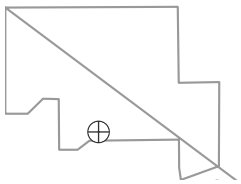
Ethene (Ethylene) Trend

Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location



Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB133 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trend

Concentration Trend

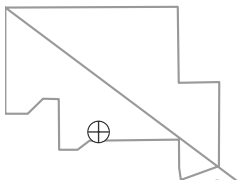
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

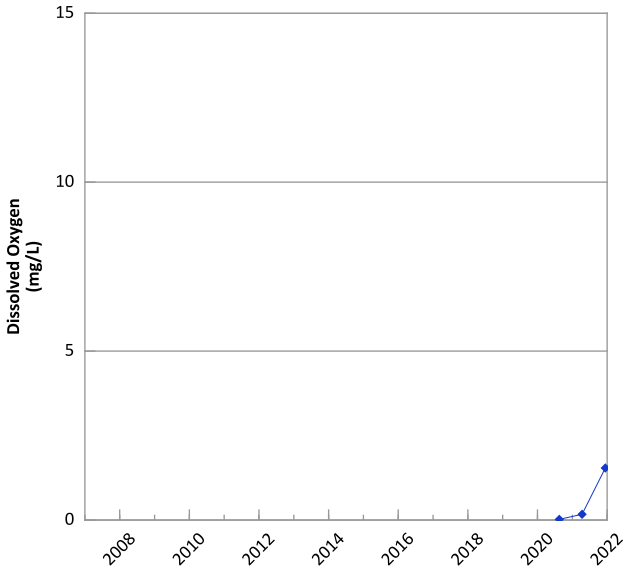
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 04/20/2021 to 12/08/2021
Analysis Date: 05/26/2022

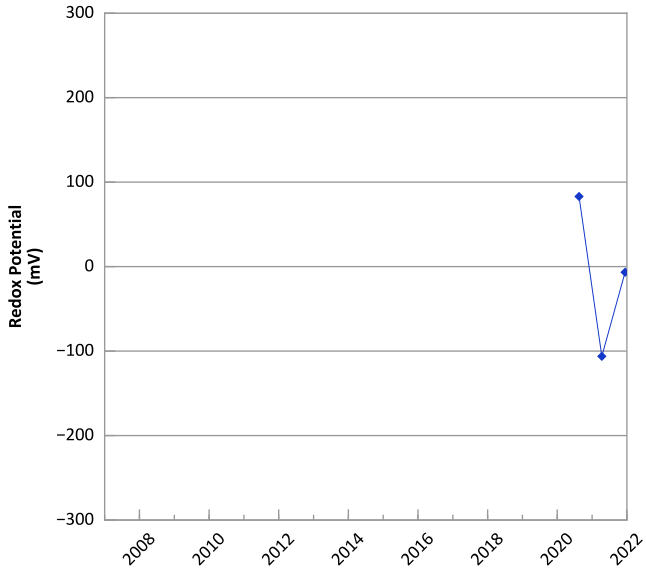
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

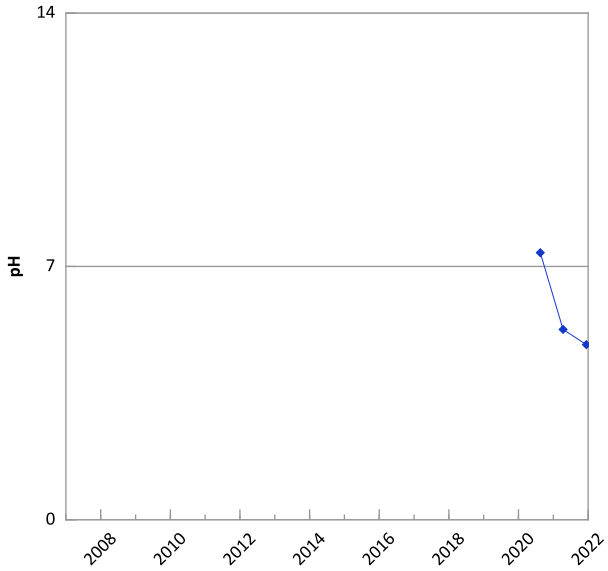
Well Location

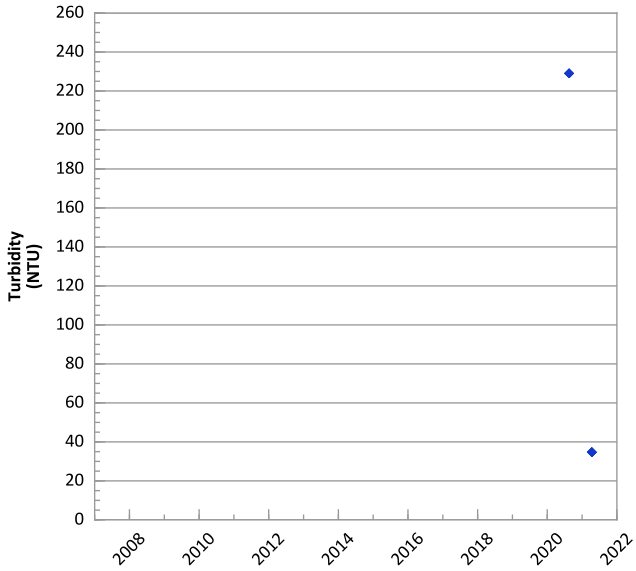


PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



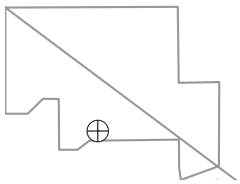






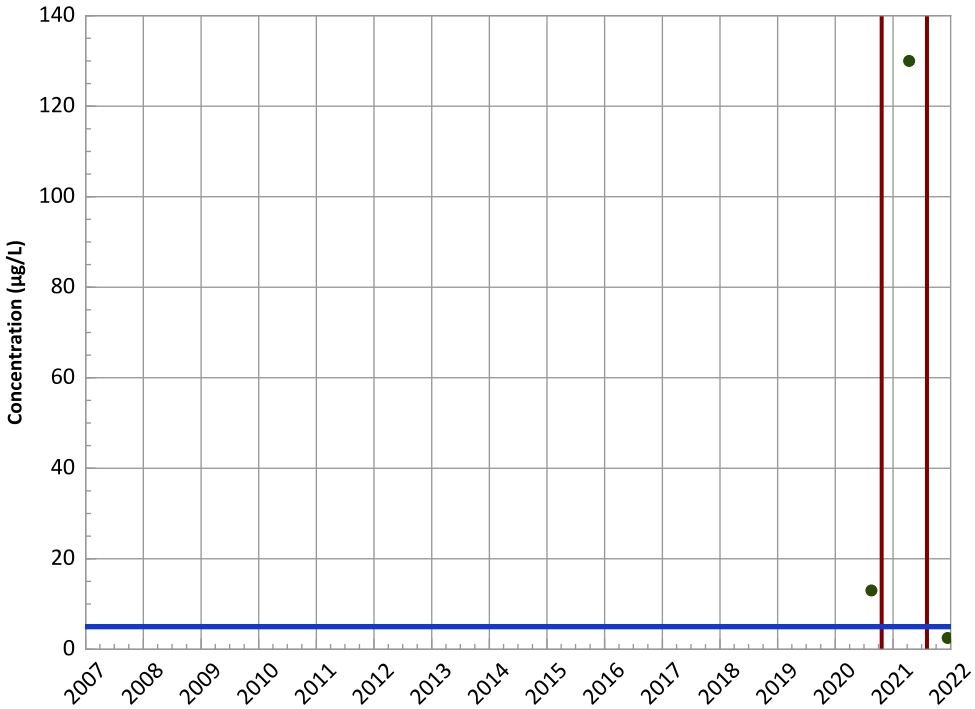
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

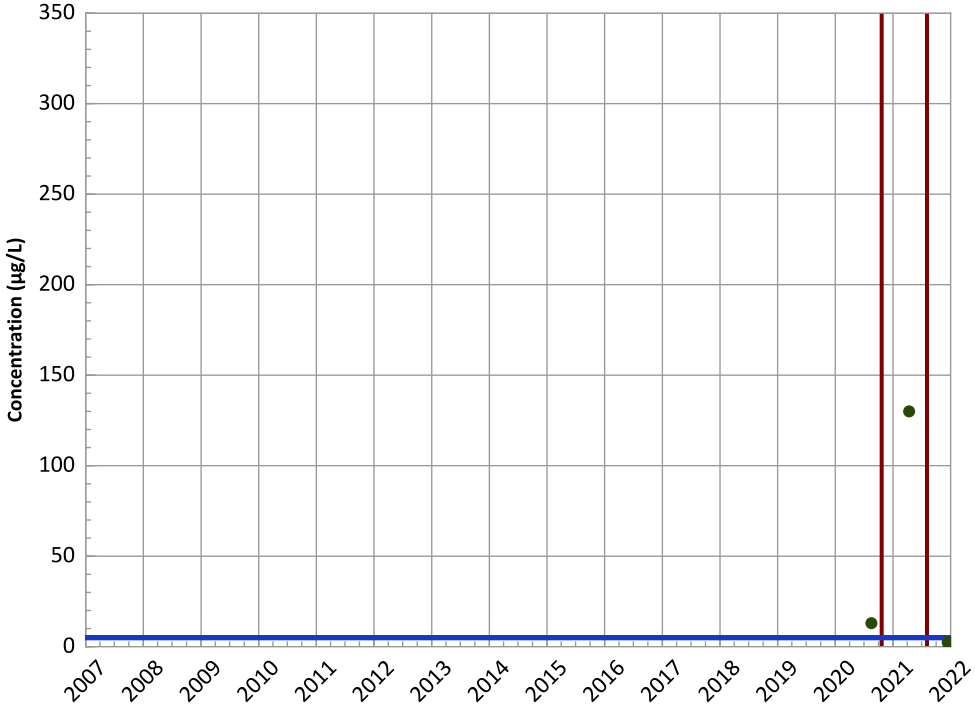


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

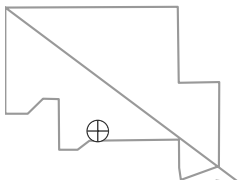
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

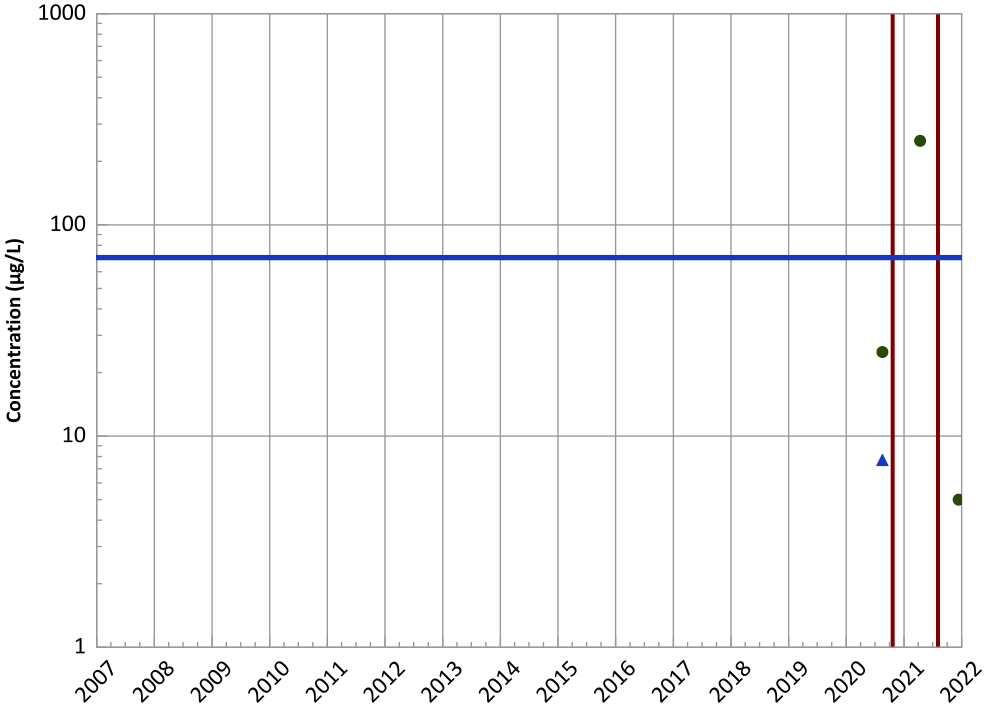
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

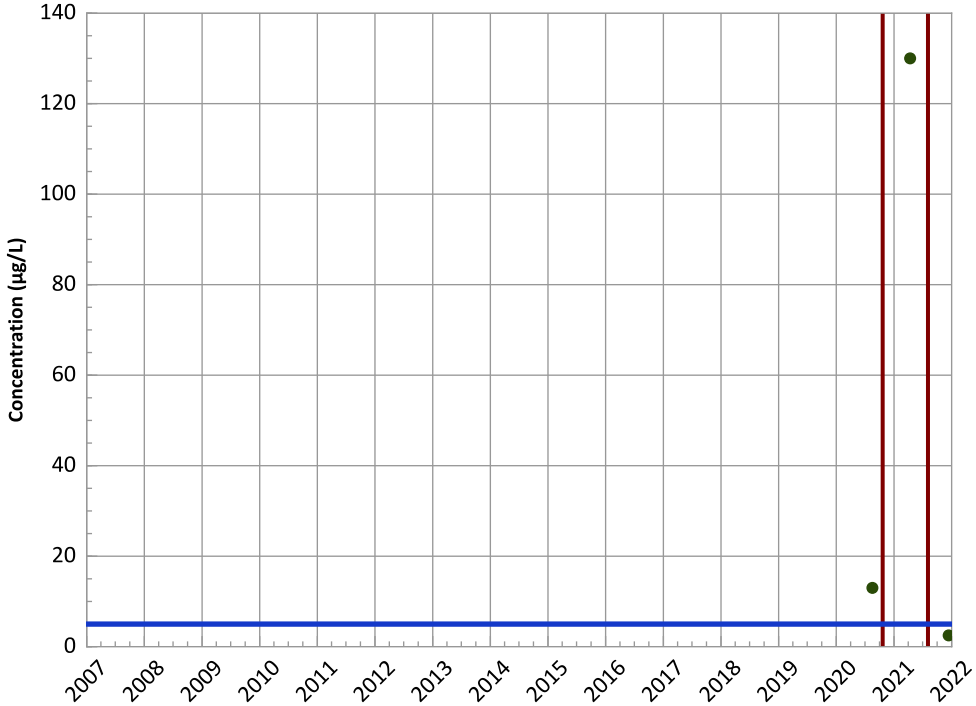


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

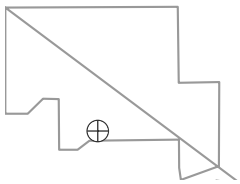
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

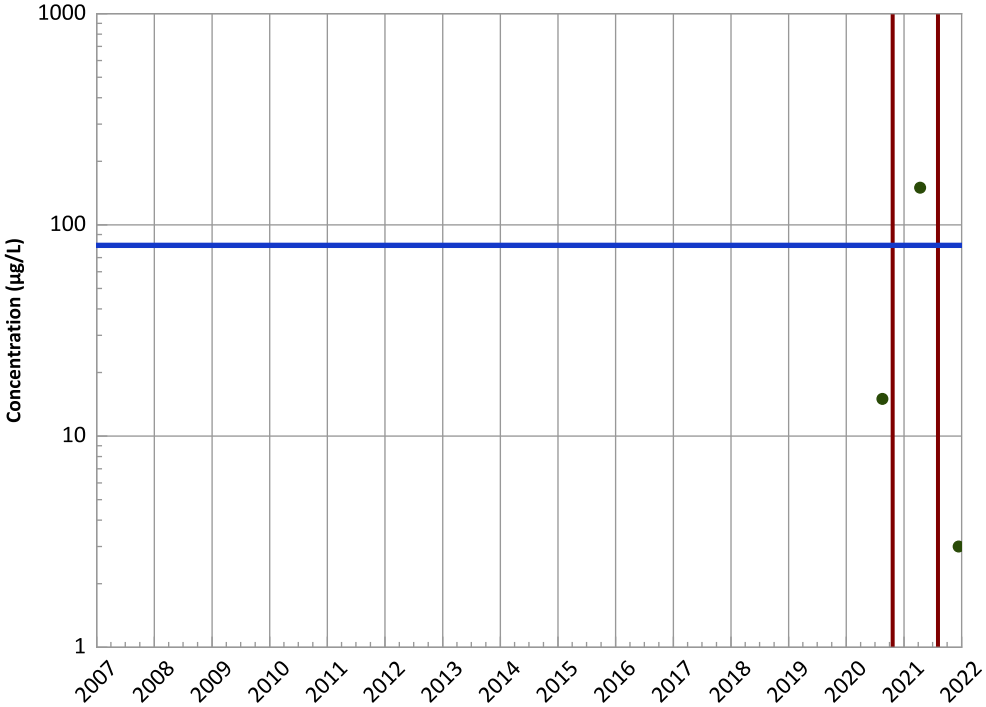
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

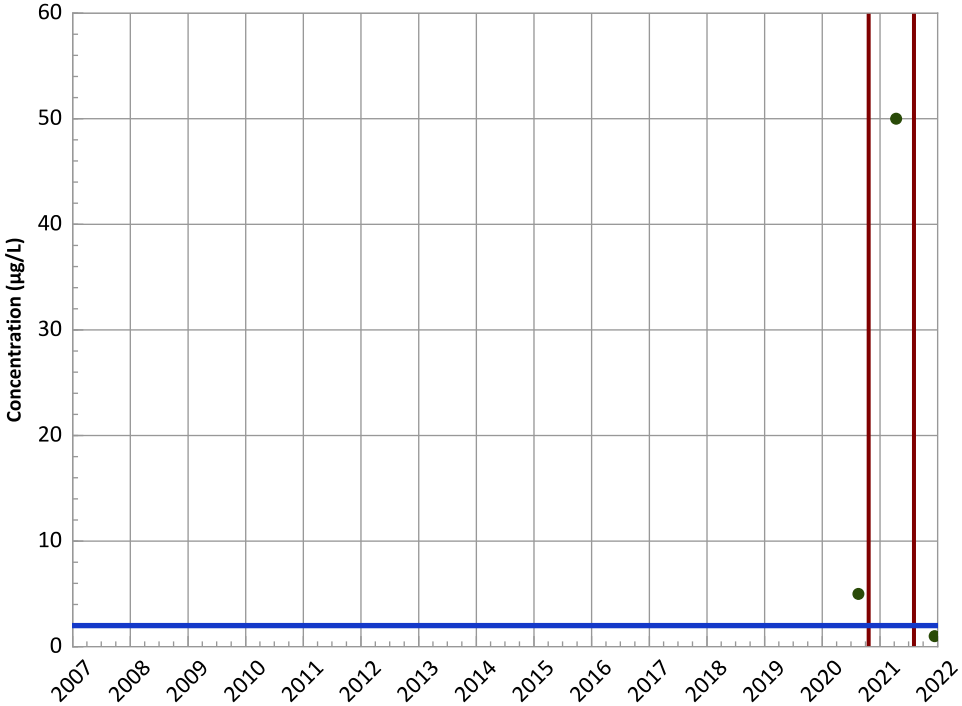


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

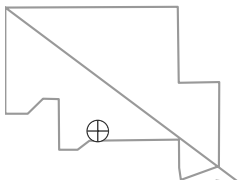
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

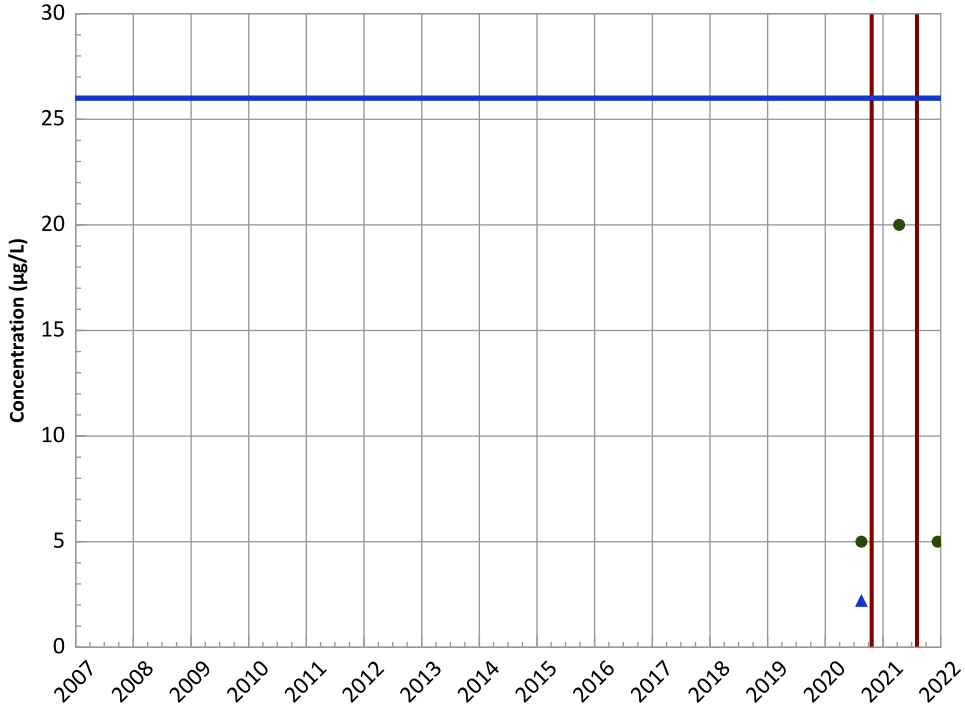
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

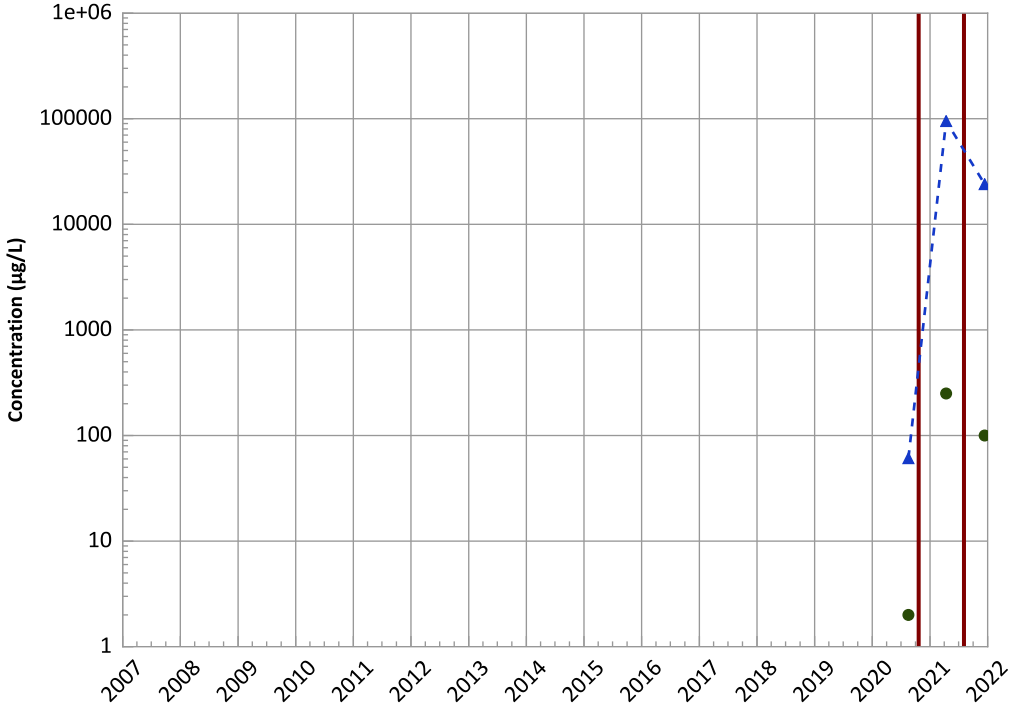


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

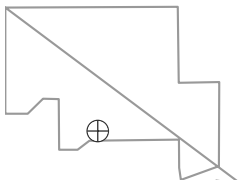
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

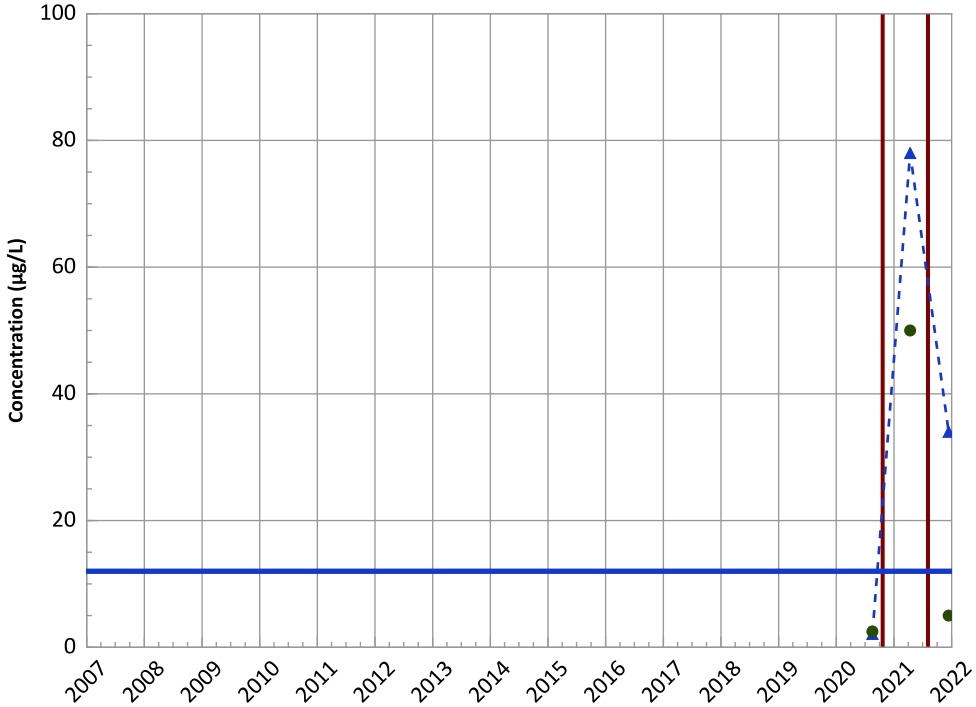
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

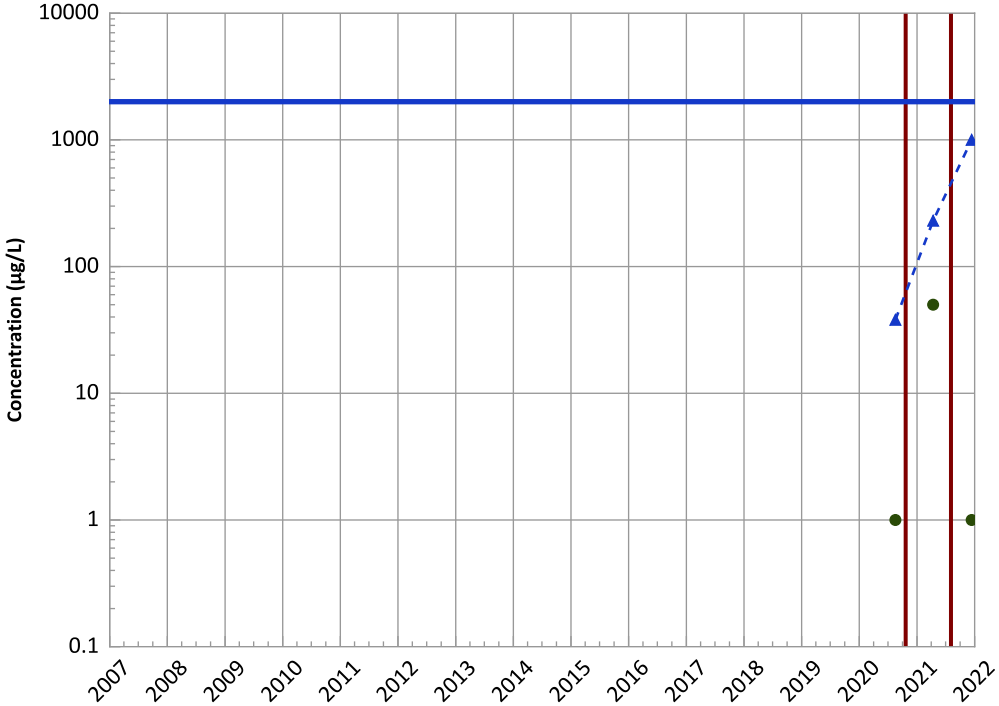


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

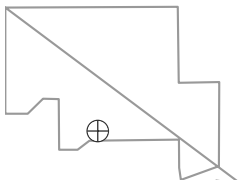
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

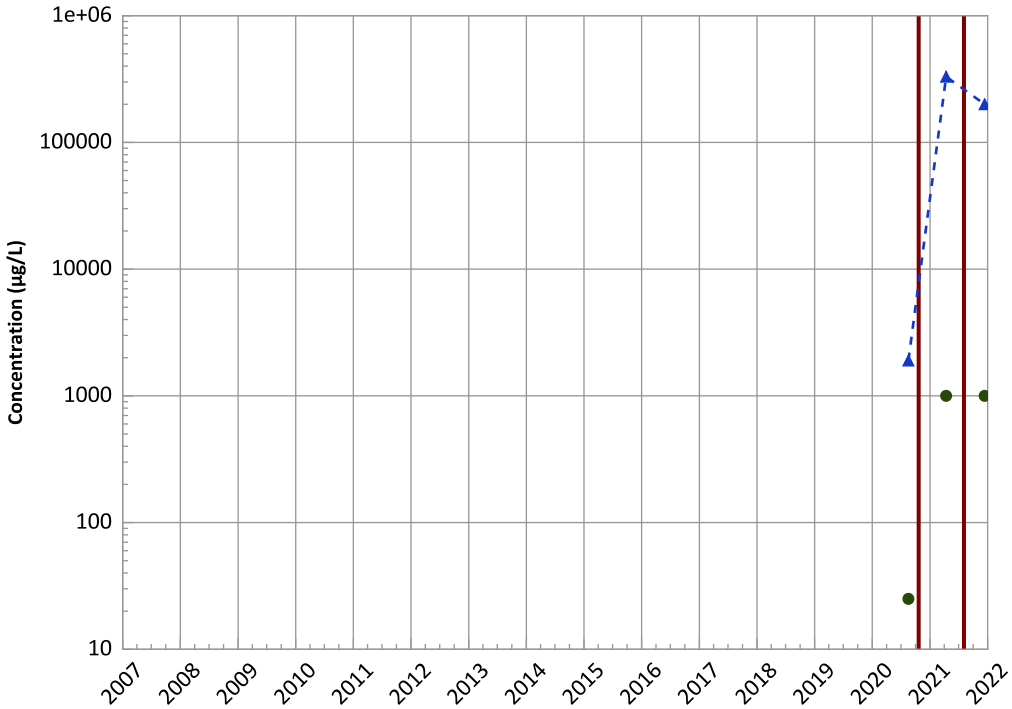
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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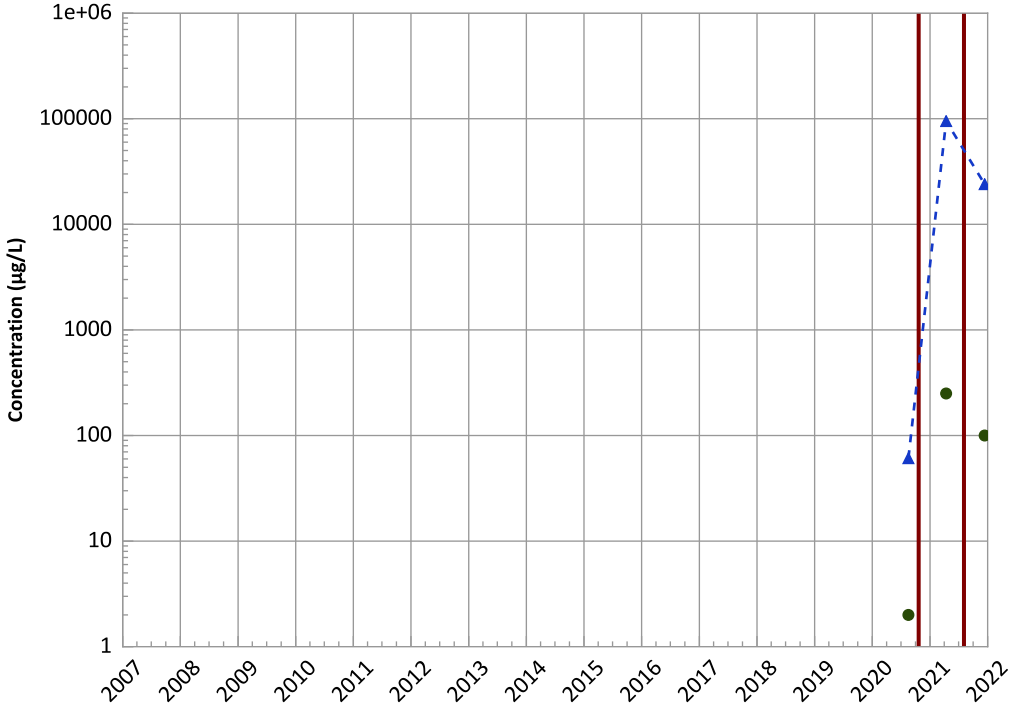
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

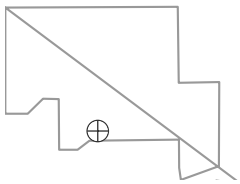
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

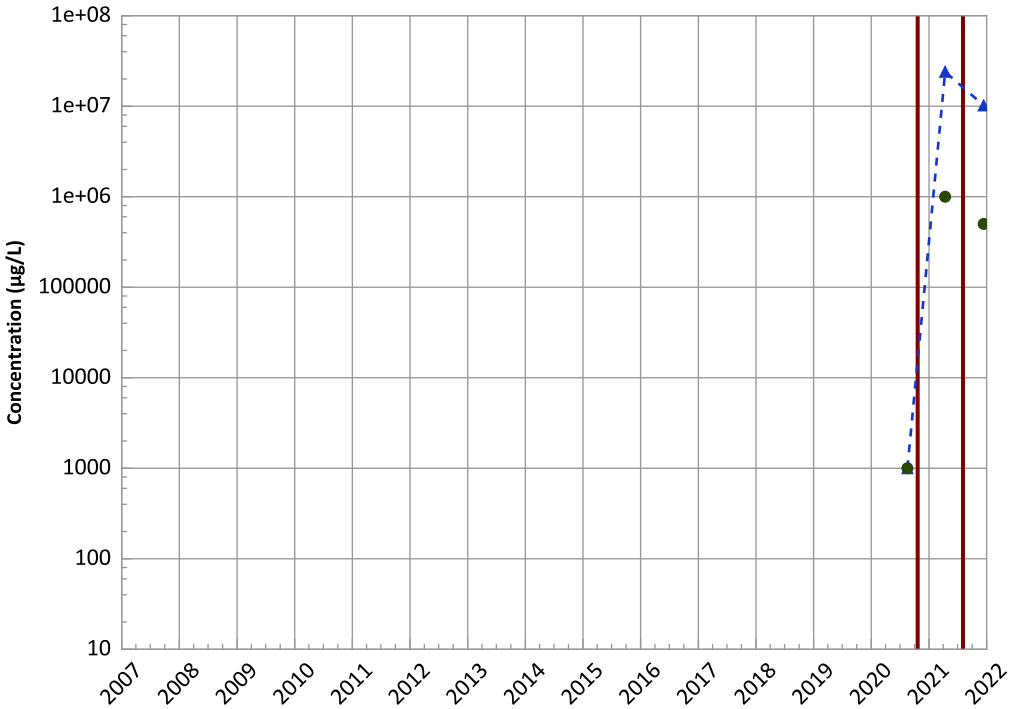
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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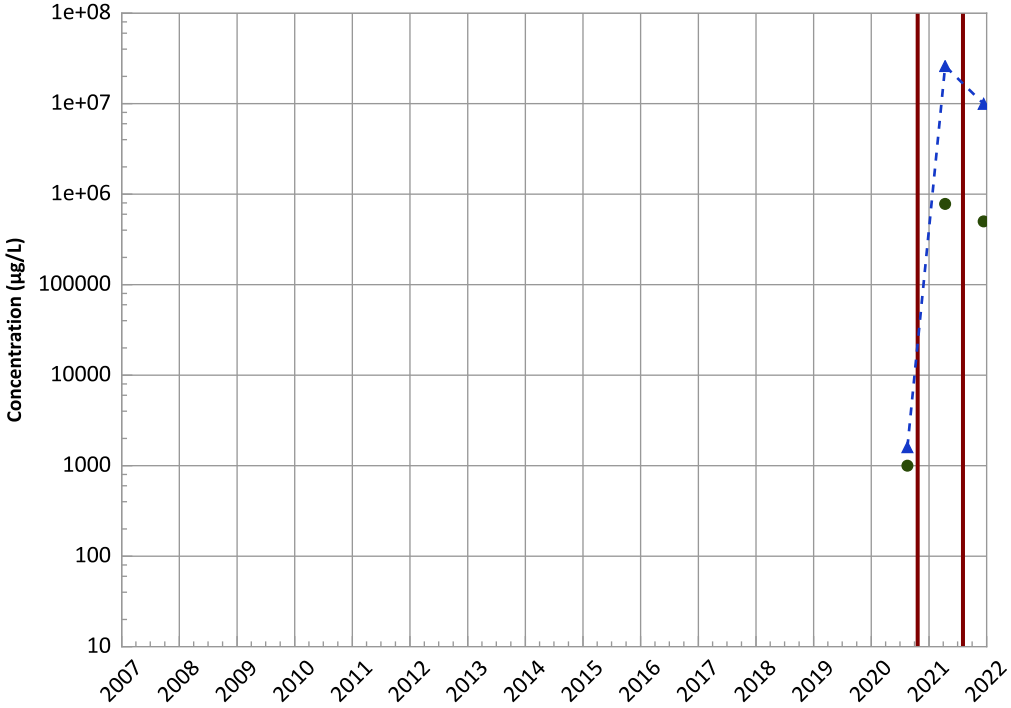
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

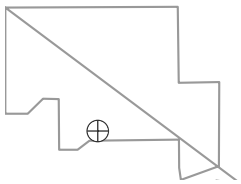
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

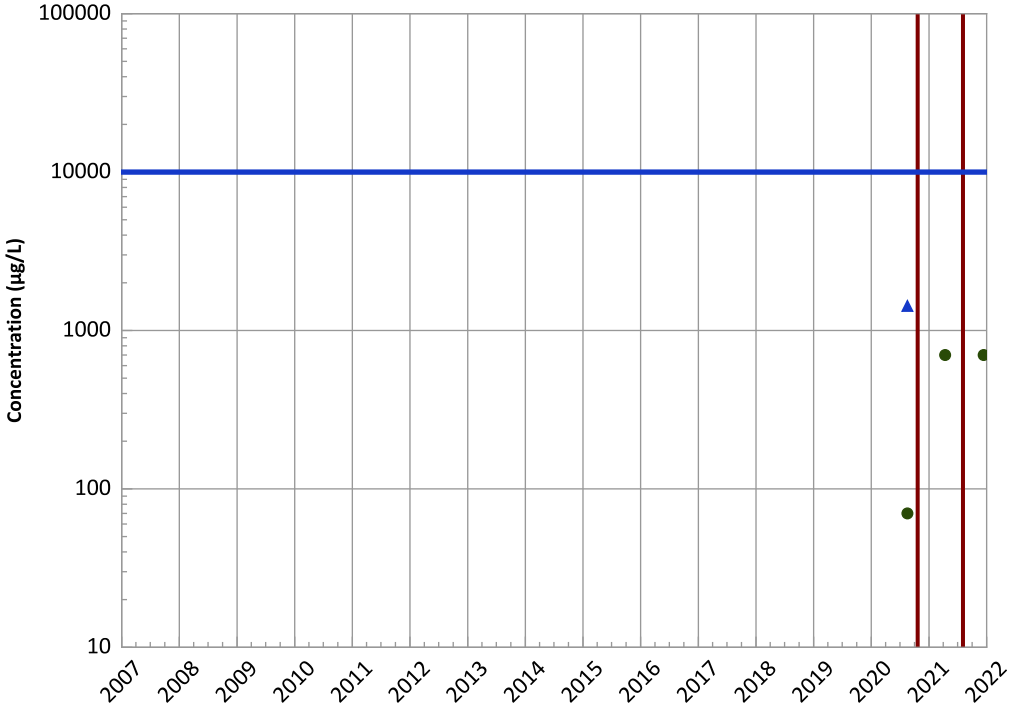
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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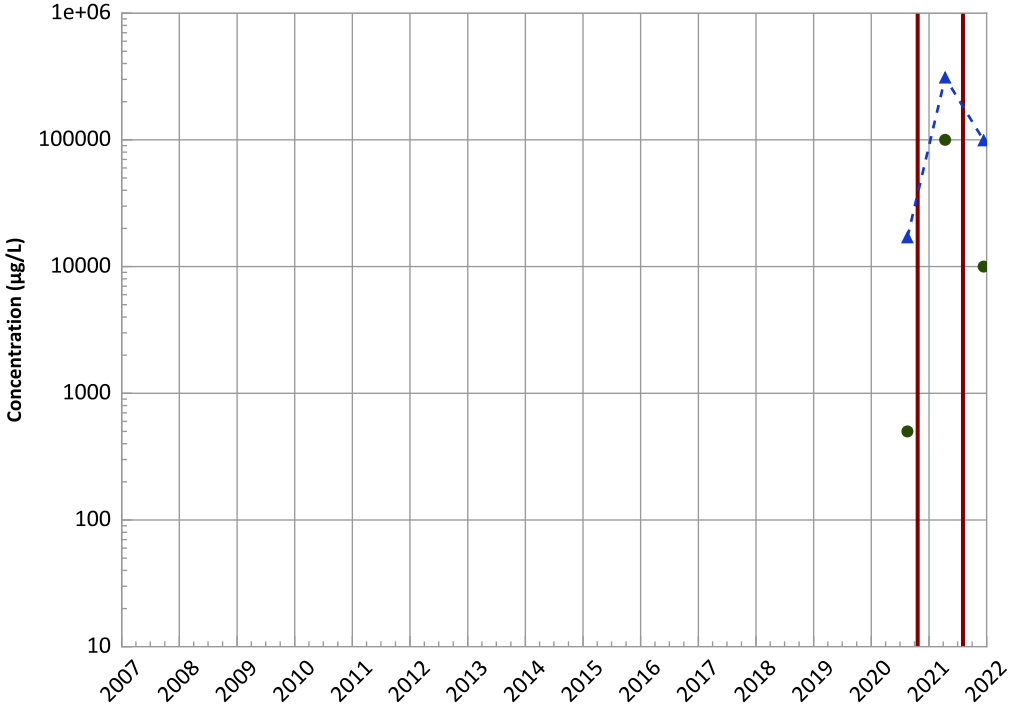
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

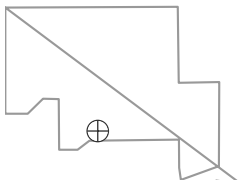
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

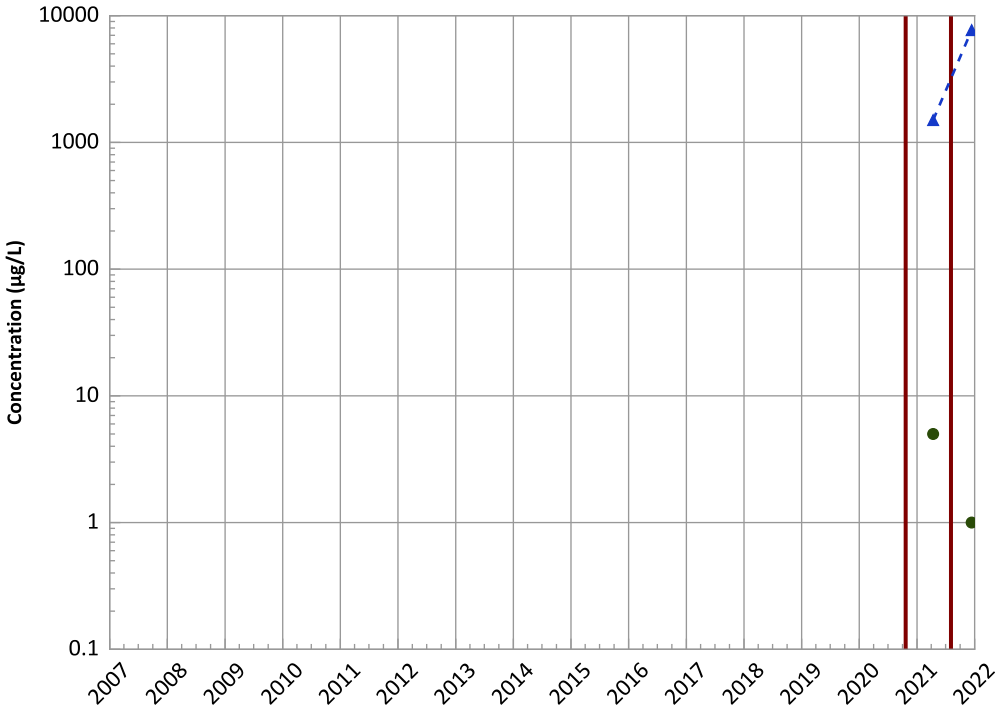
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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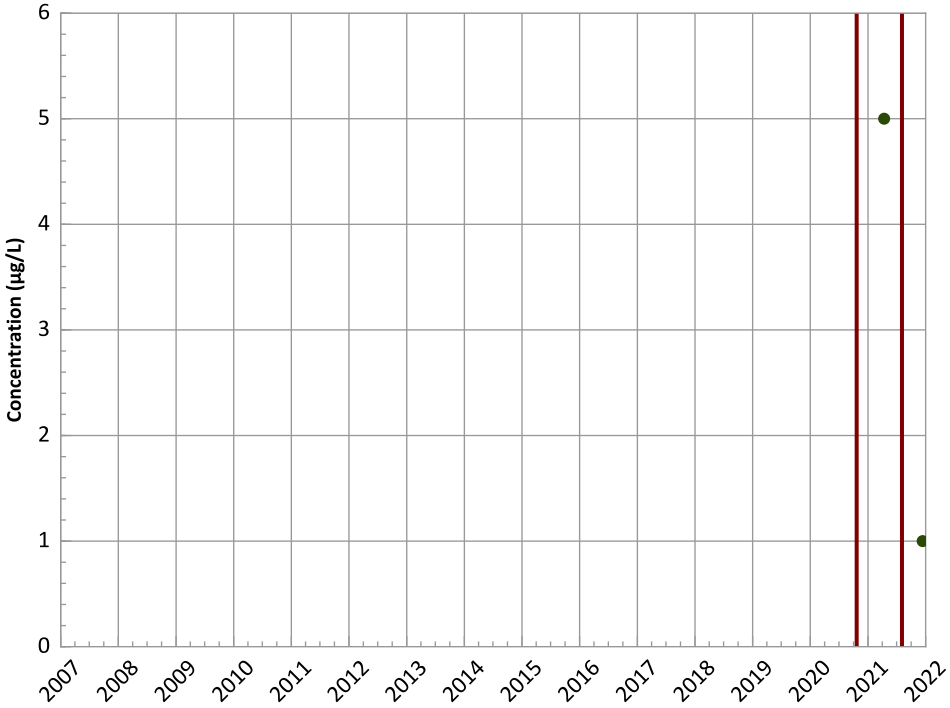
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Ethane Trend



Concentration Trend

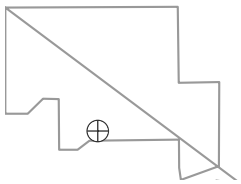
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

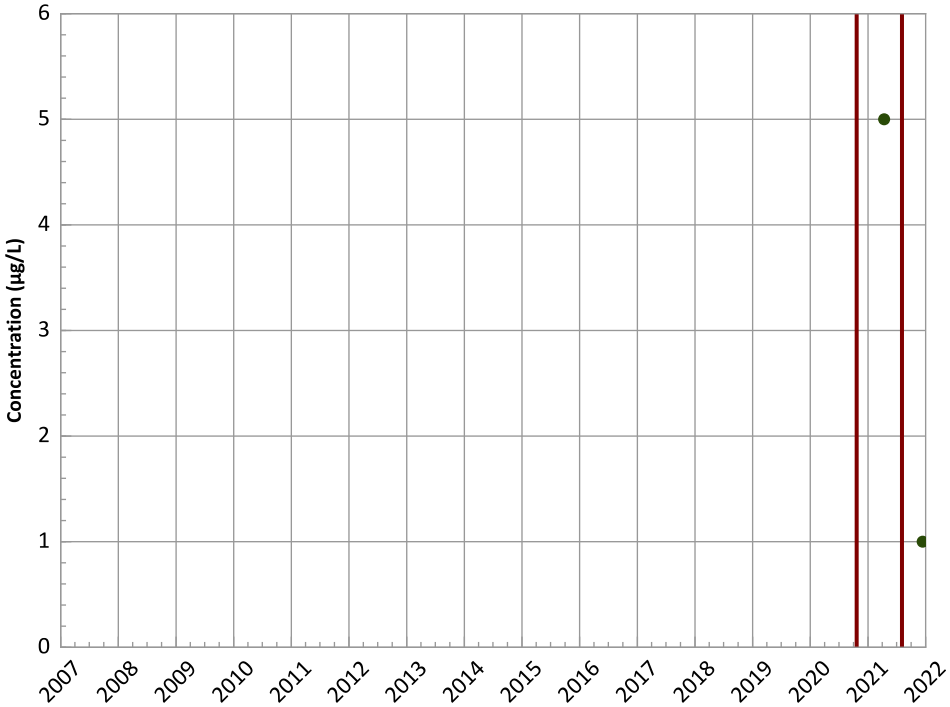
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB135 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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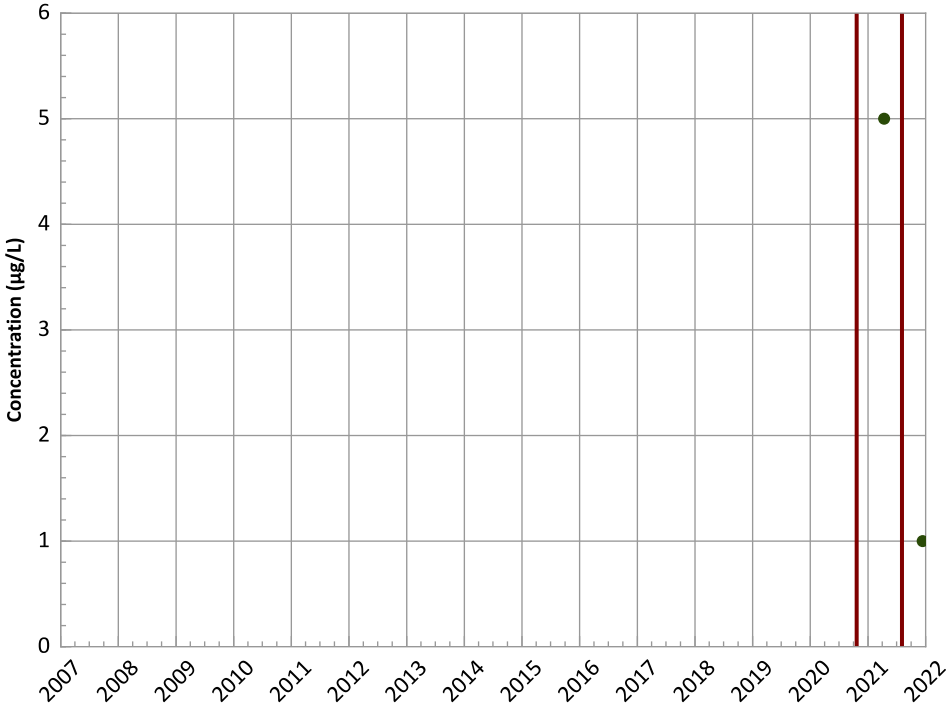
2019 - 2021 Data:
All Non-Detect

Trend

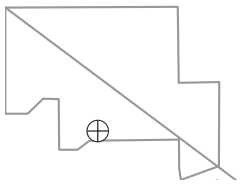


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

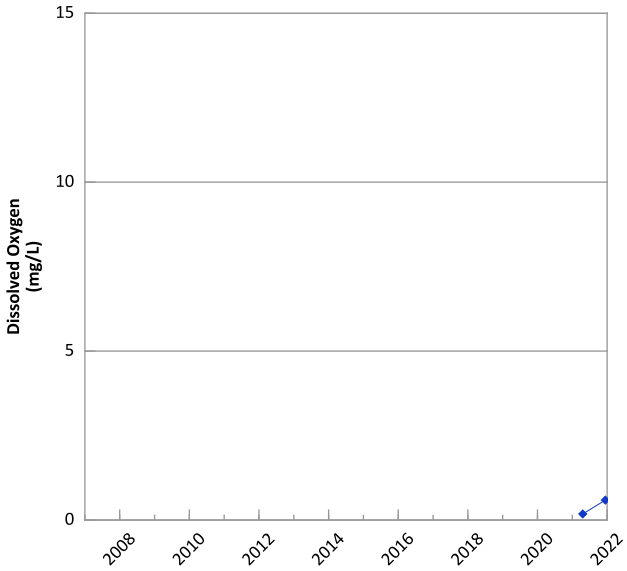
Well Location

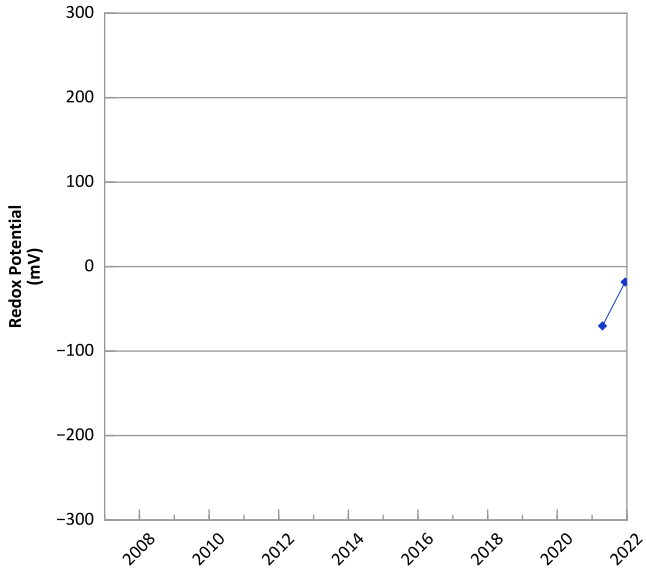


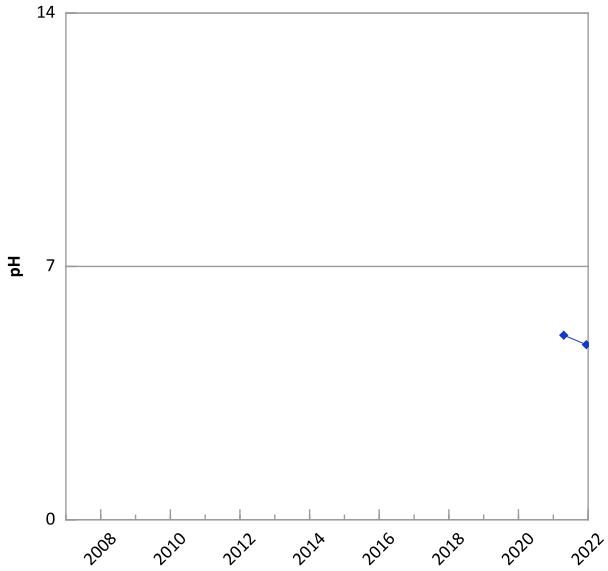
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/17/2020 to 12/13/2021
Analysis Date: 05/26/2022

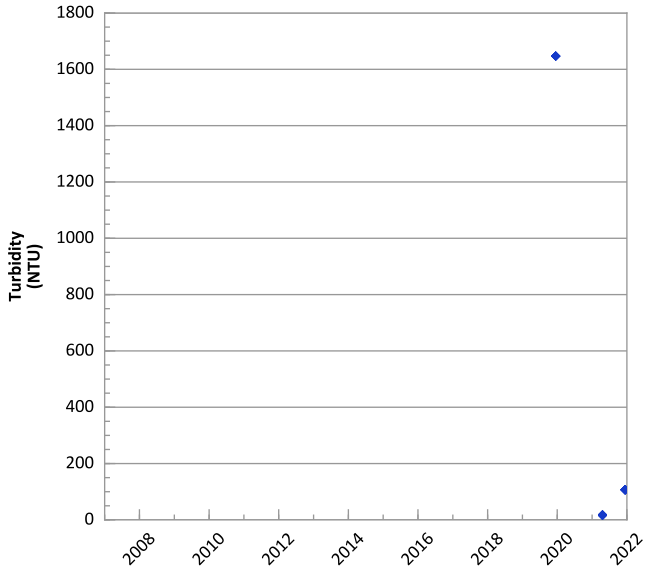
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



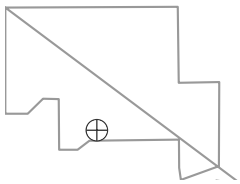






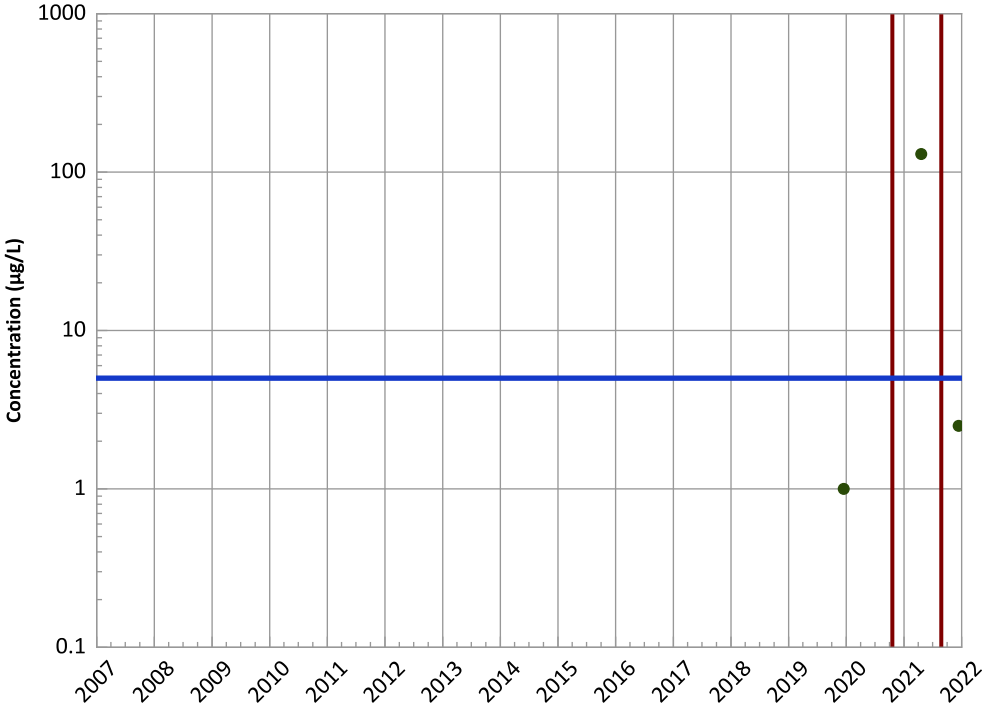
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

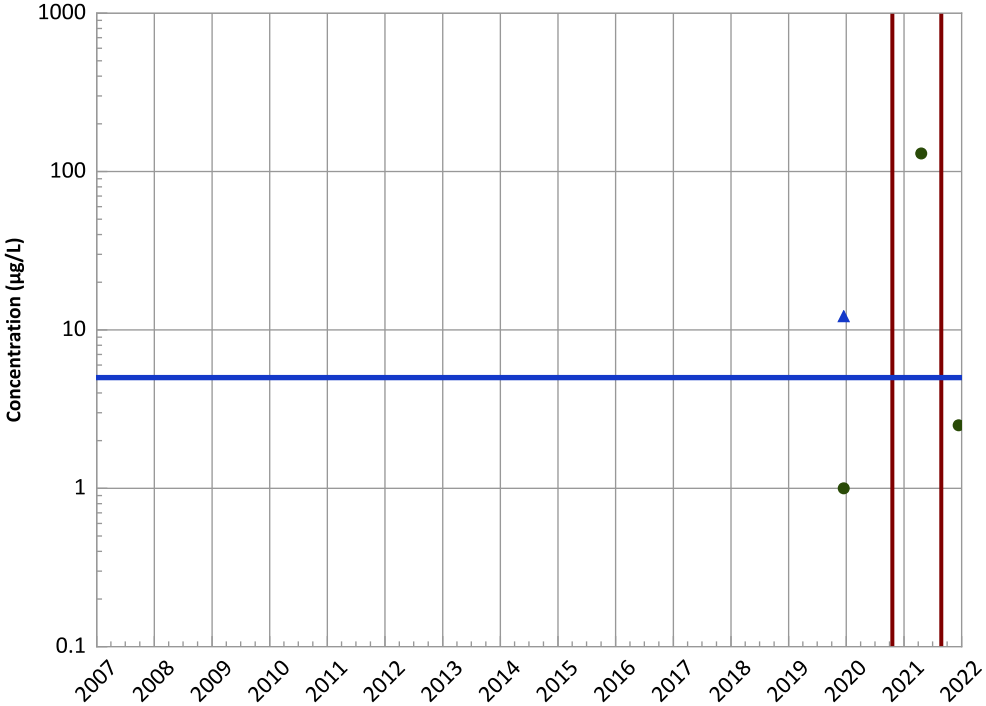


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend



Concentration Trend

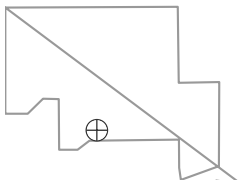
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

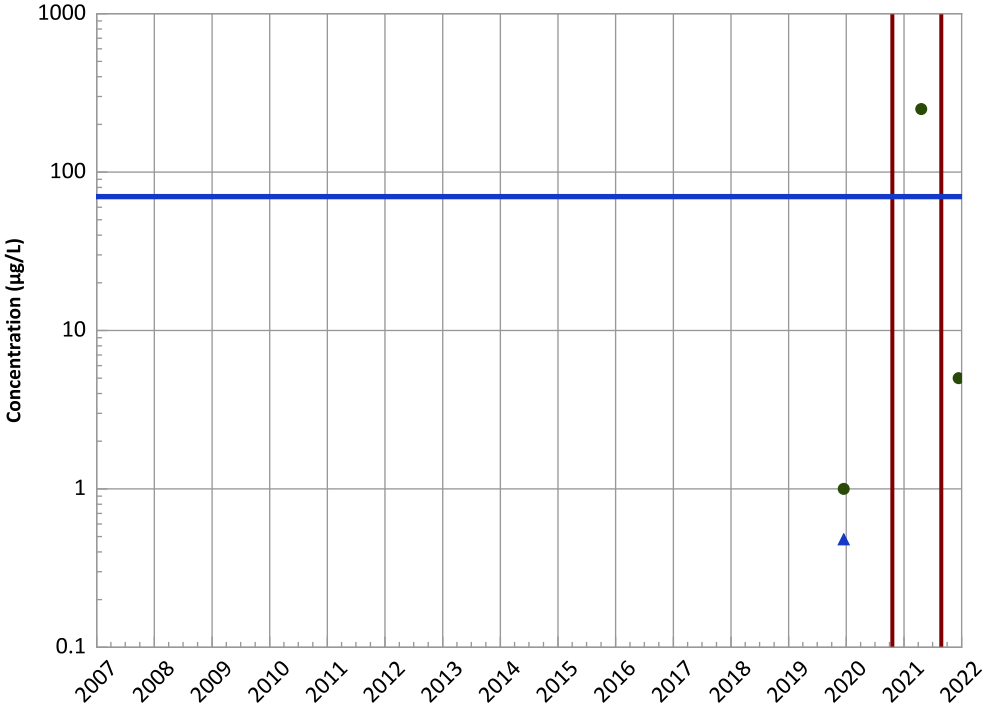
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

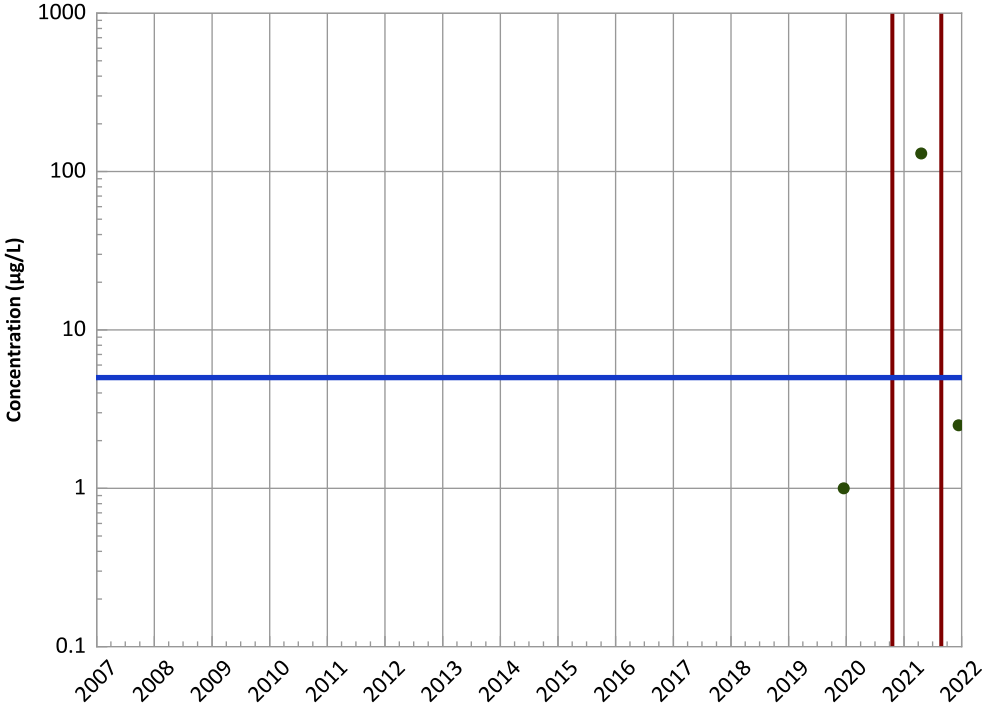


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,2-Dichloroethane Trend



Concentration Trend

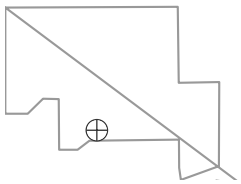
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

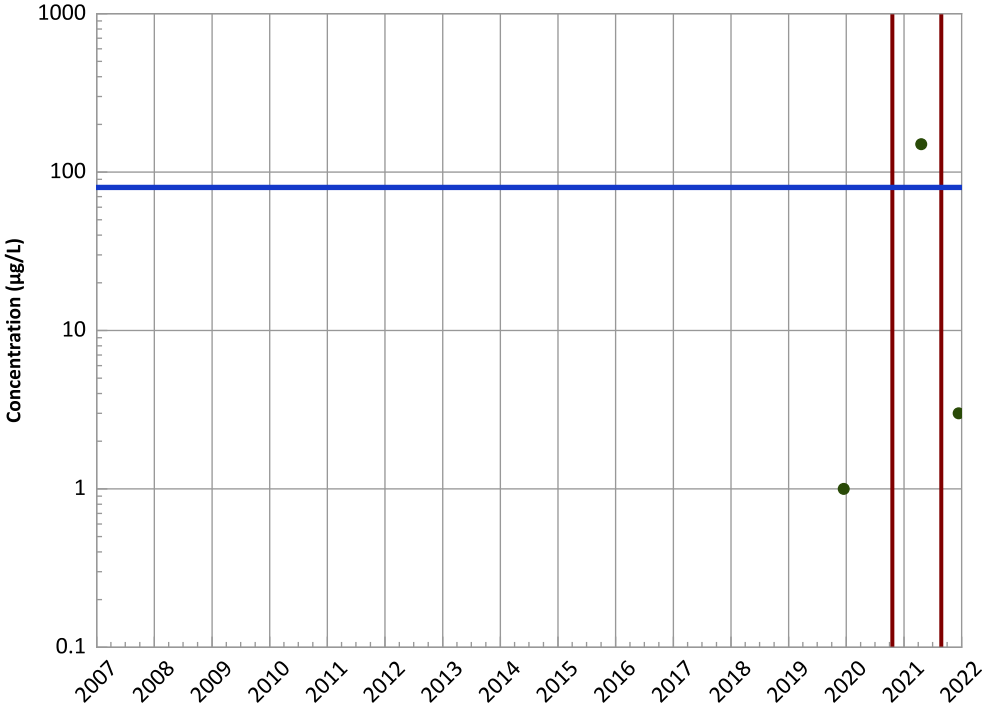
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

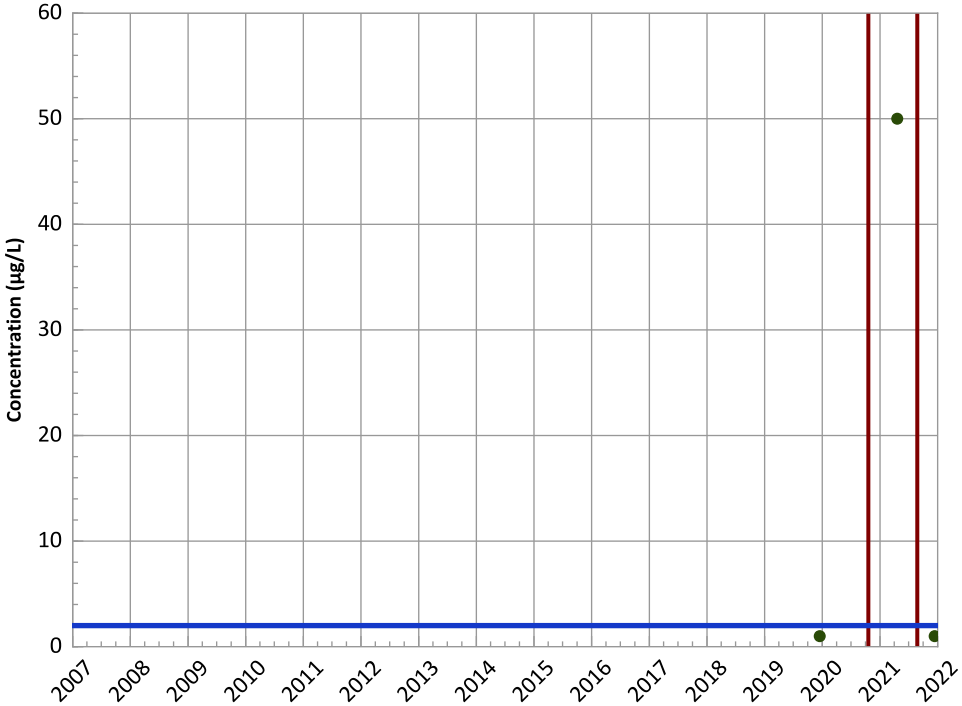


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Vinyl Chloride Trend



Concentration Trend

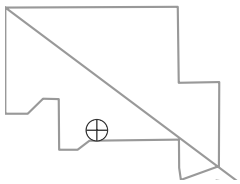
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

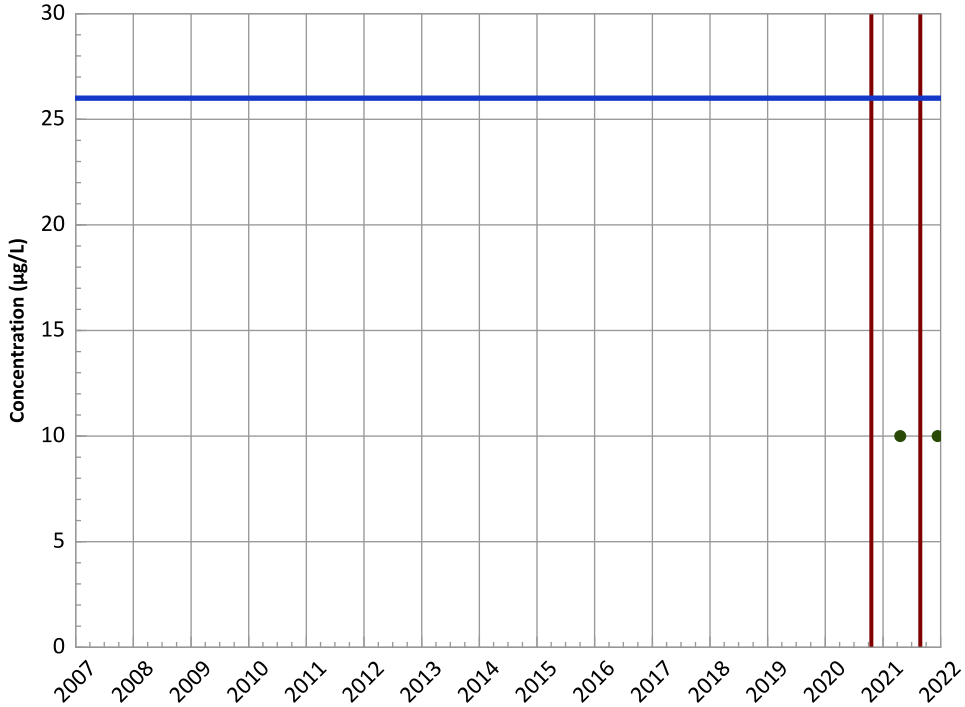
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

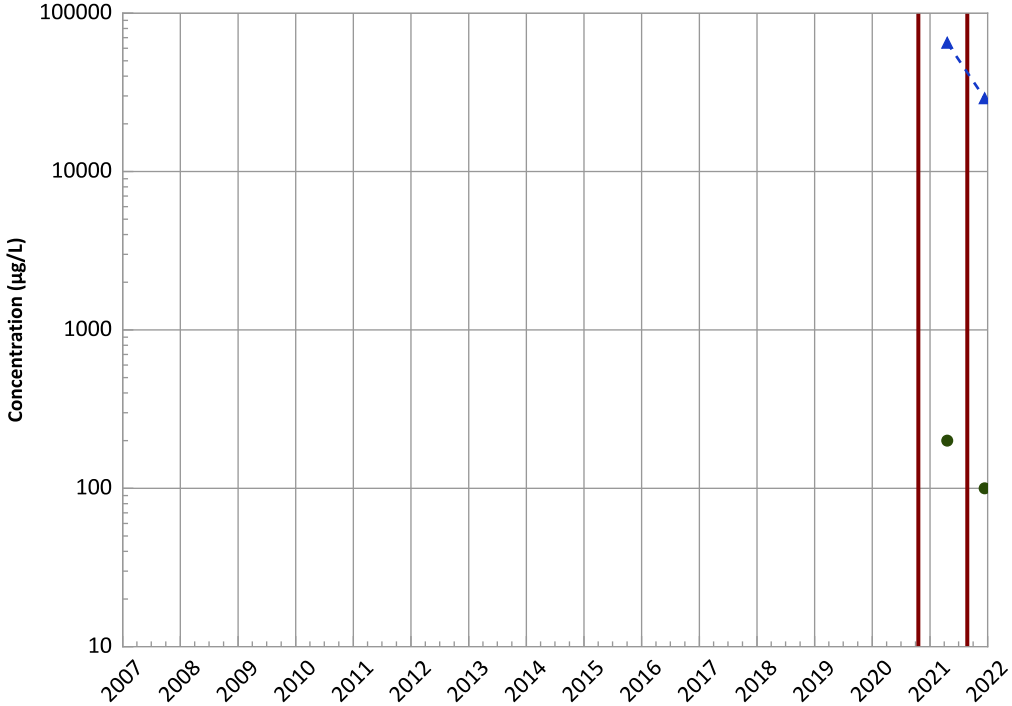


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

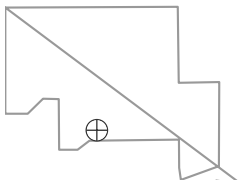
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

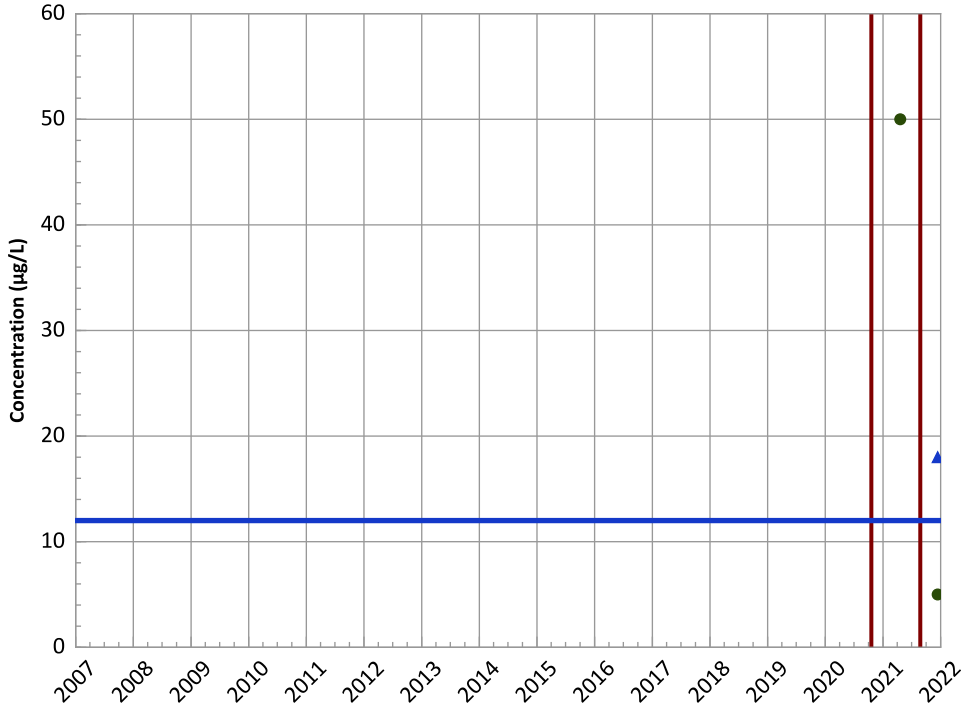
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

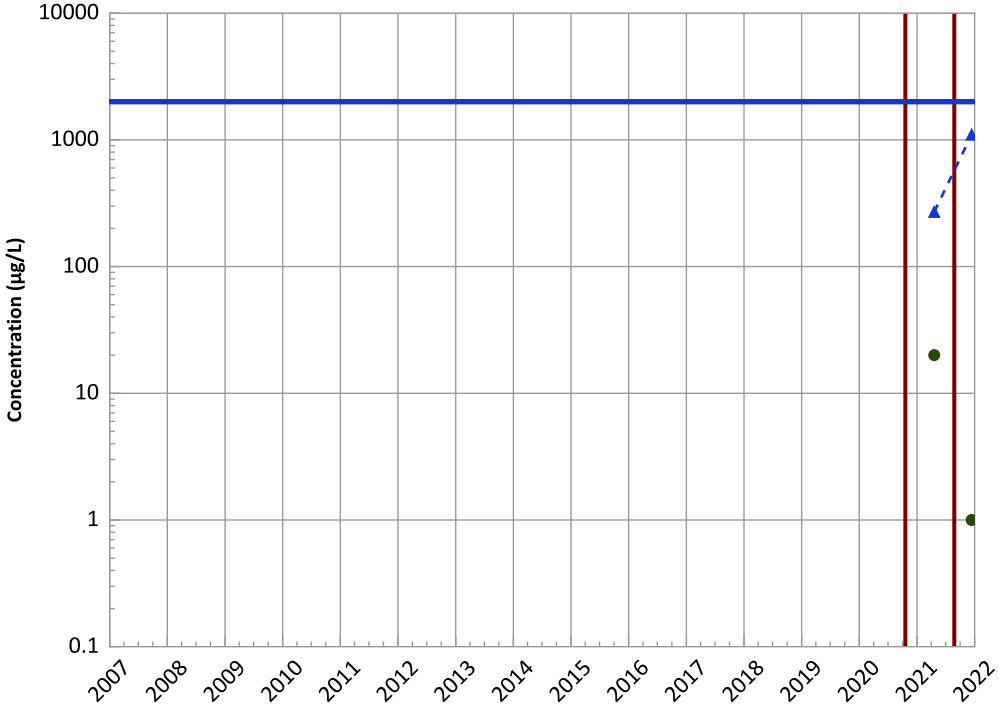


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

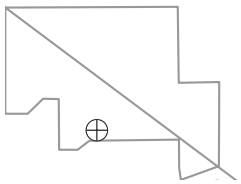
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

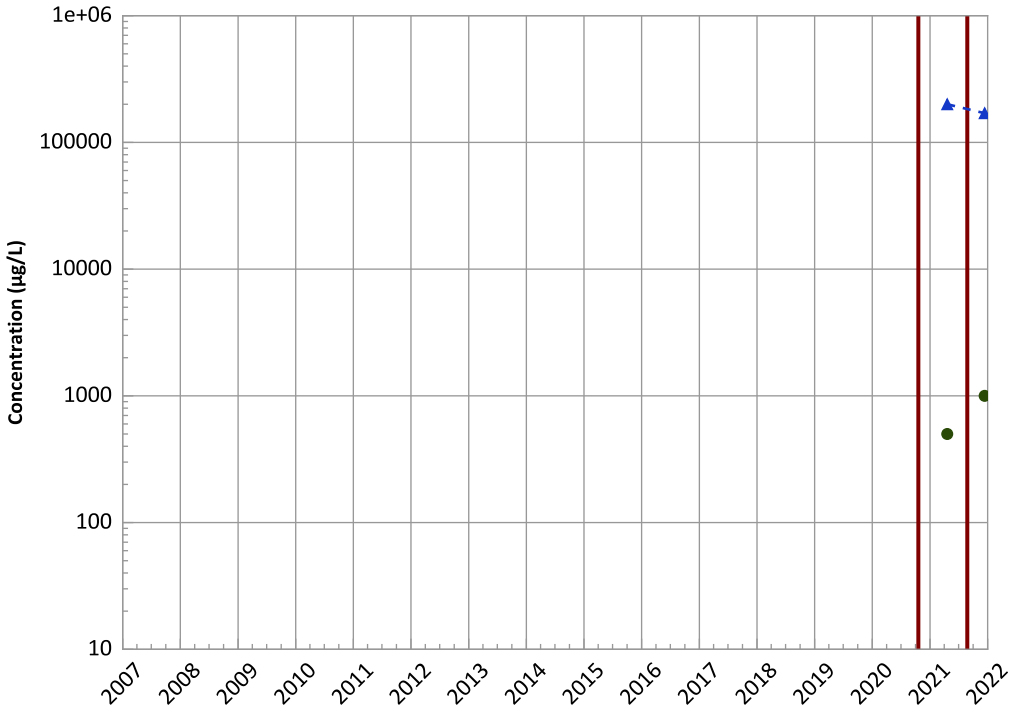
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

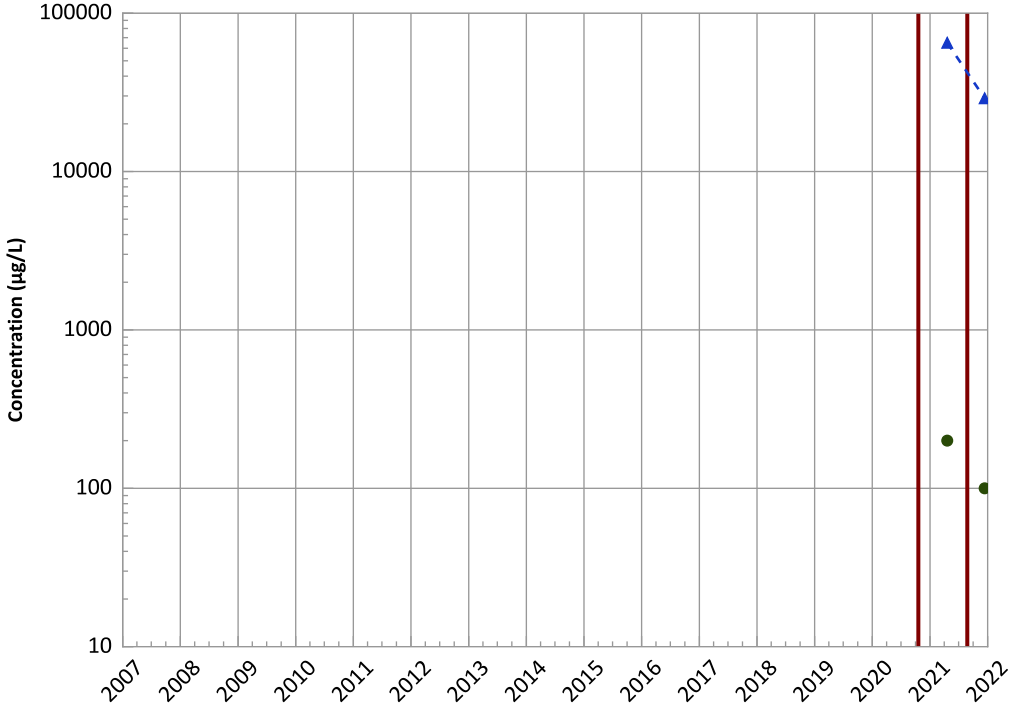


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

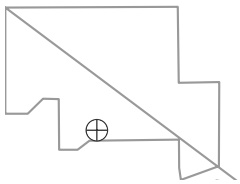
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

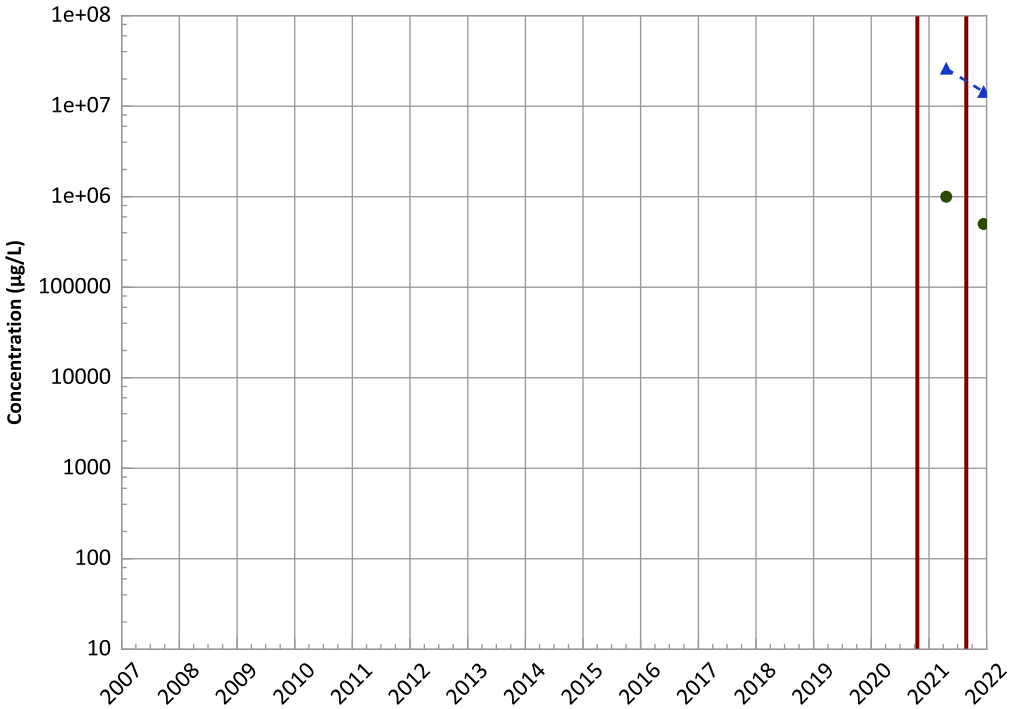
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

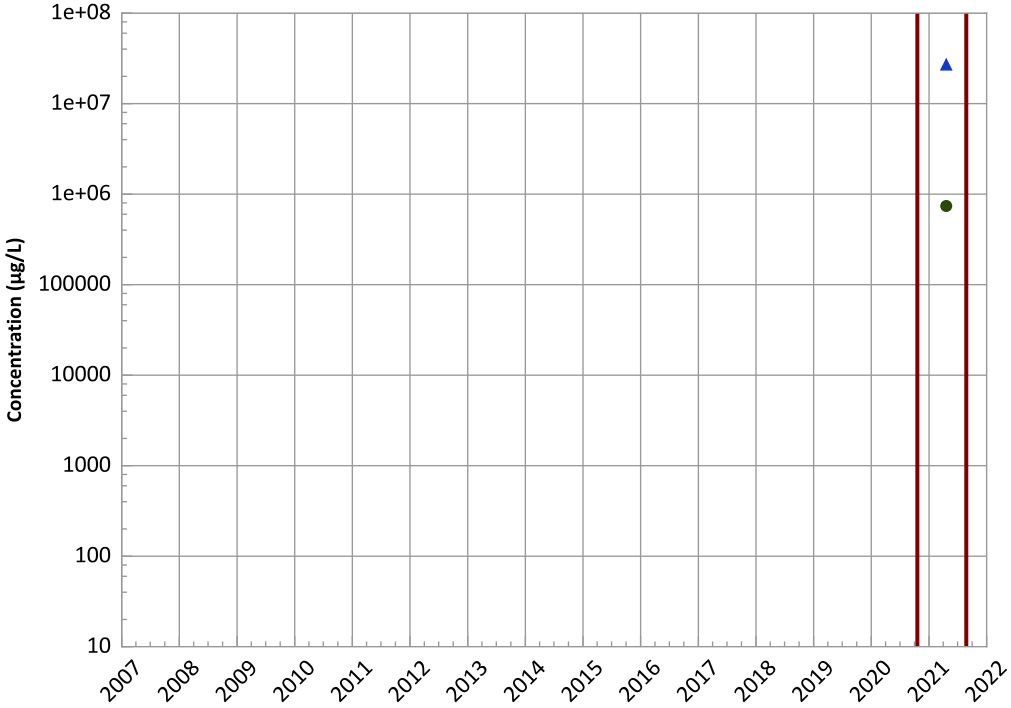


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

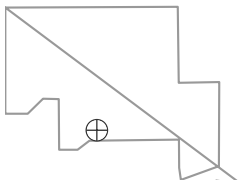
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

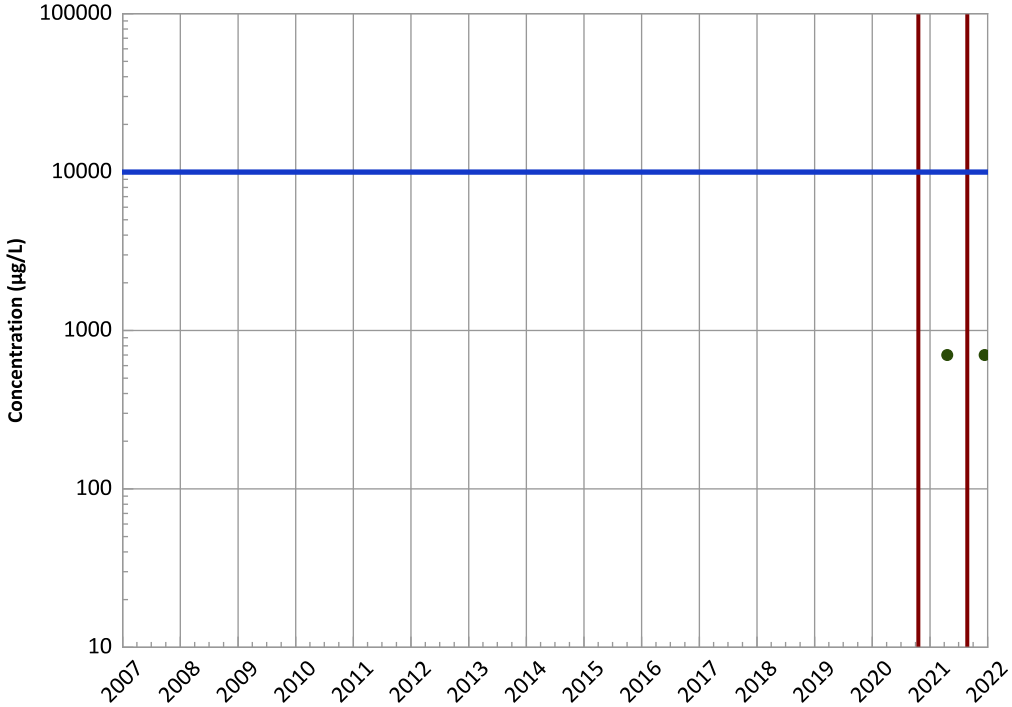
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

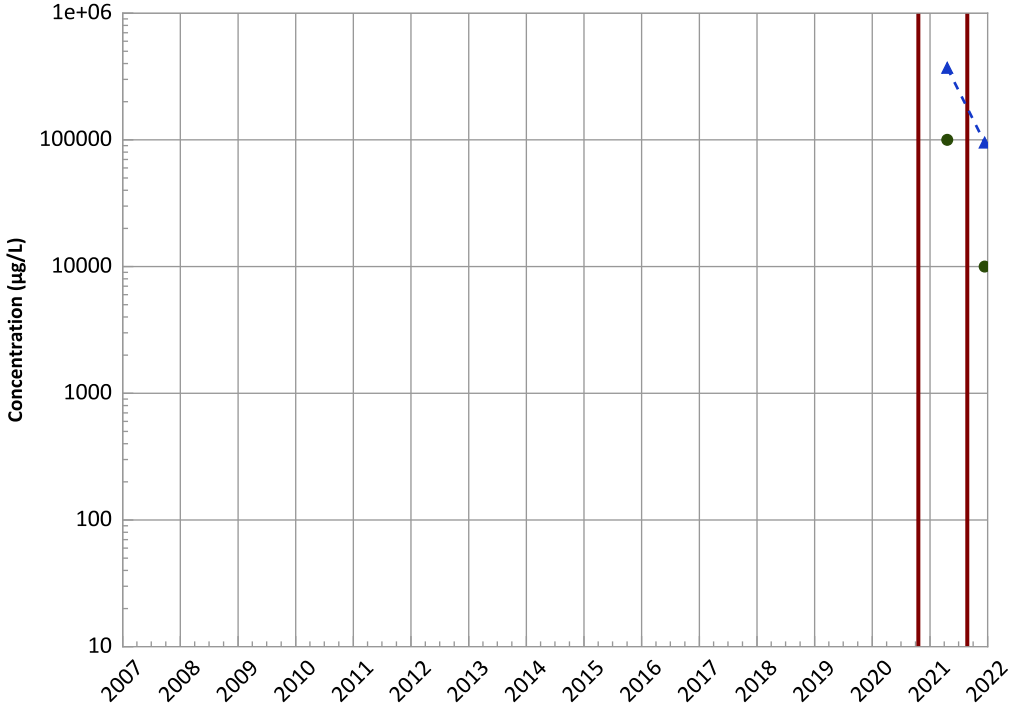


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Sulfate (as SO4) Trend



Concentration Trend

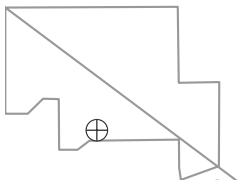
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

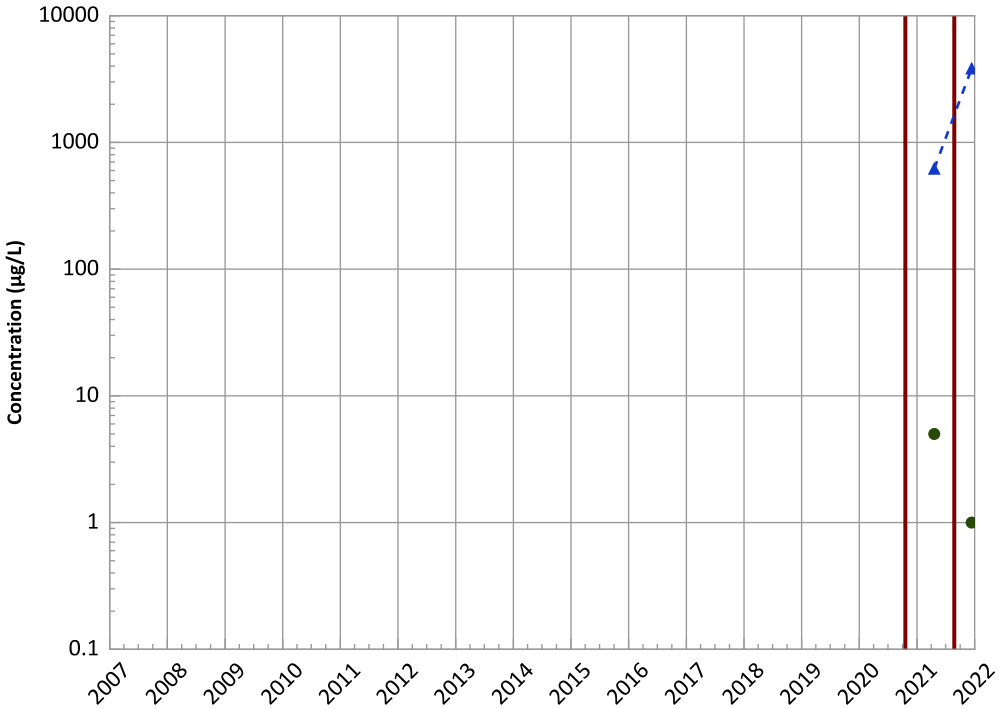
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Methane Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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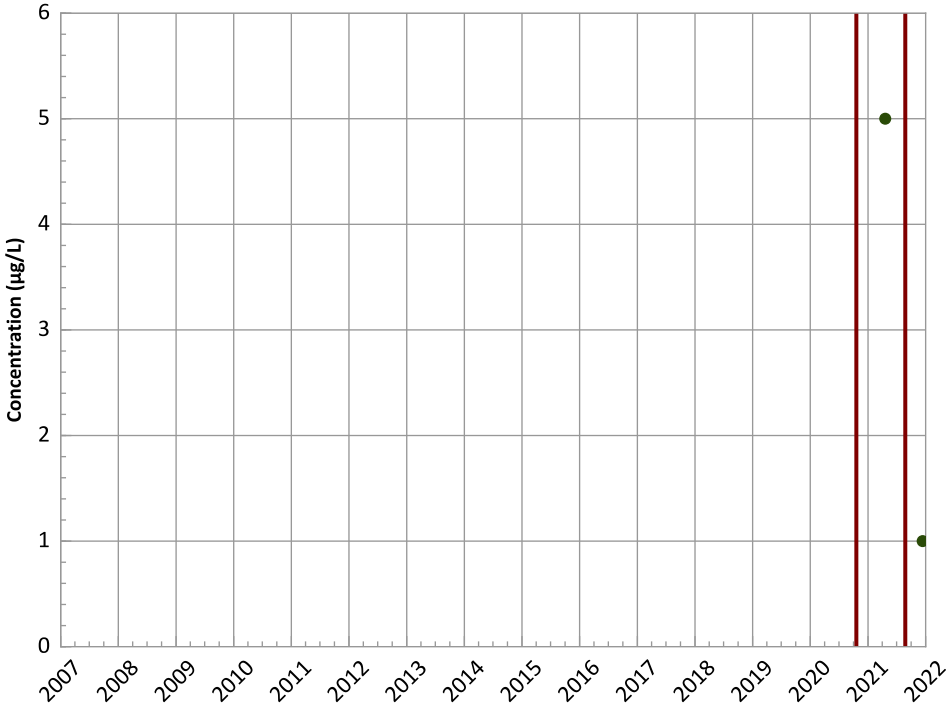
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Ethane Trend

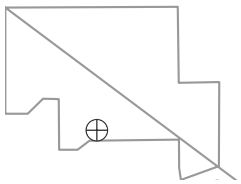


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location

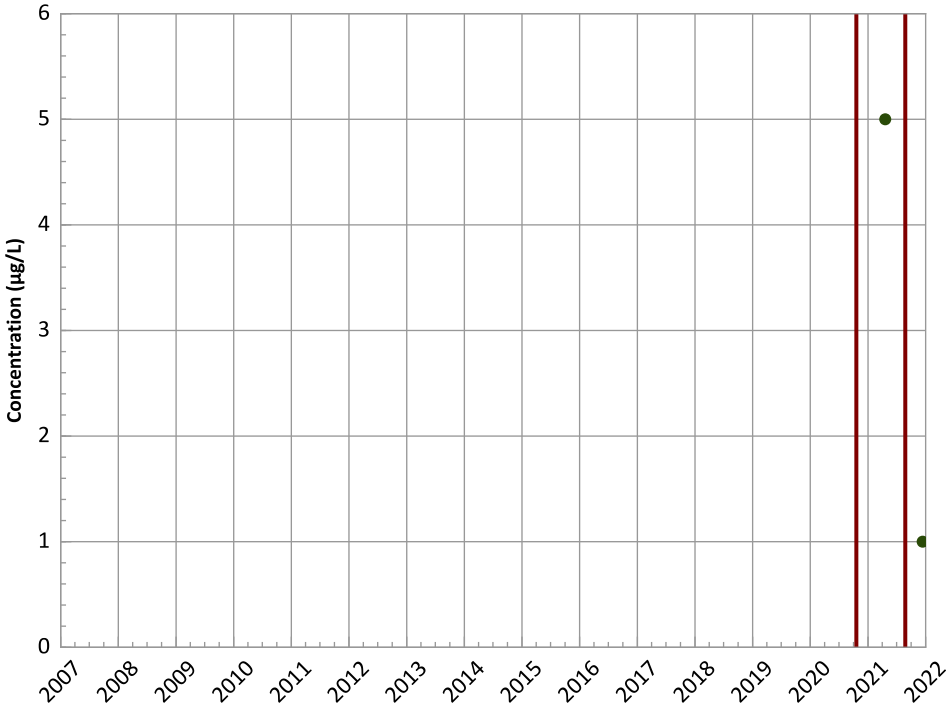


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB137 in Perched Aquifer
USDOE/NNSA Pantex Plant

Ethene (Ethylene) Trend

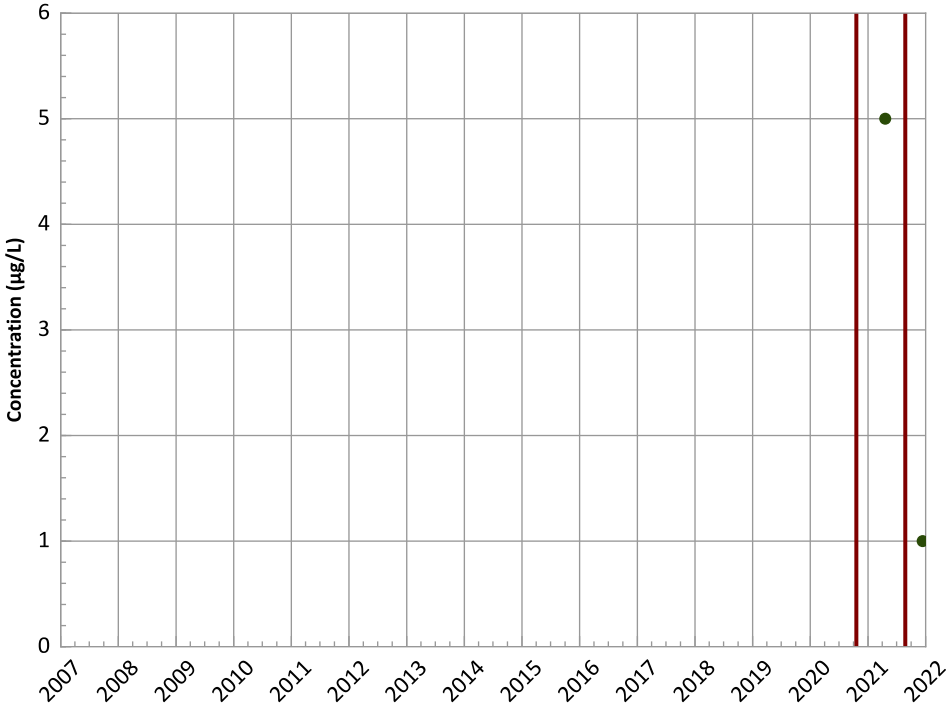


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Trend

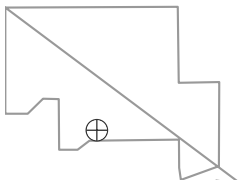


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

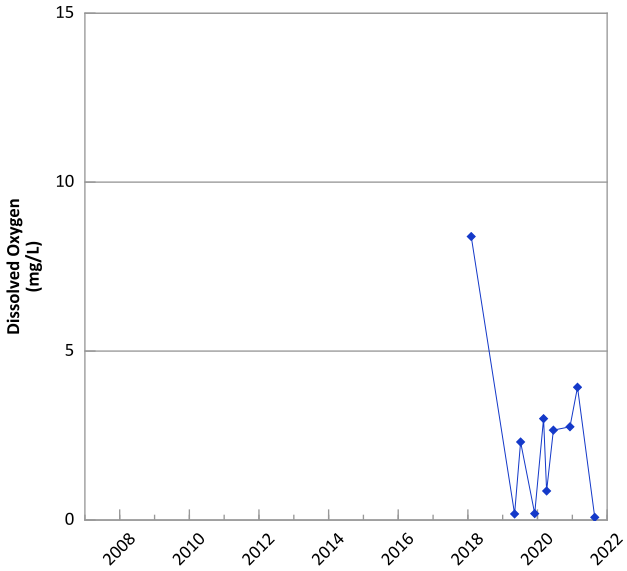
Well Location

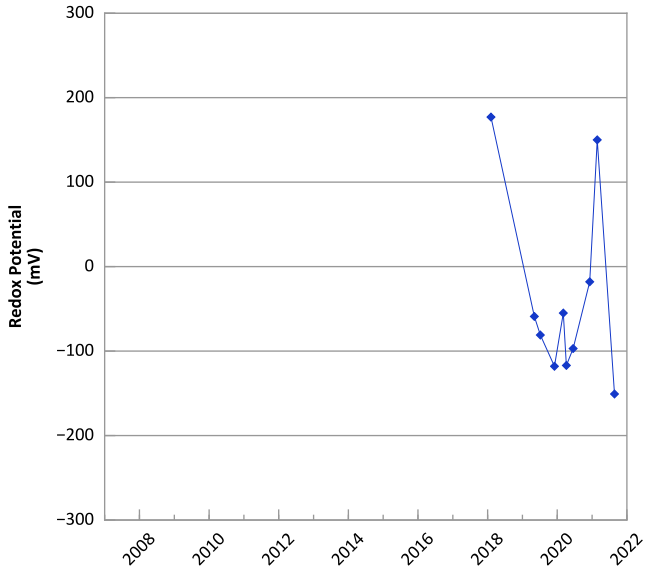


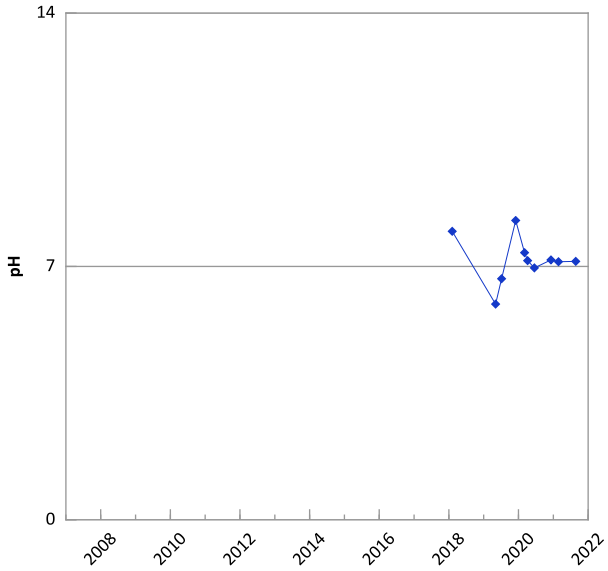
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/16/2019 to 12/13/2021
Analysis Date: 05/26/2022

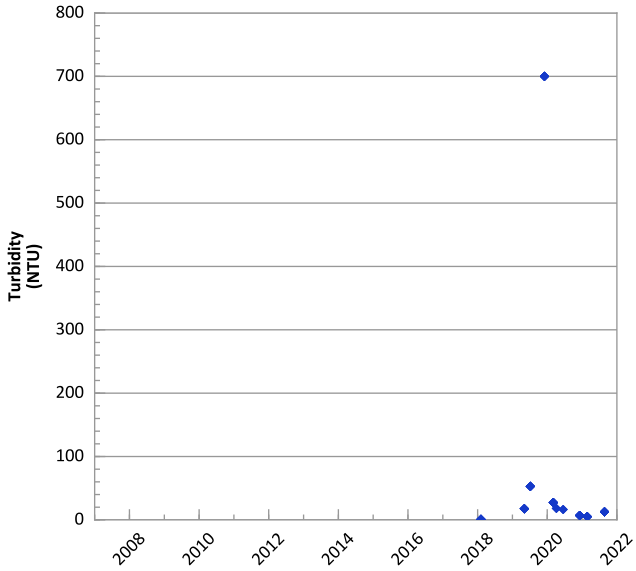
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



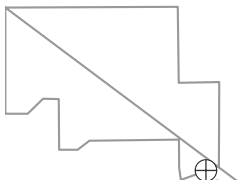






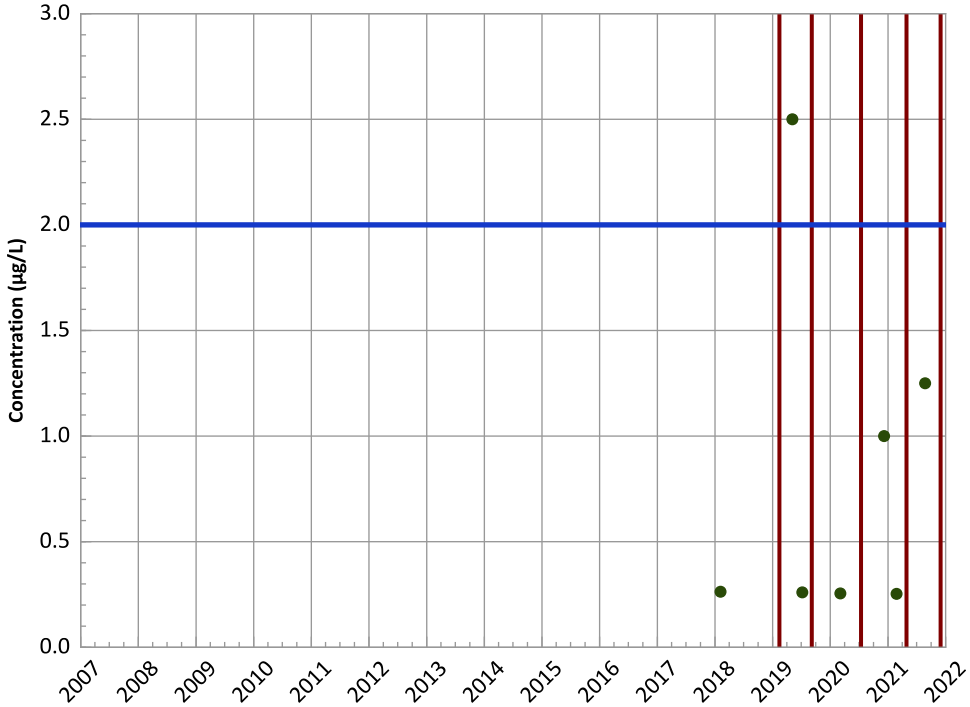
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

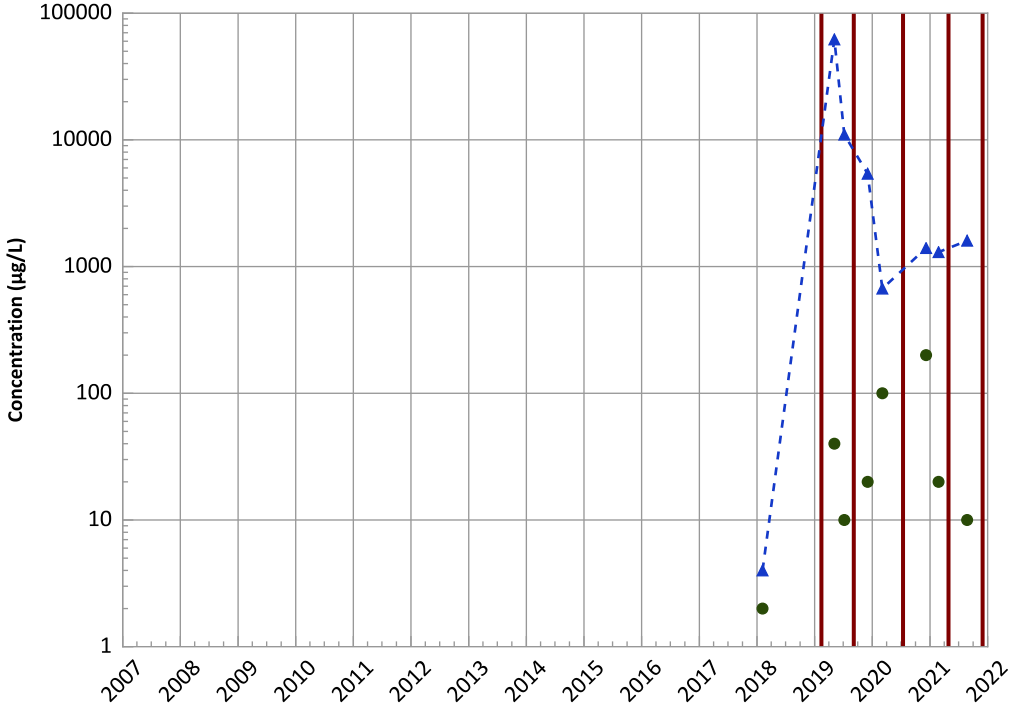


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Manganese Trend



Concentration Trend

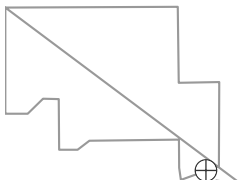
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

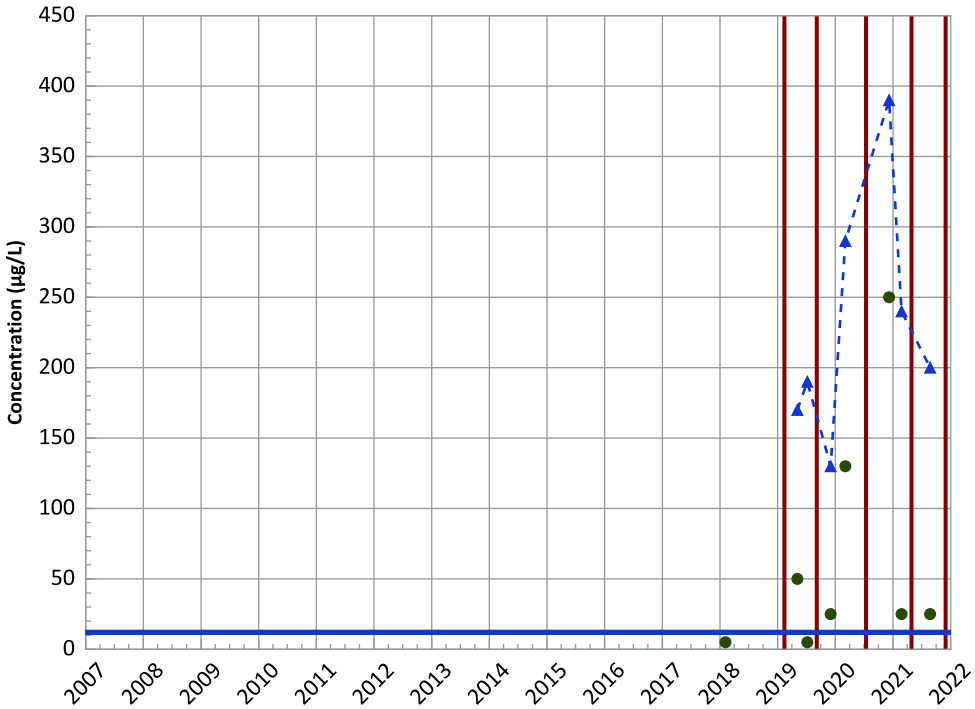
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

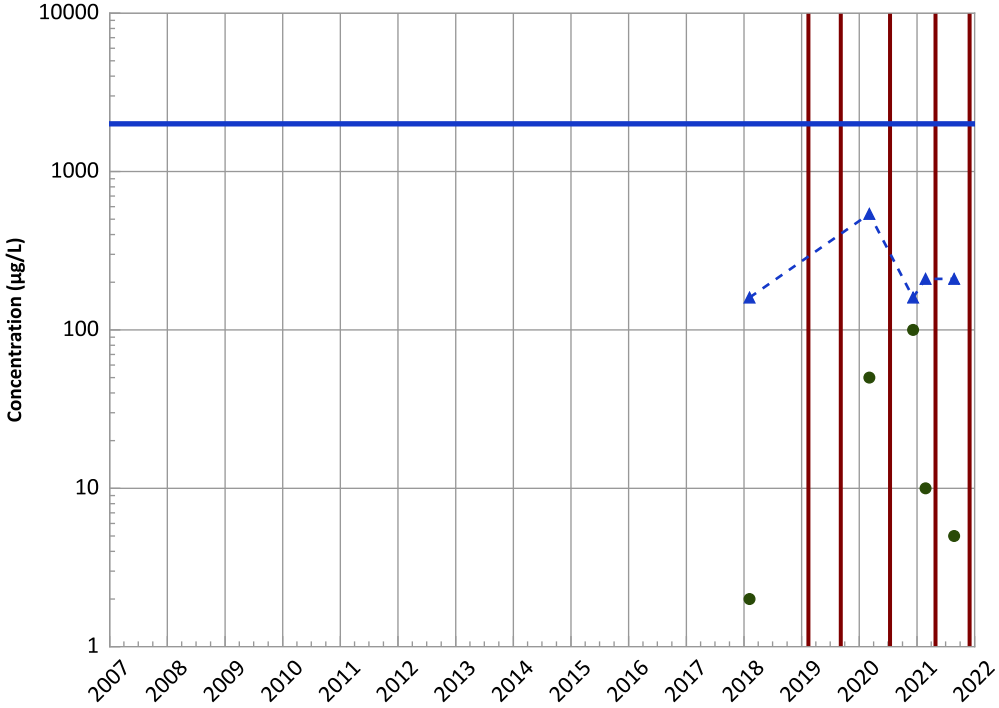


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Decreasing

Barium Trend



Concentration Trend

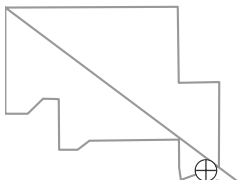
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

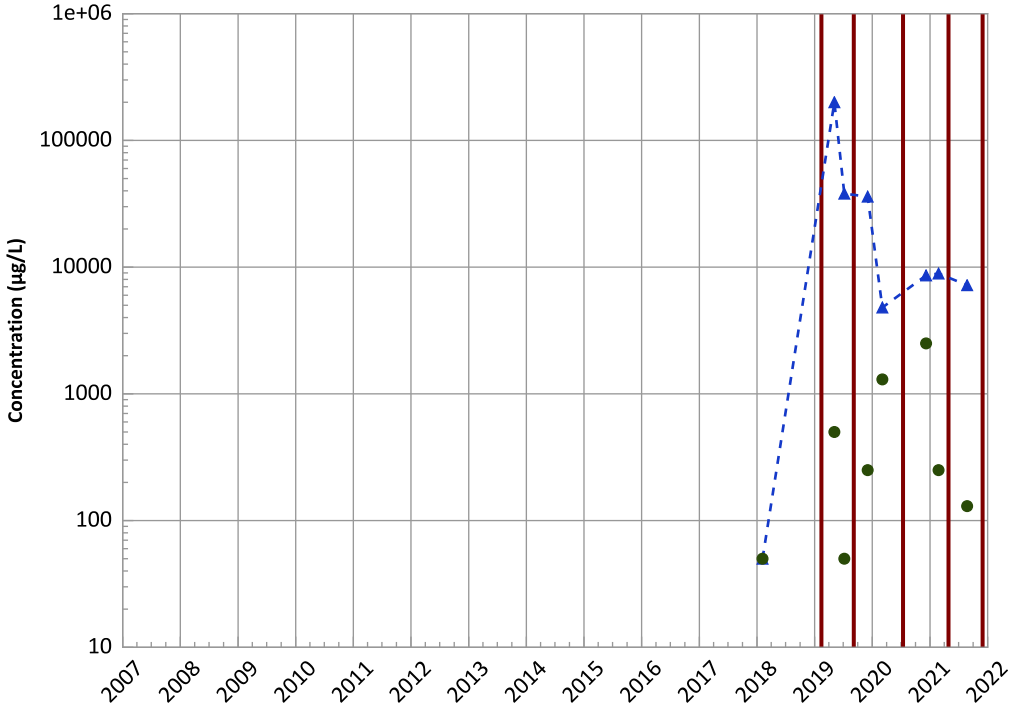
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

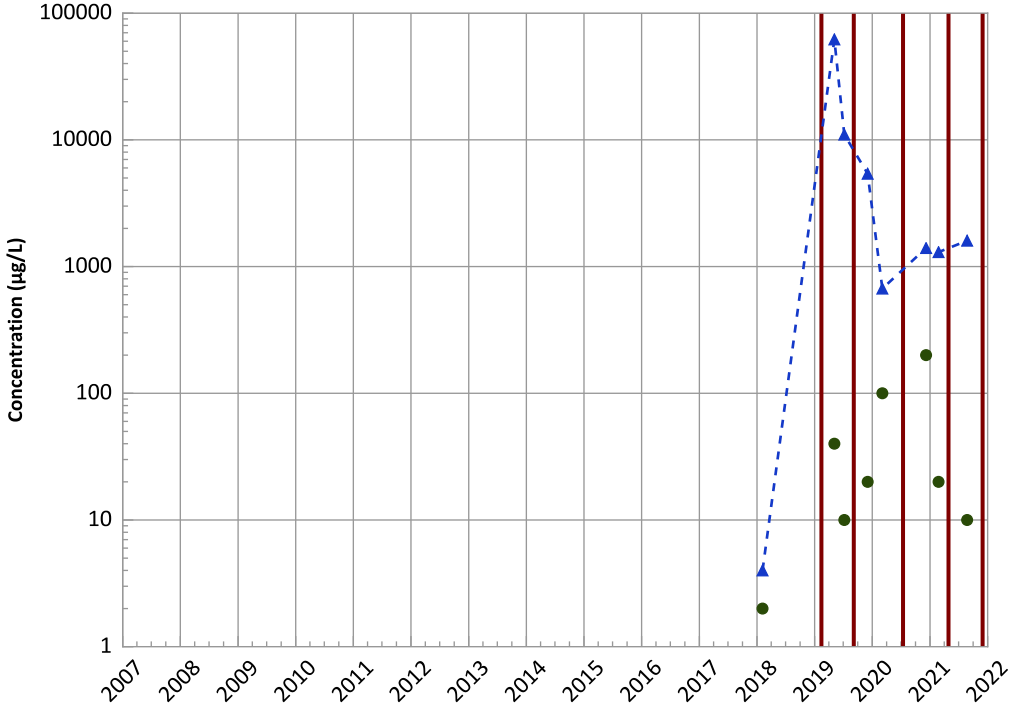


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Increasing

Manganese Trend



Concentration Trend

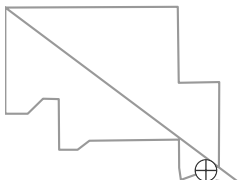
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing' 'Decreasing
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

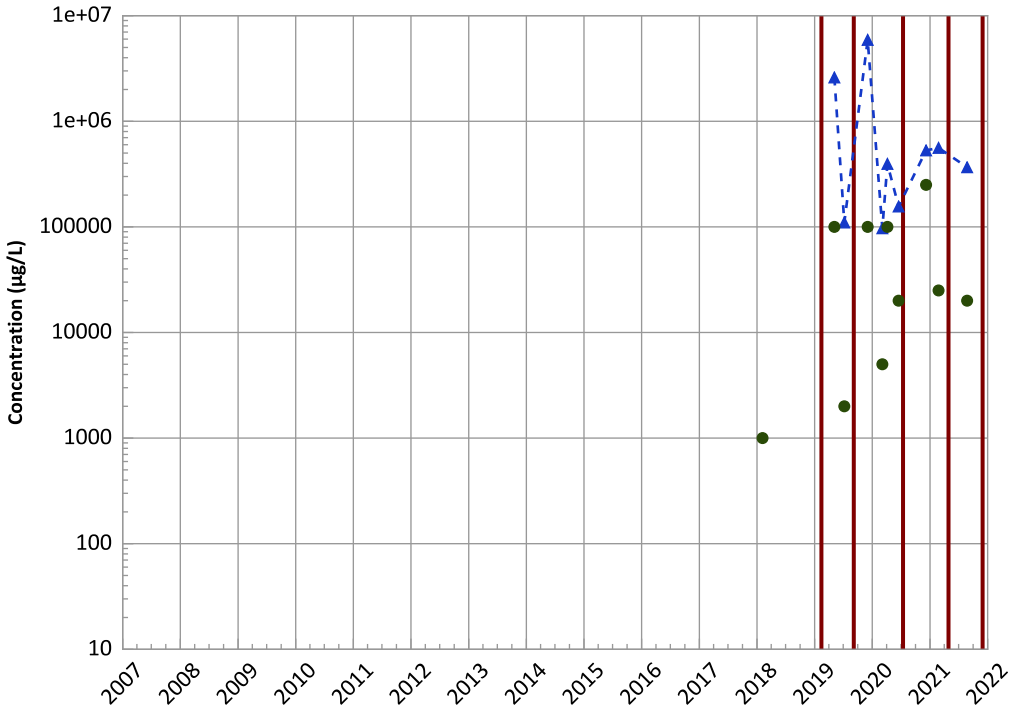
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

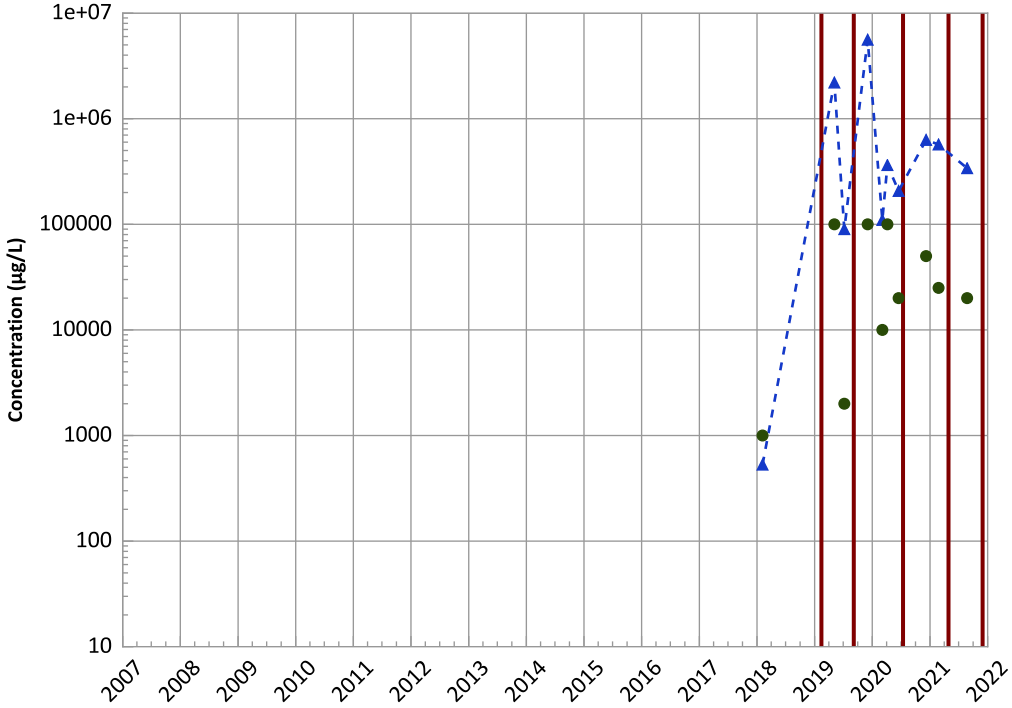


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

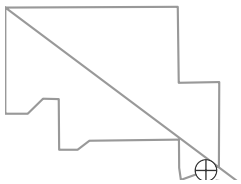
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

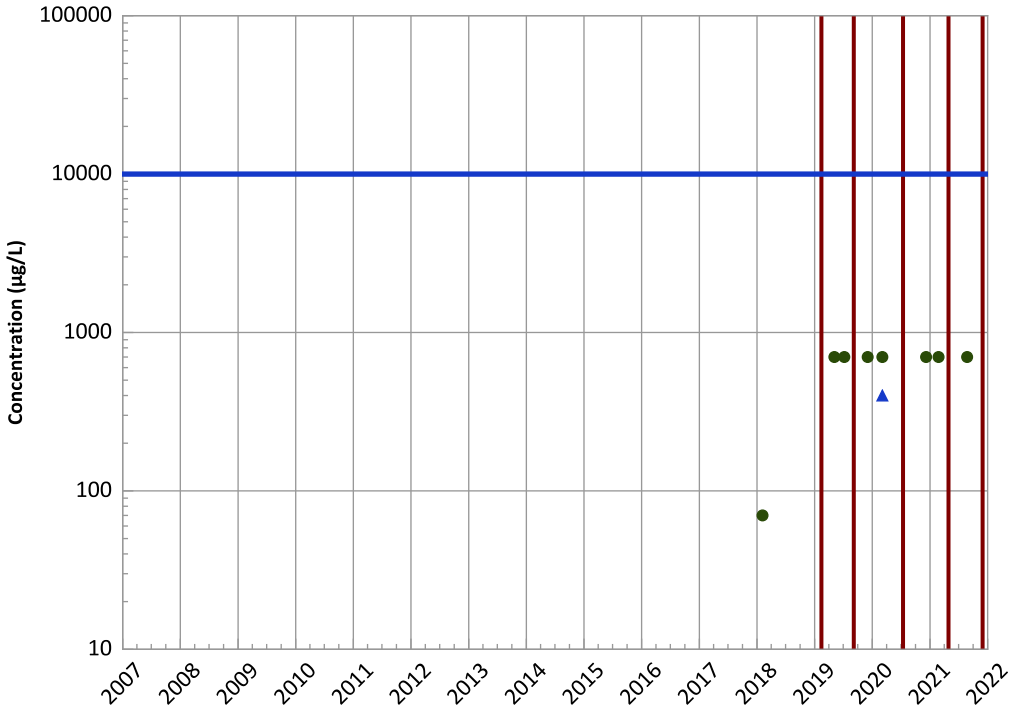
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB302 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

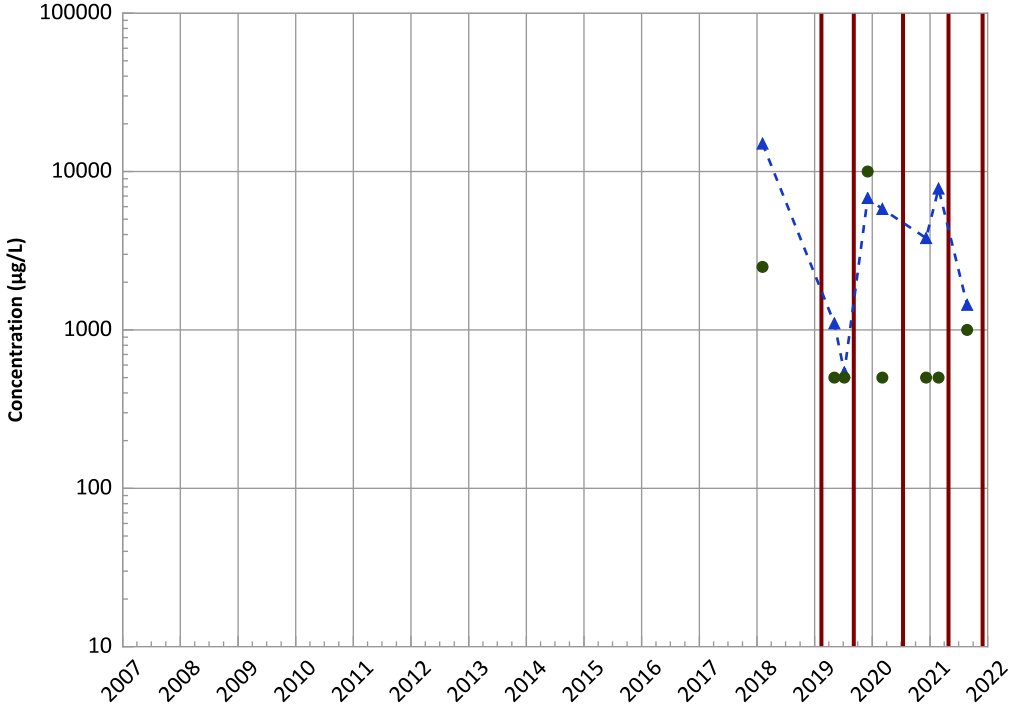


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

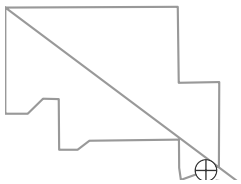
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Stable

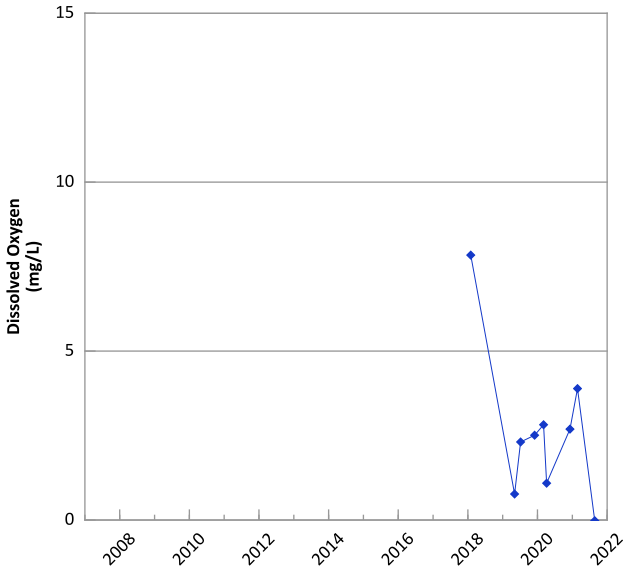
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 02/05/2018 to 08/24/2021
Analysis Date: 05/26/2022

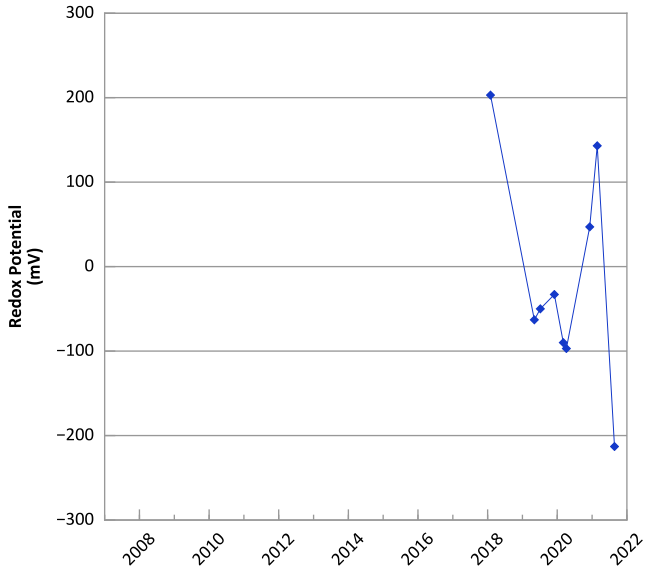
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

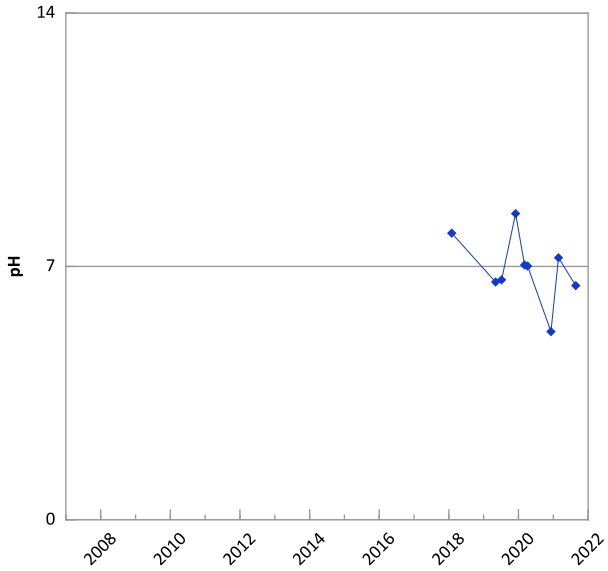
Well Location

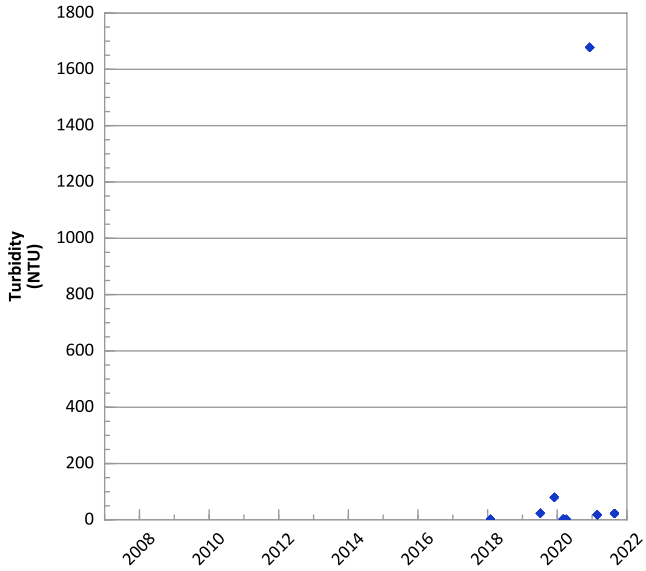


PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



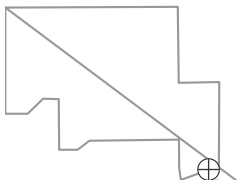






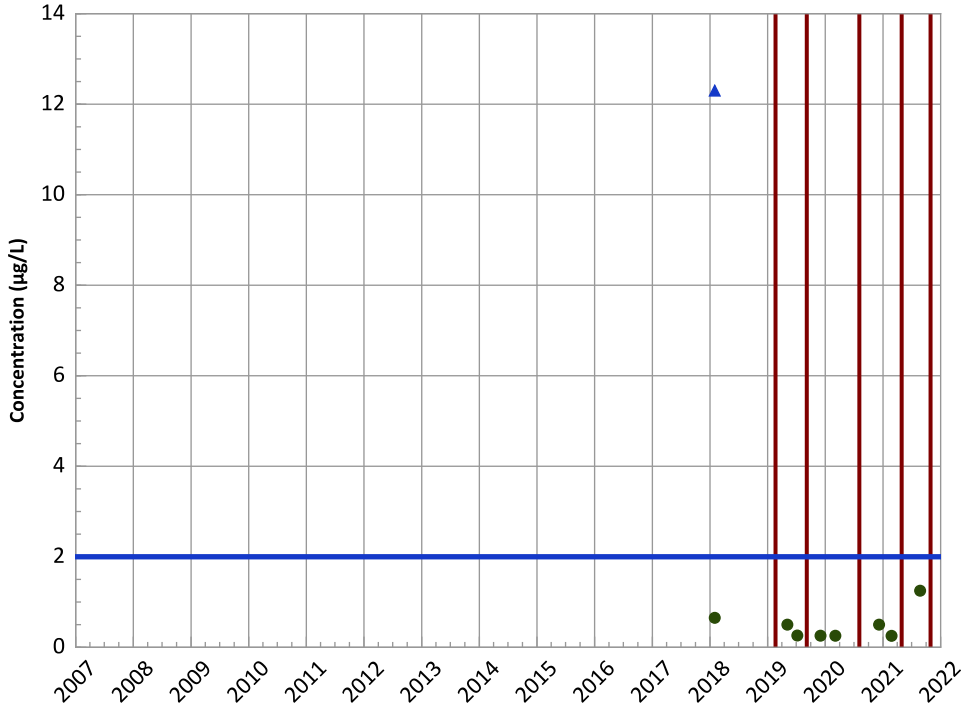
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

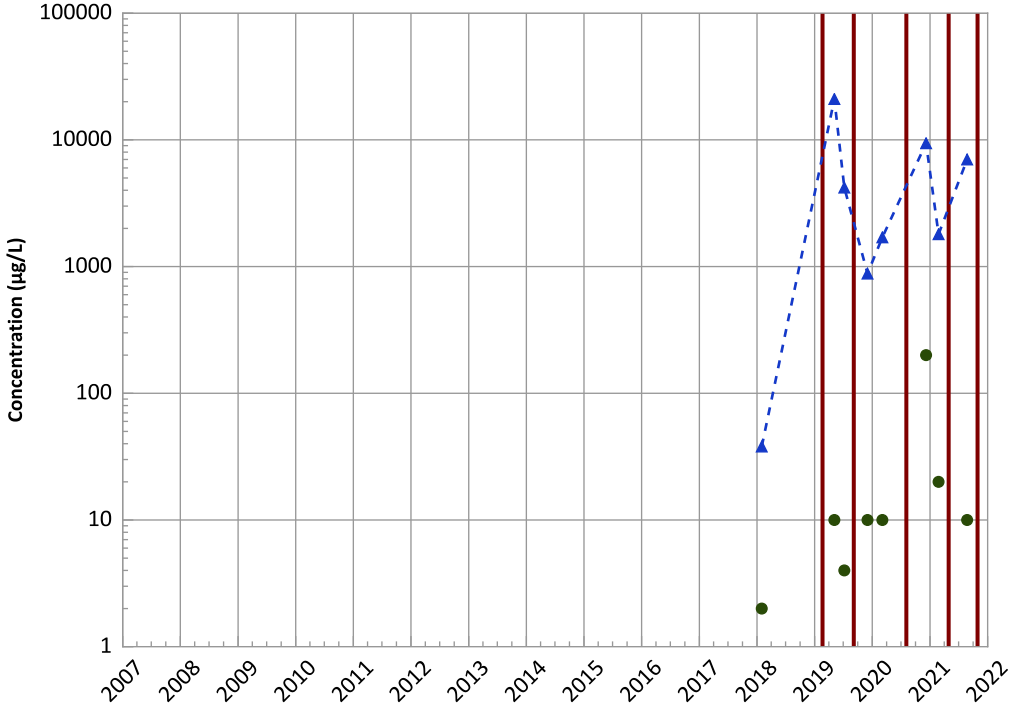


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

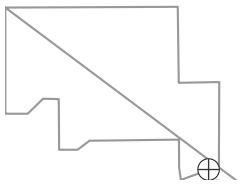
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing' 'Probably Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

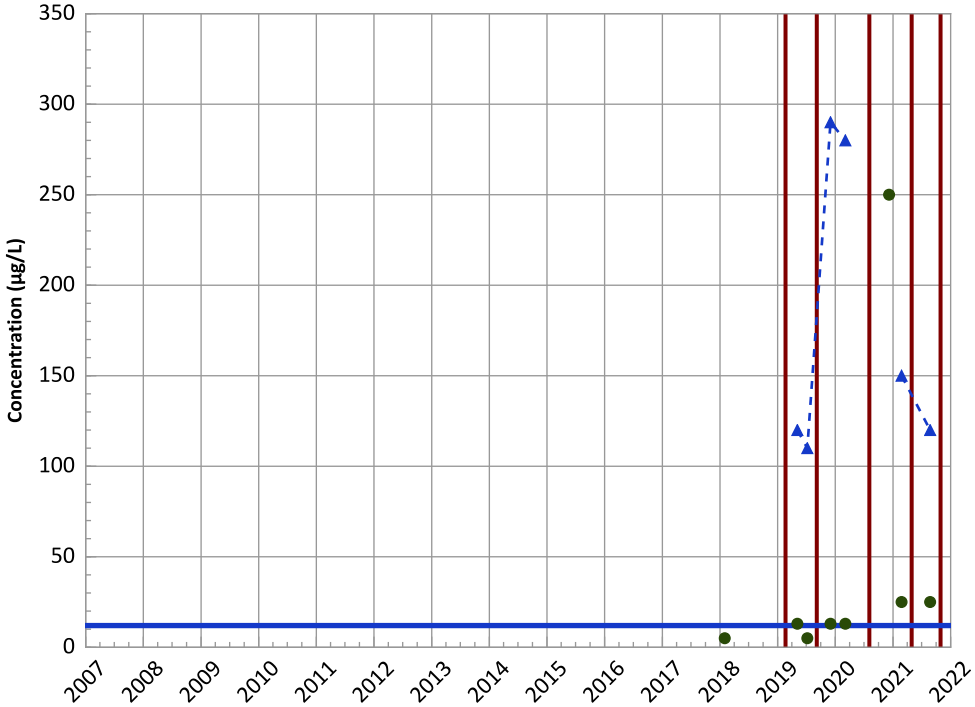
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

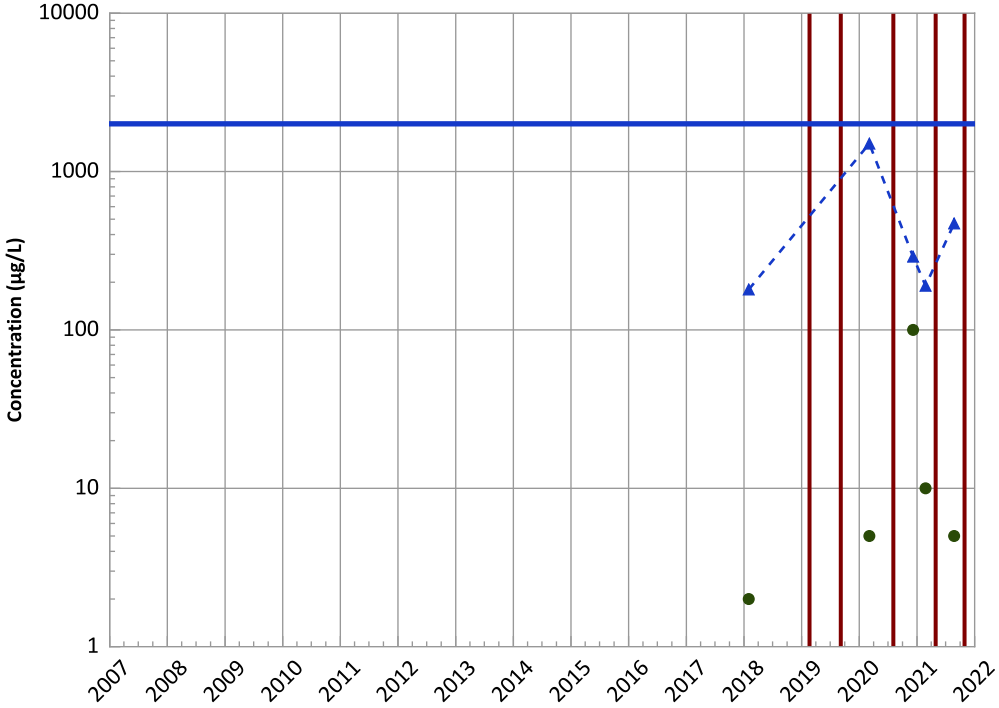


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Decreasing

Barium Trend



Concentration Trend

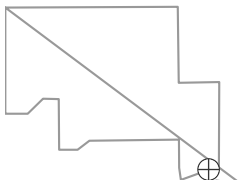
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

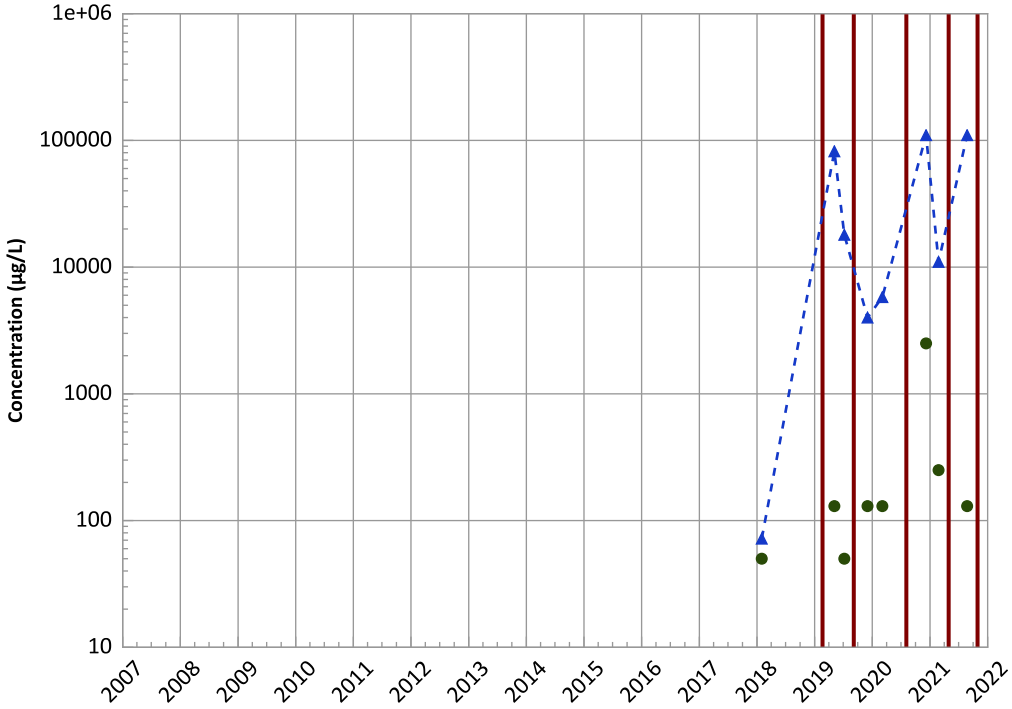
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

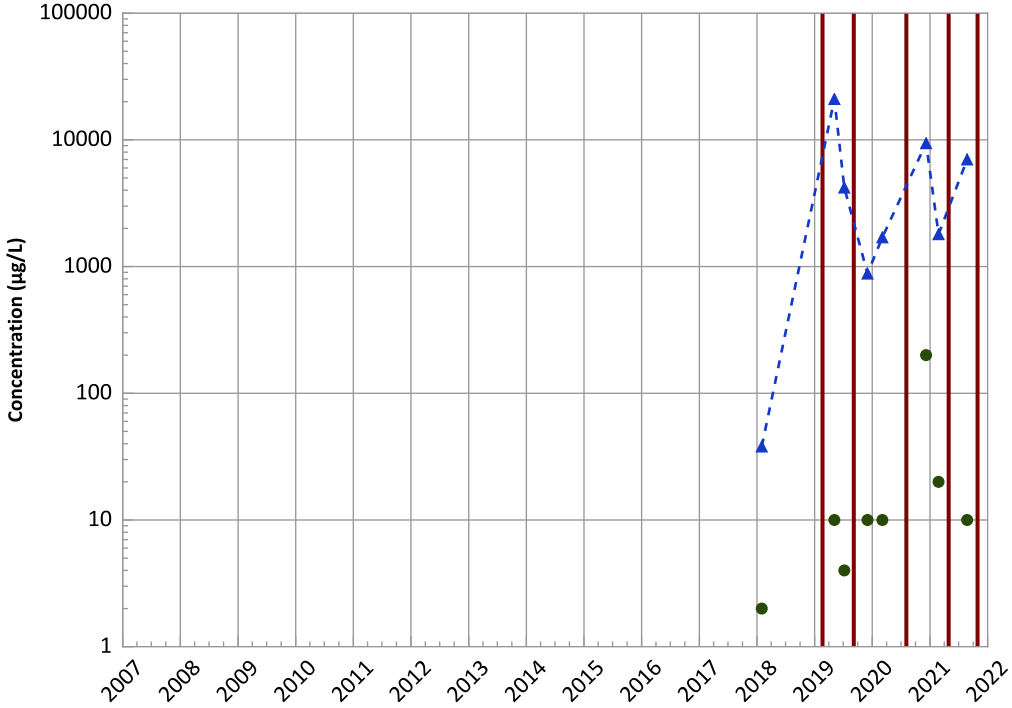


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

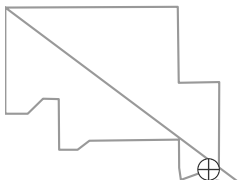
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing' 'Probably Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

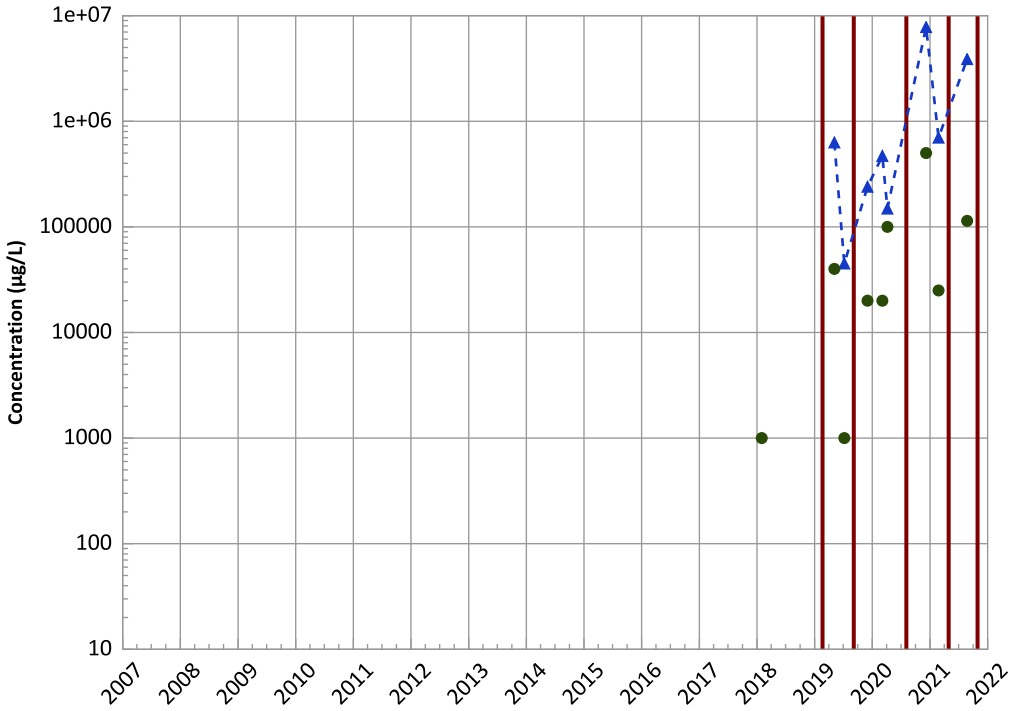
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

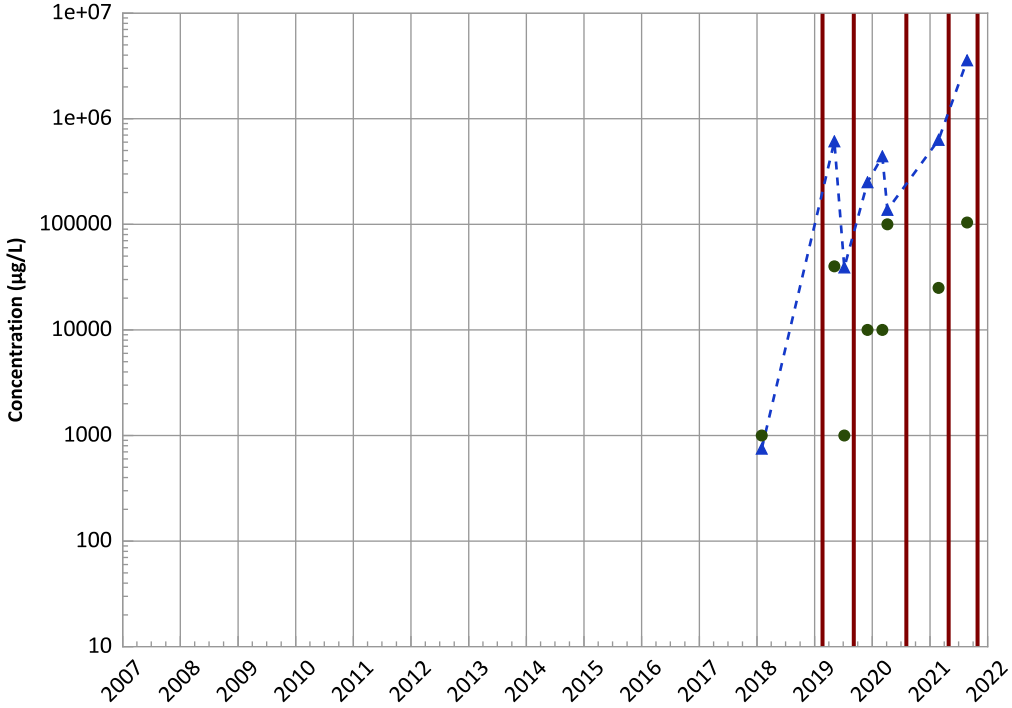


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

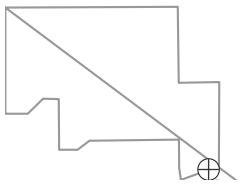
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

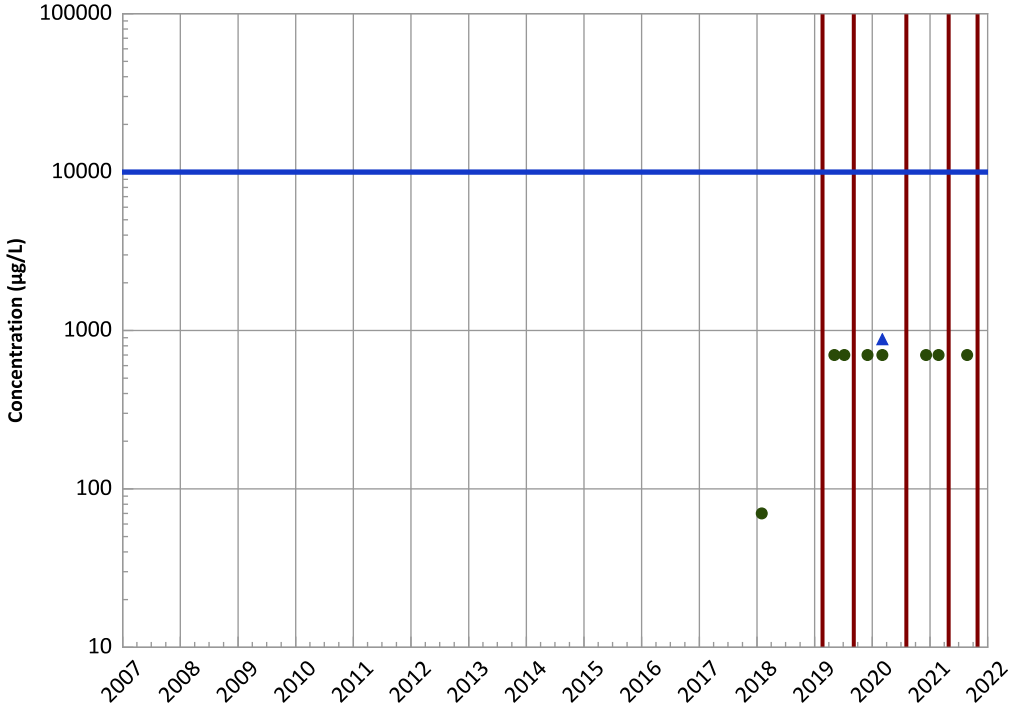
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB307 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

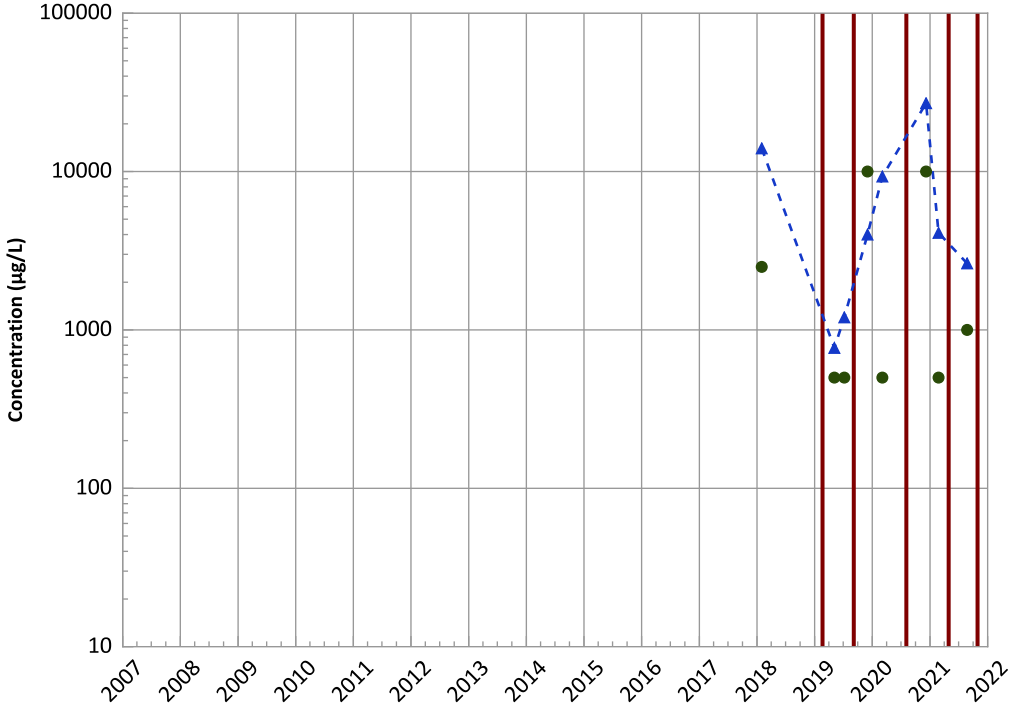


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

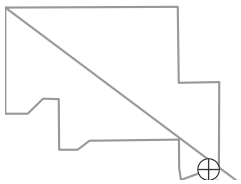
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

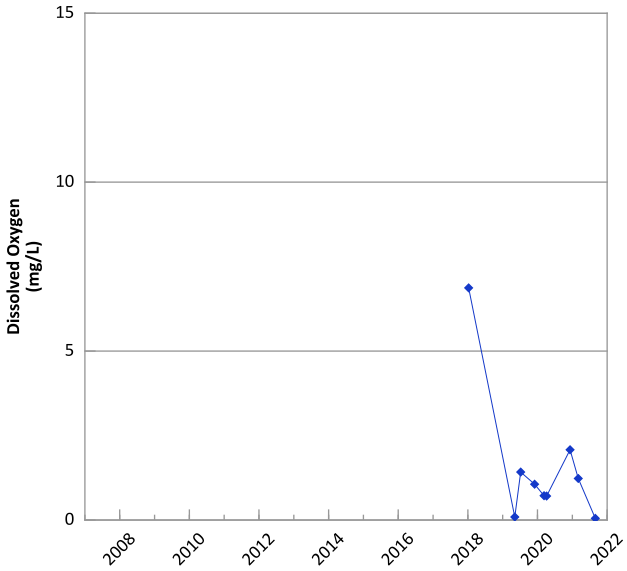
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/31/2018 to 08/24/2021
Analysis Date: 05/26/2022

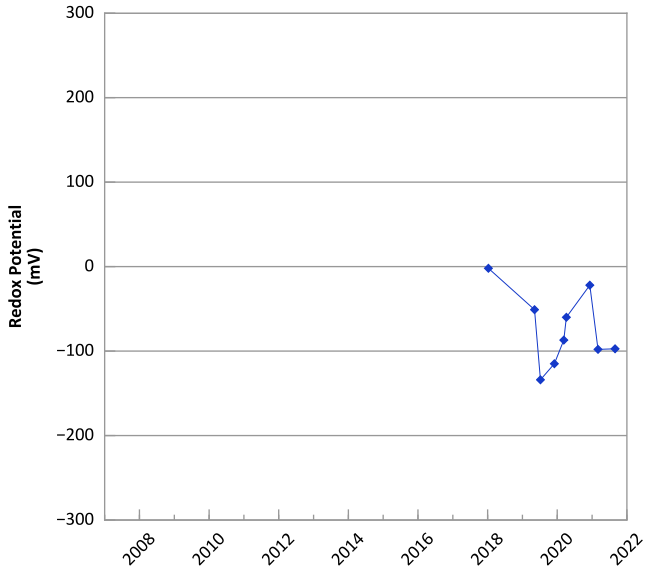
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

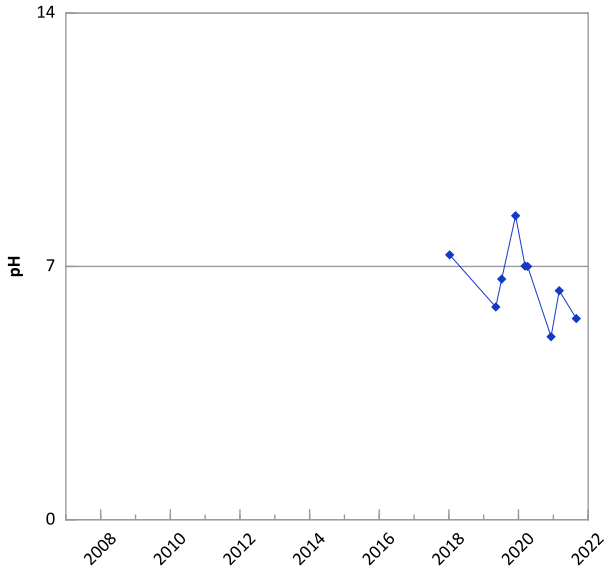
Well Location

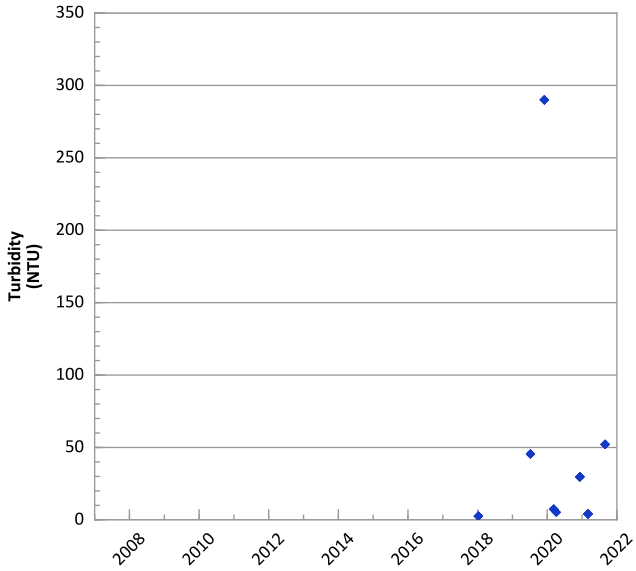


PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



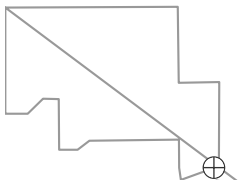






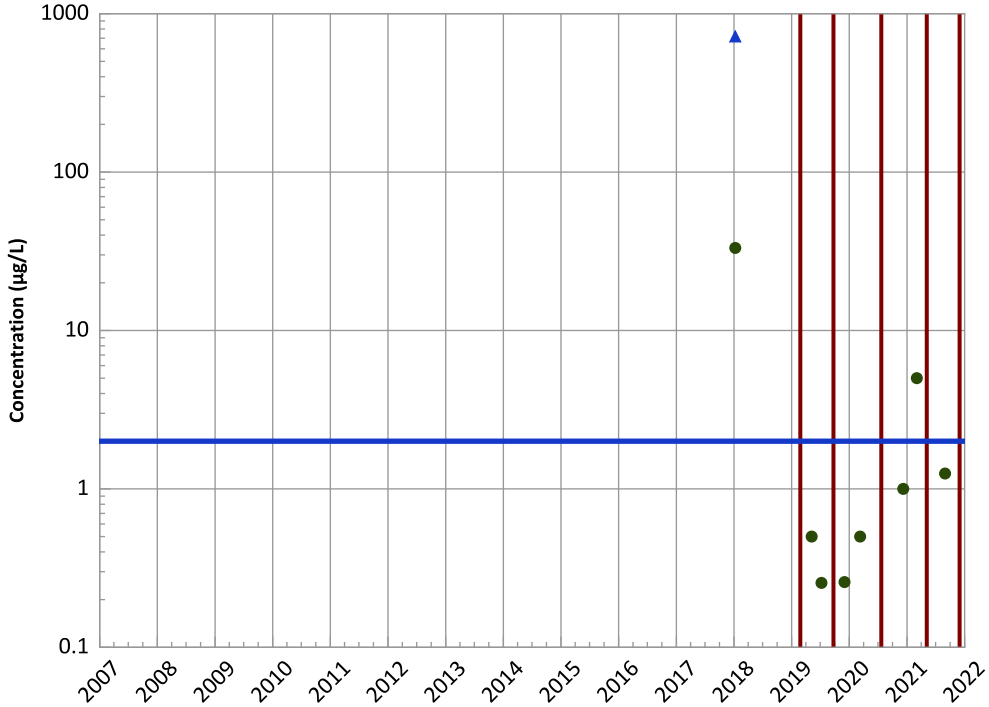
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

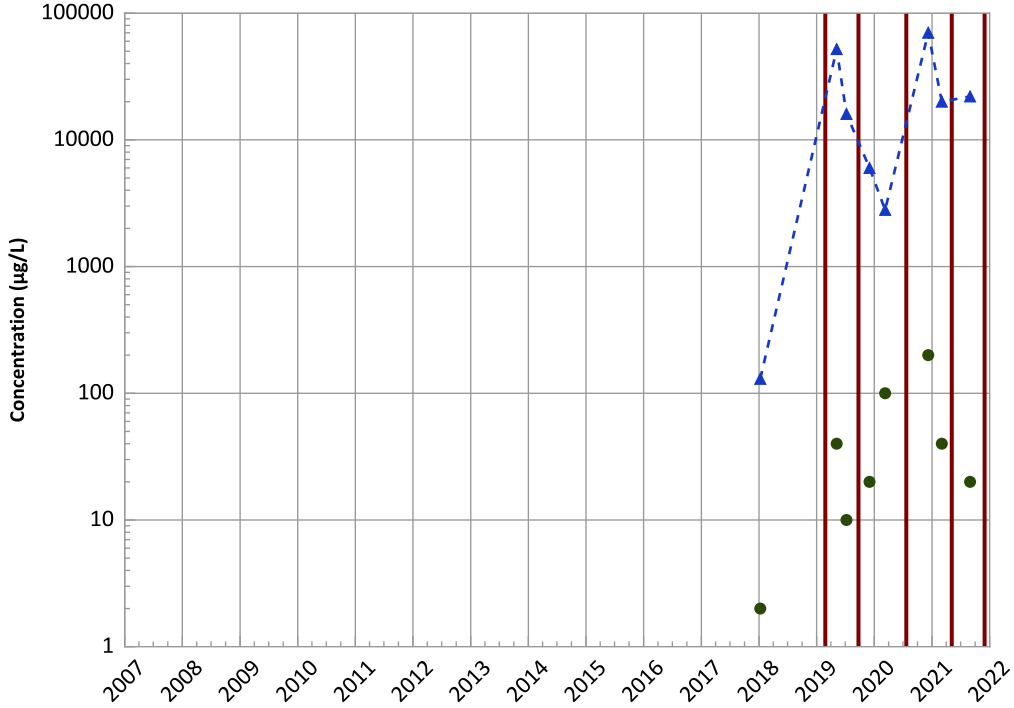


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

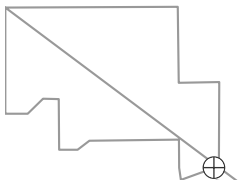
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

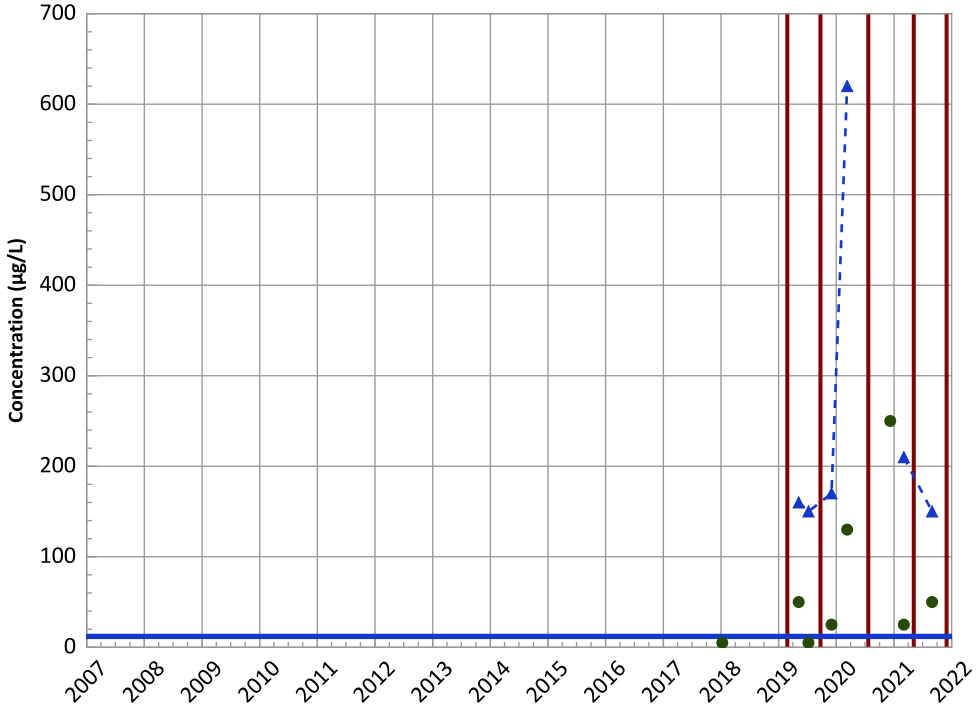
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

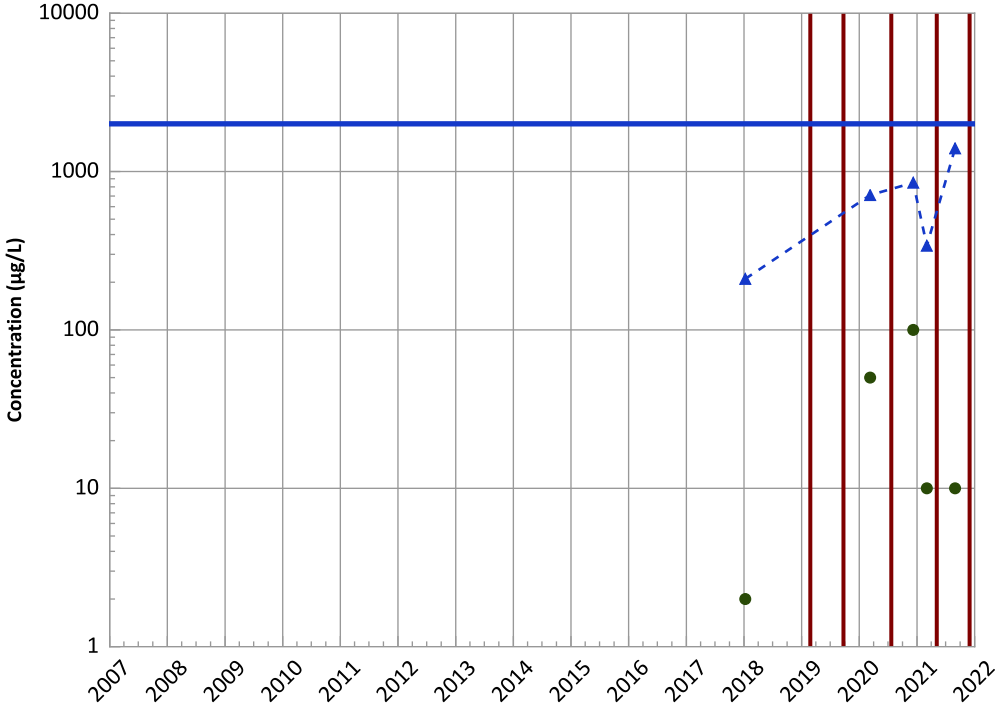


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

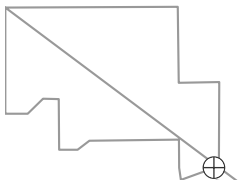
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

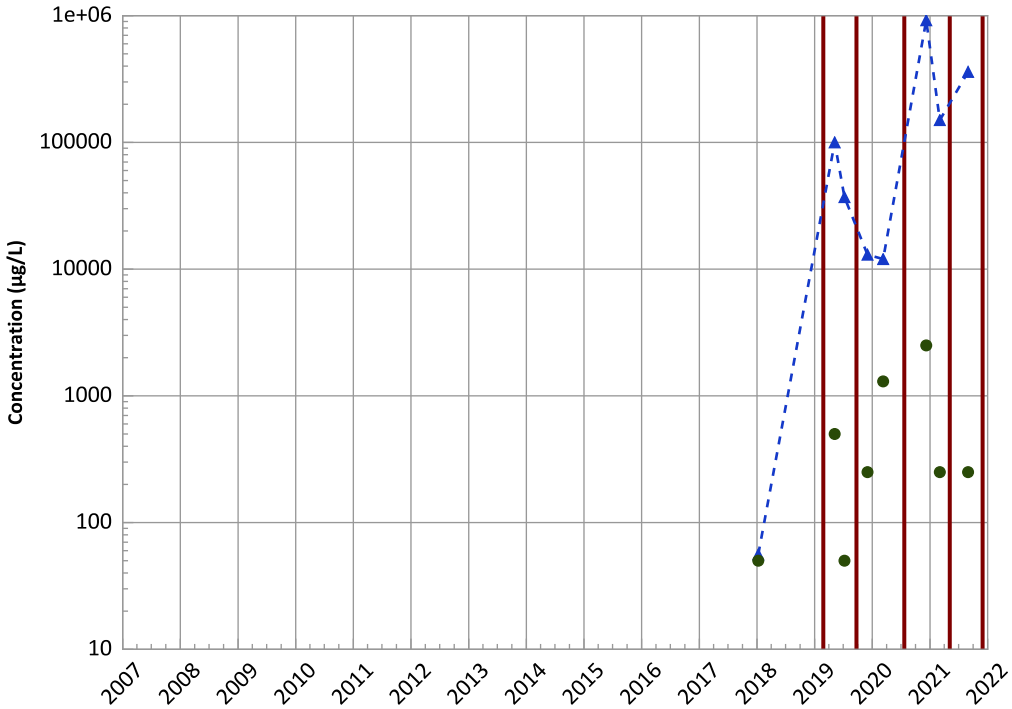
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

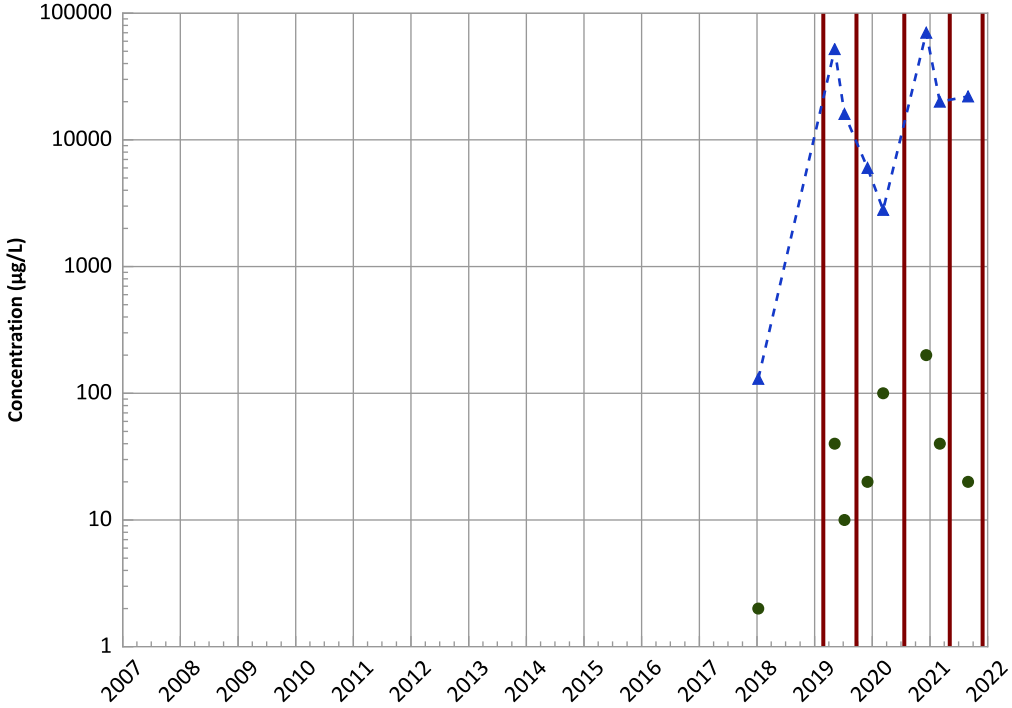


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Manganese Trend



Concentration Trend

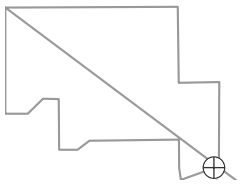
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

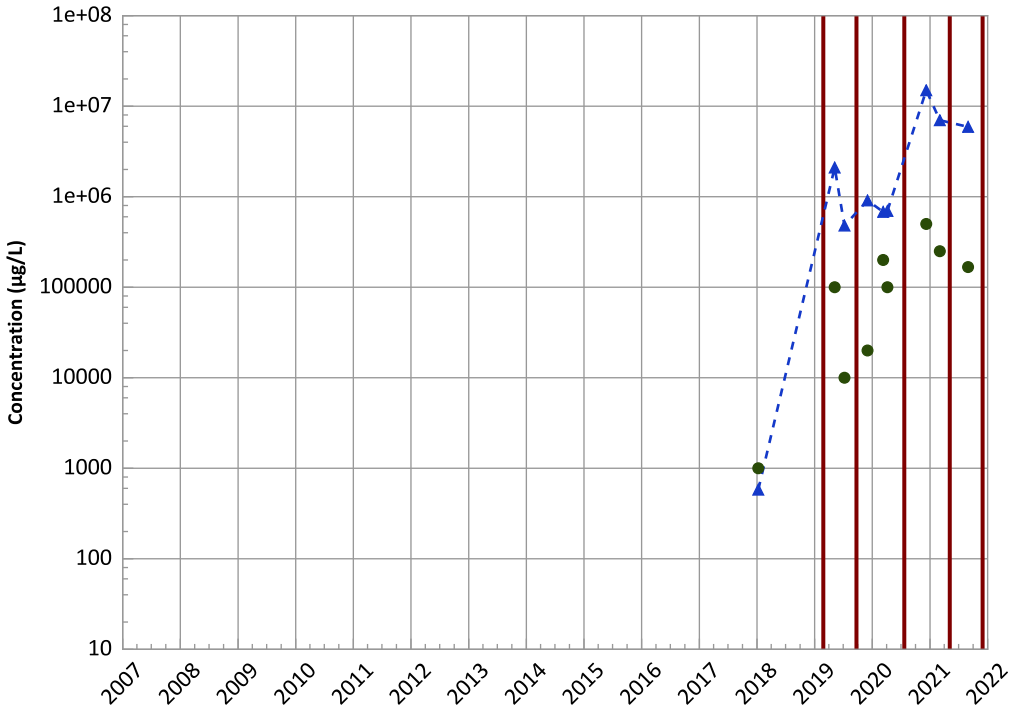
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

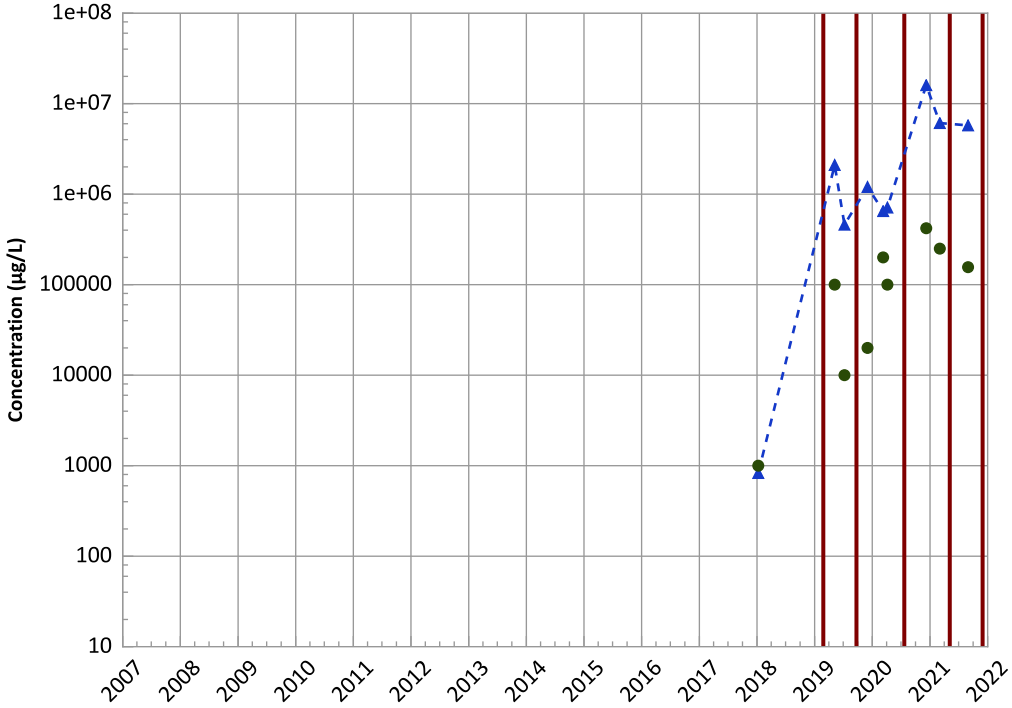


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

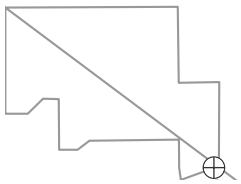
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

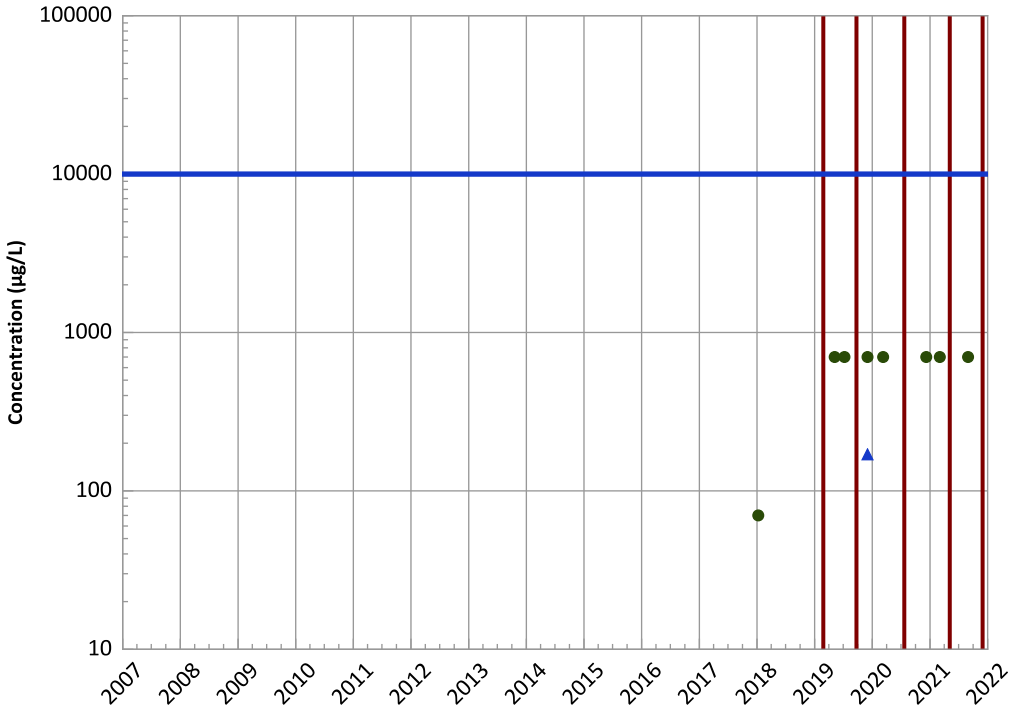
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB317 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

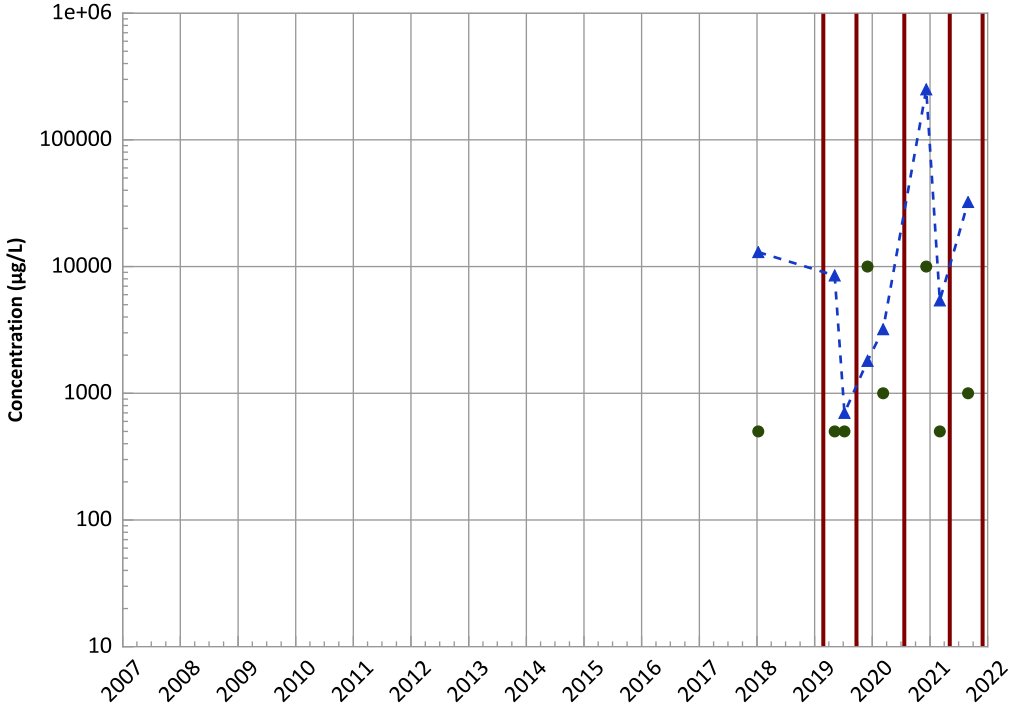


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

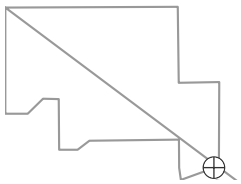
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

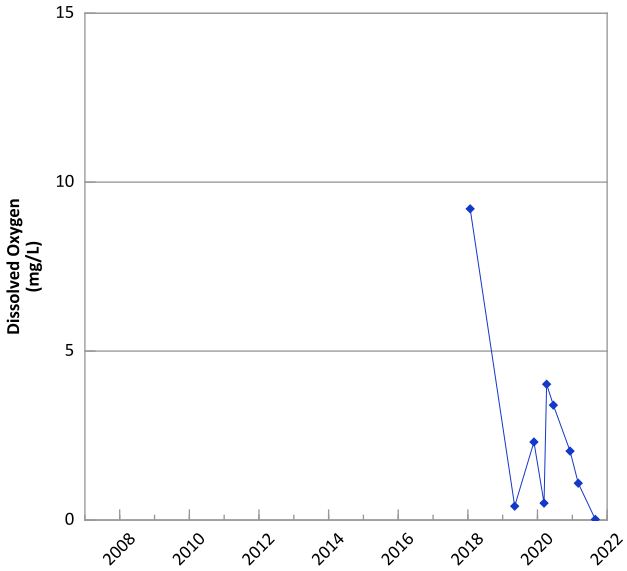
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/09/2018 to 08/30/2021
Analysis Date: 05/26/2022

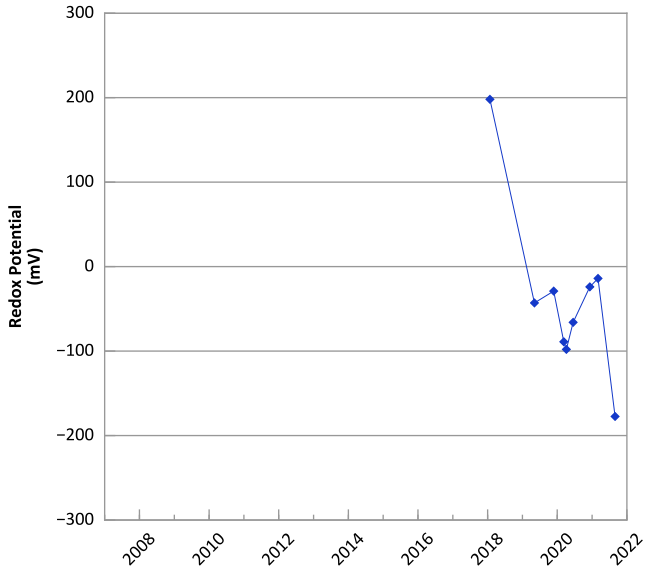
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

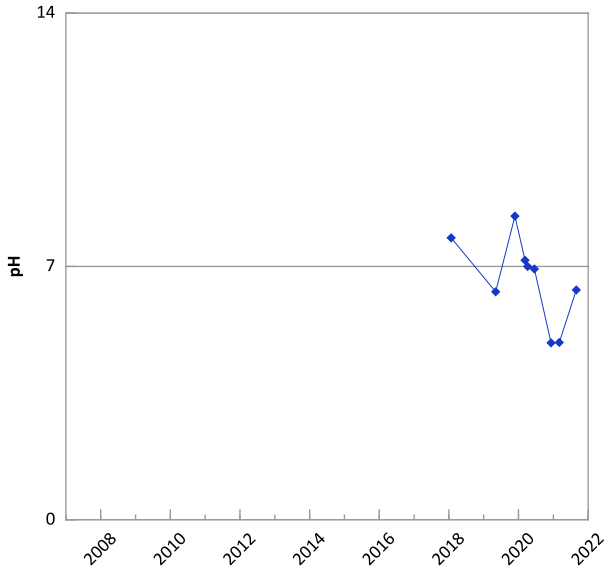
Well Location

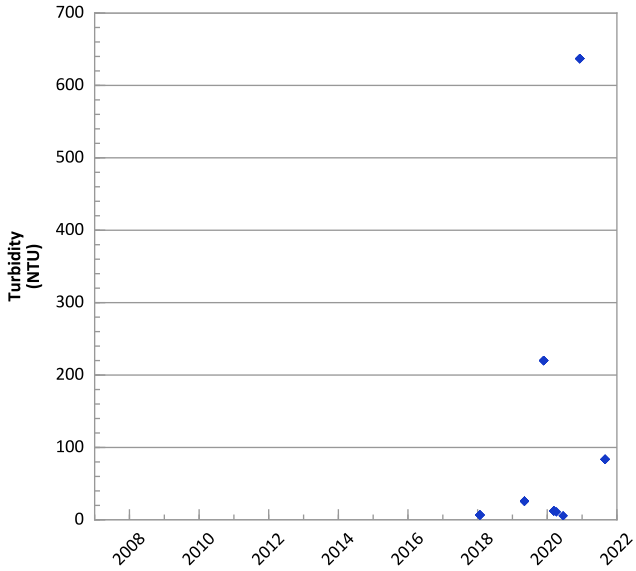


PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



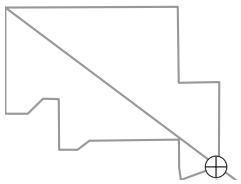






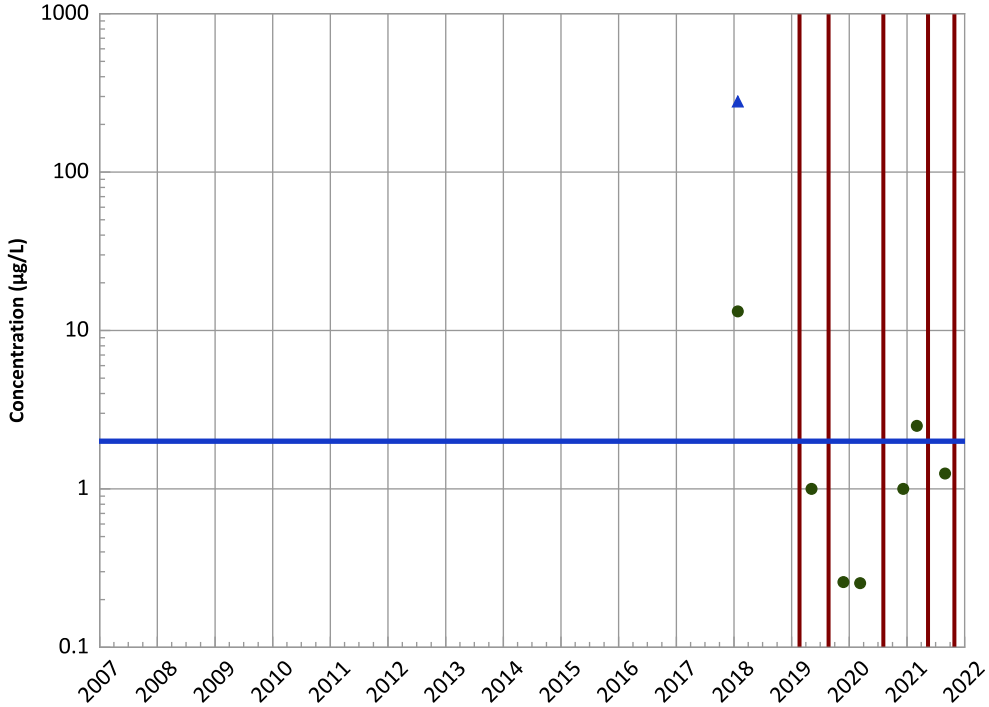
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

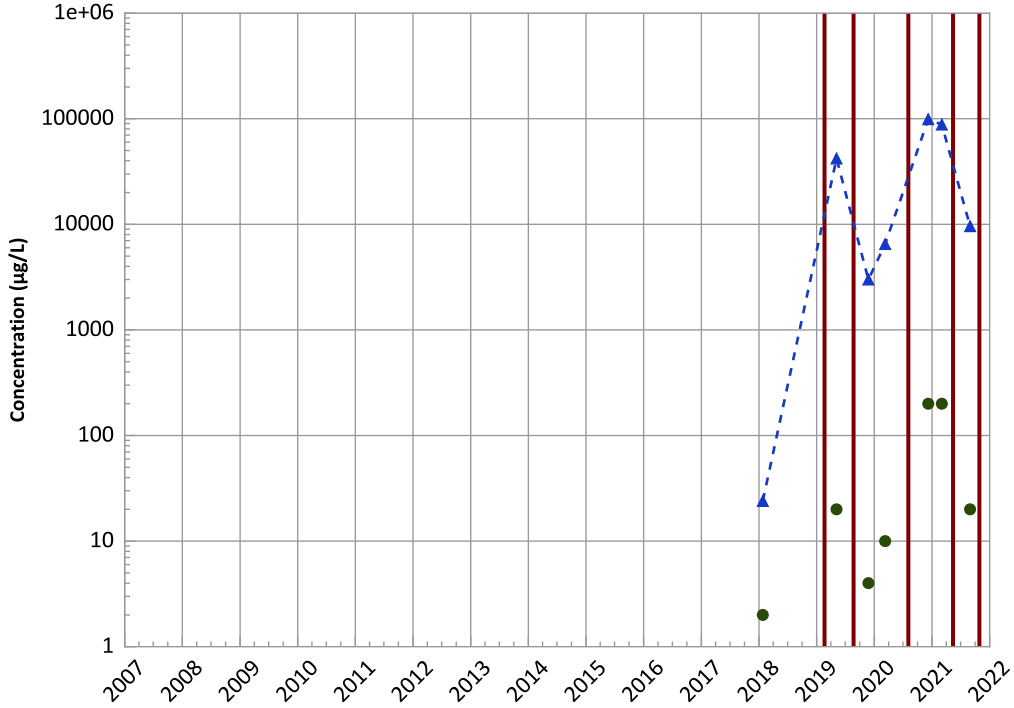


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

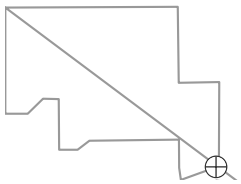
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Stable' 'Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

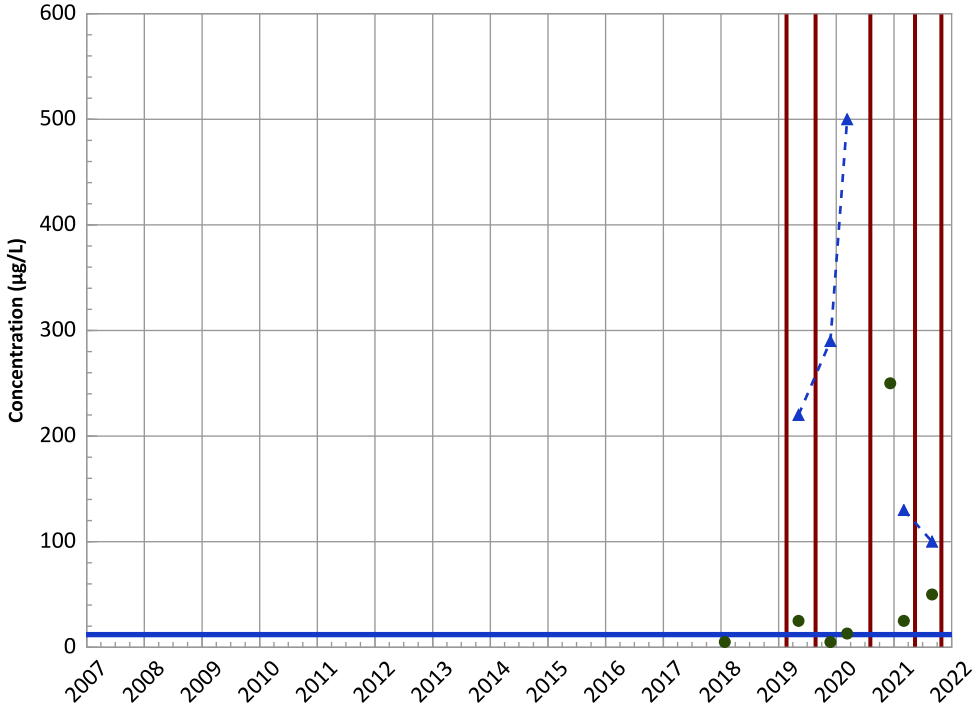
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

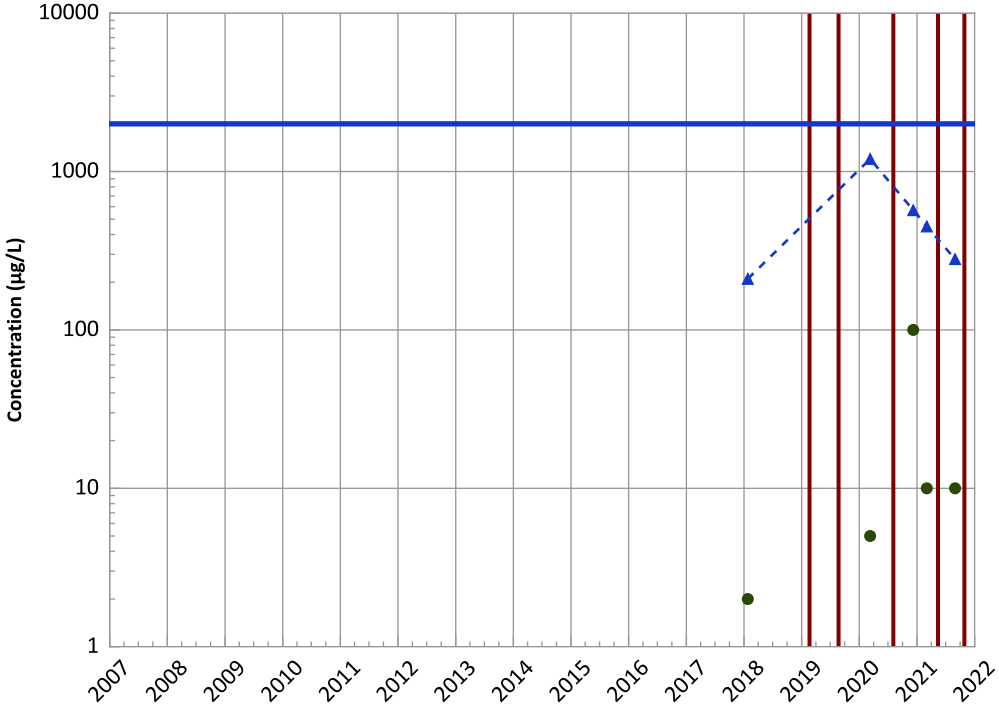


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

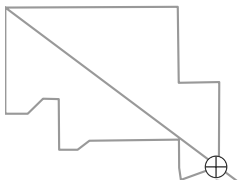
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

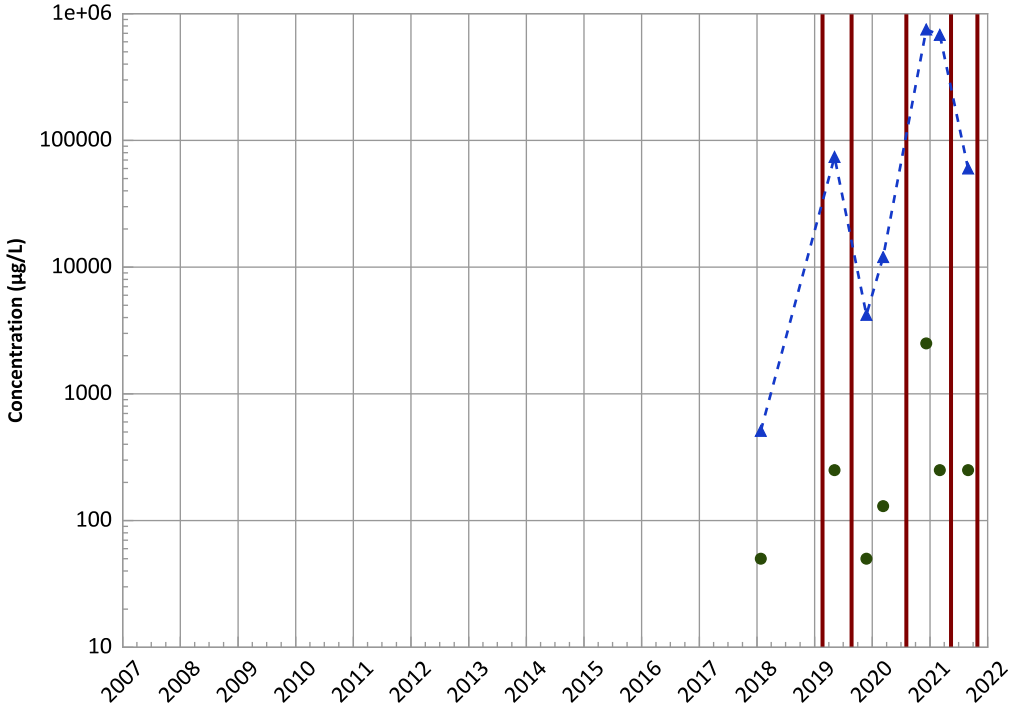
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

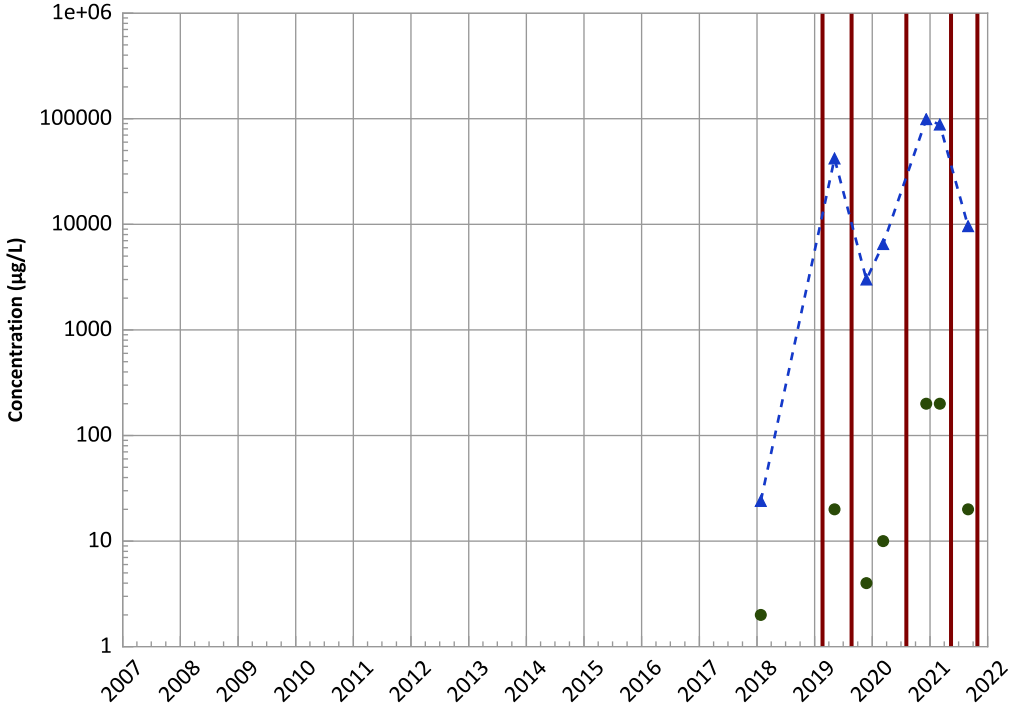


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

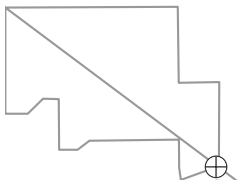
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Stable' 'Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing' 'Increasing
2019 - 2021 Data:
No Trend' 'No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

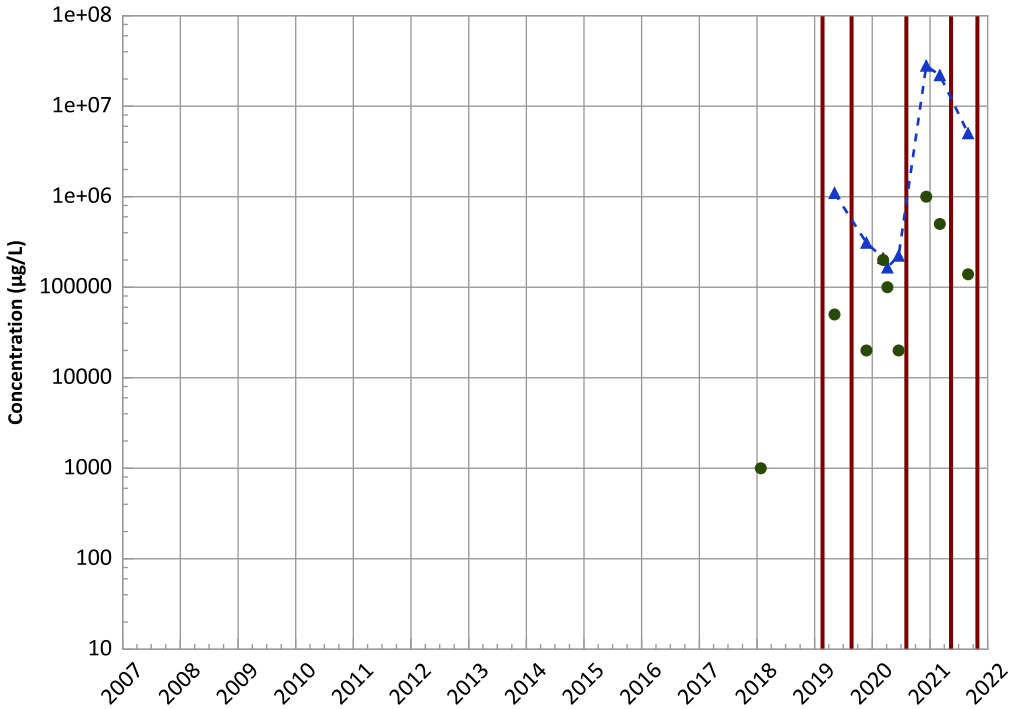
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

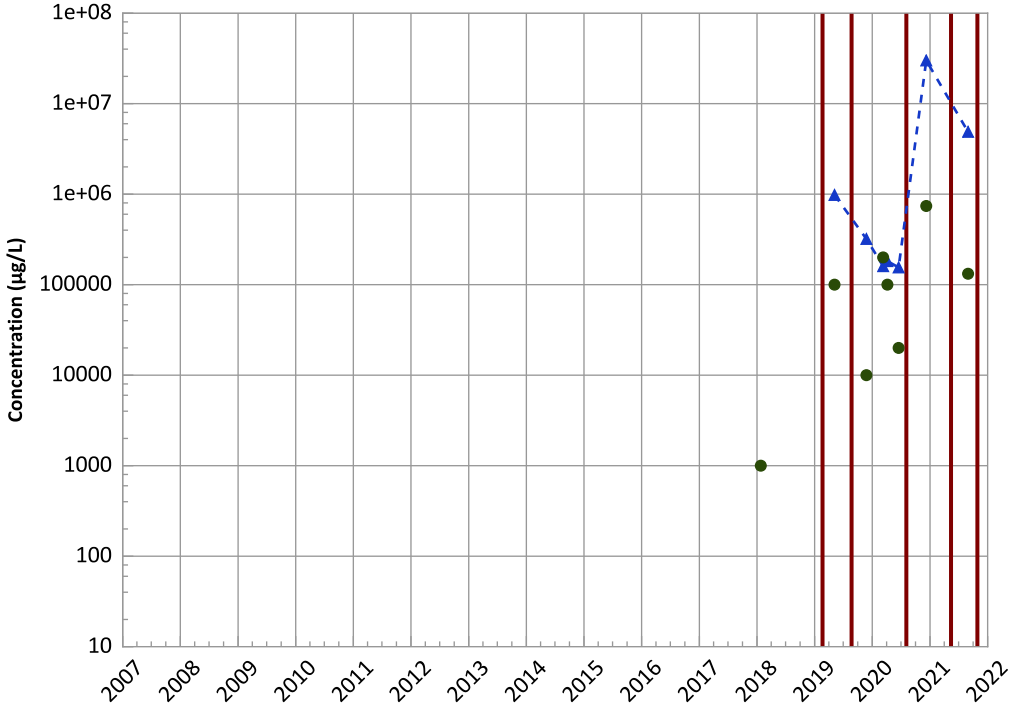


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

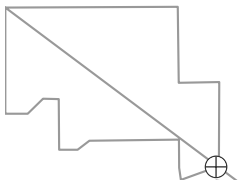
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

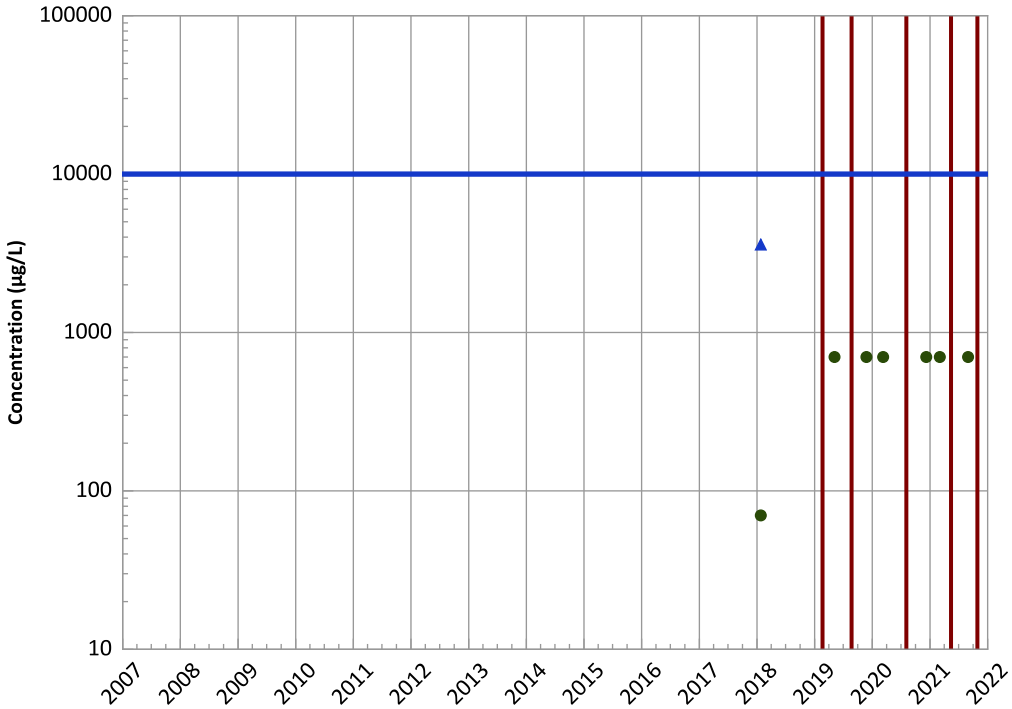
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB321 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

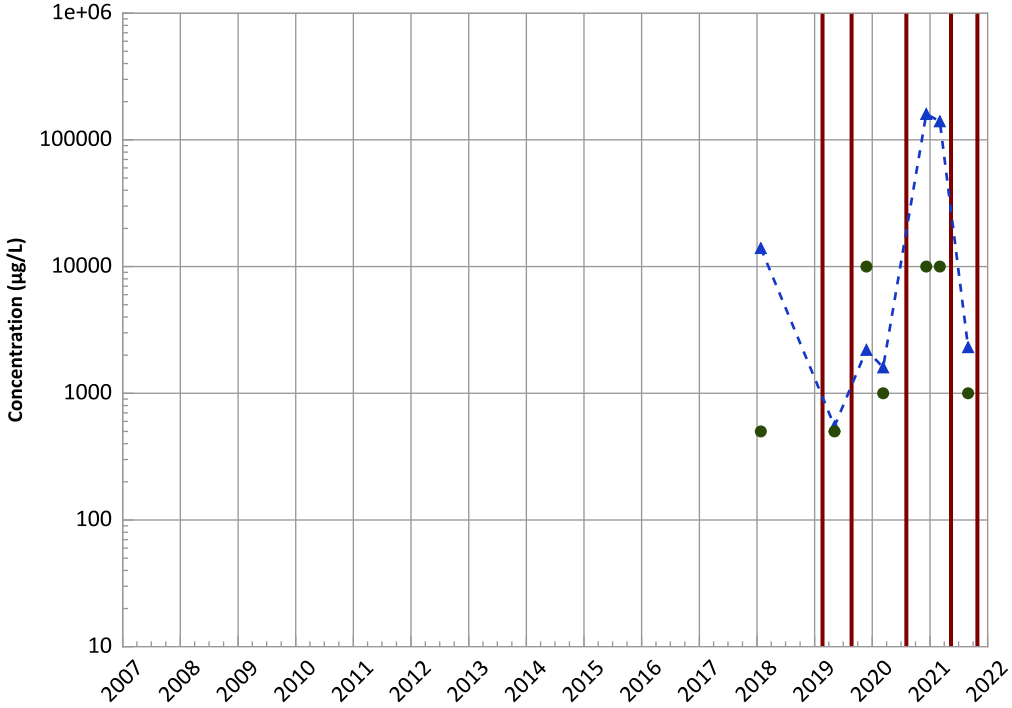


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

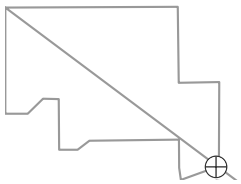
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

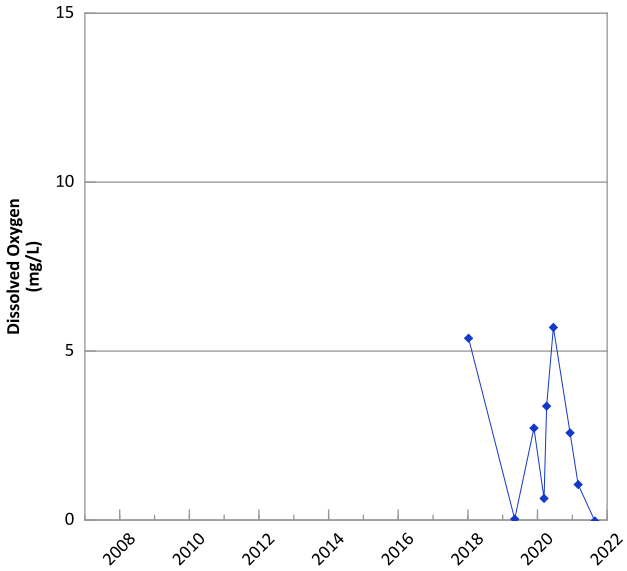
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/25/2018 to 08/30/2021
Analysis Date: 05/26/2022

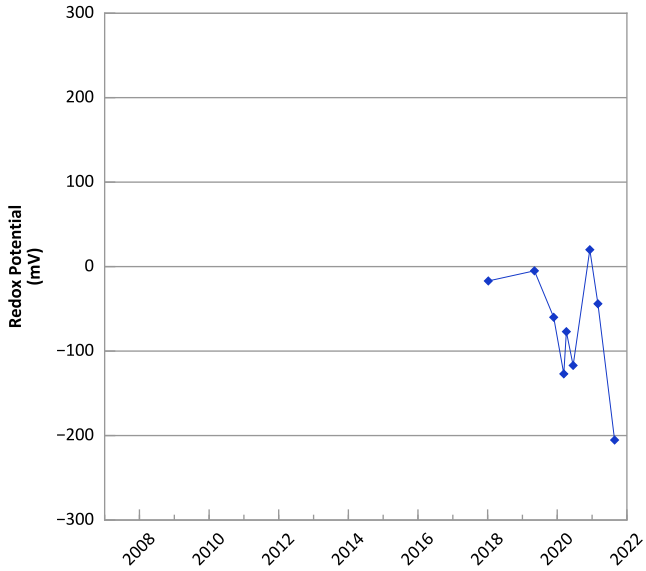
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

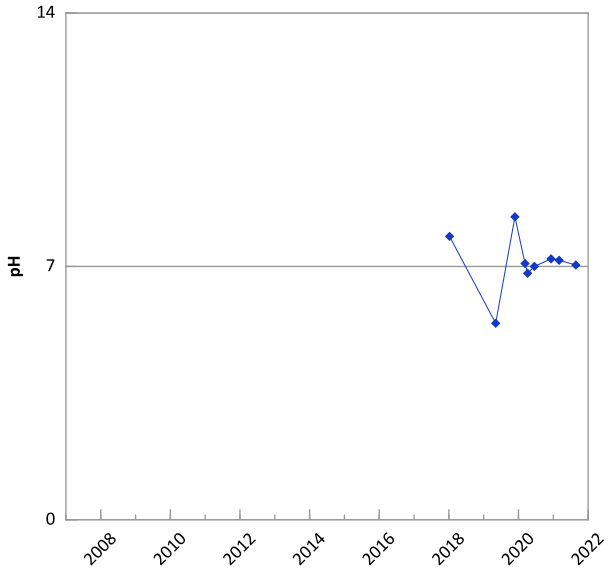
Well Location

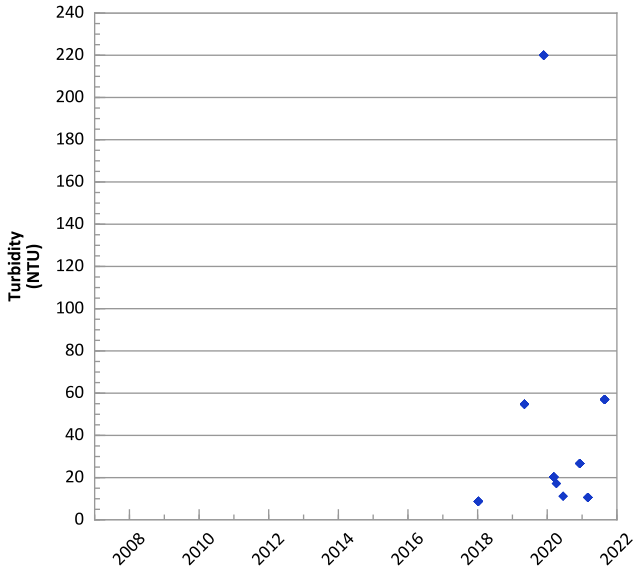


PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



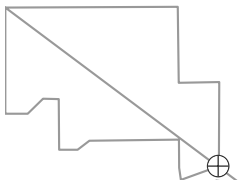






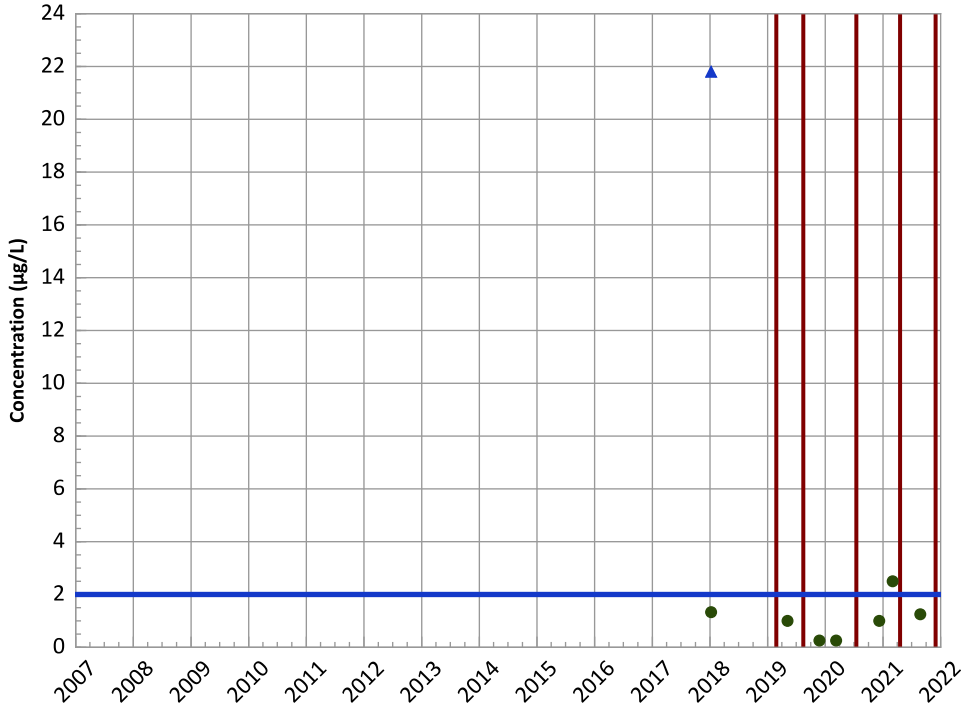
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

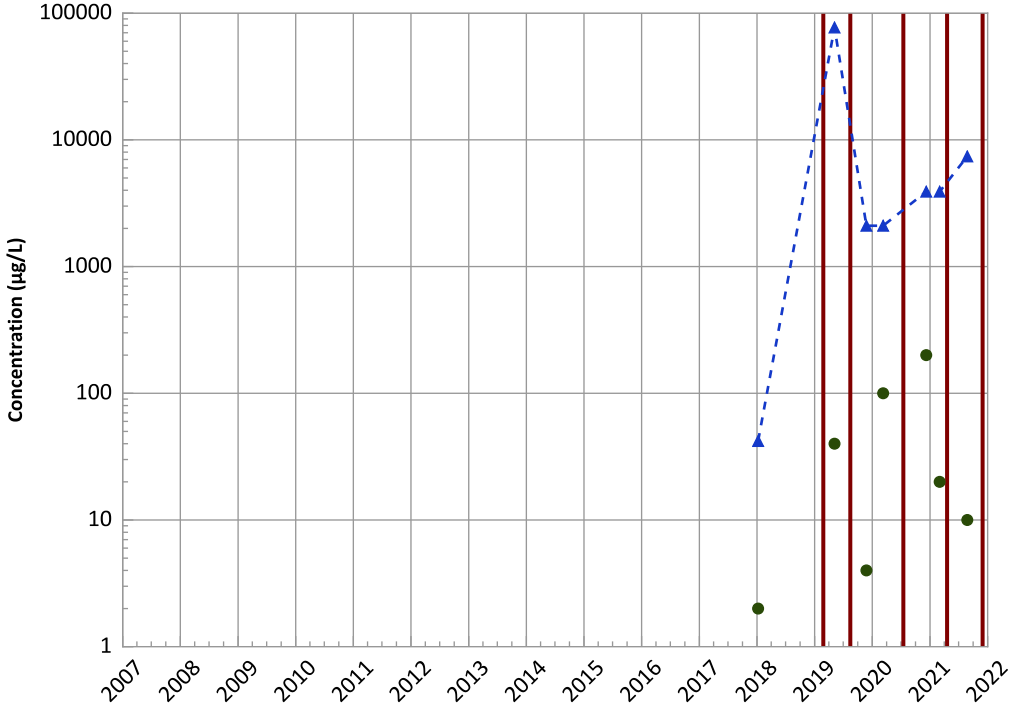


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

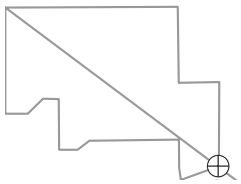
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

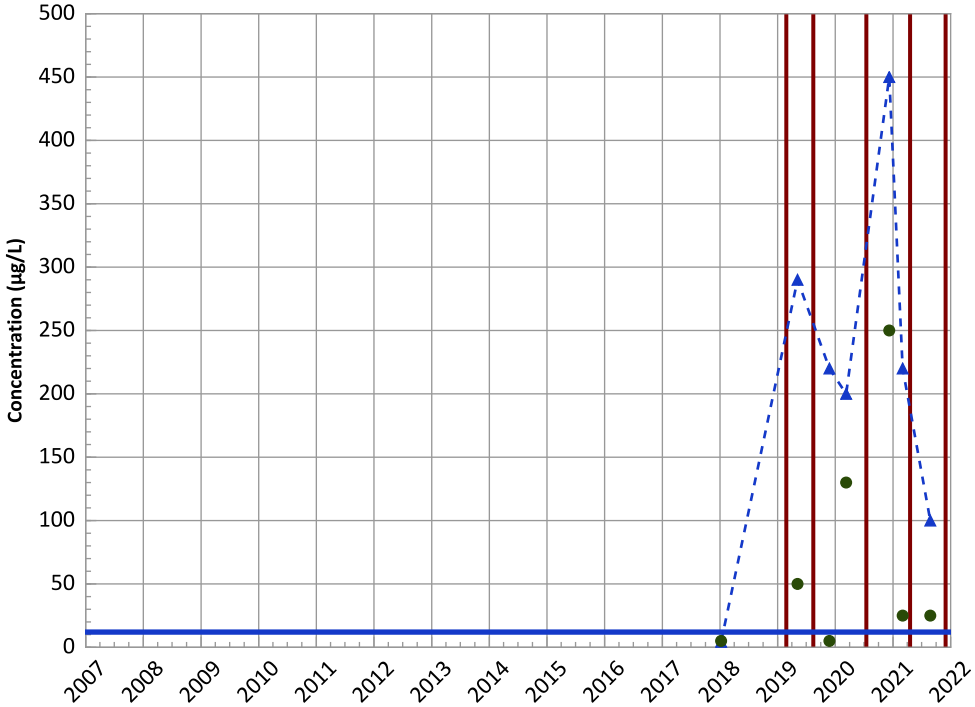
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

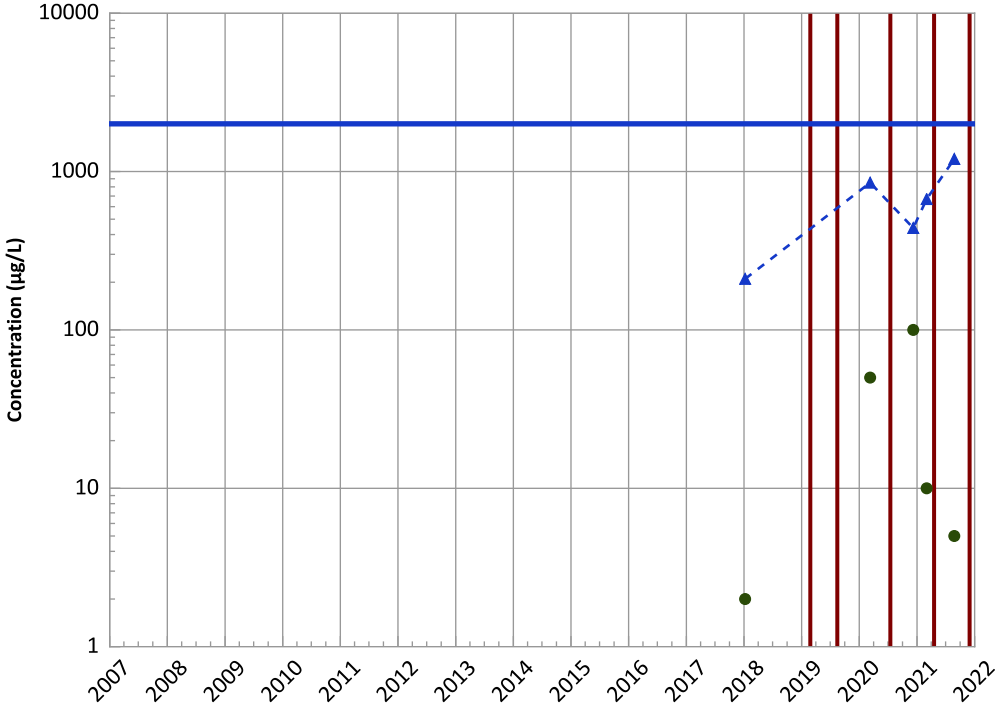


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Stable
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

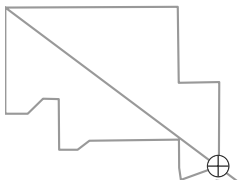
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

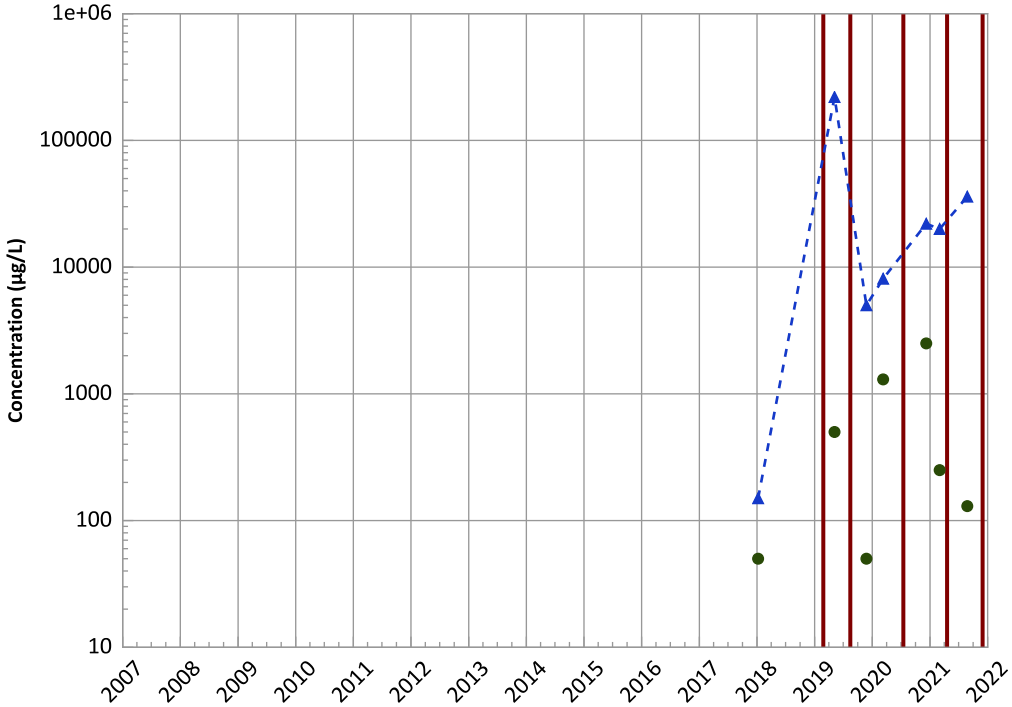
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

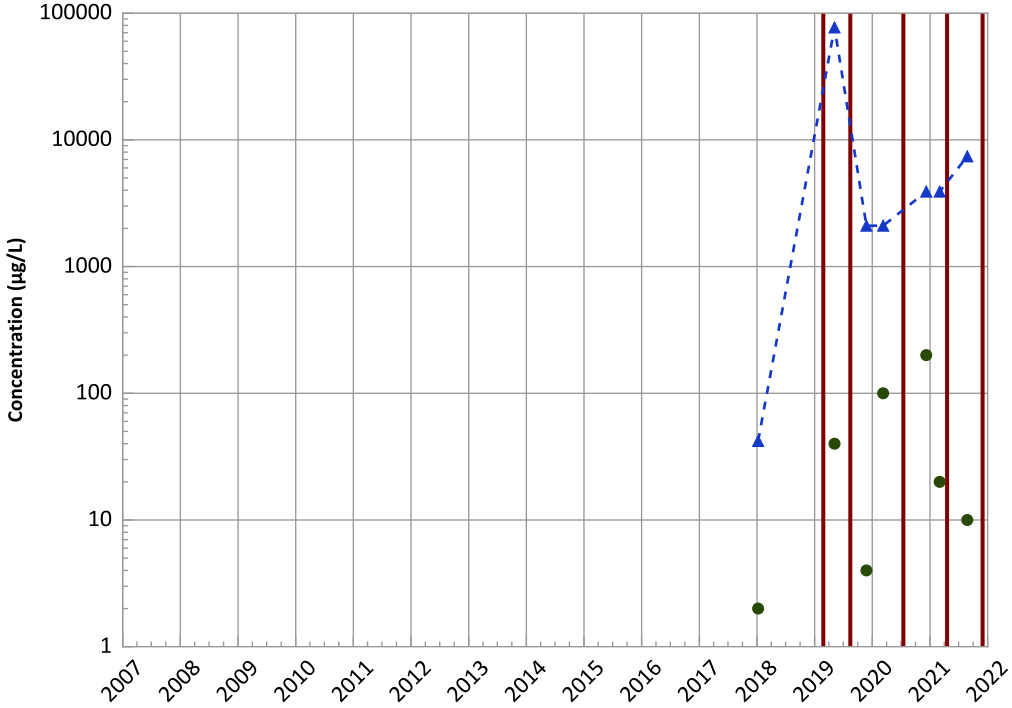


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
Increasing

Manganese Trend



Concentration Trend

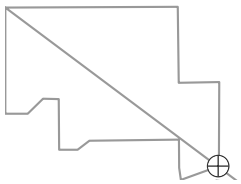
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
No Trend' 'No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend' 'No Trend
2019 - 2021 Data:
Increasing' 'Increasing

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

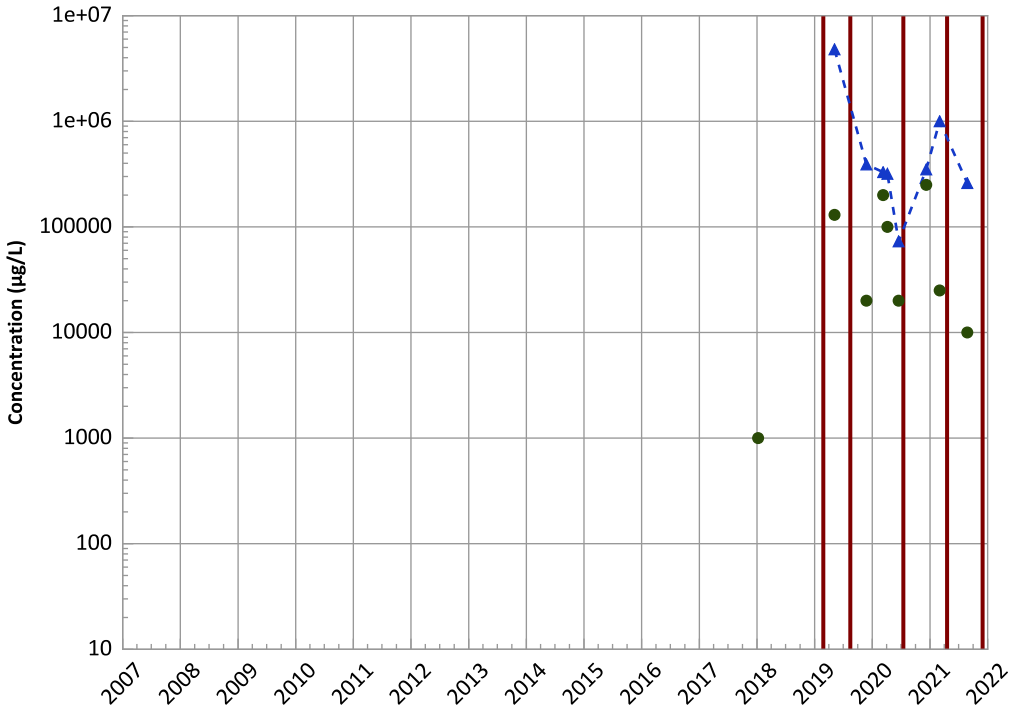
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

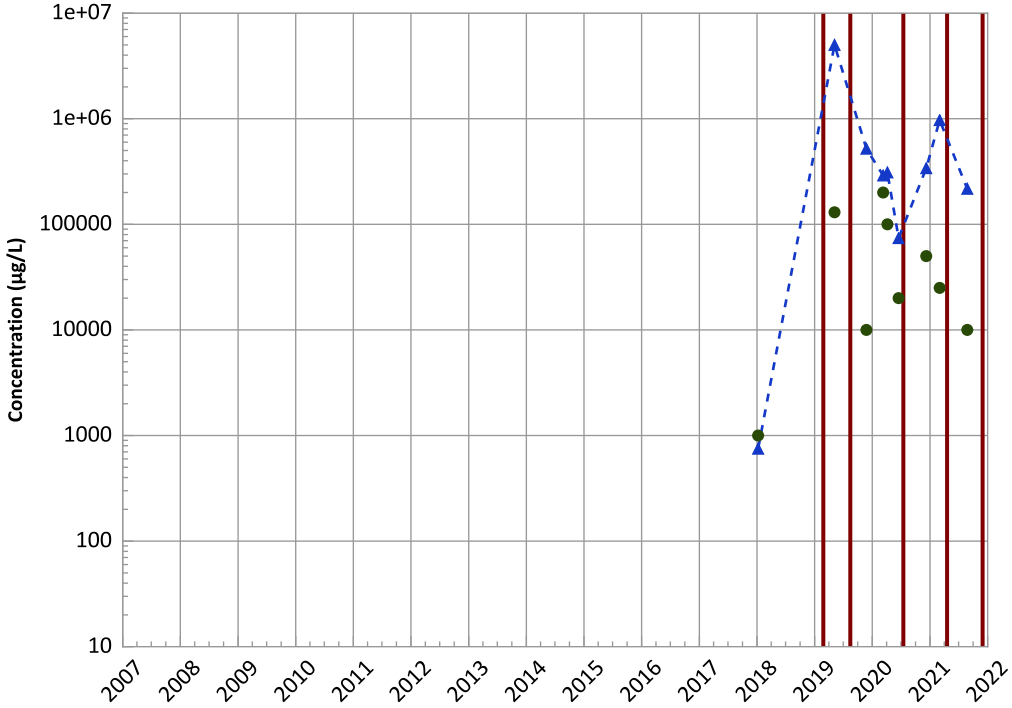


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
Probably Increasing

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

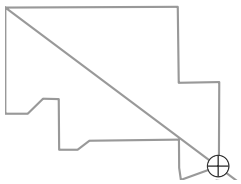
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

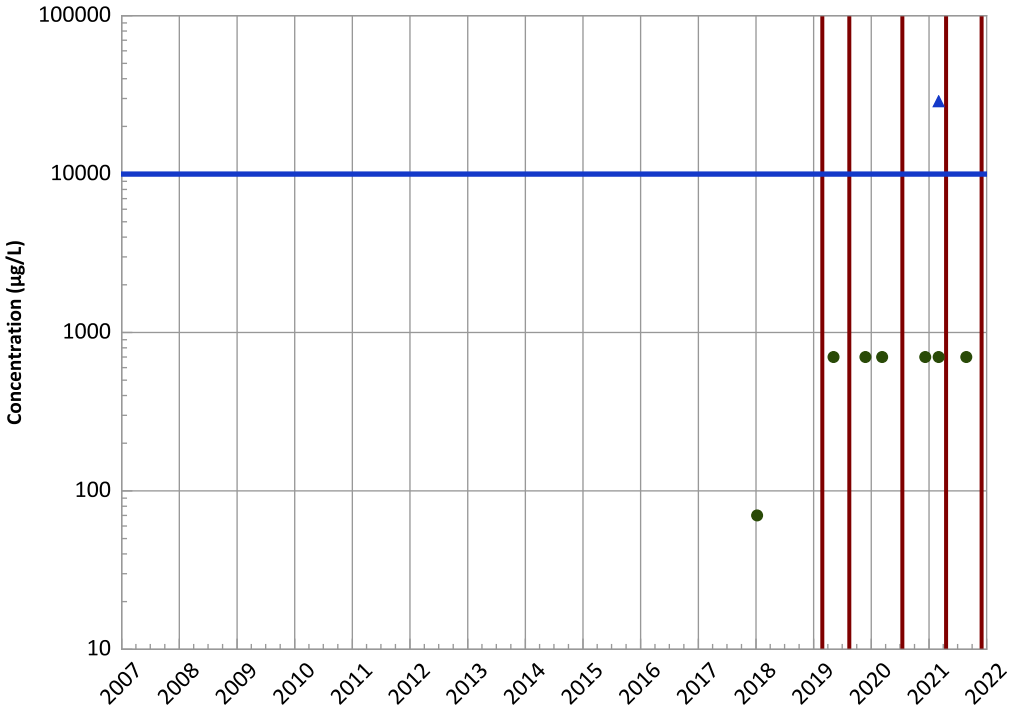
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB325 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

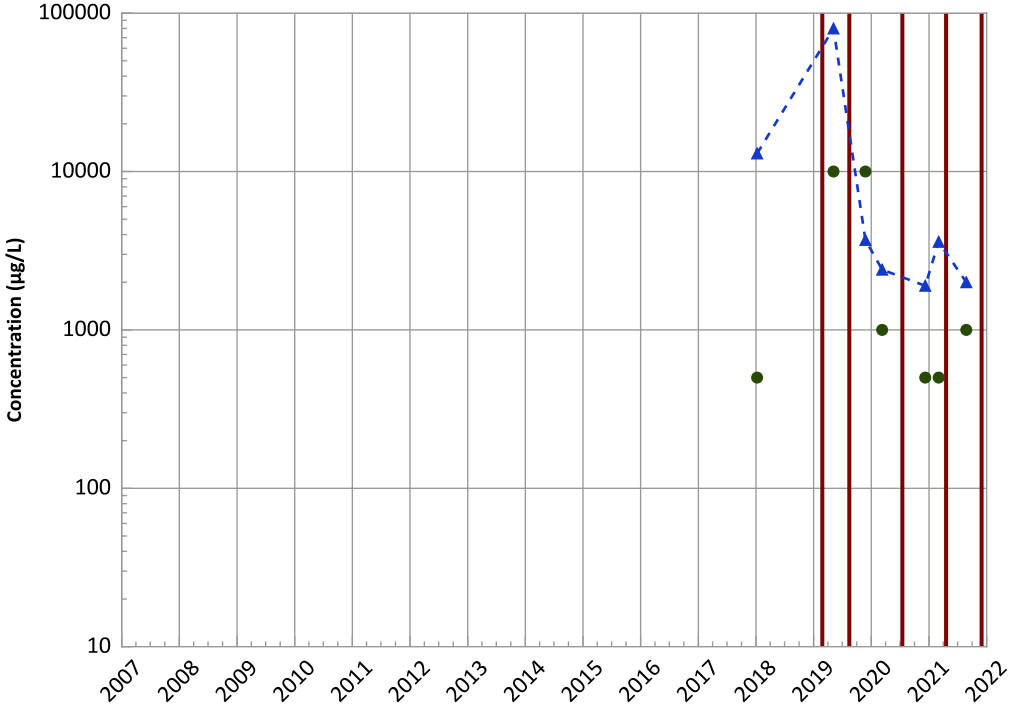


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

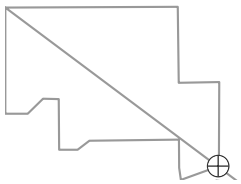
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
Probably Decreasing
2019 - 2021 Data:
No Trend

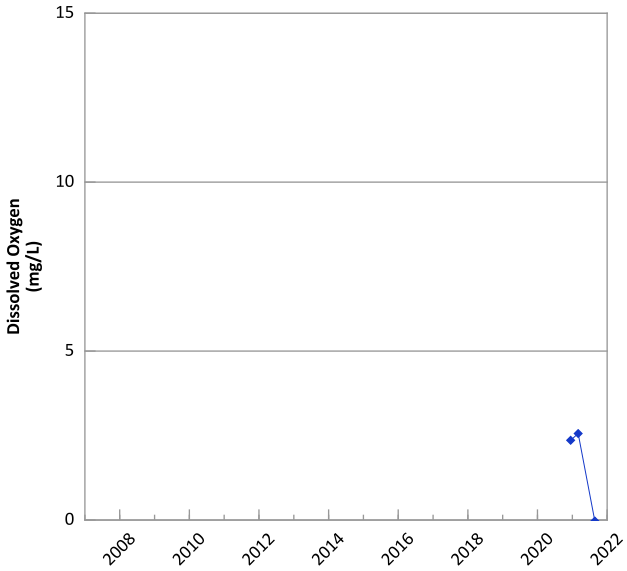
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/08/2018 to 08/25/2021
Analysis Date: 05/26/2022

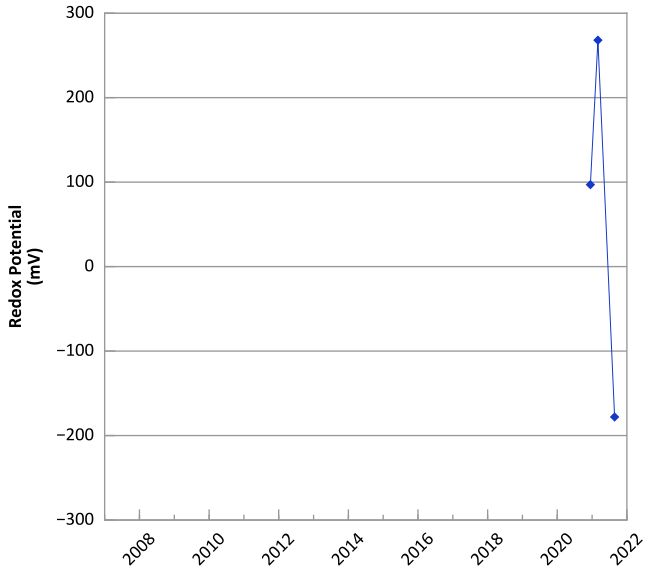
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

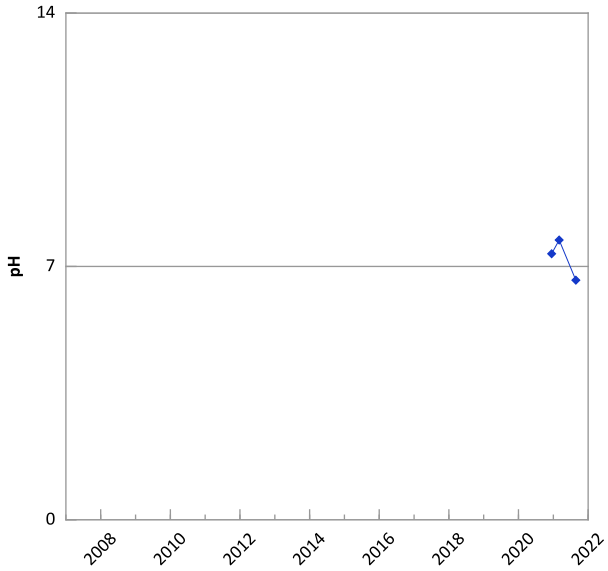
Well Location

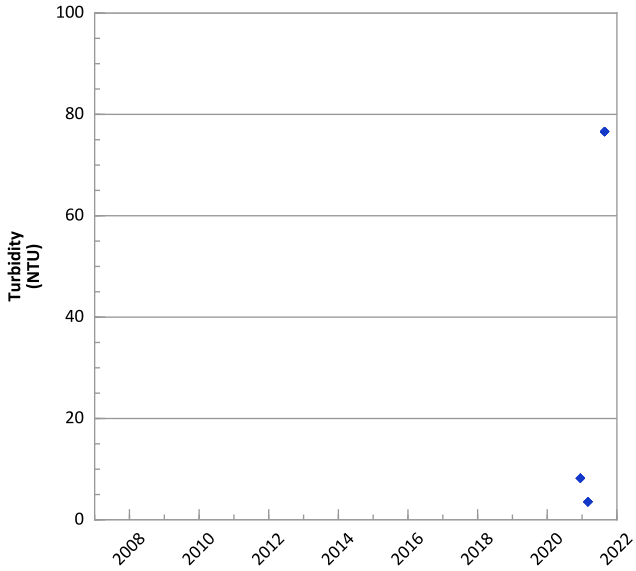


PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



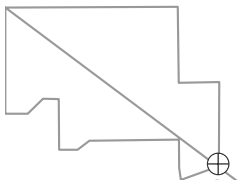






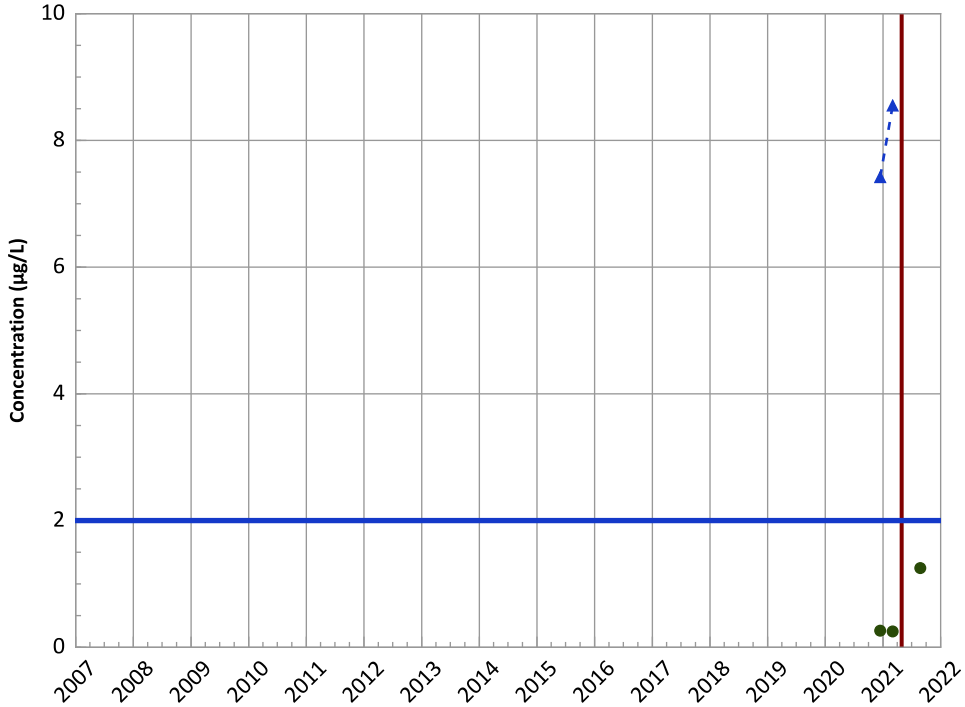
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

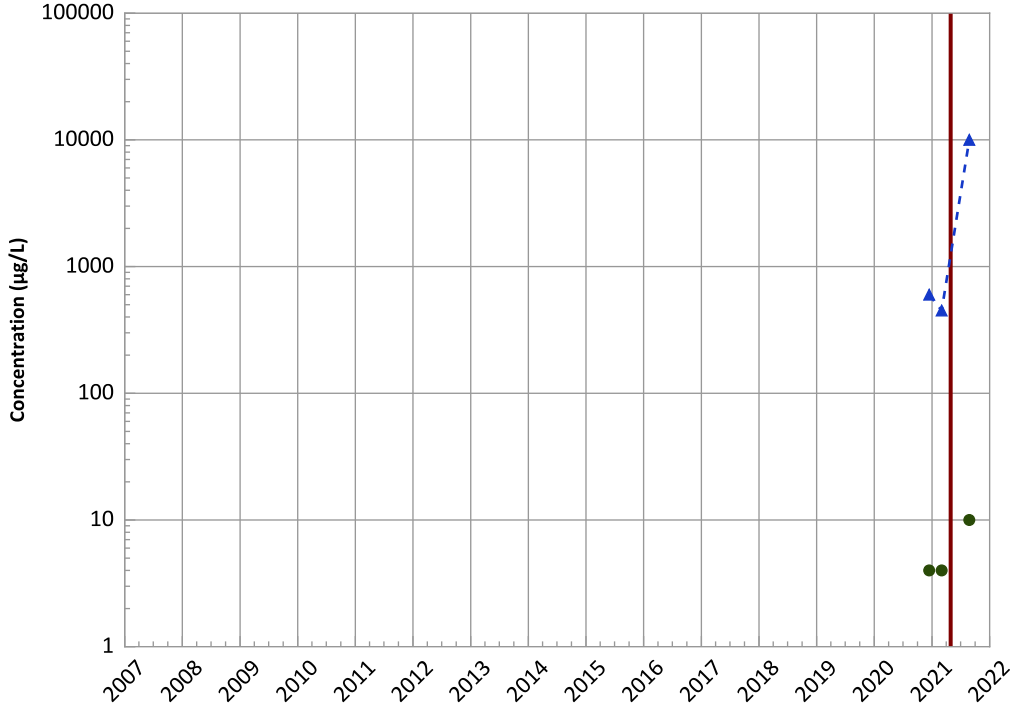


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

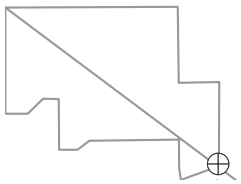
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

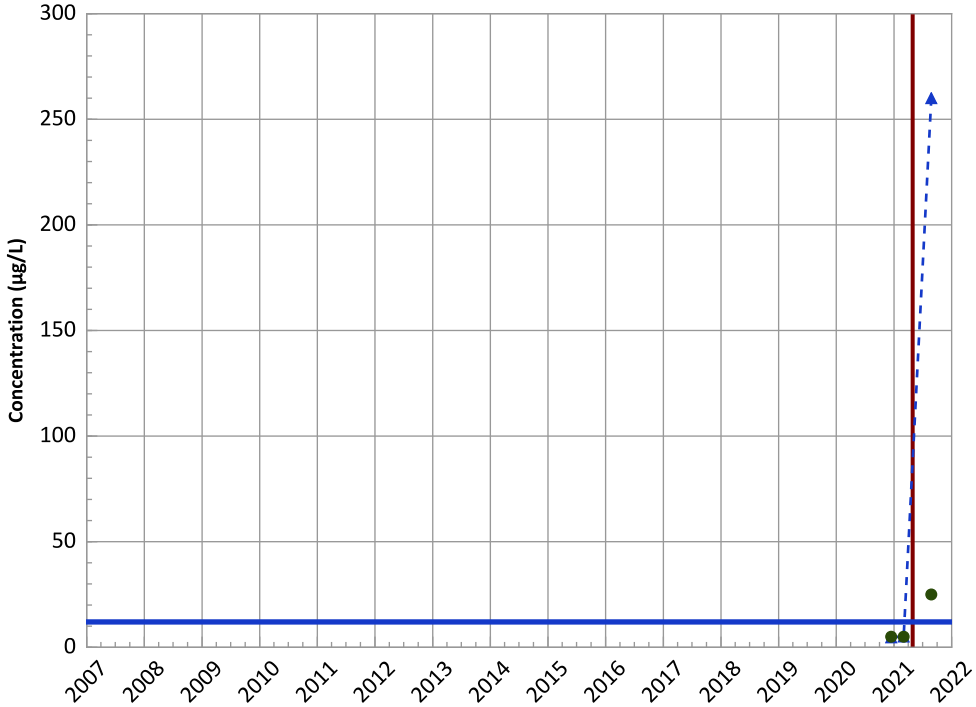
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

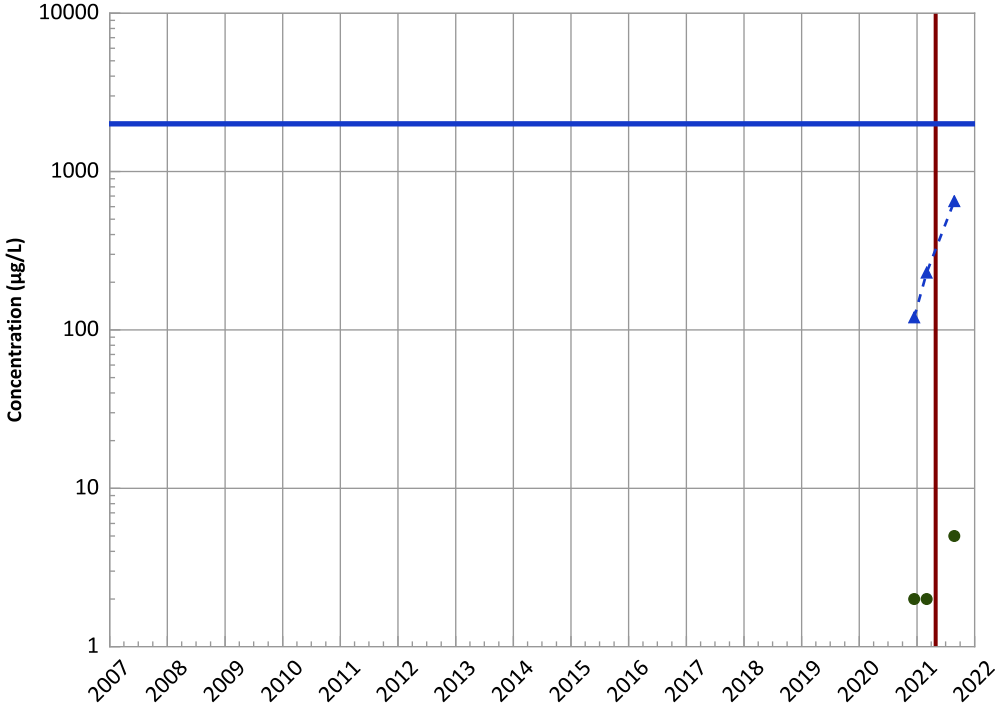


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

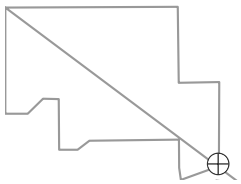
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

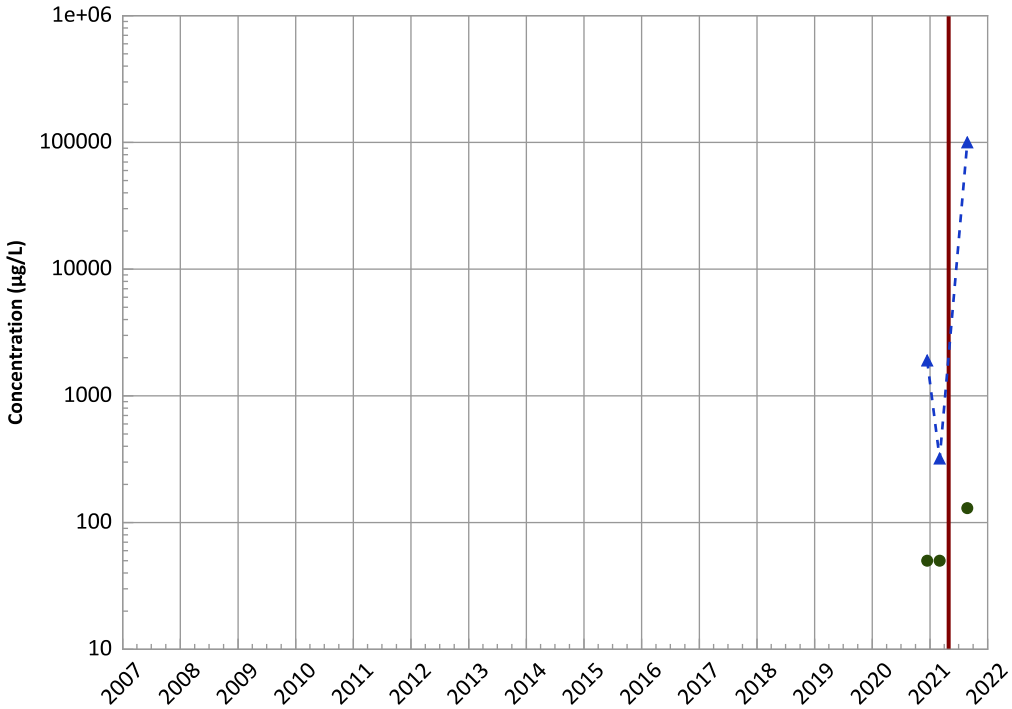
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

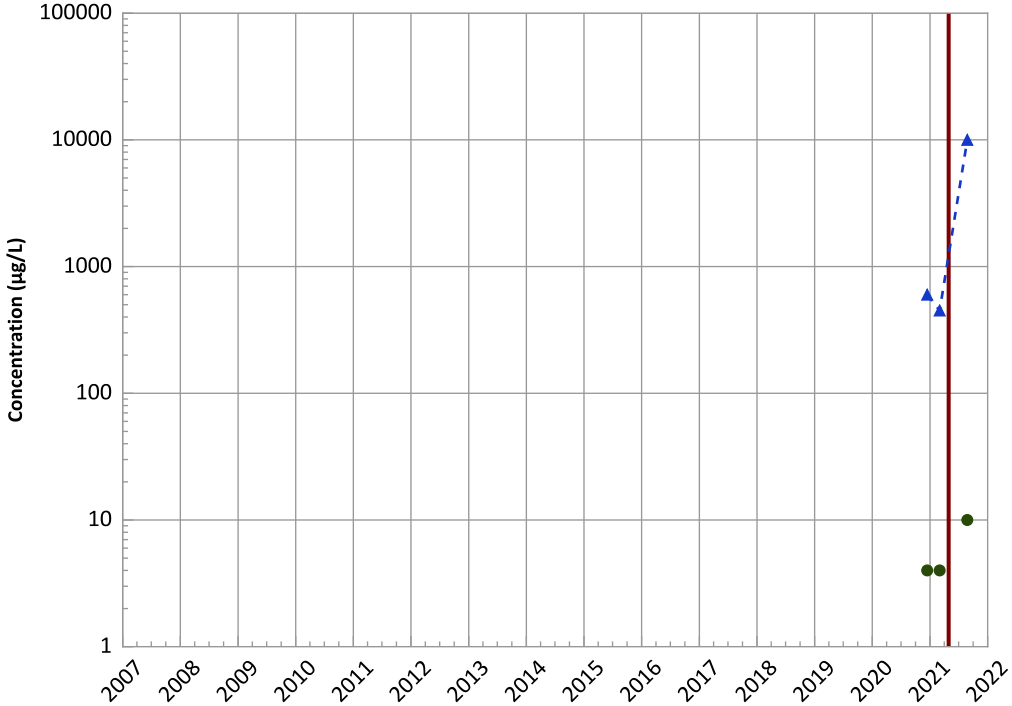


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

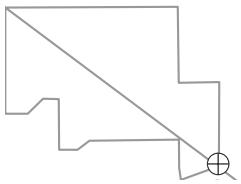
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

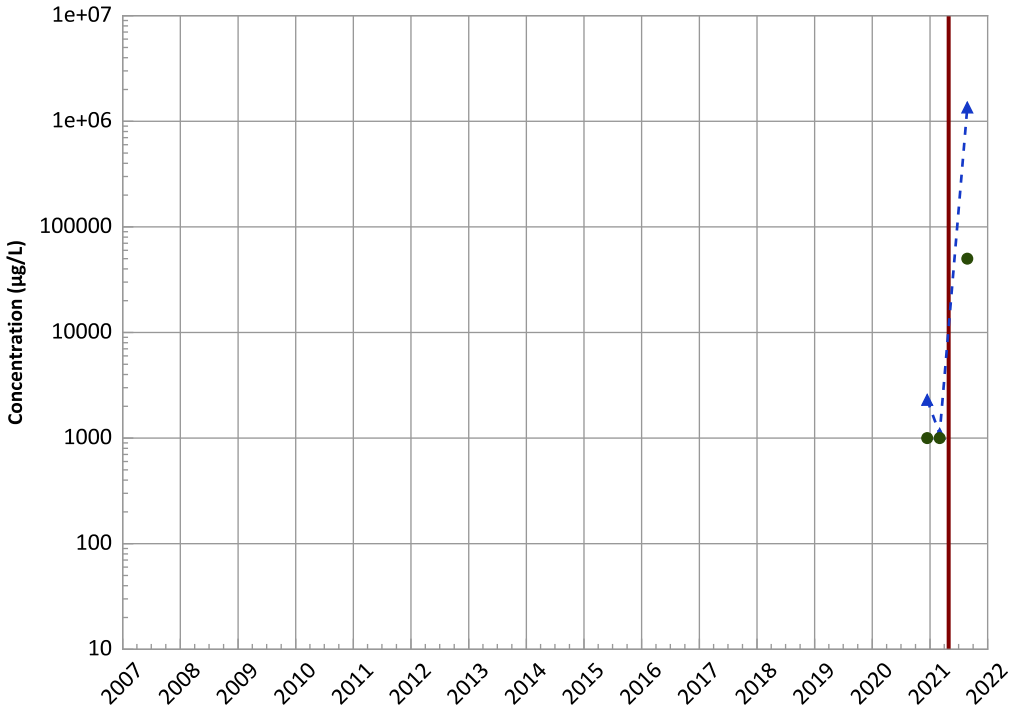
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

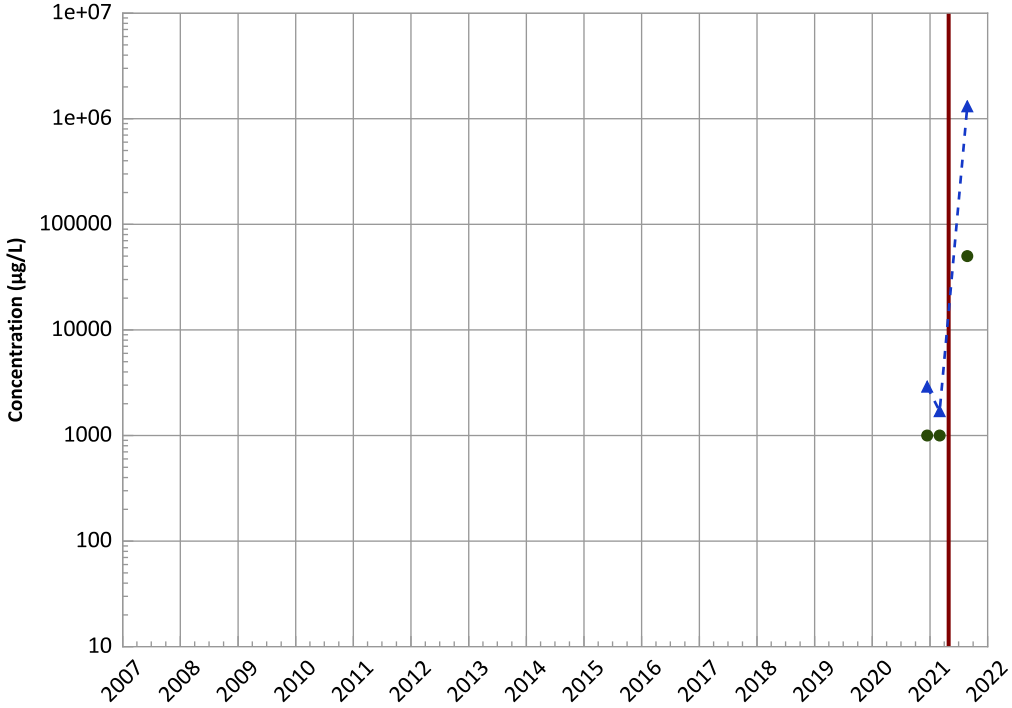


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

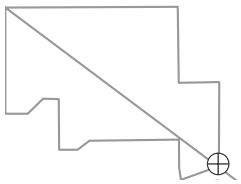
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

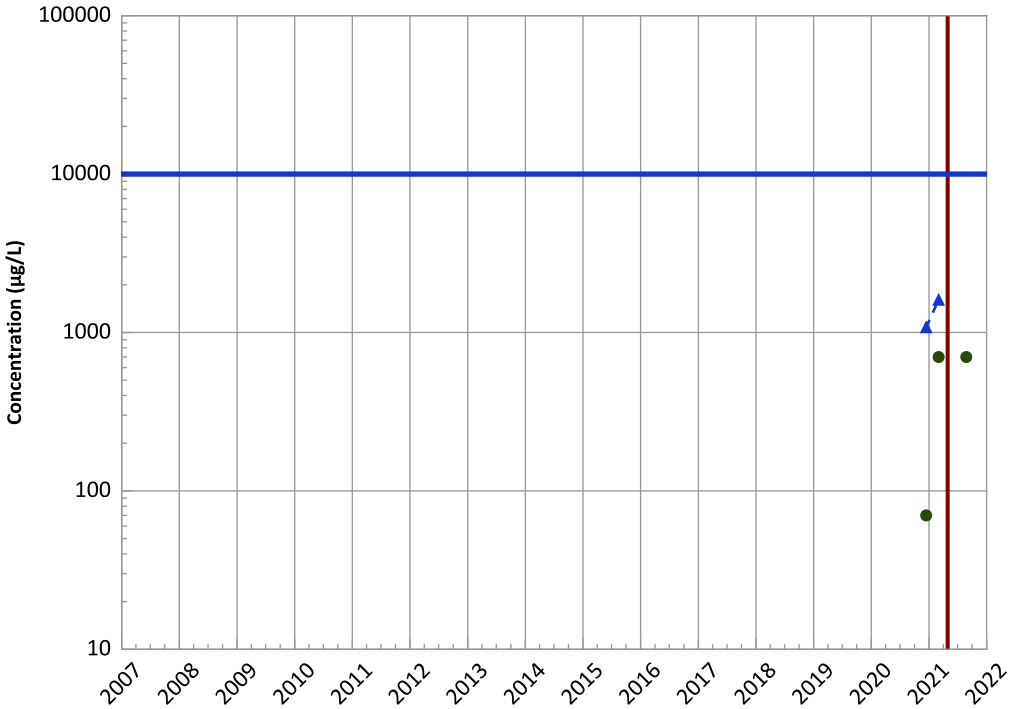
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB329 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

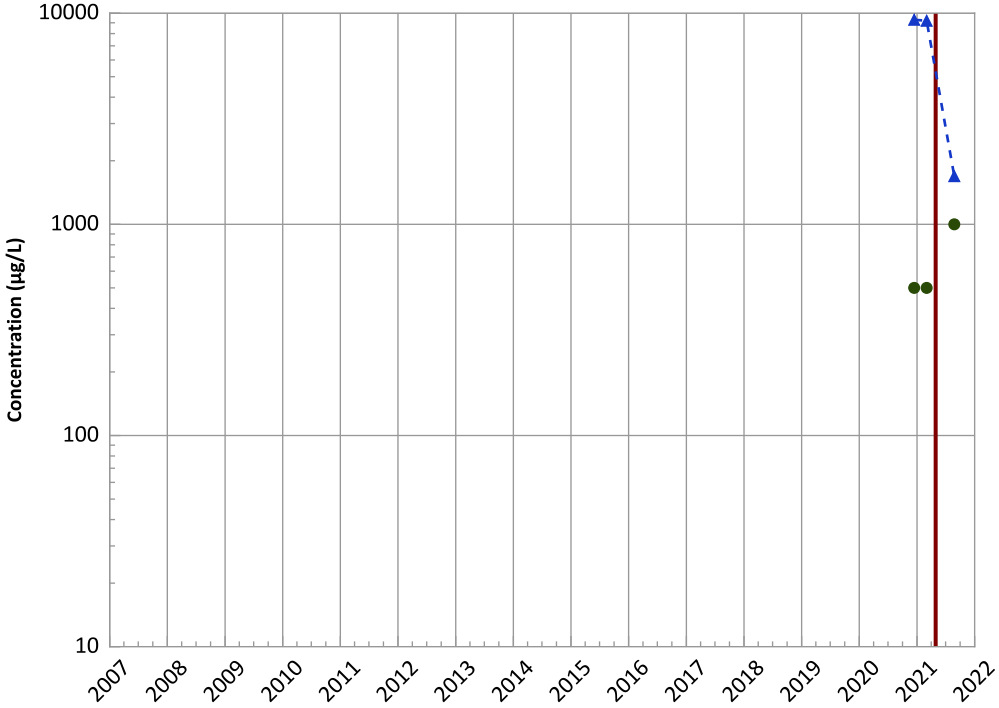


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

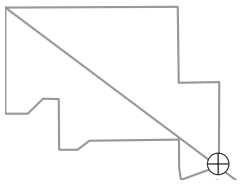
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

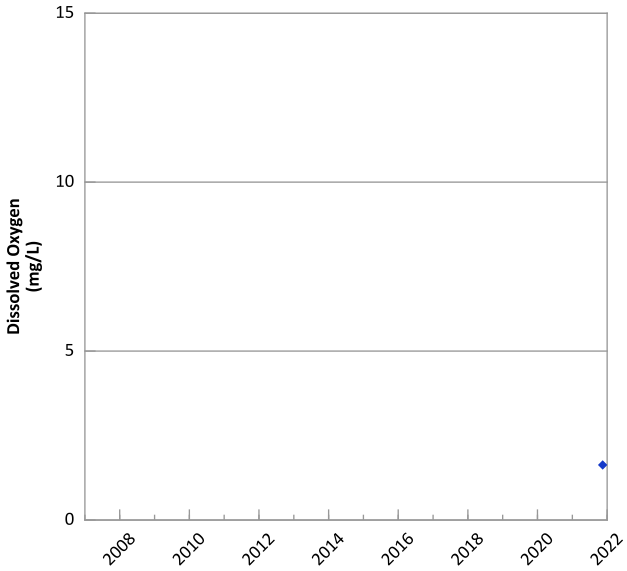
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 12/14/2020 to 08/25/2021
Analysis Date: 05/26/2022

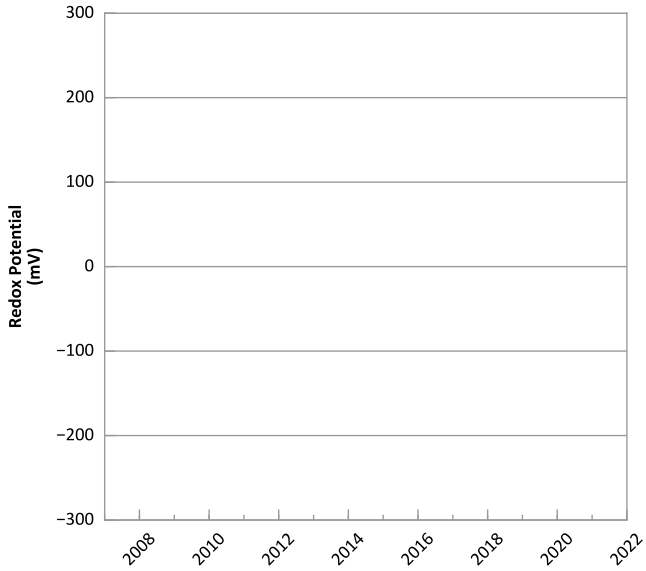
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

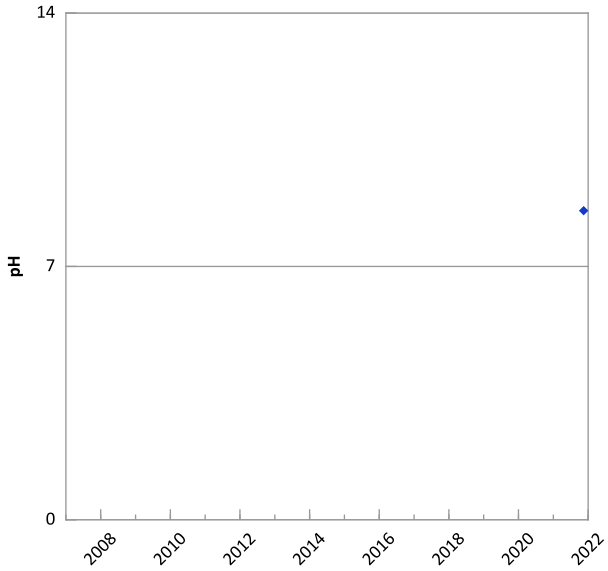
Well Location

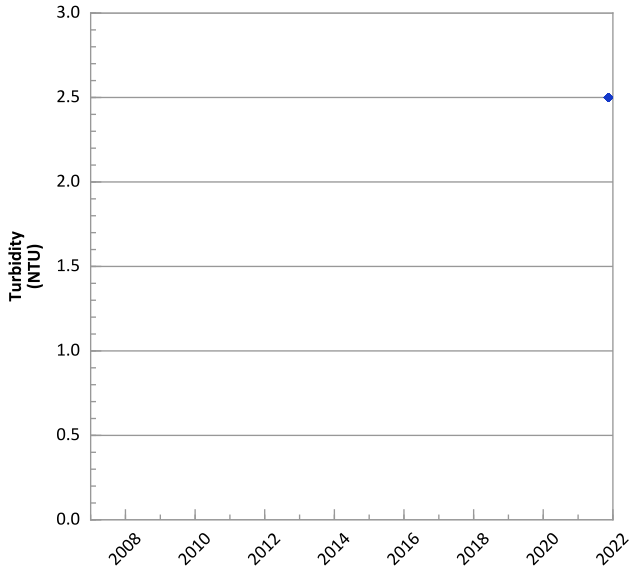


PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



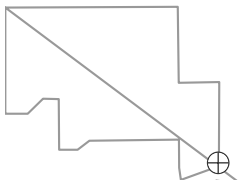






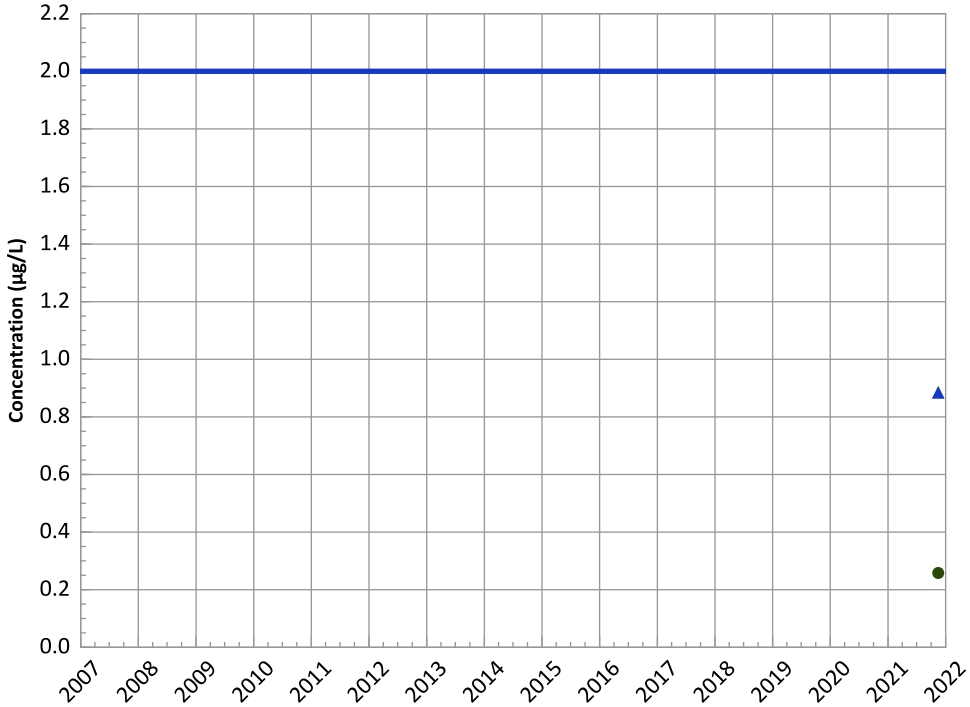
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

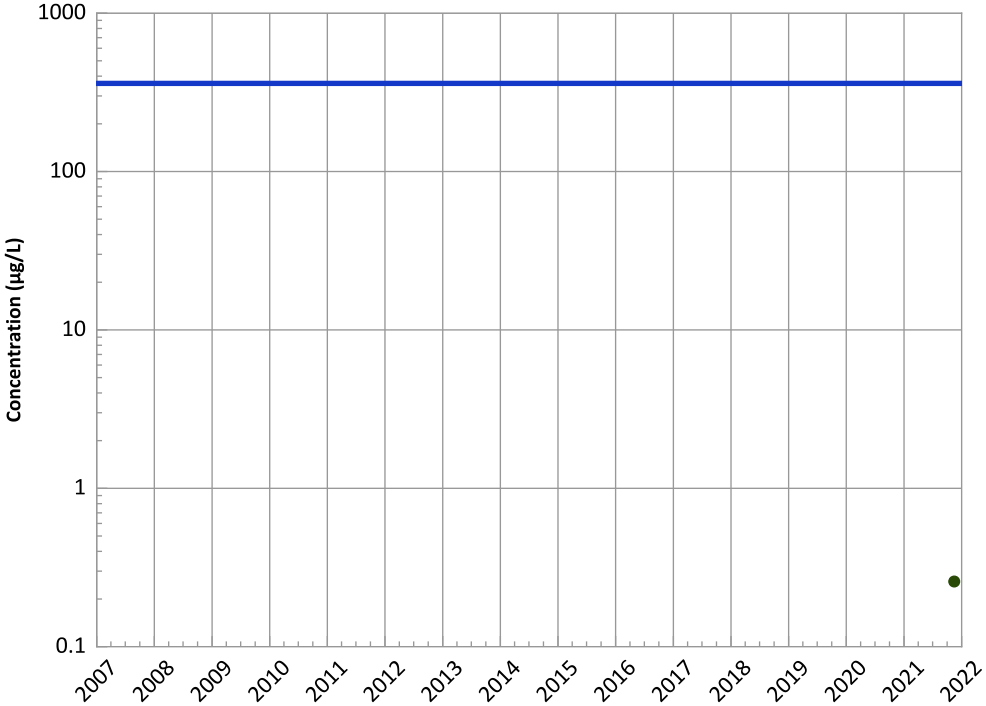


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

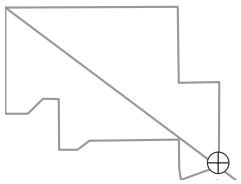
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

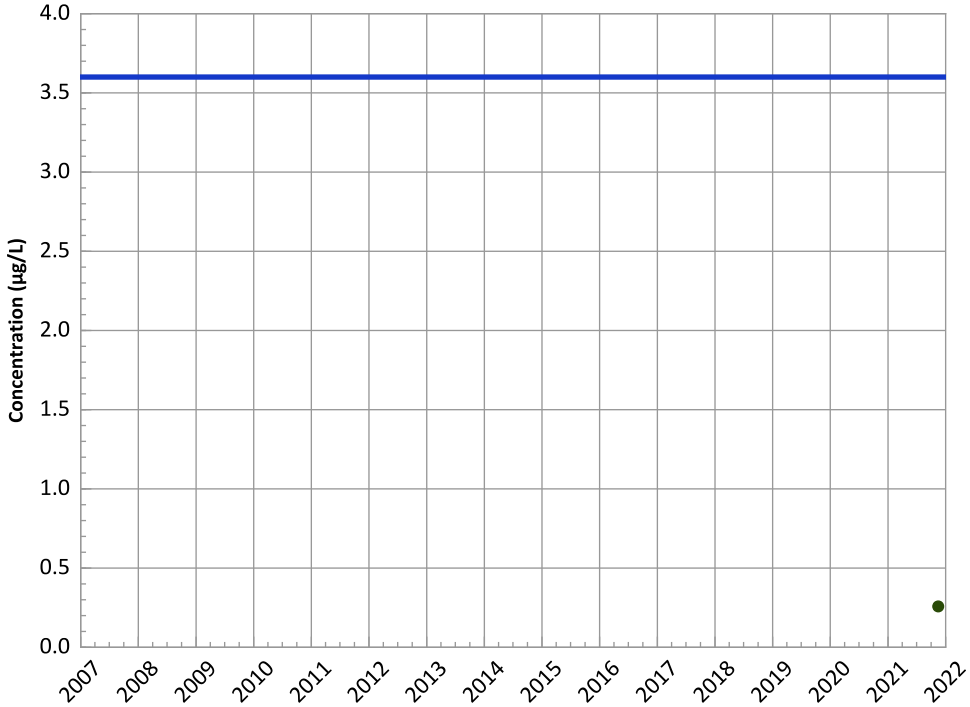
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

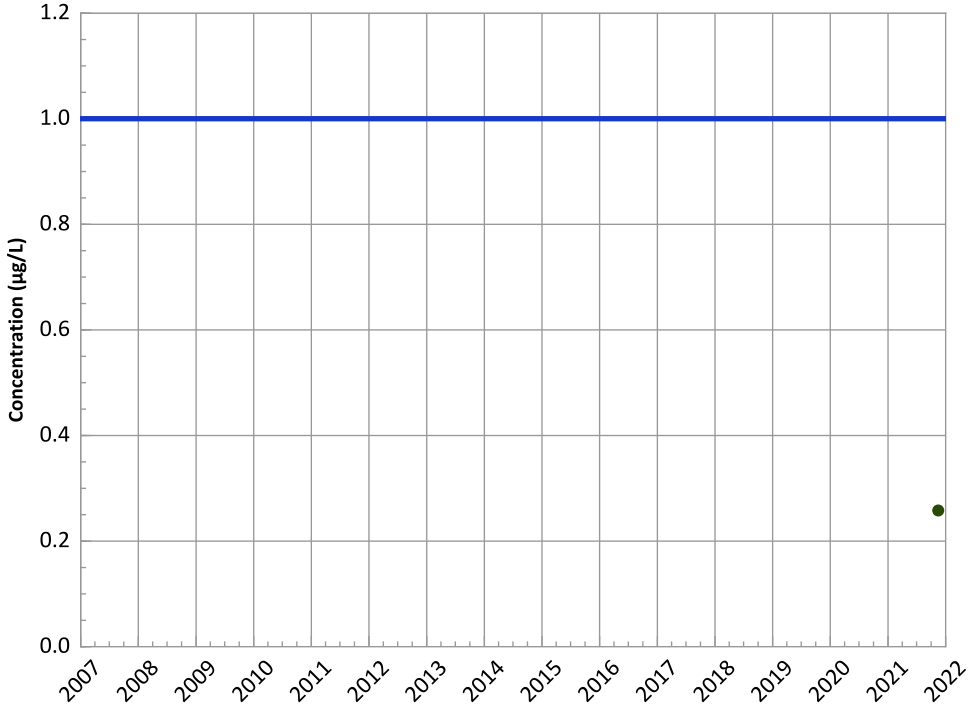


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

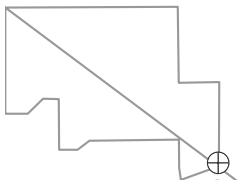
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

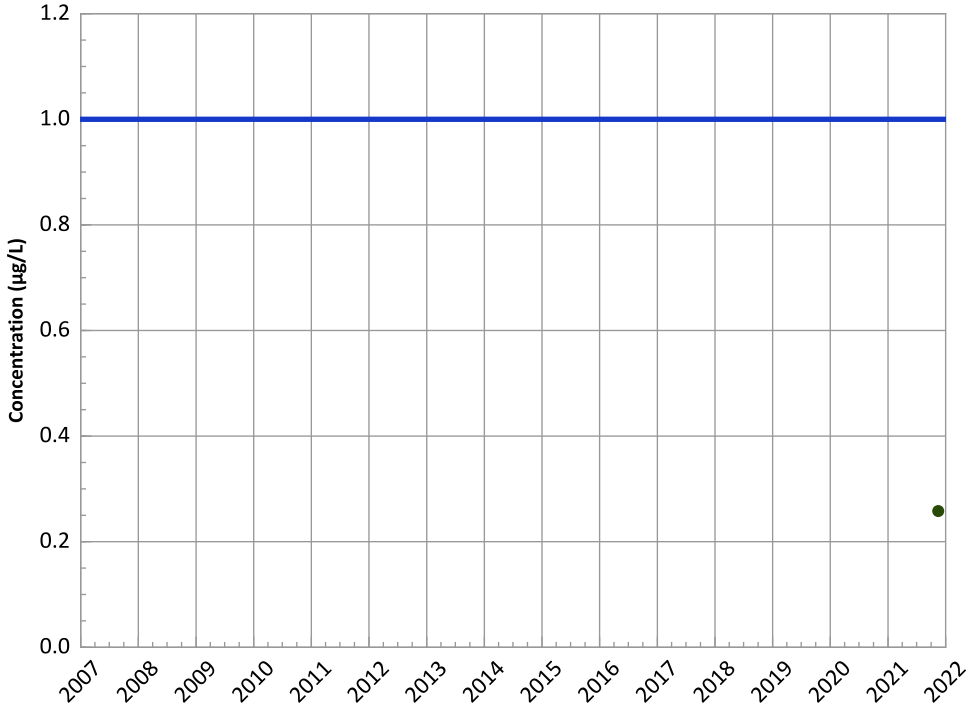
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

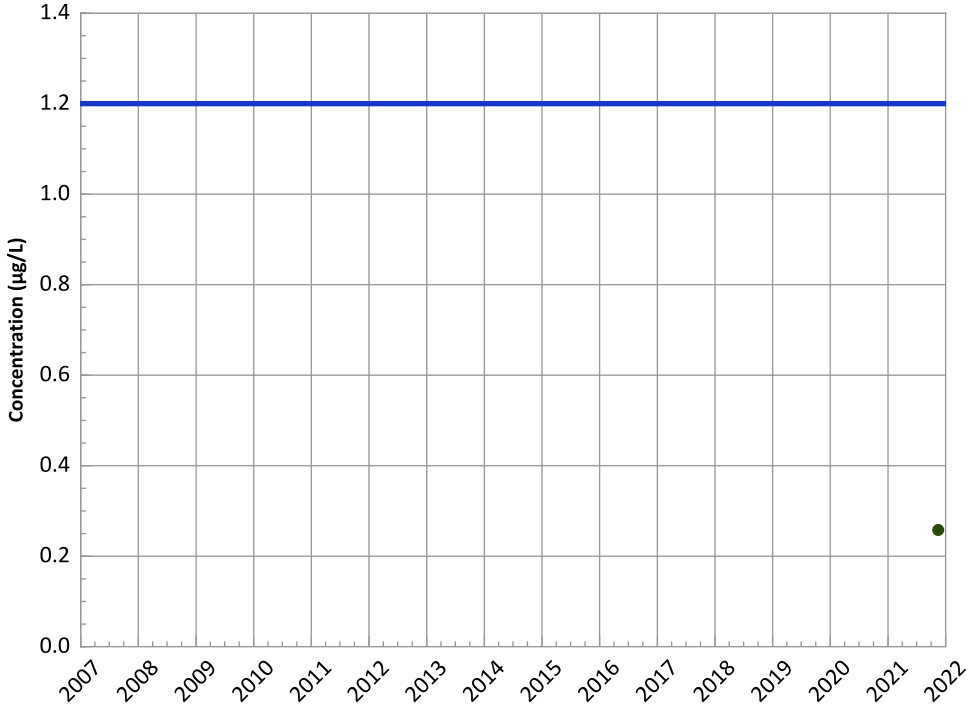


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

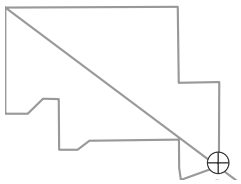
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

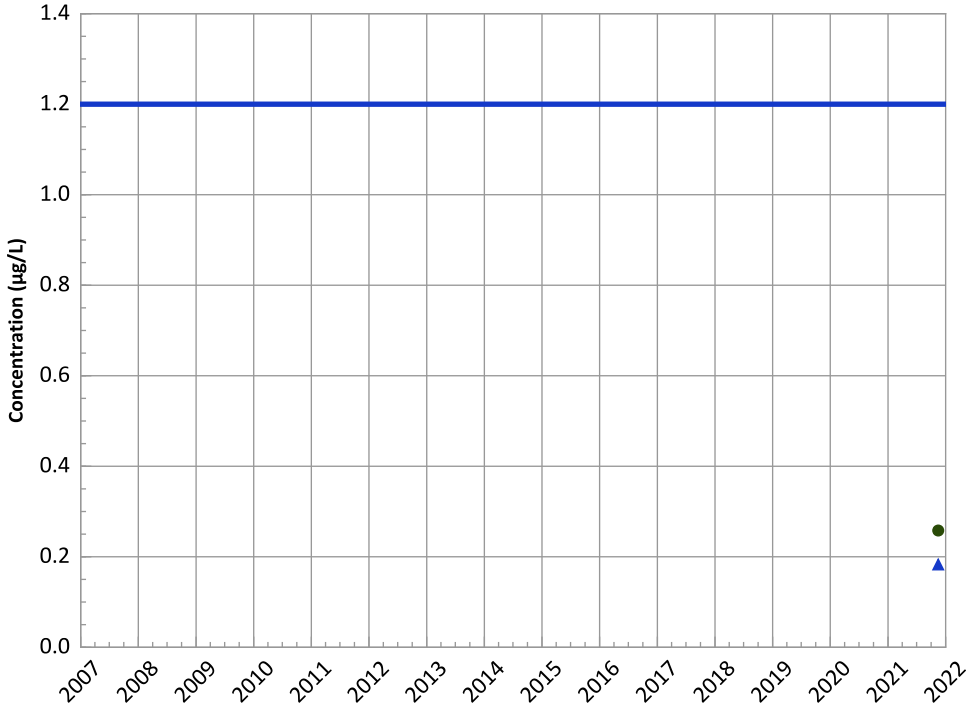
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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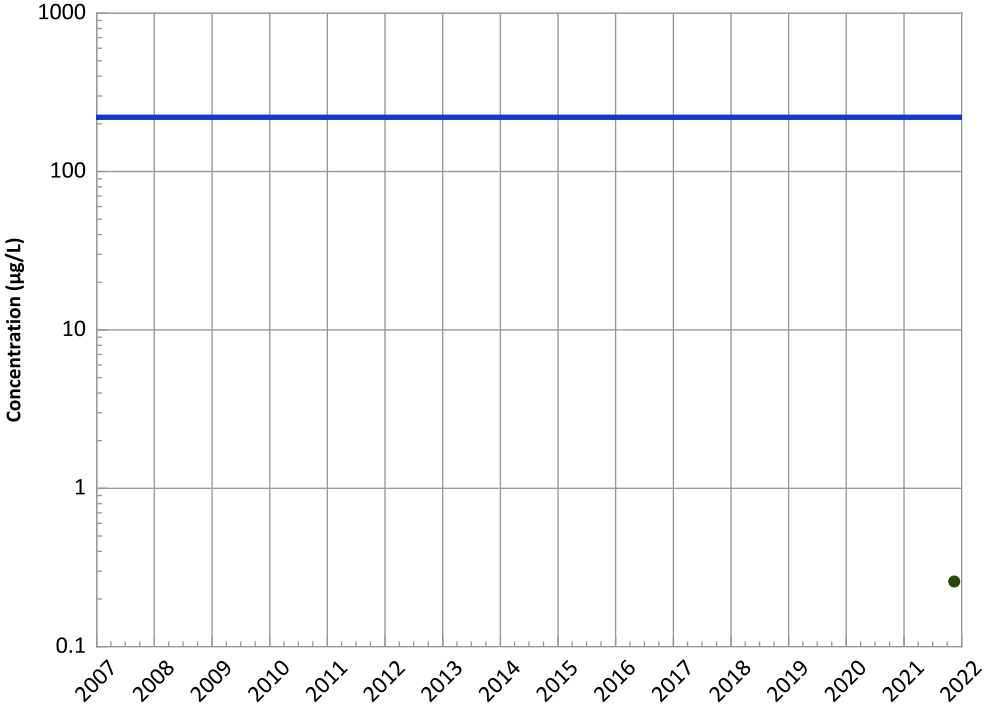
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

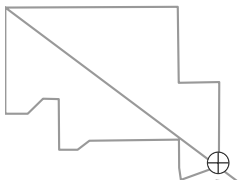
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

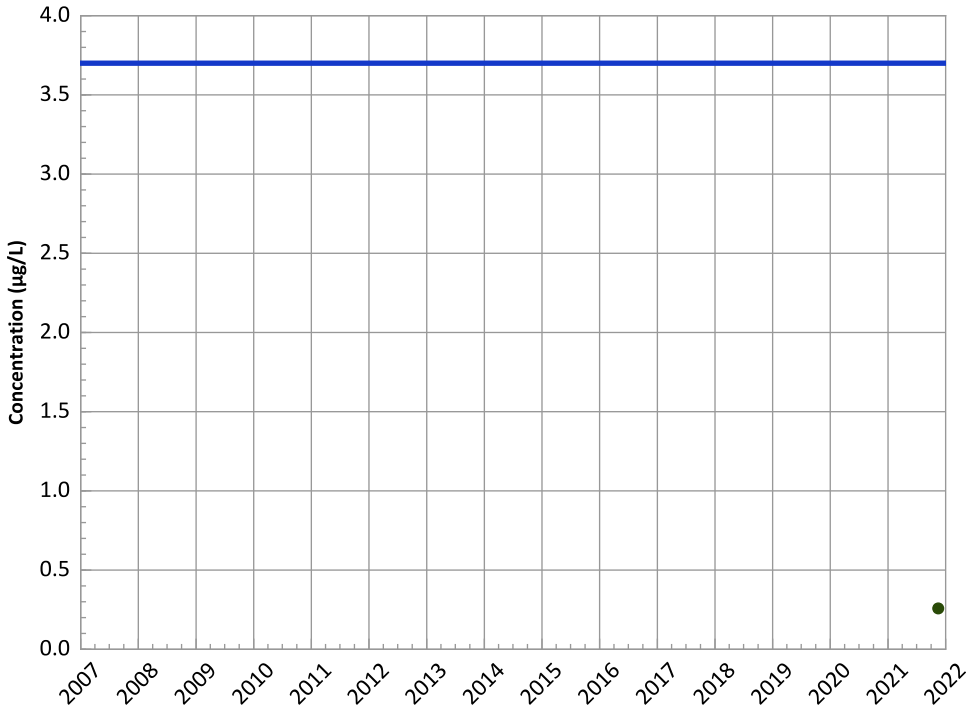
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

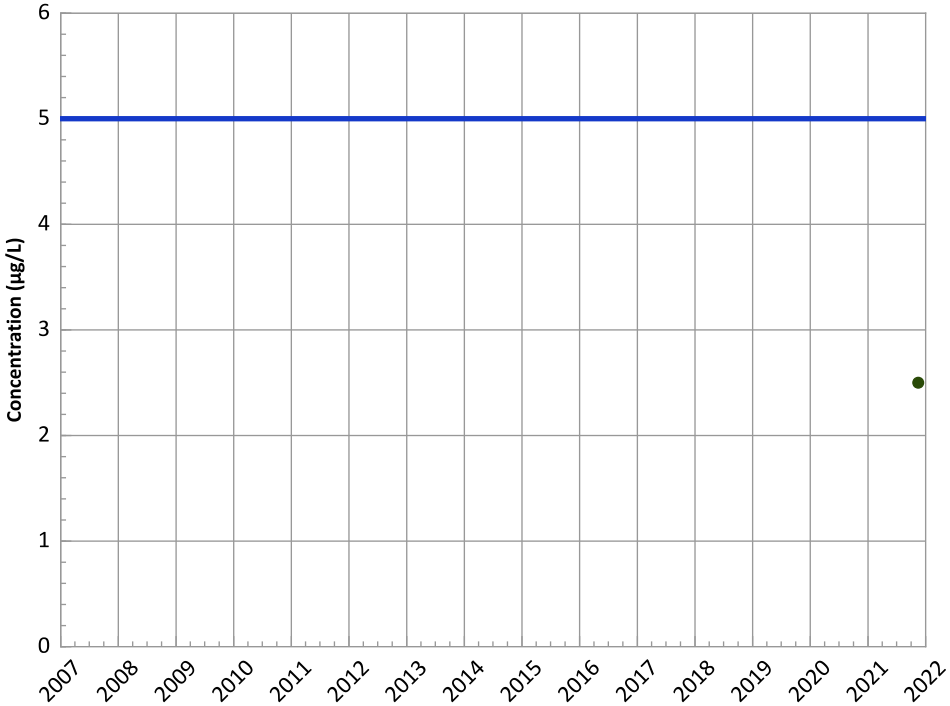


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

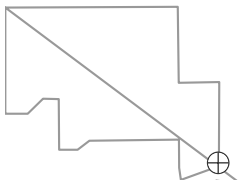
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

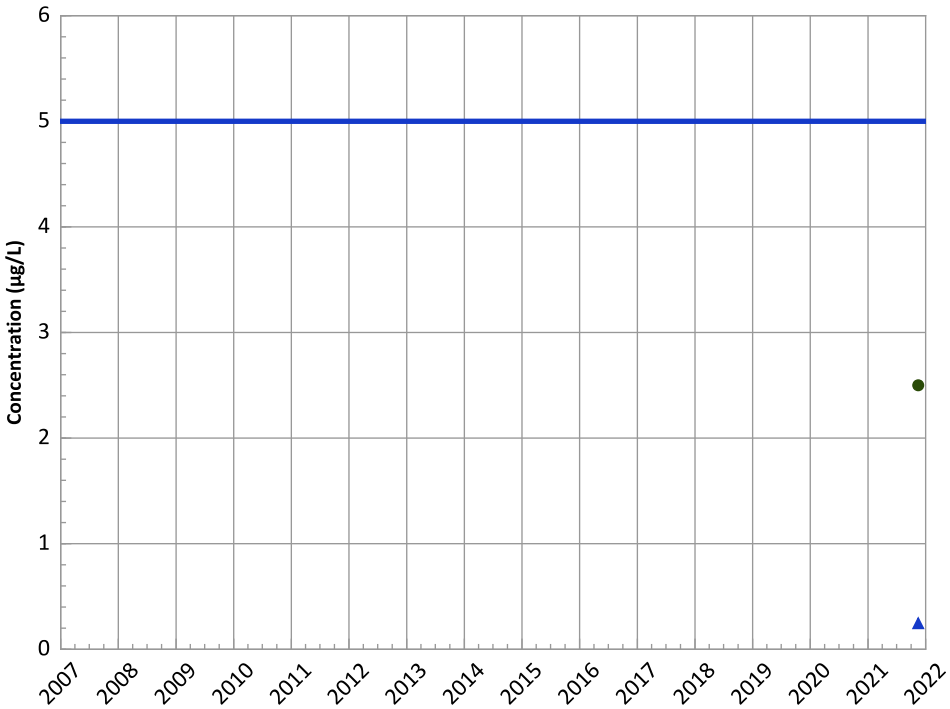
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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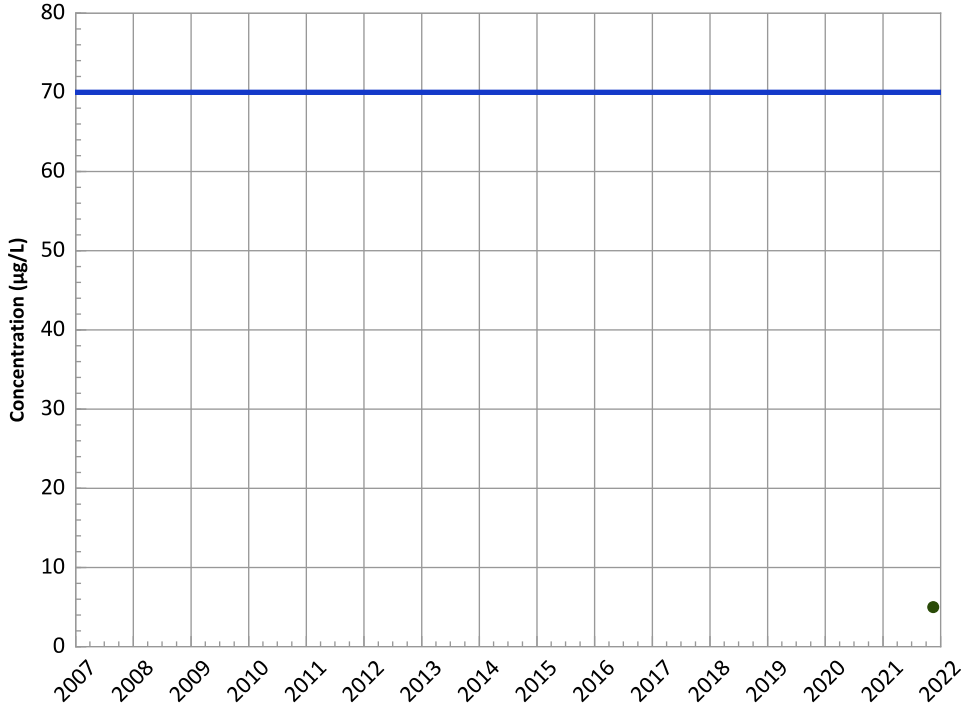
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

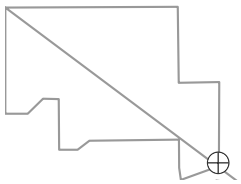
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

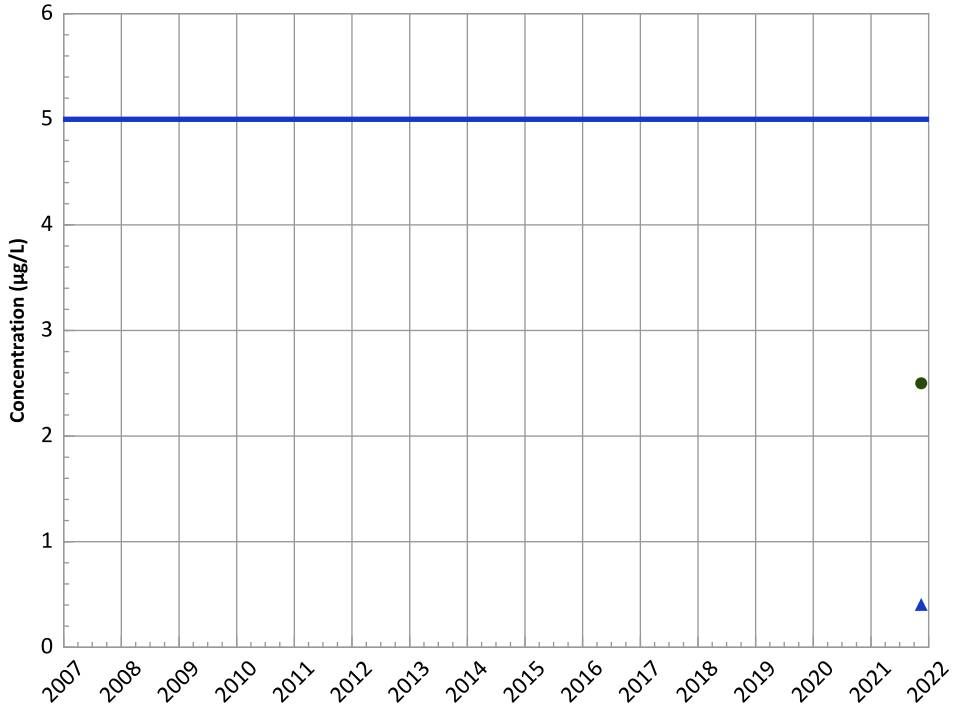
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

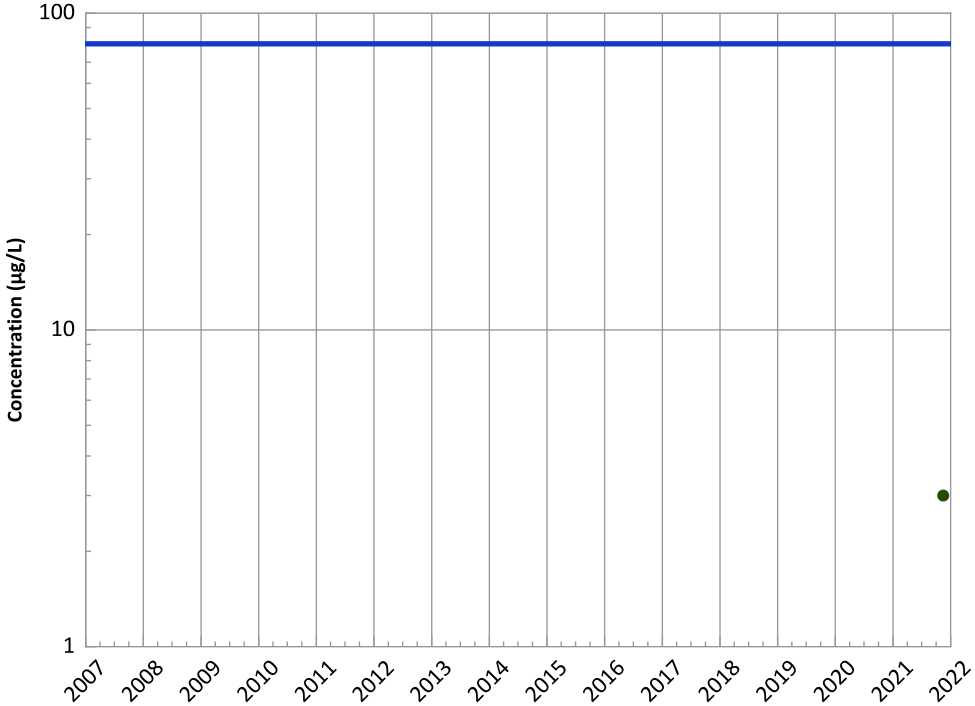


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

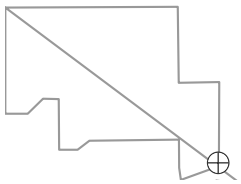
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

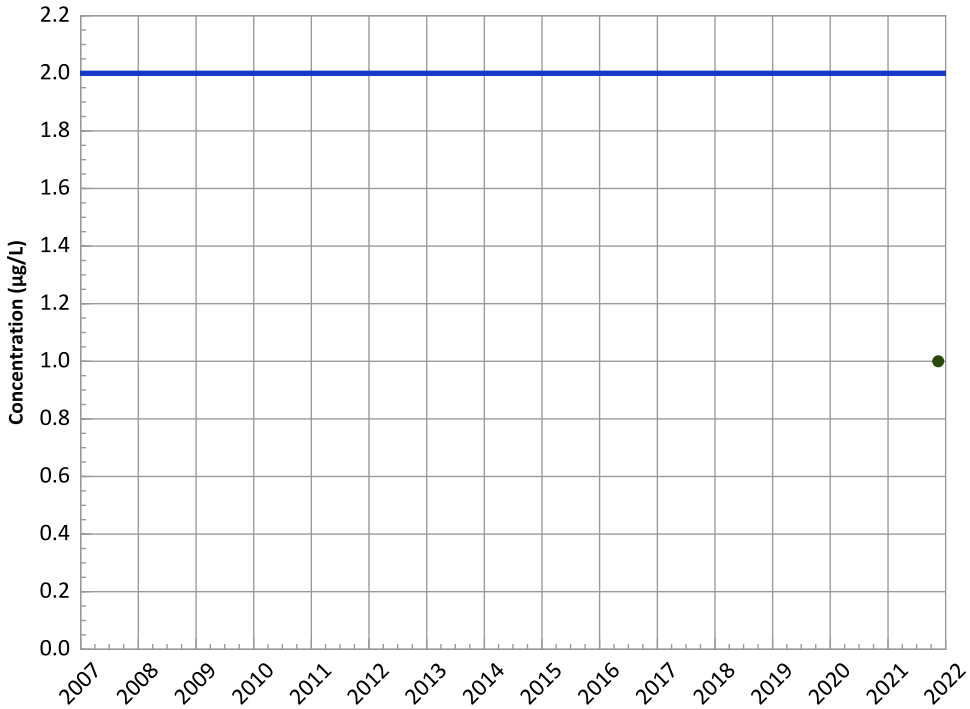
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Vinyl Chloride Trend

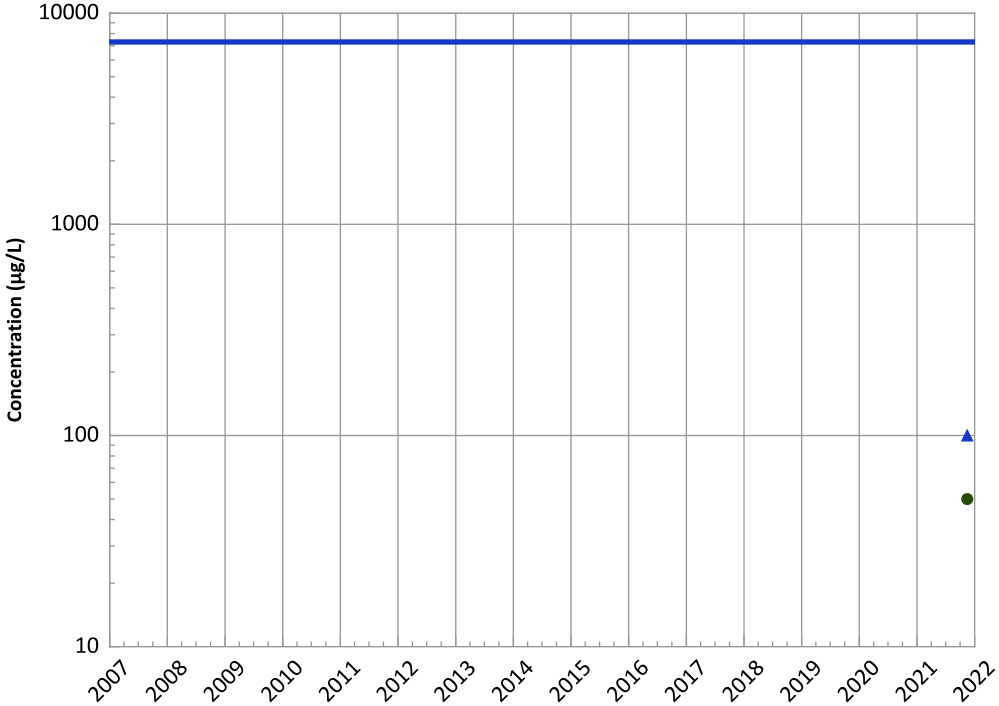


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Boron Trend



Concentration Trend

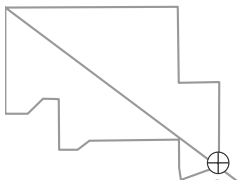
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

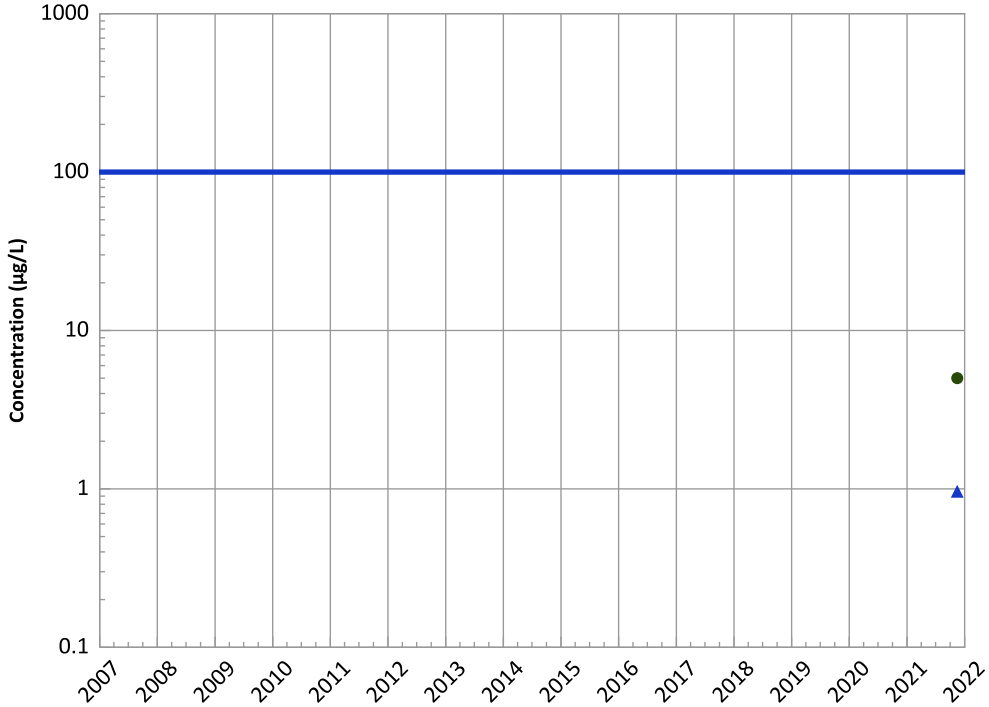
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

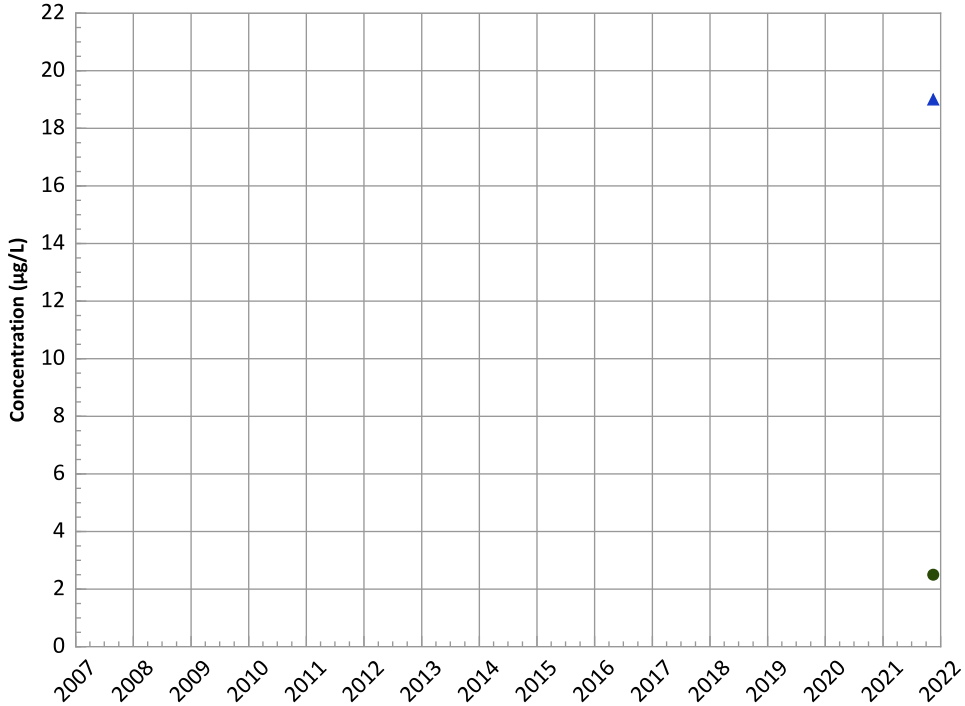


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
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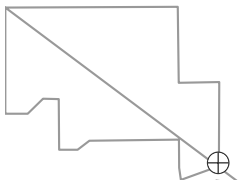
MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

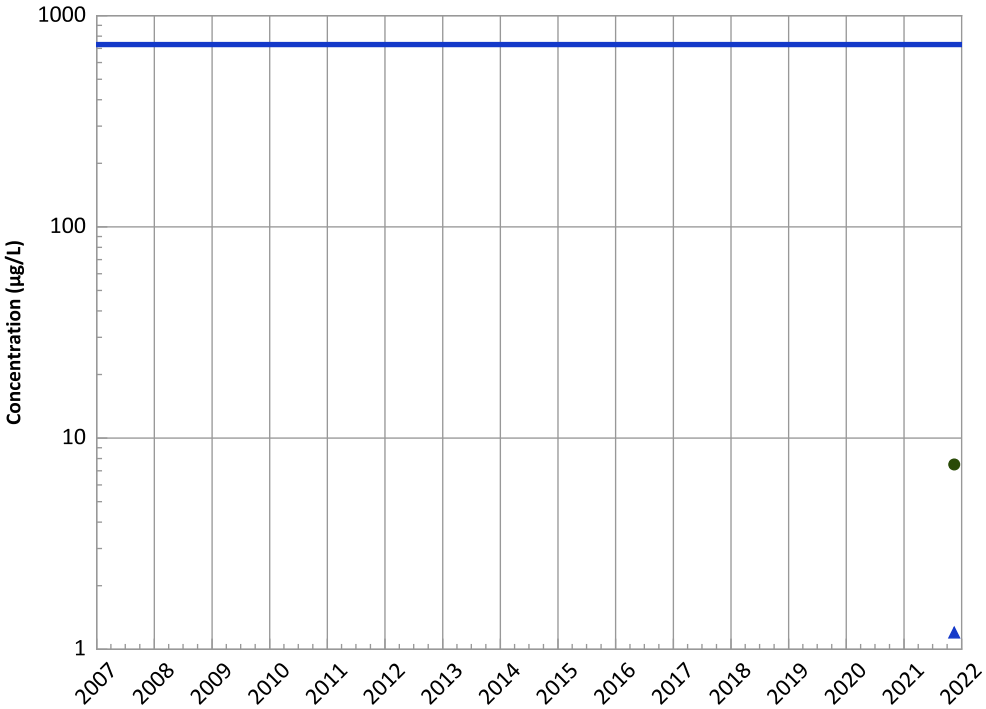
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
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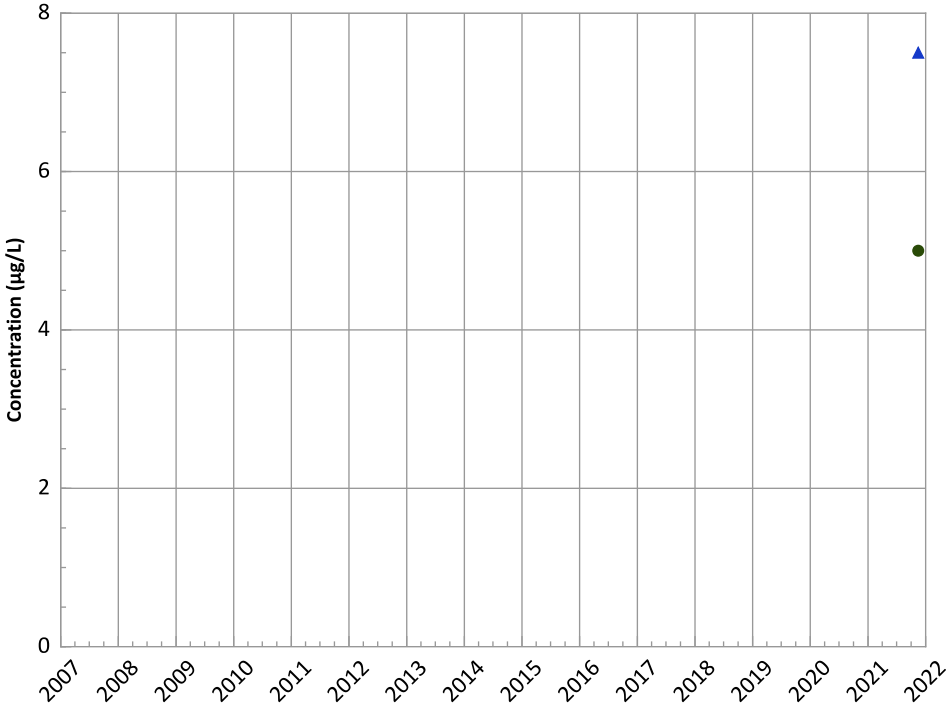
Molybdenum Trend



Concentration Trend

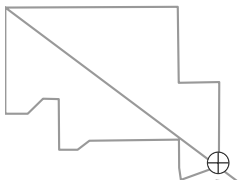
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

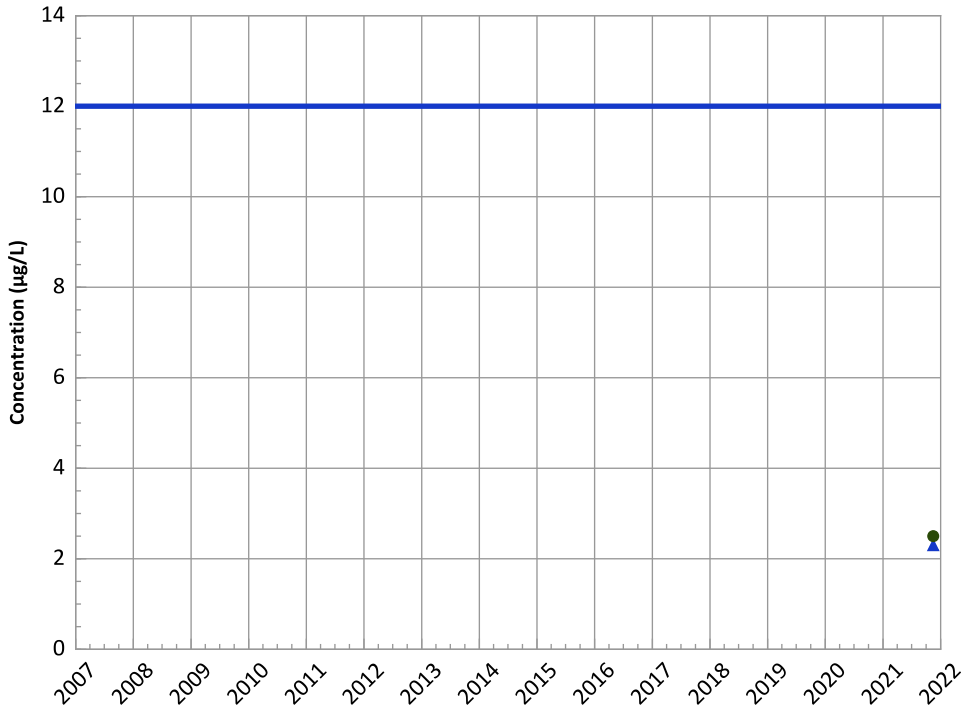
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

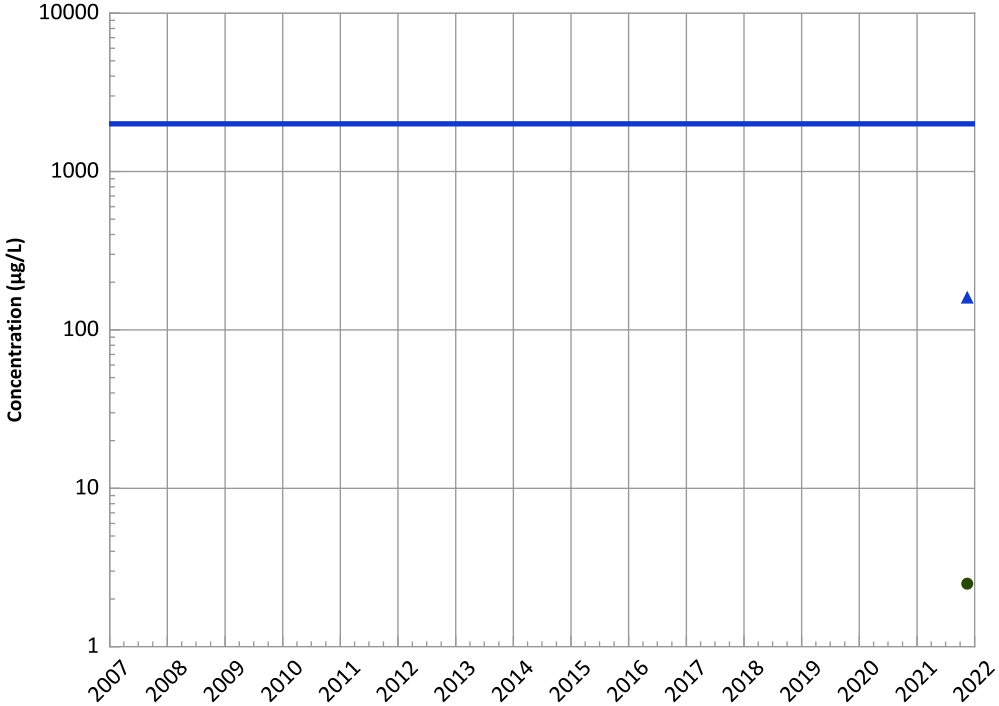


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Barium Trend



Concentration Trend

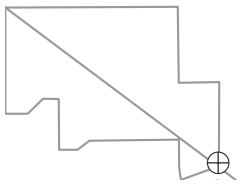
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

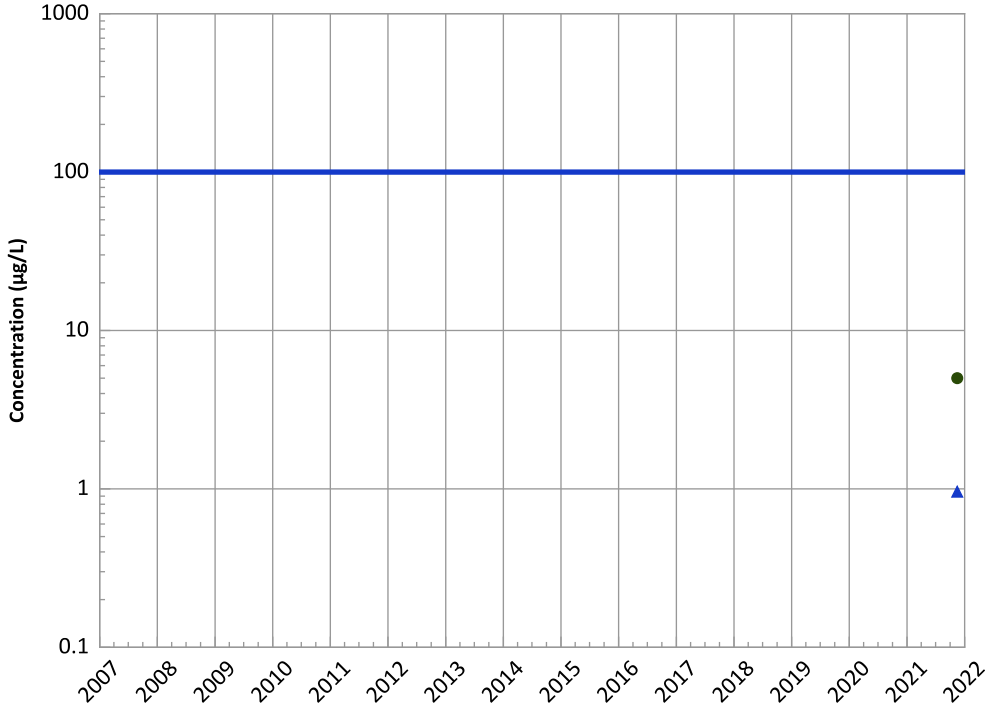
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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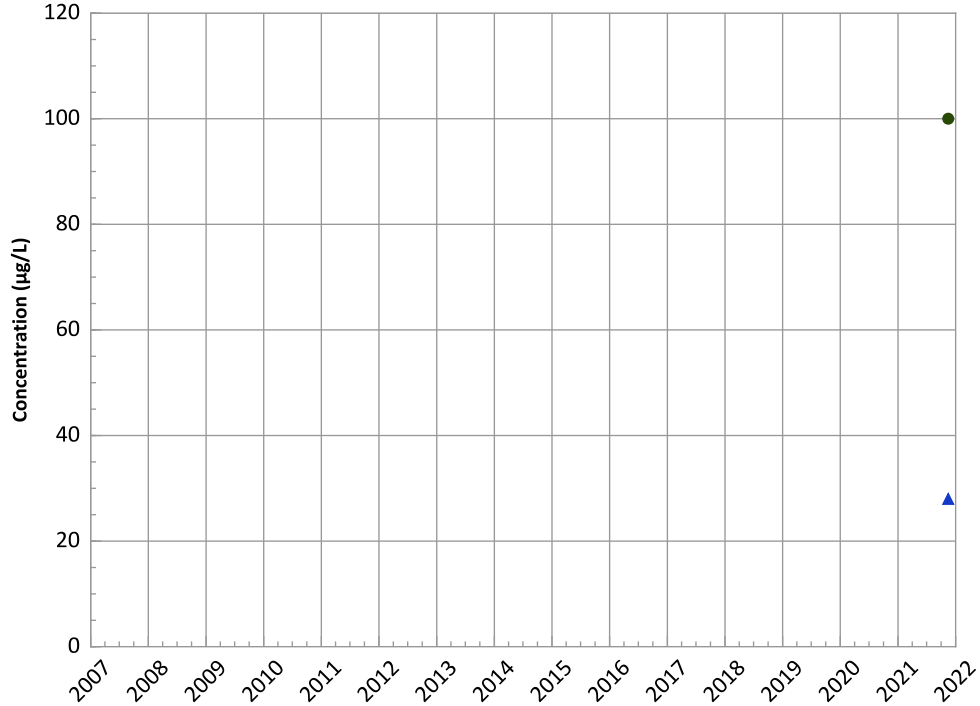
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Iron Trend



Concentration Trend

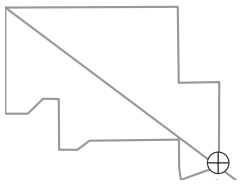
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

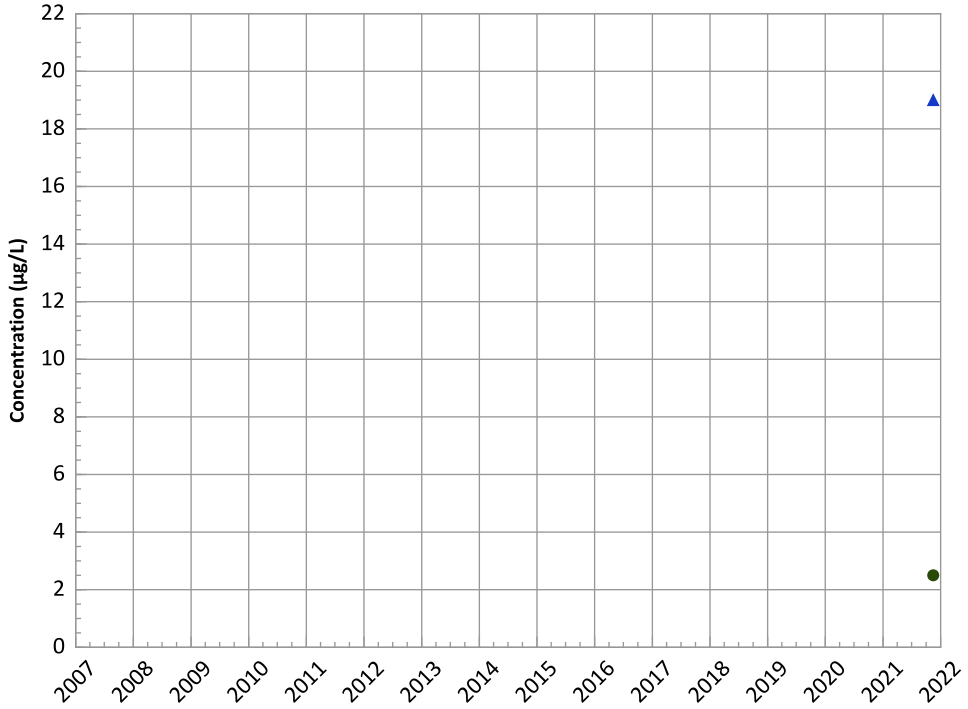
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

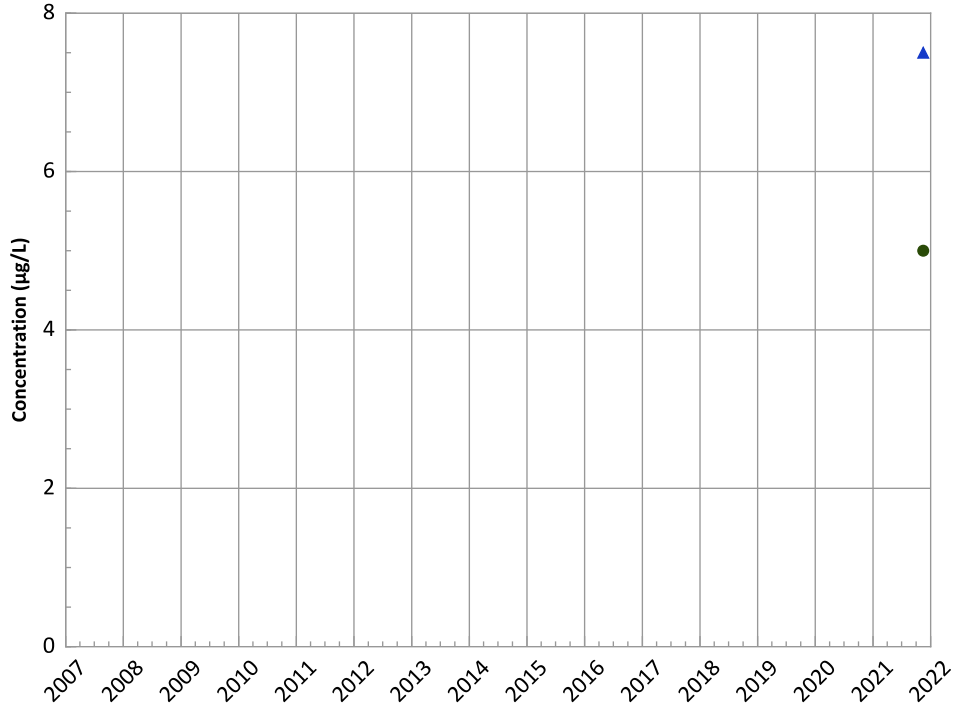


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Molybdenum Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
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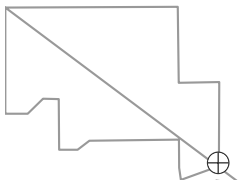
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

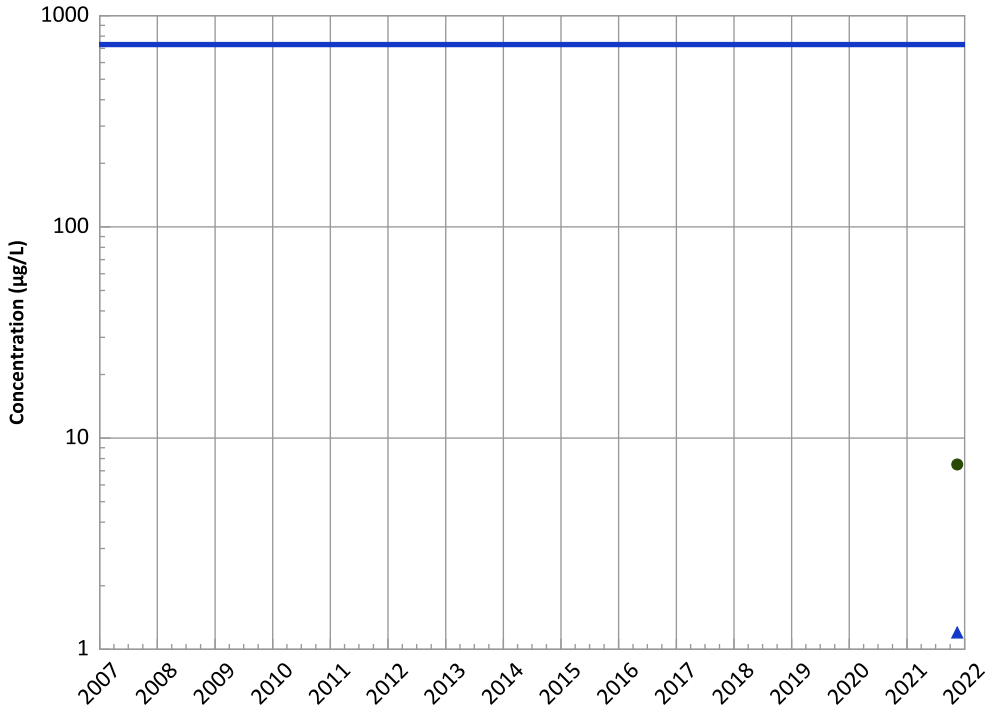
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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2019 - 2021 Data:
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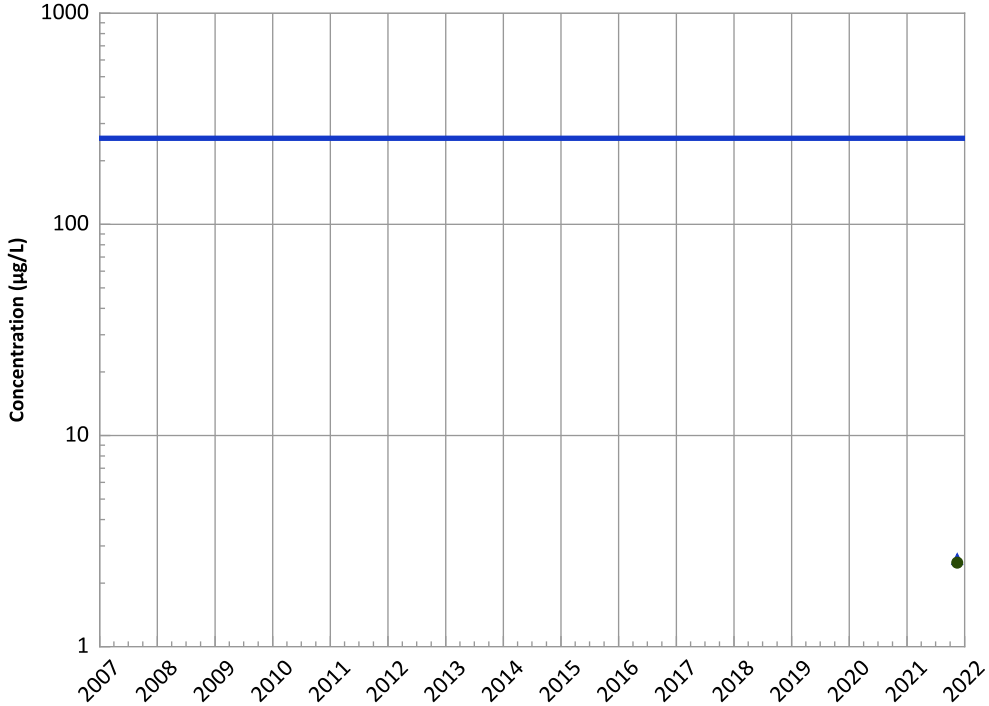
Vanadium Trend



Concentration Trend

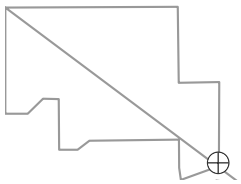
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

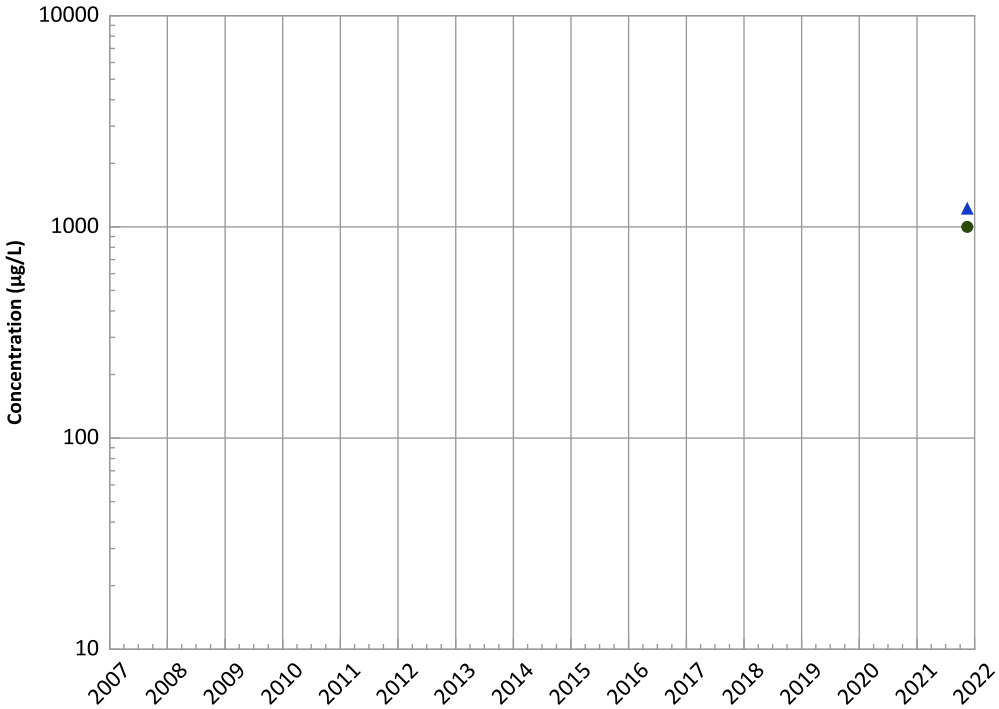
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend



Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
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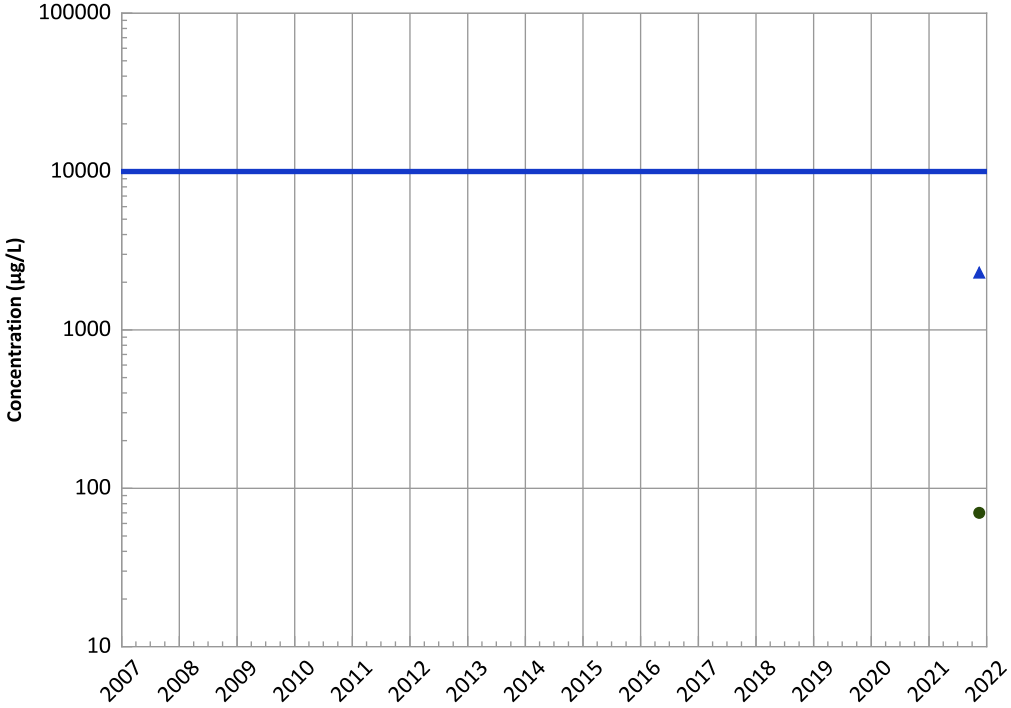
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Nitrate as N Trend



Concentration Trend

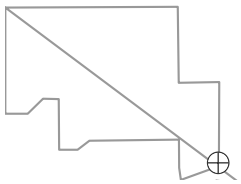
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

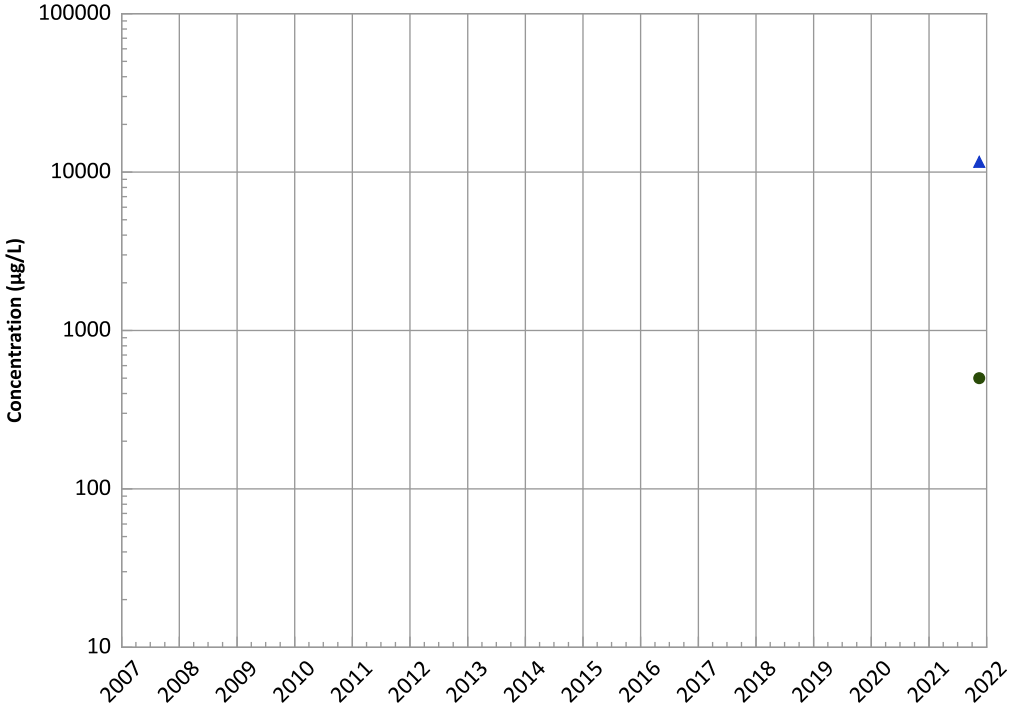
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB331 in Perched Aquifer
USDOE/NNSA Pantex Plant

Sulfate (as SO4) Trend



Concentration Trend

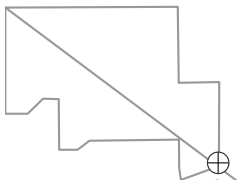
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

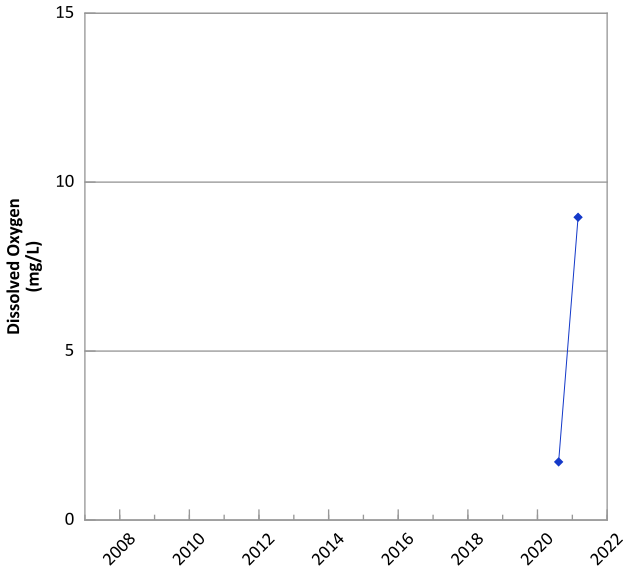
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/15/2021 to 11/15/2021
Analysis Date: 05/26/2022

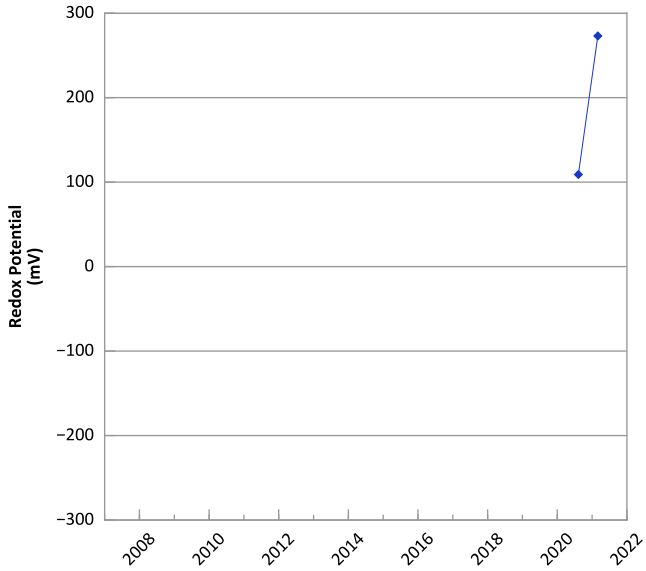
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

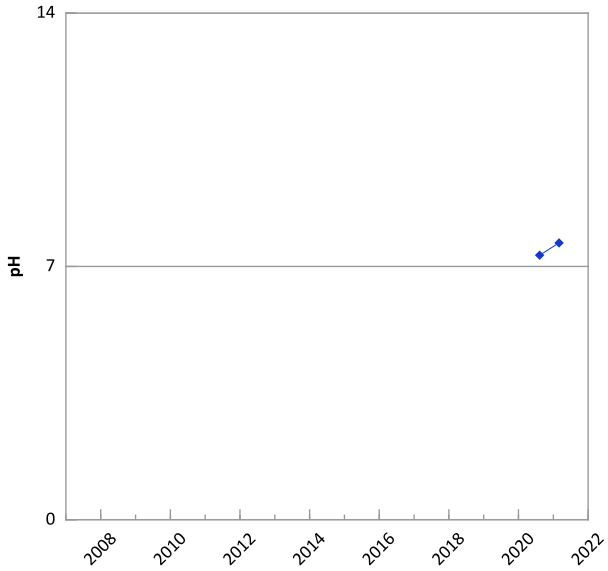
Well Location

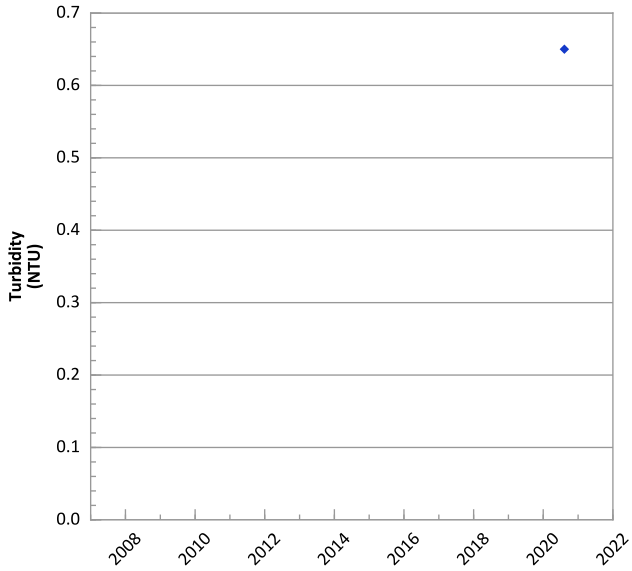


PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



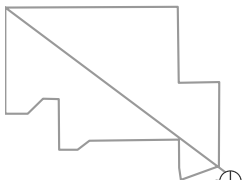






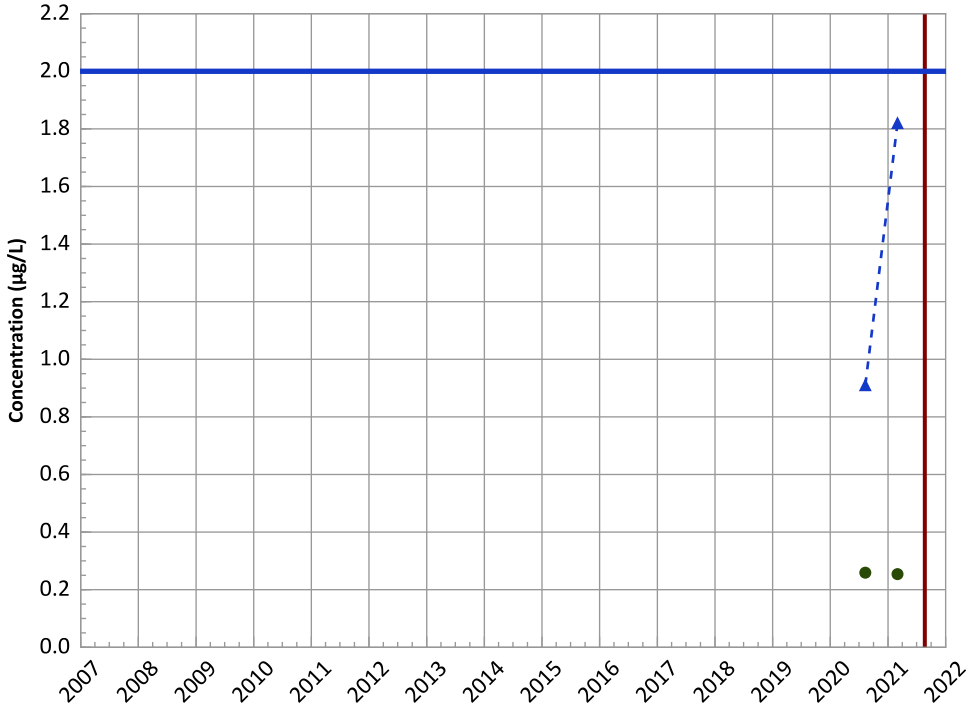
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

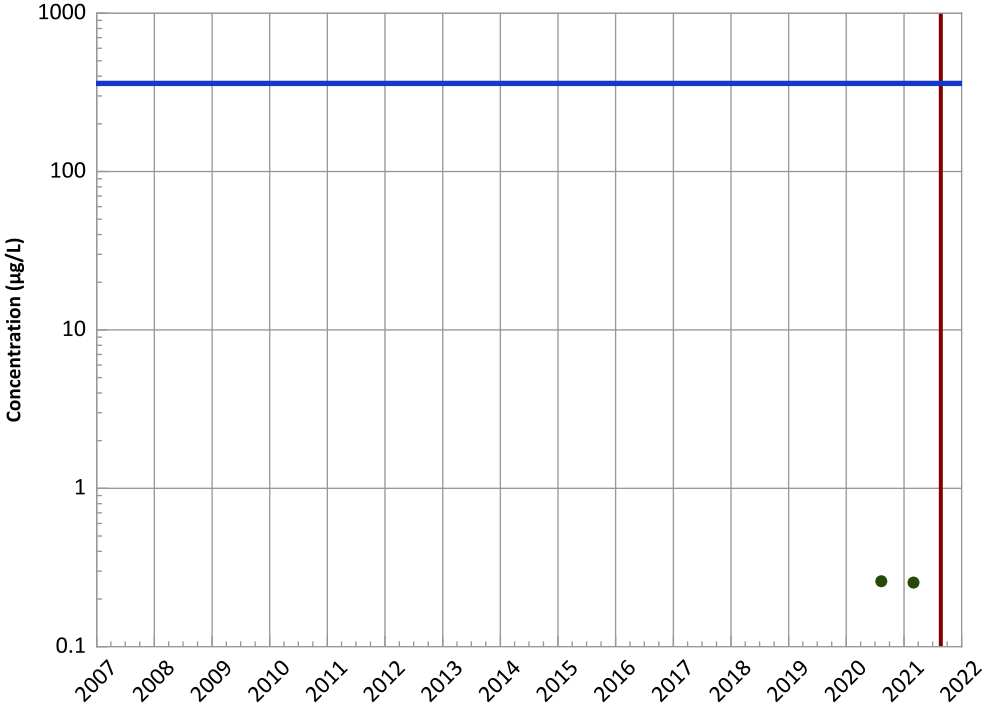


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

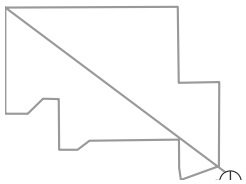
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

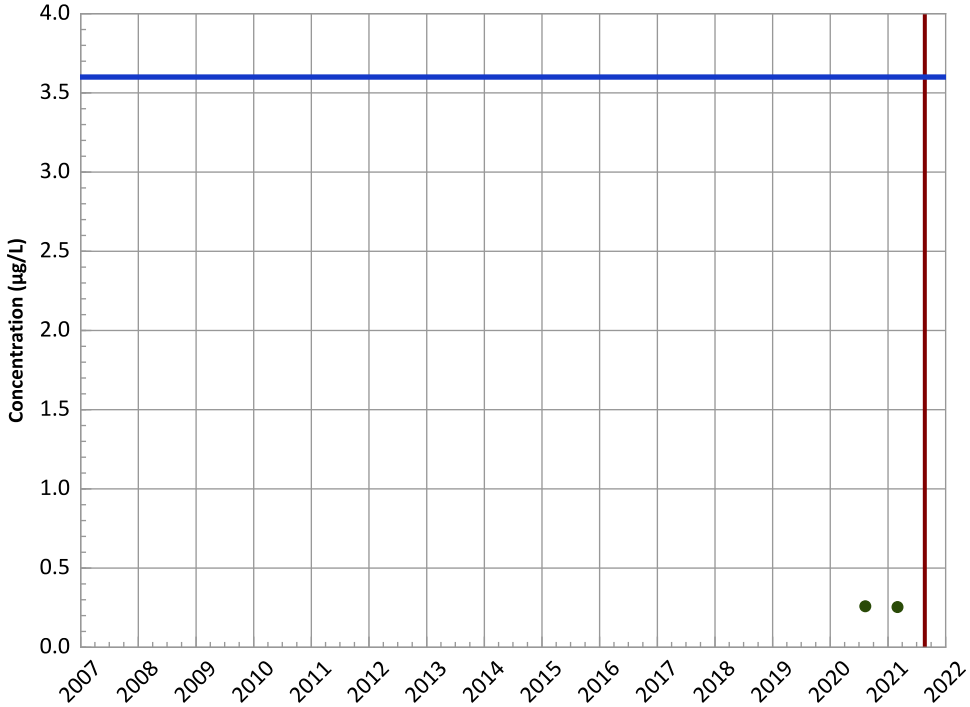
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

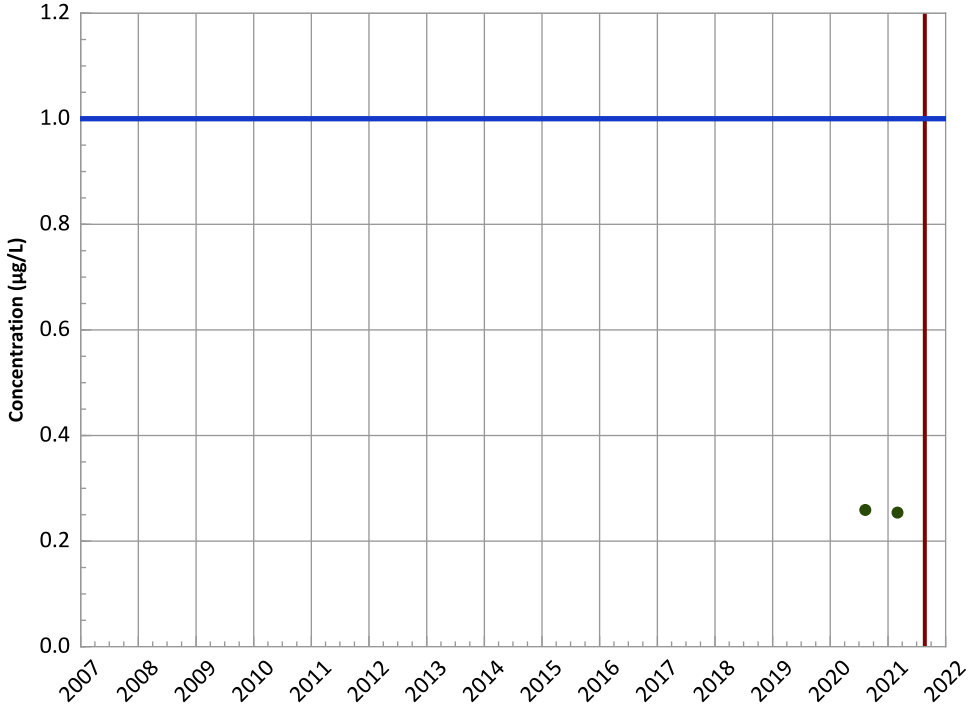


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

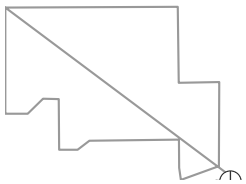
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

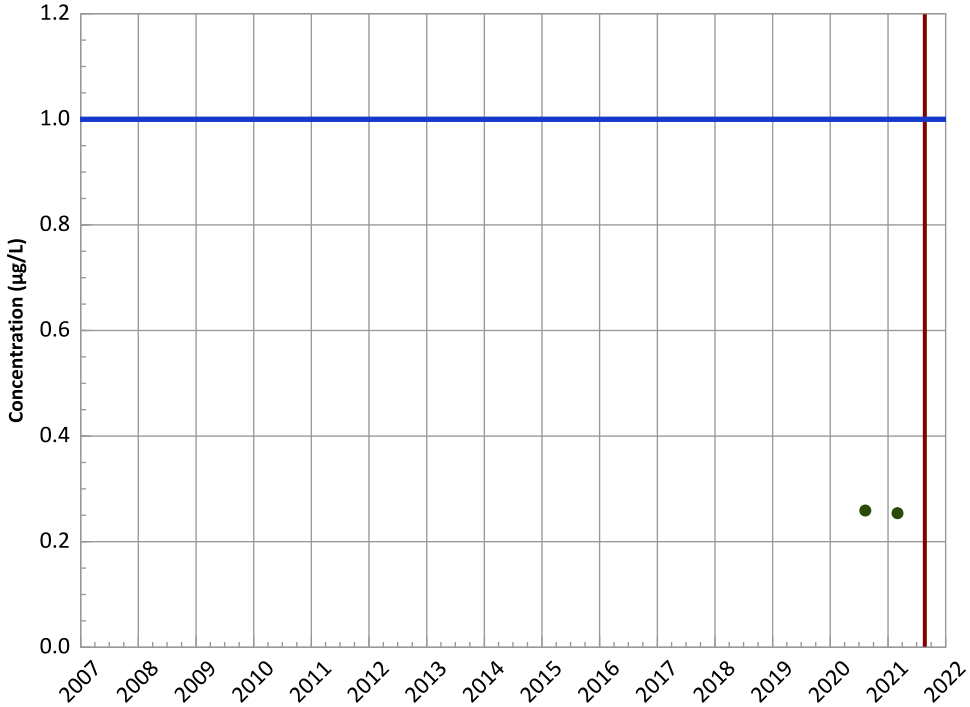
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

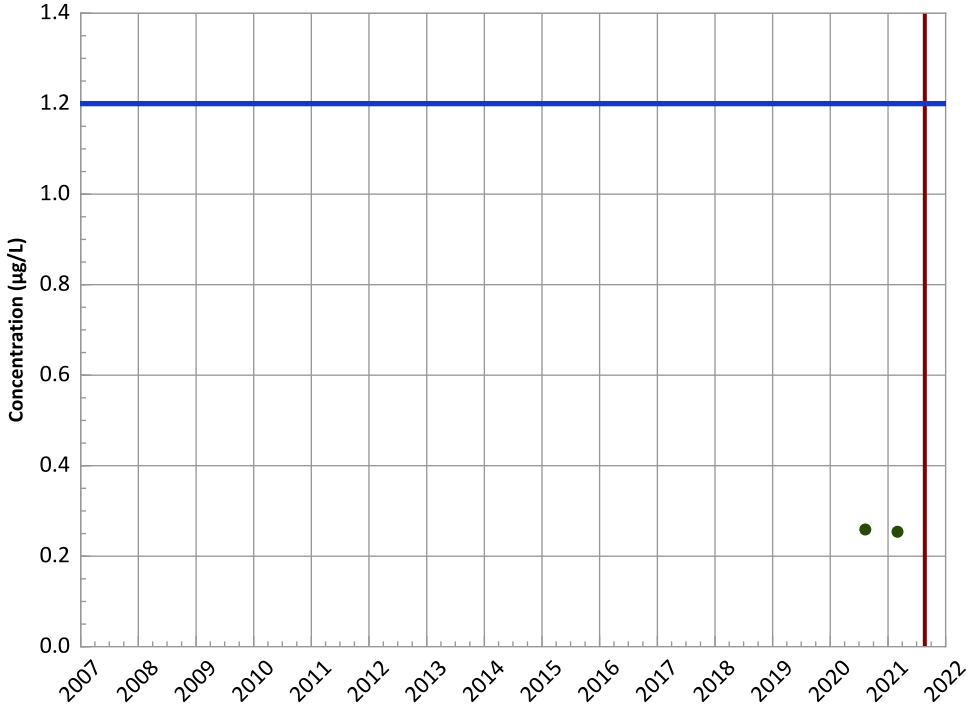


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

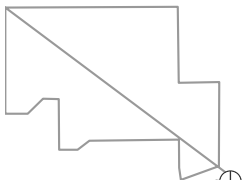


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Well Location

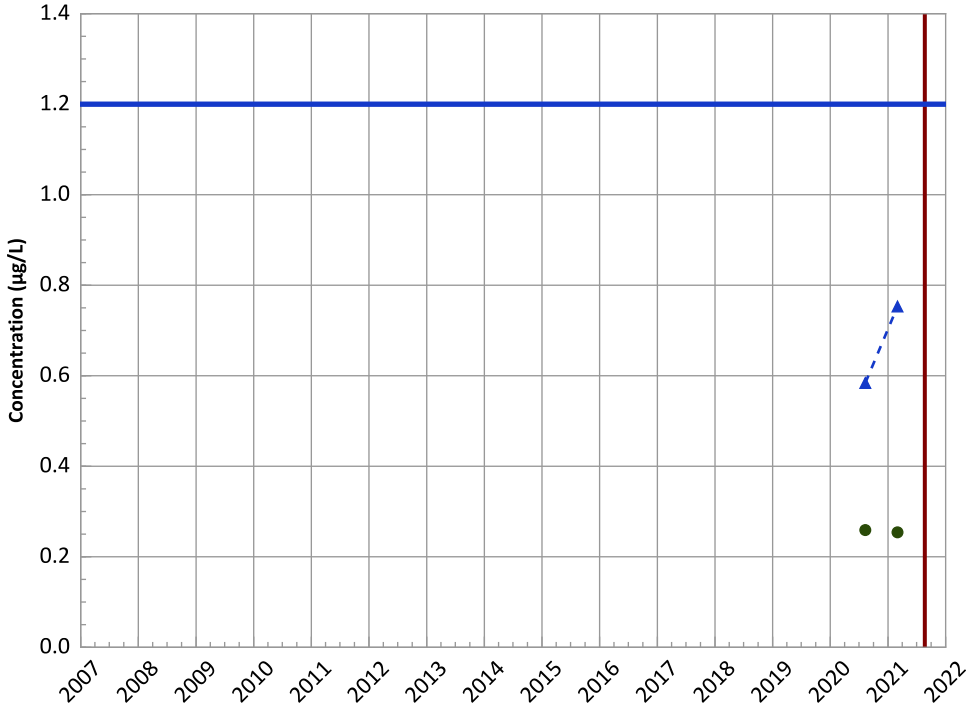


Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

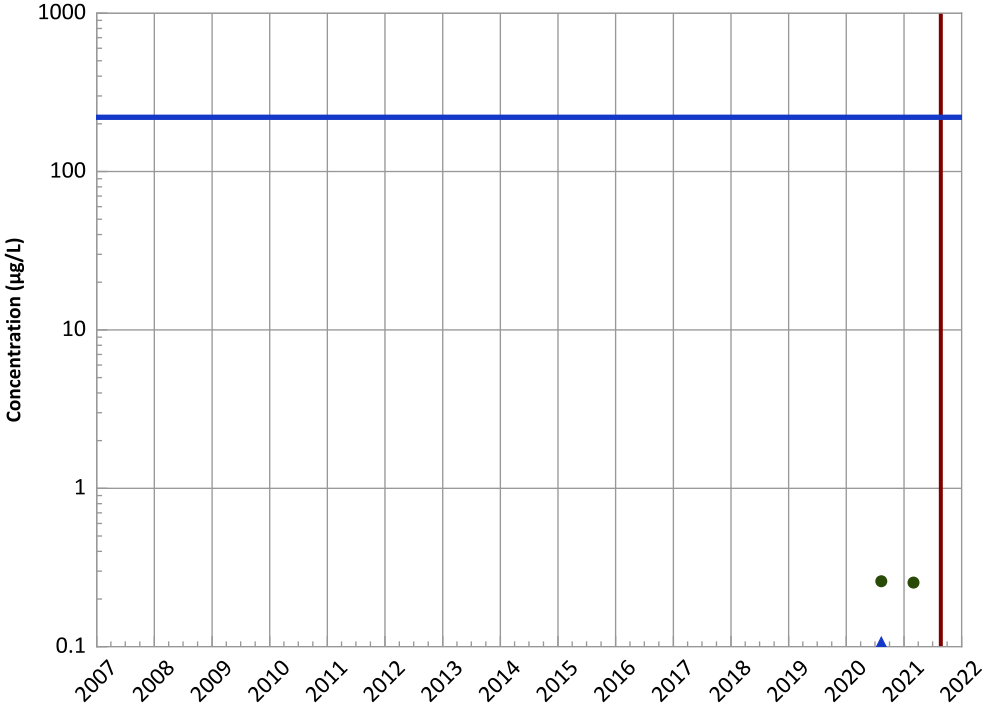


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

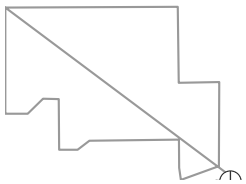
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

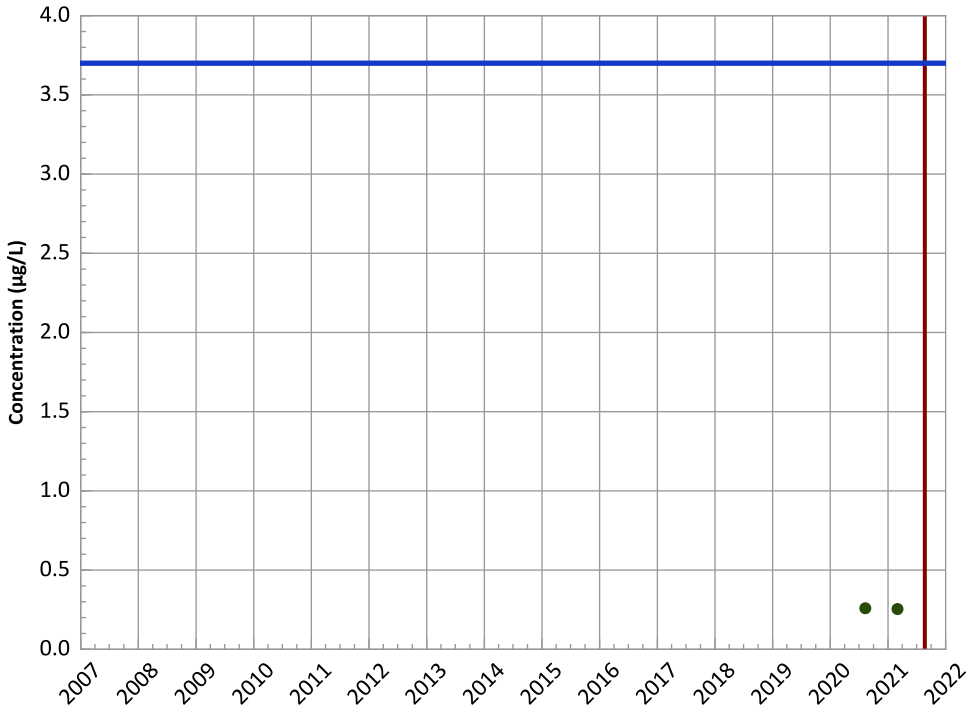
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB401 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

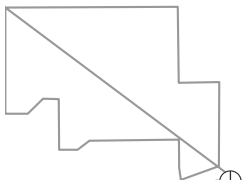


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

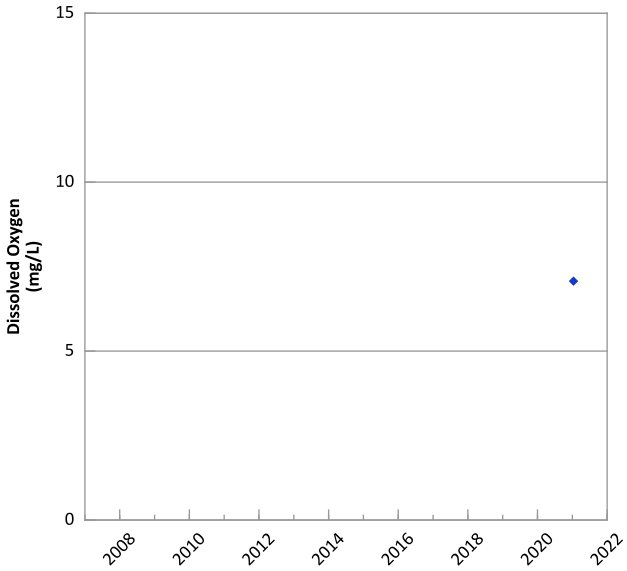
Well Location

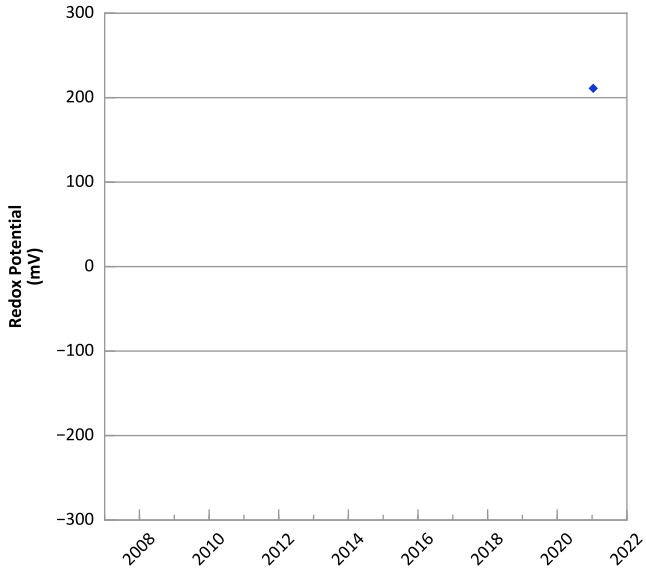


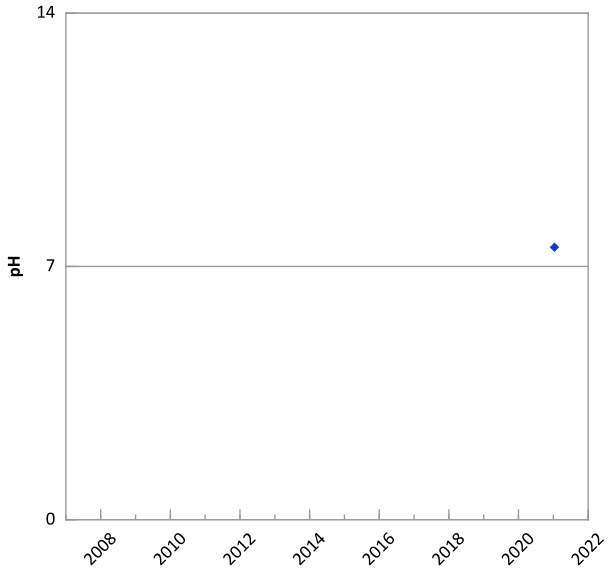
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 08/10/2020 to 03/02/2021
Analysis Date: 05/26/2022

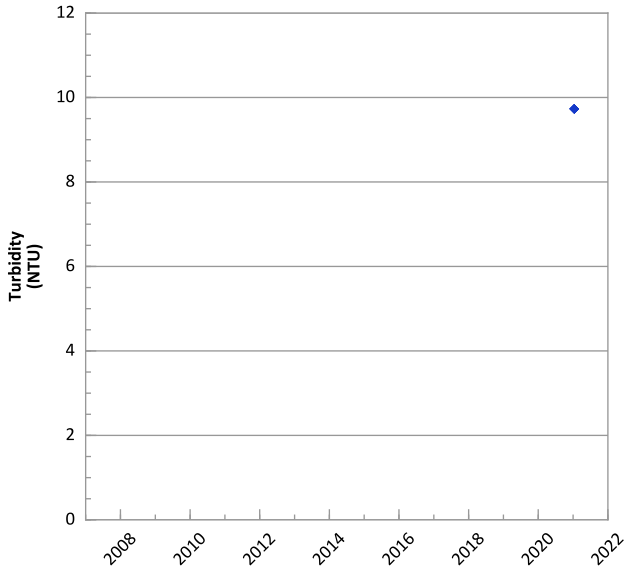
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



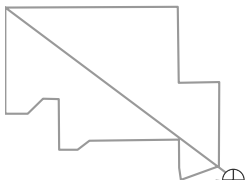






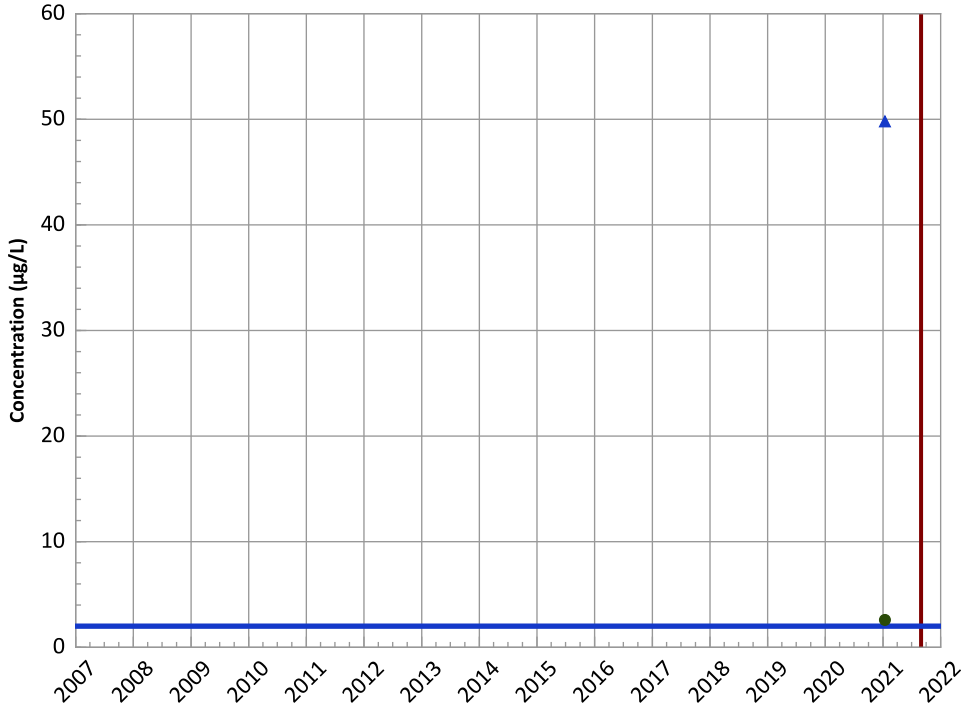
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

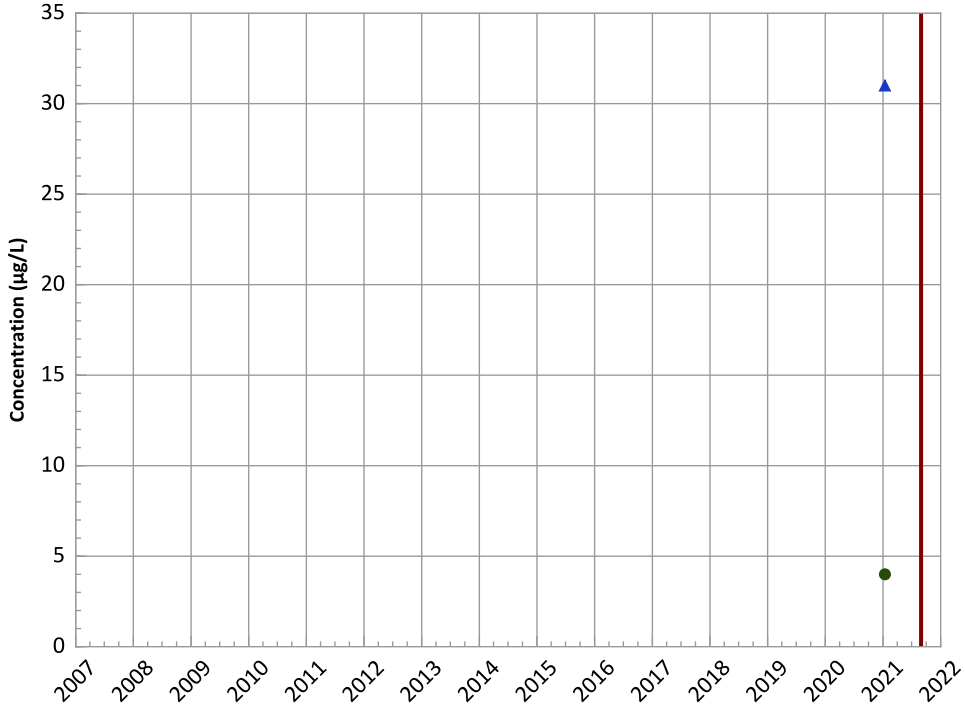


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

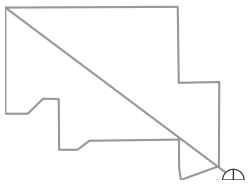
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

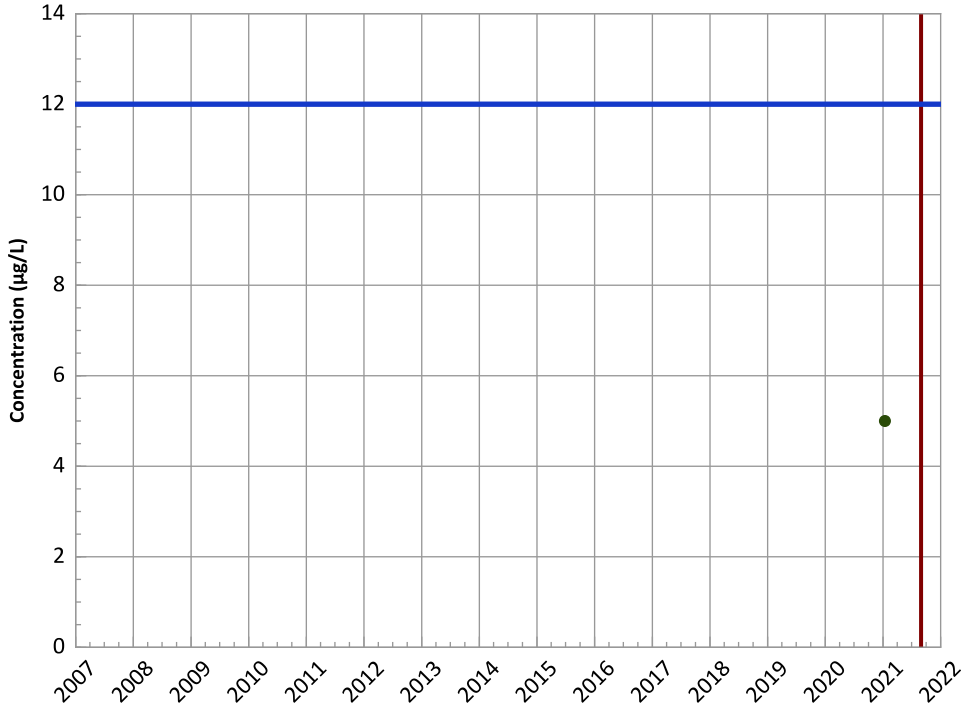
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

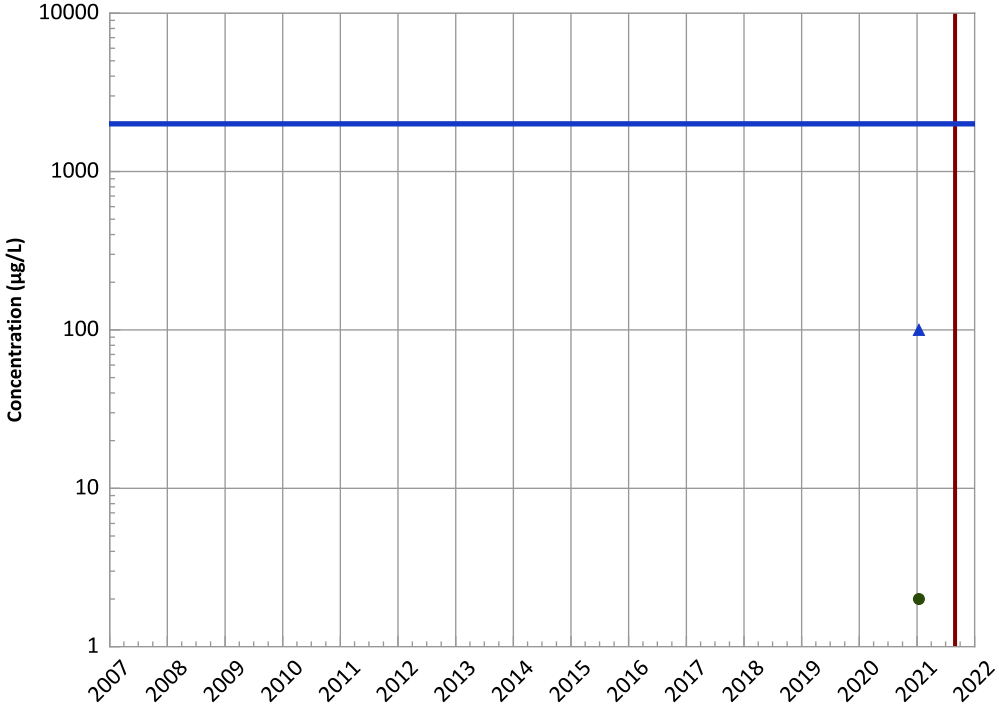


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Barium Trend



Concentration Trend

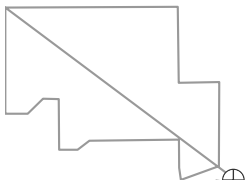
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

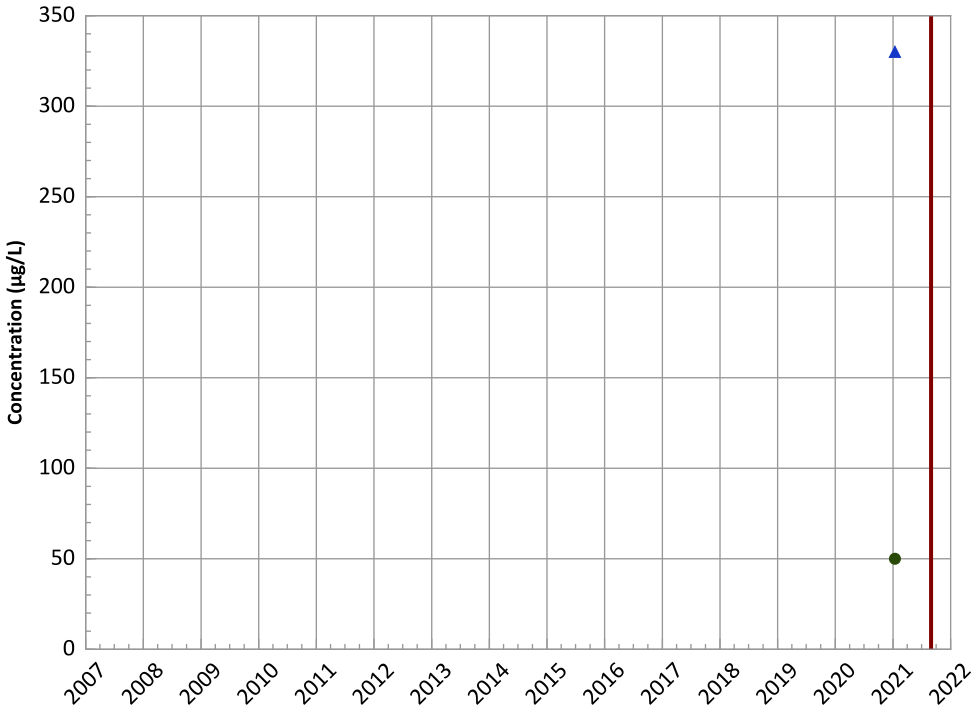
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

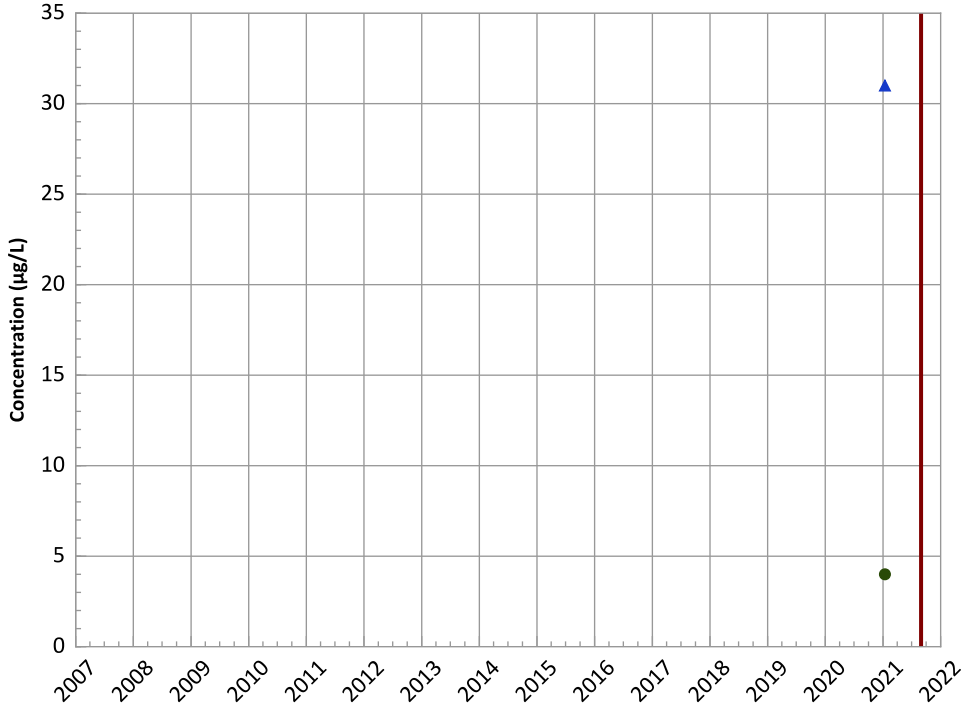


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

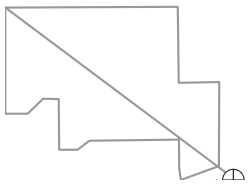
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)' 'N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)' 'N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

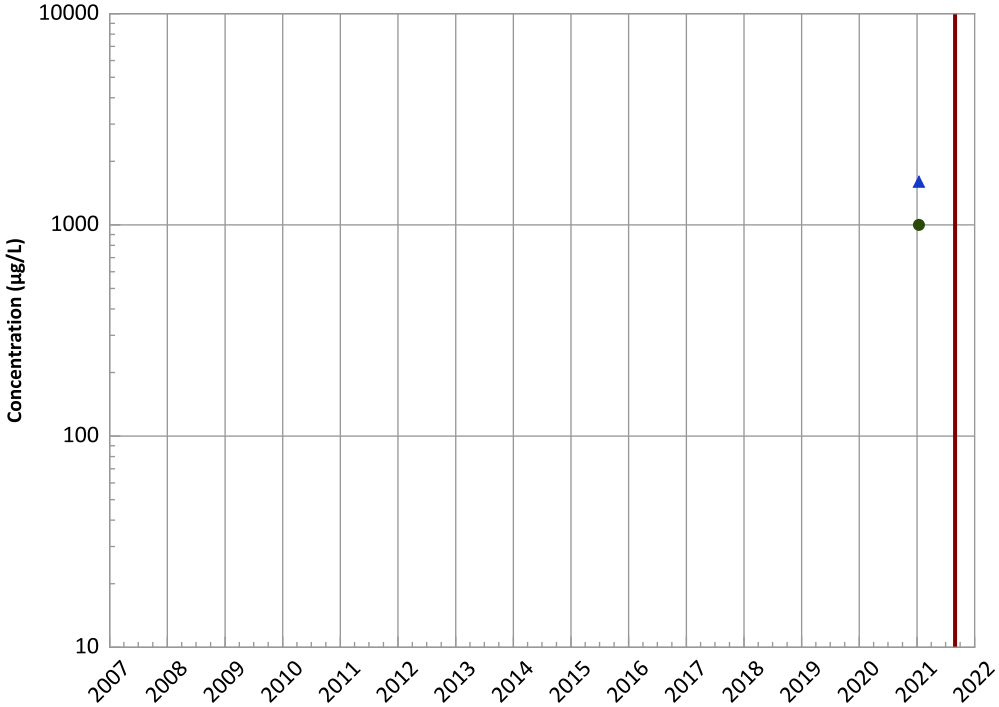
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant

Total Organic Carbon Trend

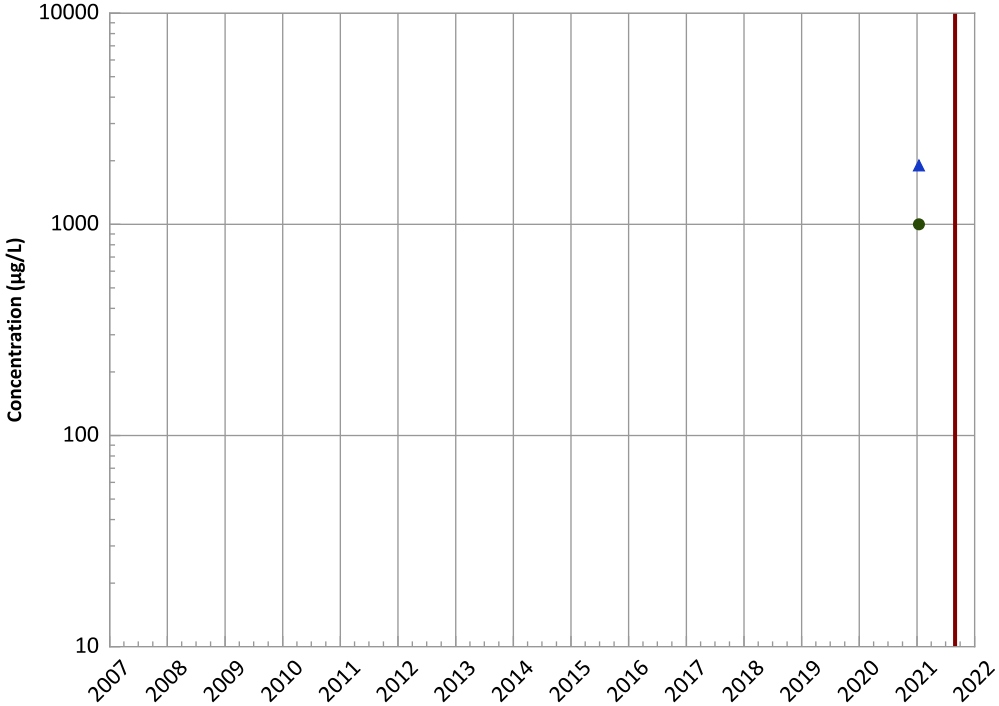


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Dissolved Organic Carbon (DOC) Trend



Concentration Trend

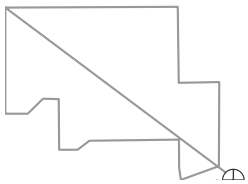
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

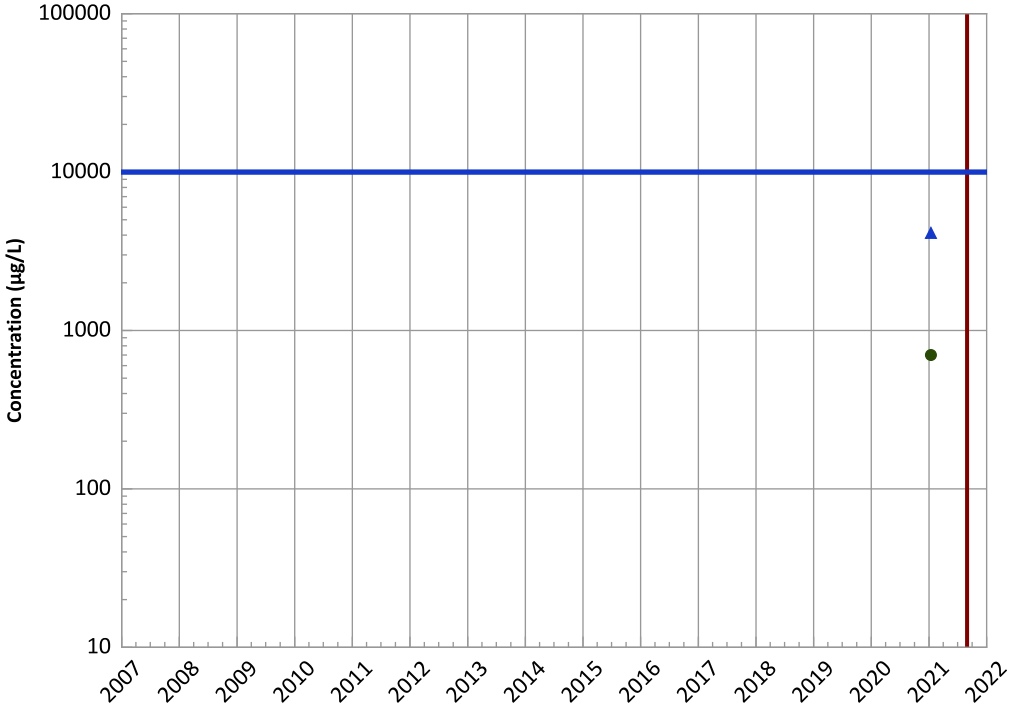
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB407 in Perched Aquifer
USDOE/NNSA Pantex Plant

Nitrate as N Trend

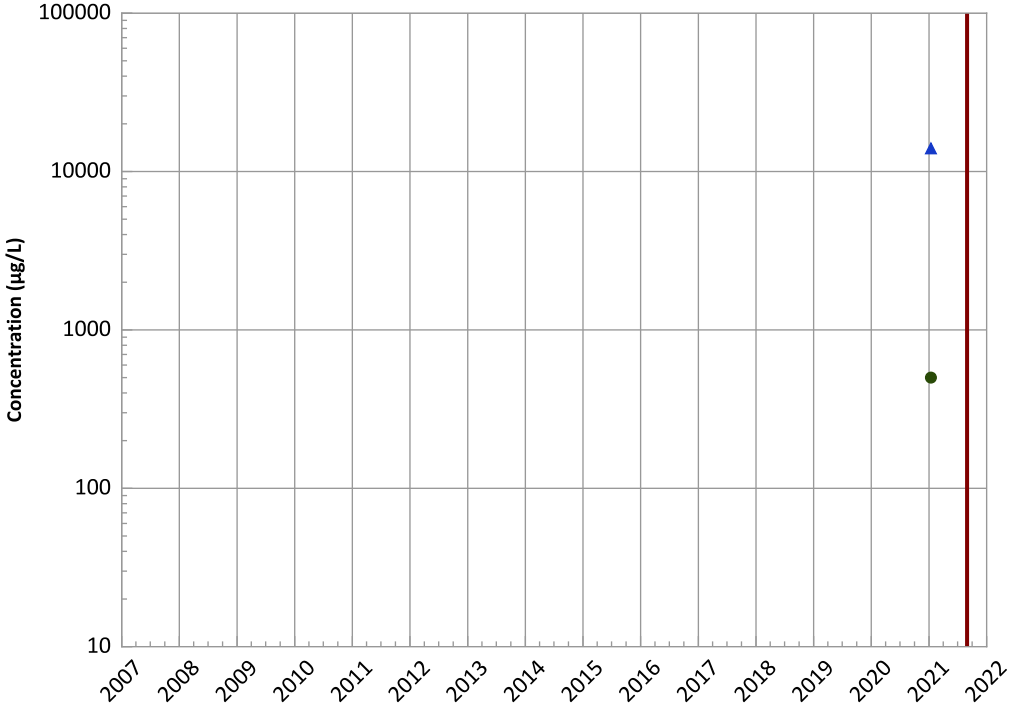


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Sulfate (as SO4) Trend



Concentration Trend

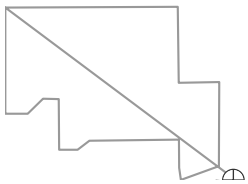
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

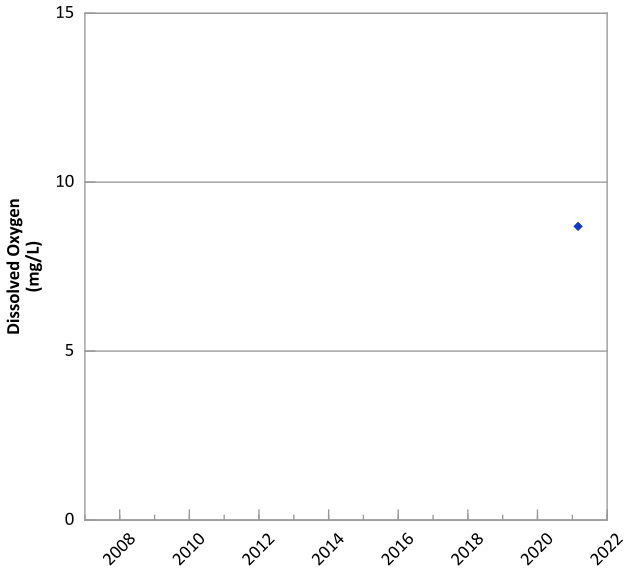
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 01/13/2021 to 01/13/2021
Analysis Date: 05/26/2022

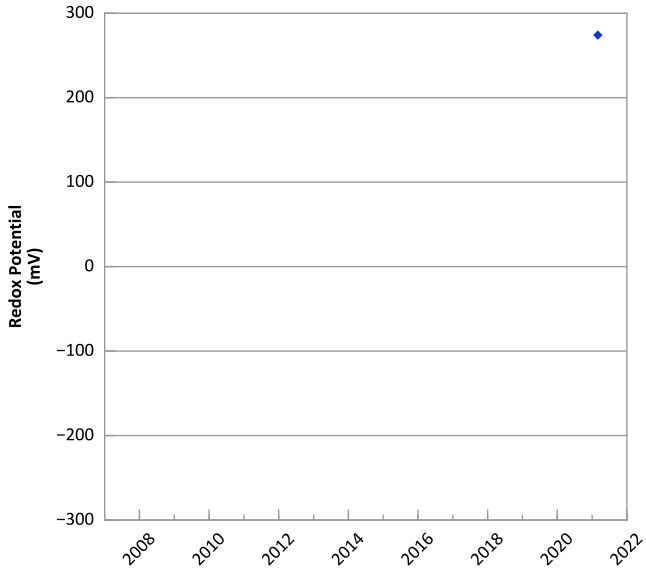
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

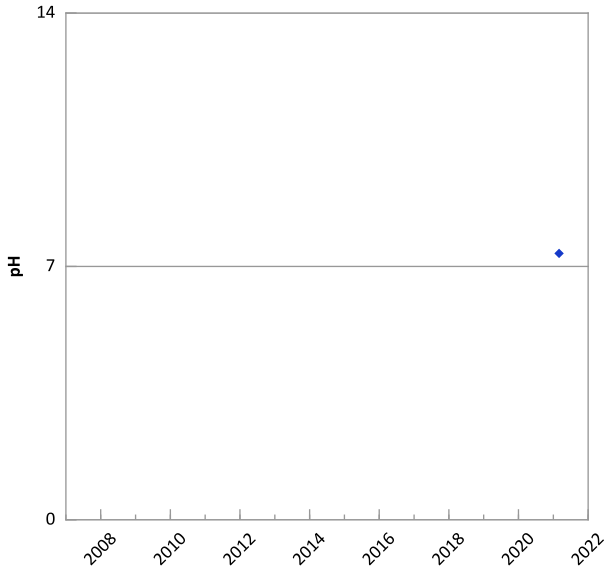
Well Location

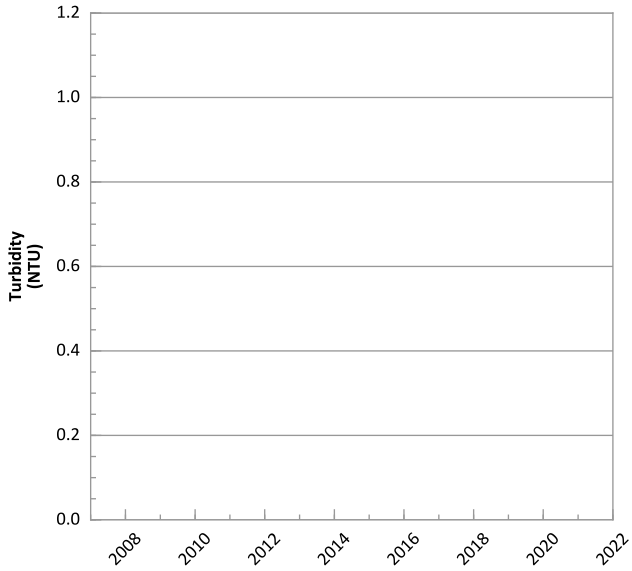


PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



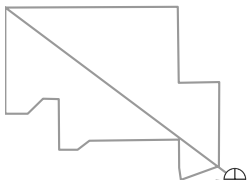






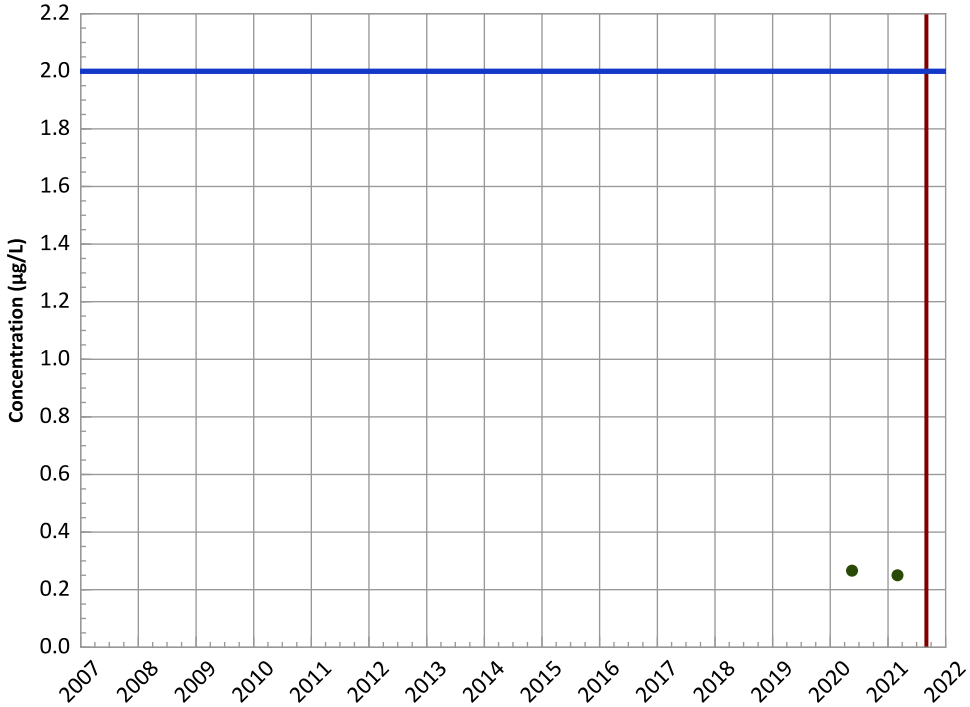
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

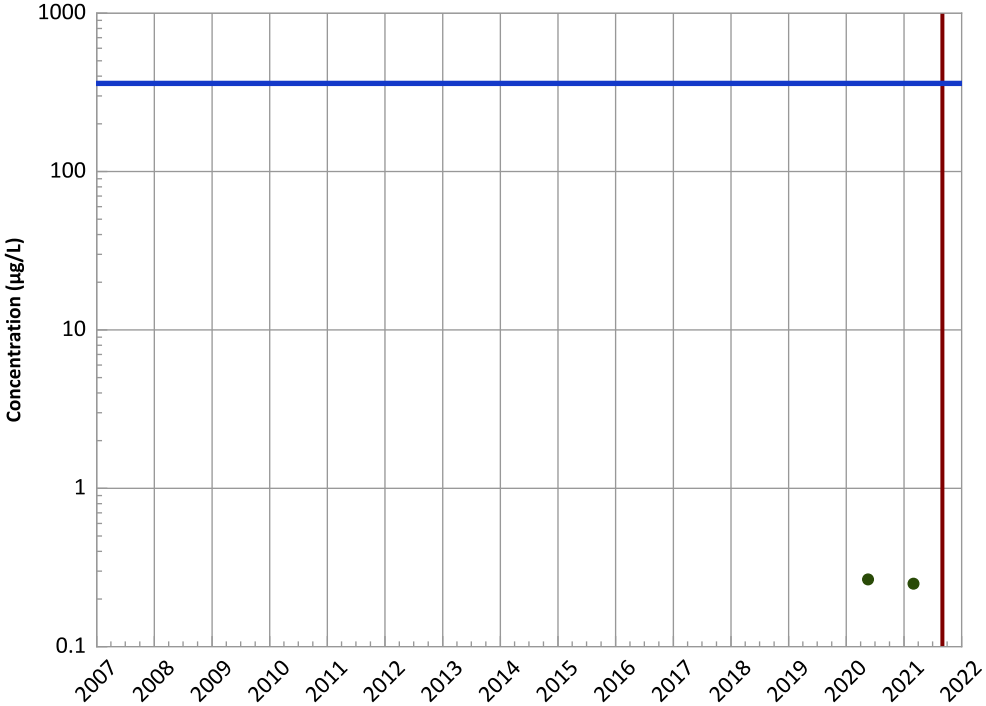


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

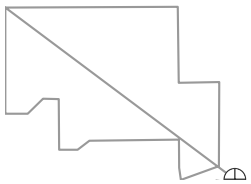
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

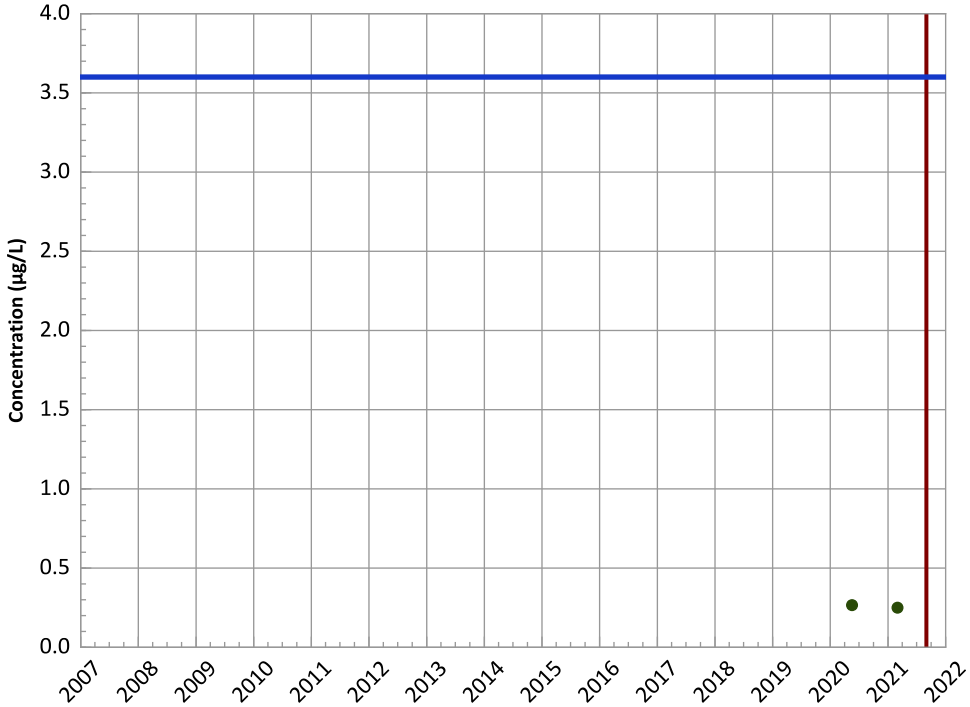
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

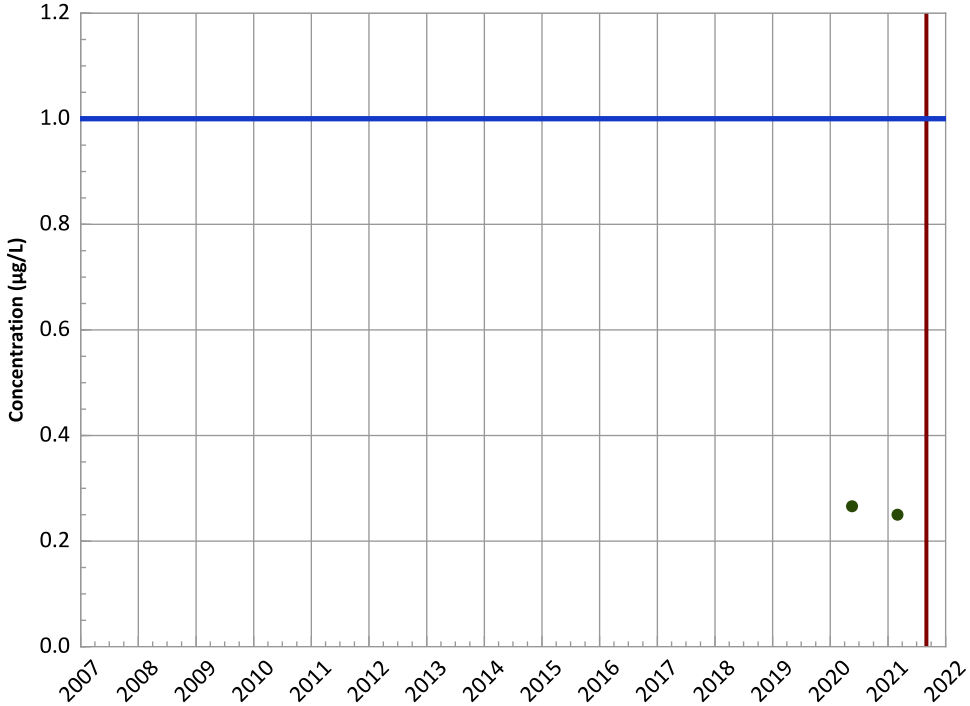


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

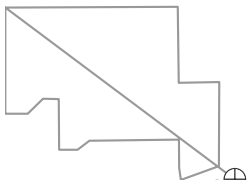
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

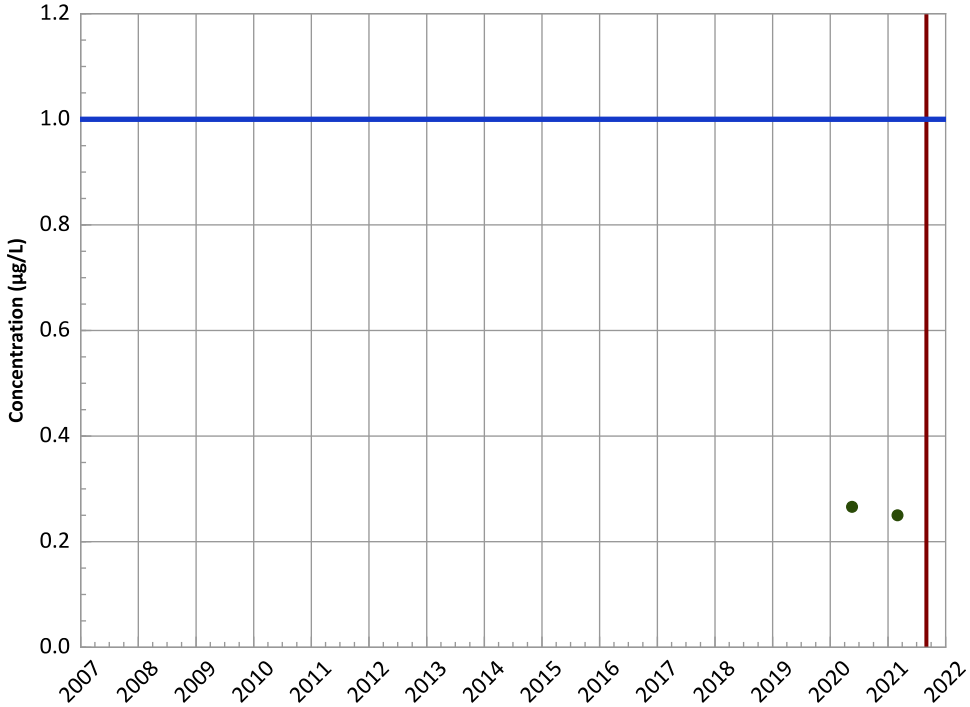
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

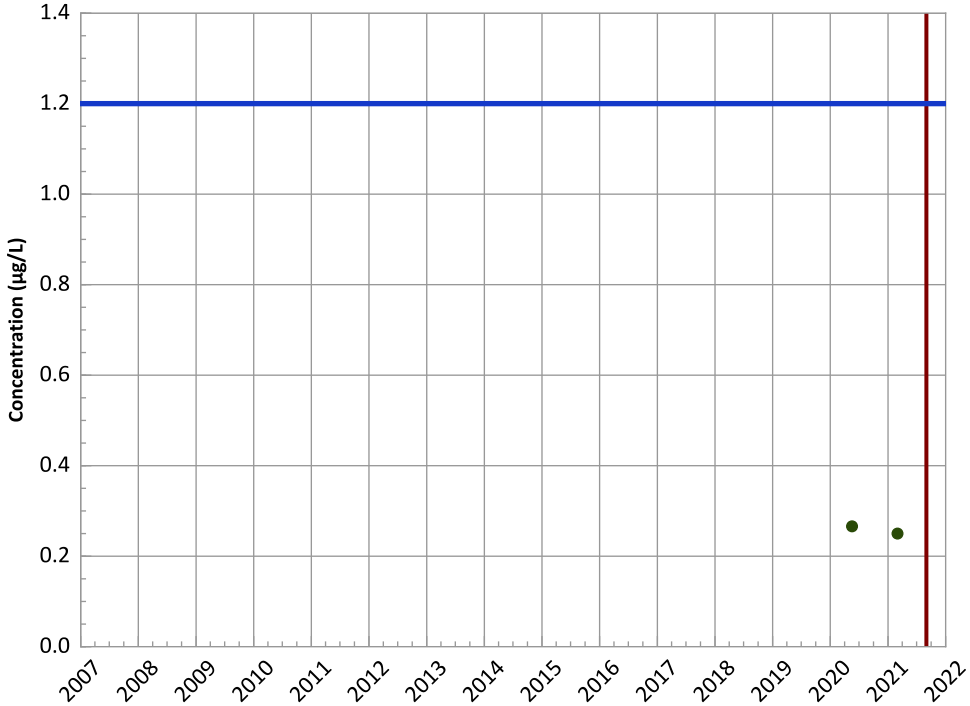


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

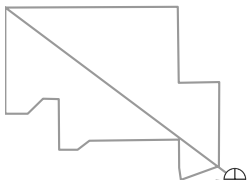
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

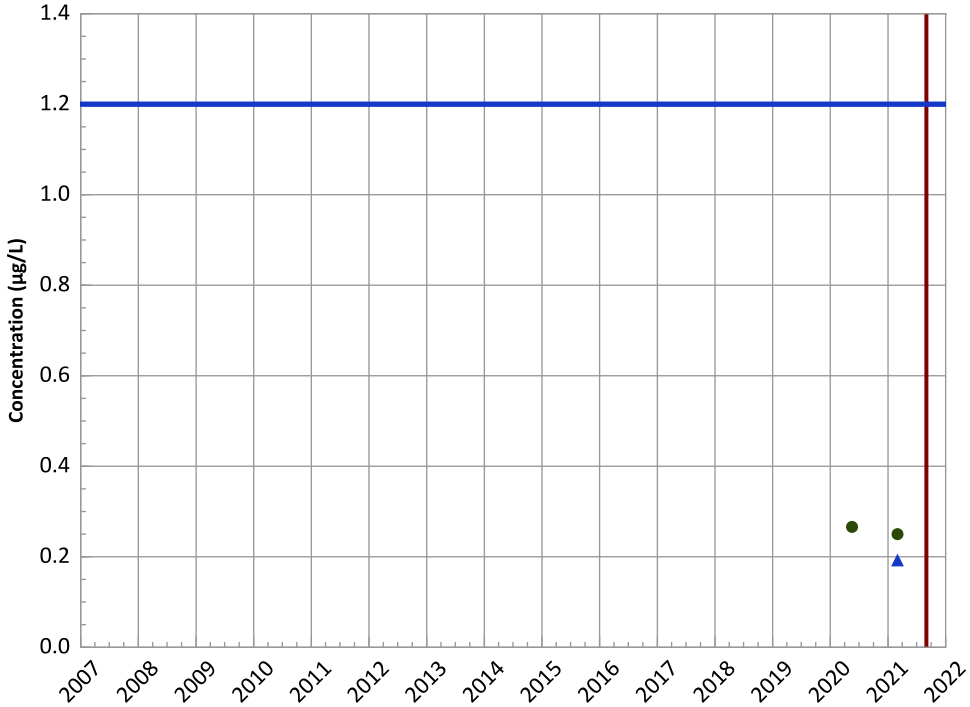
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

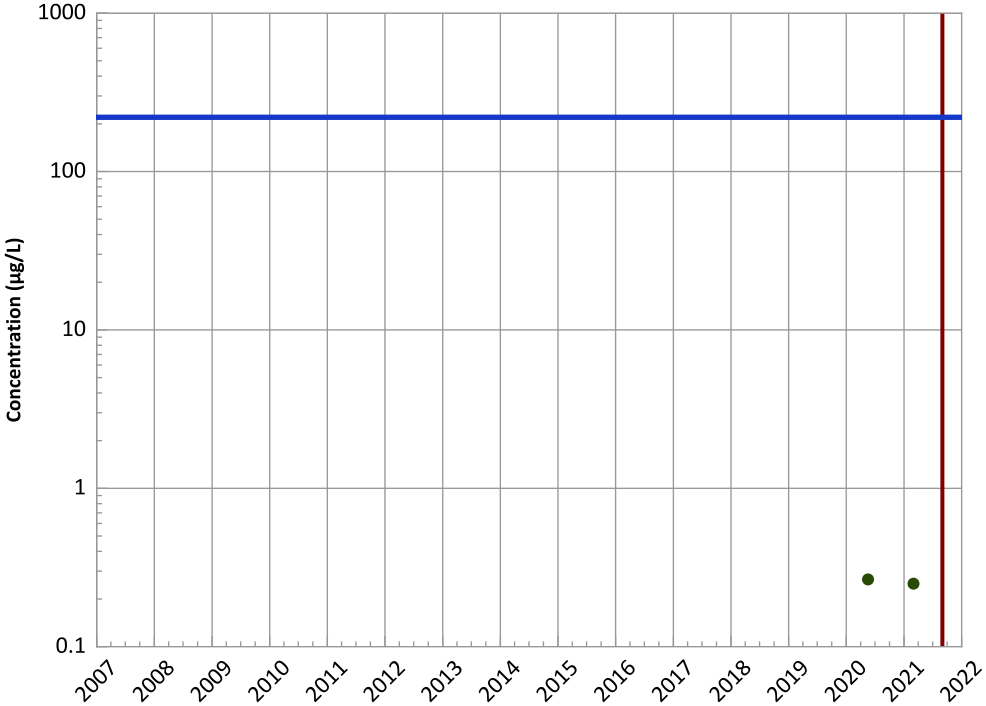


Concentration Trend

MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

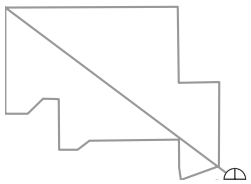
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

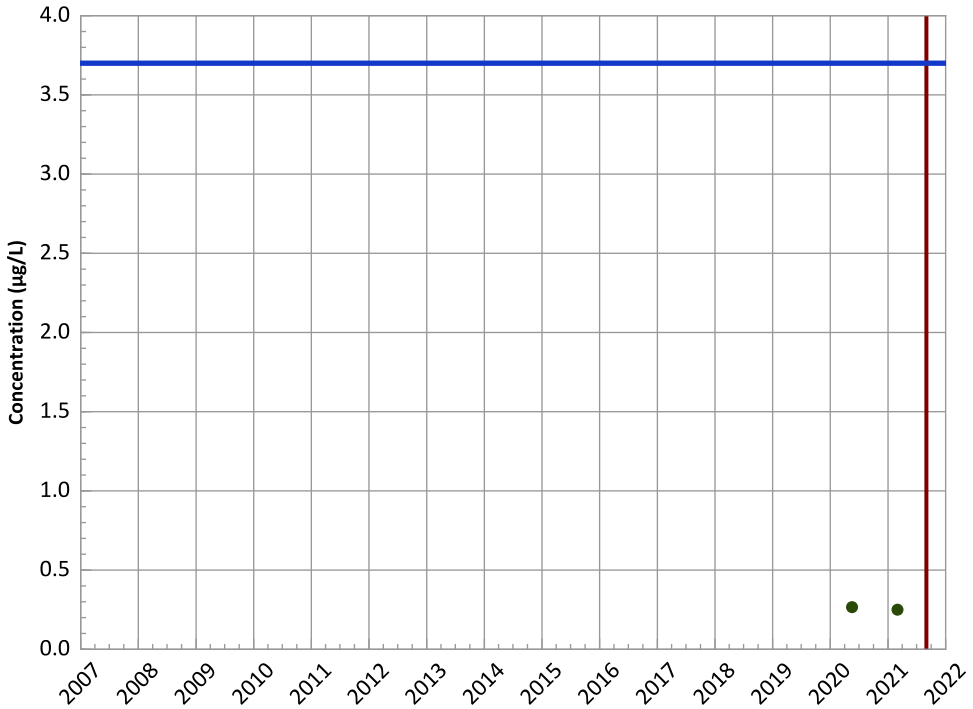
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



PTX06-ISB410 in Perched Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



Concentration Trend

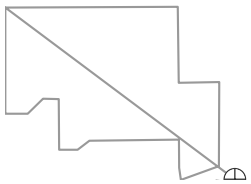
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
All Non-Detect

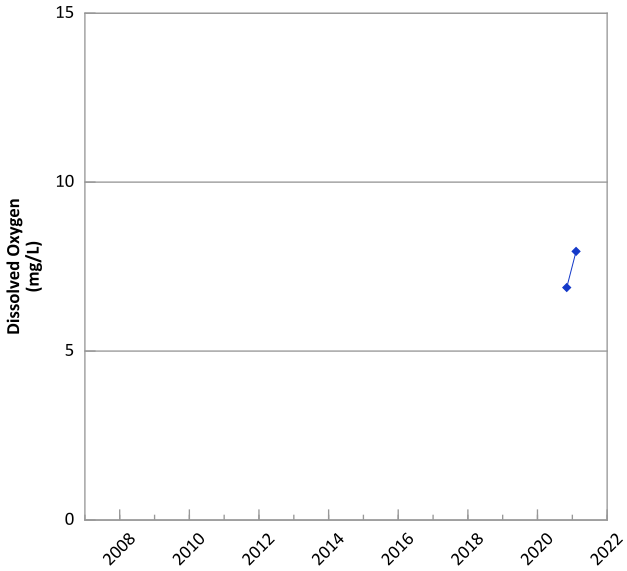
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 05/18/2020 to 03/02/2021
Analysis Date: 05/26/2022

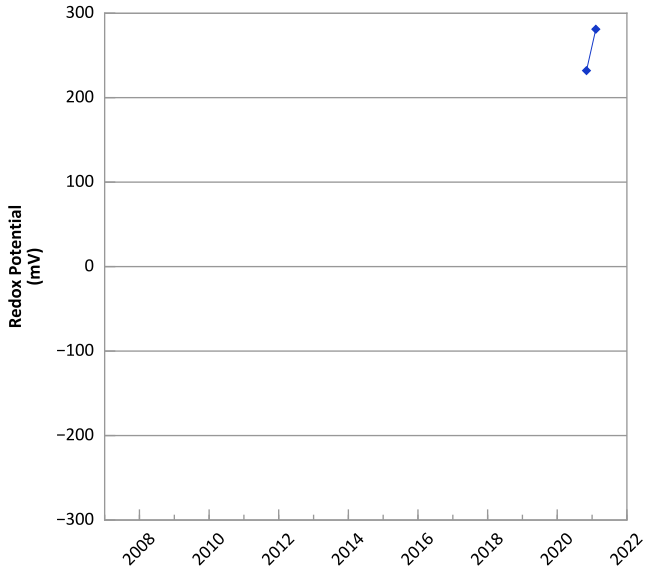
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

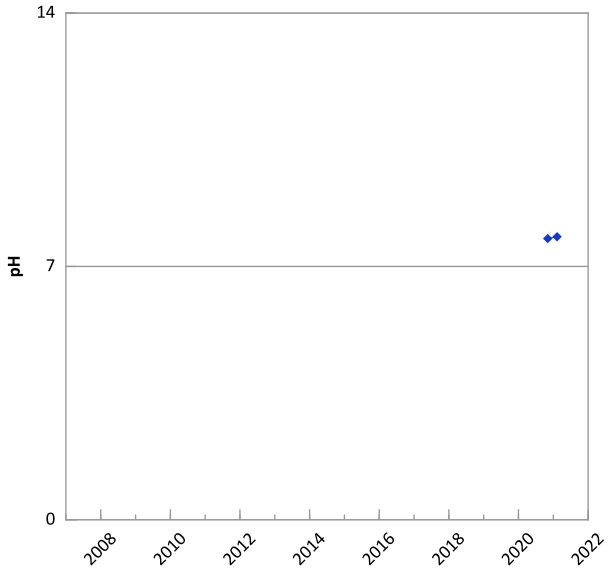
Well Location

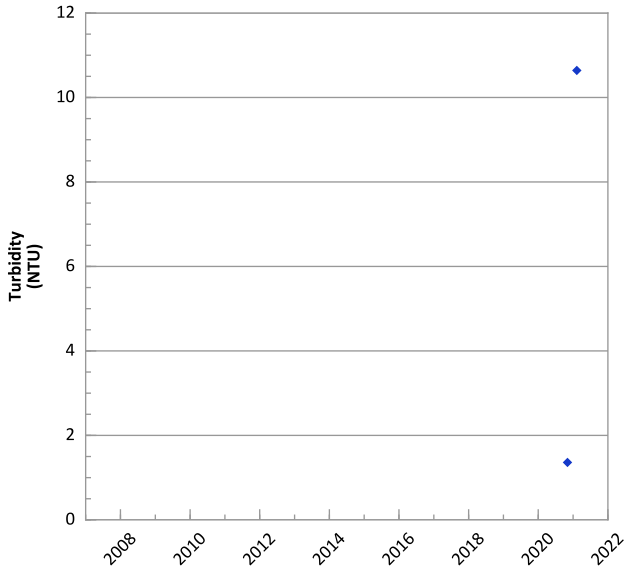


PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



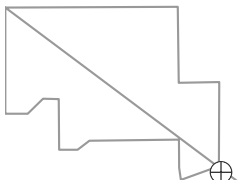






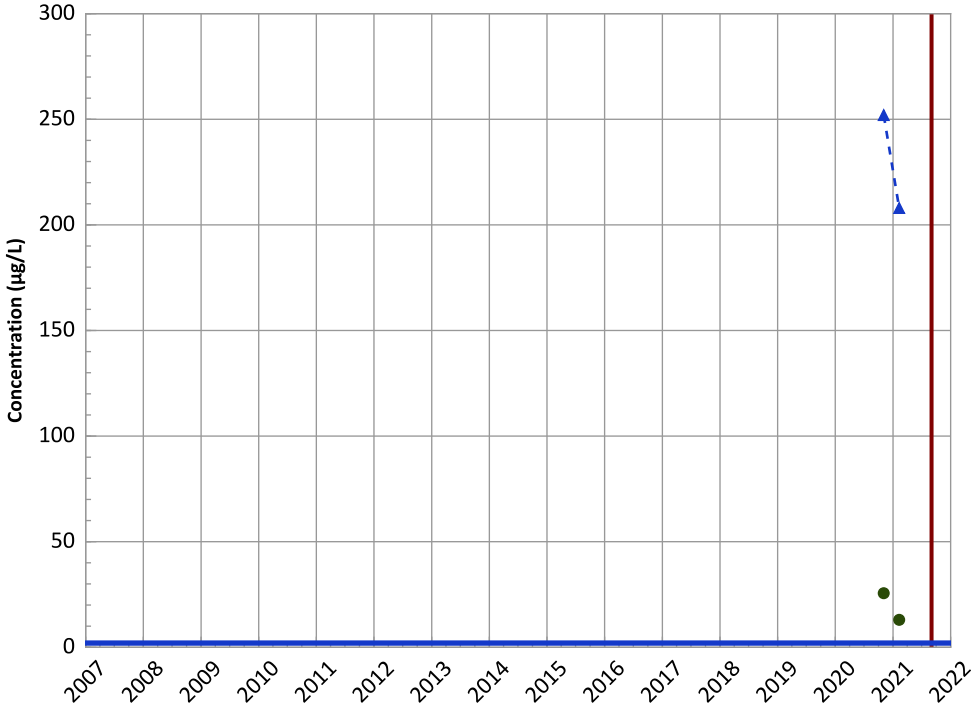
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB412 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

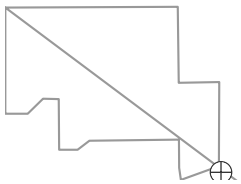
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

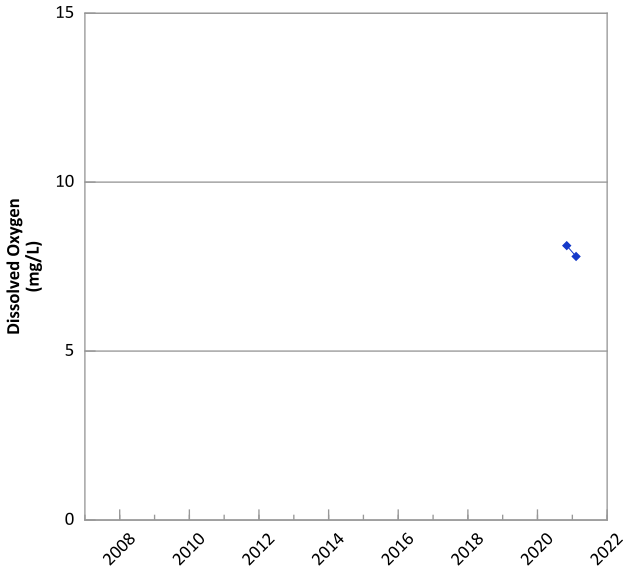
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

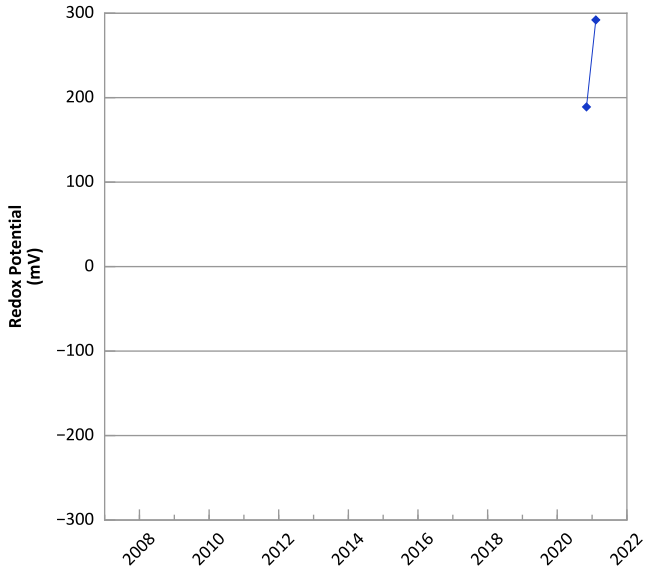
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

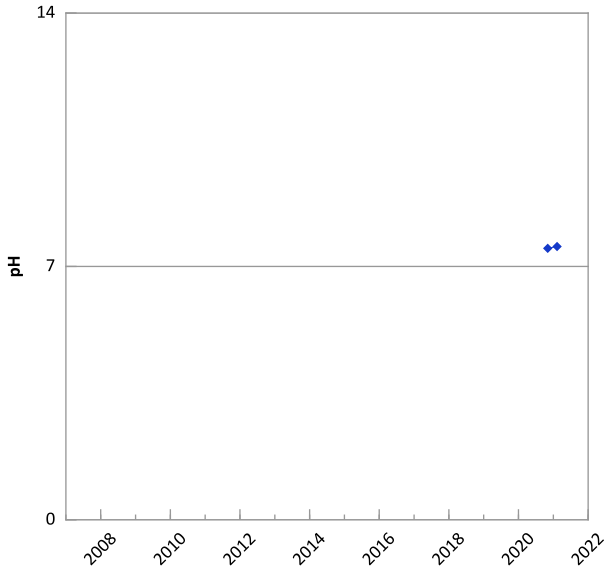
Well Location

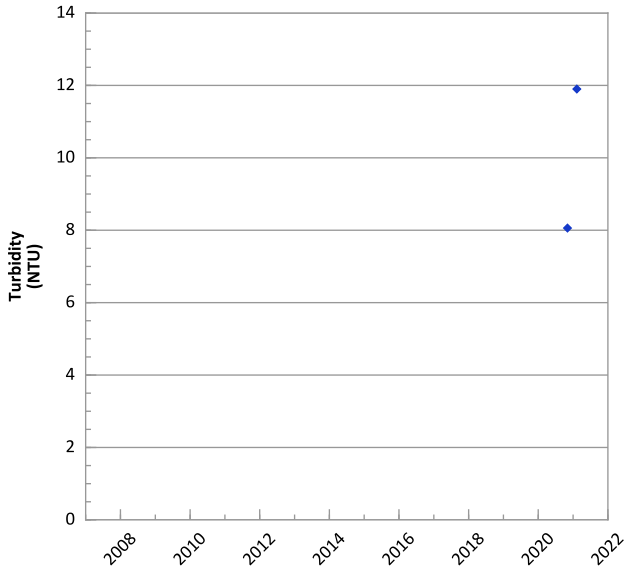


PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



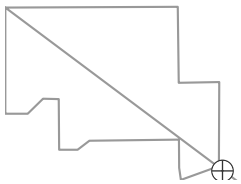






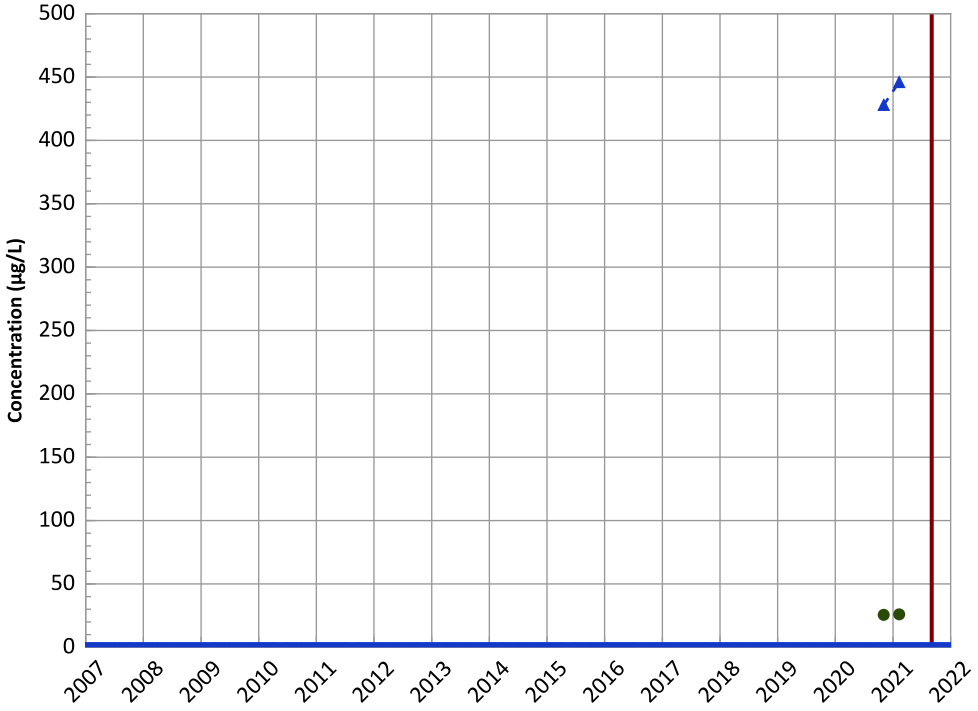
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB414 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

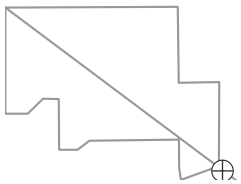
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

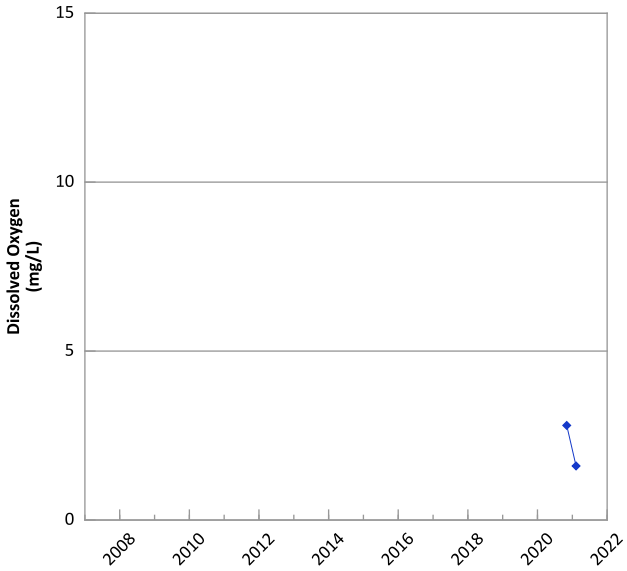
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

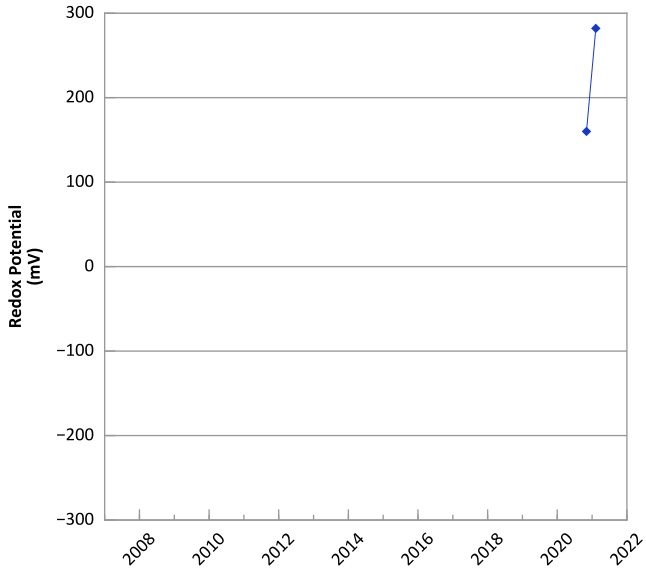
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

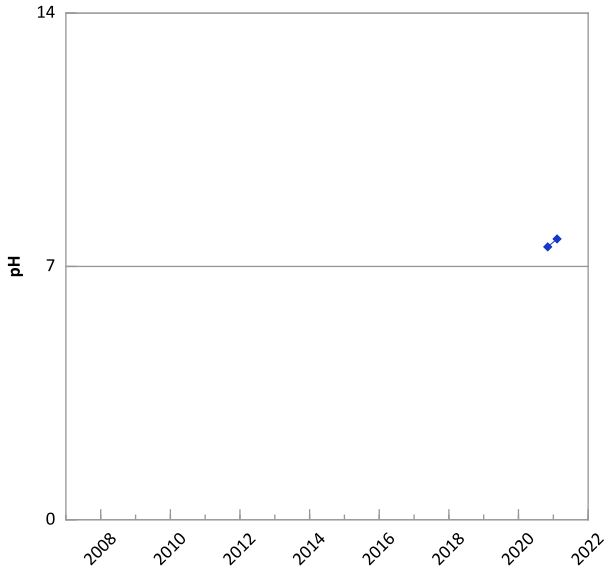
Well Location

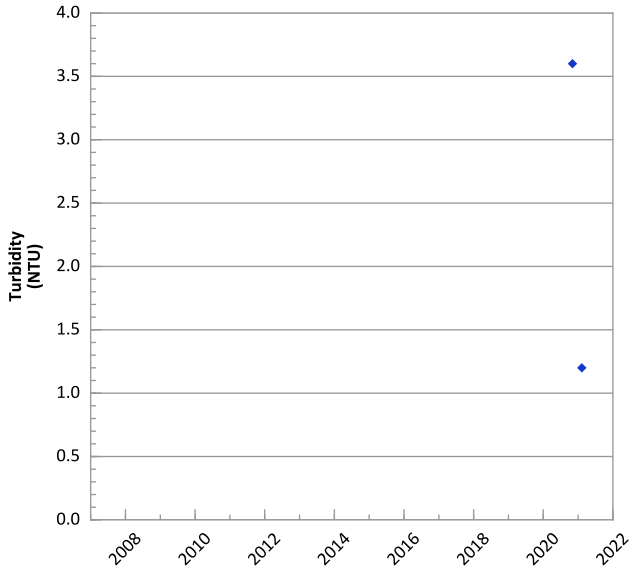


PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



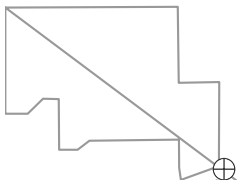






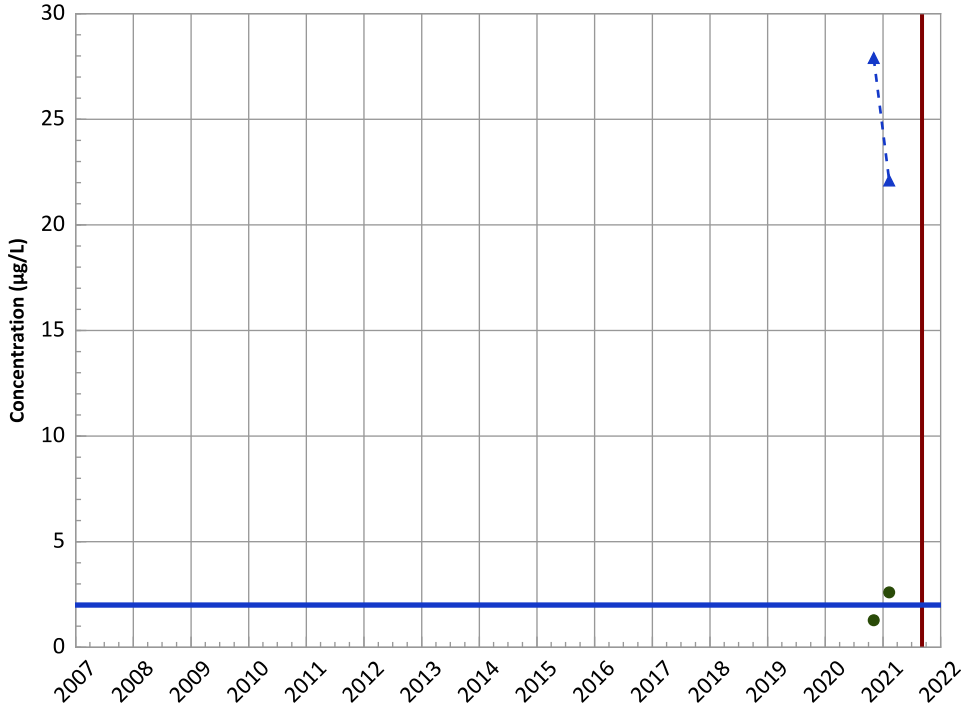
Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

Well Location



PTX06-ISB416 in Perched Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend



Concentration Trend

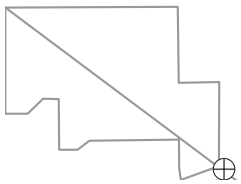
MAROS Mann-Kendall Method
Data (7/2009 - 12/2021):
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
Data (7/2009 - 12/2021):
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1999 to 12/31/2021
Data Date Range: 11/03/2020 to 02/09/2021
Analysis Date: 05/26/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard
- Injection Dates

Well Location



Ogallala Aquifer Well Analyte Concentration Trends

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Well	Easting	Northing	COC	First_Date	Last_Date	NumS_AD	NumD_AD	AllND_AD	CV_AD	MKS_AD	Conf_AD	Trend_AD	NumS_L4S	NumD_L4S	AllND_L4S	CV_L4S	MKS_L4S	Conf_L4S	Trend_L4S	NumS_SSRA	NumD_SSRA	AllND_SSRA	CV_SSRA	MKS_SSRA	Conf_SSRA	Trend_SSRA	NumS_5YRP	NumD_5YRP	AllND_5YRP	CV_5YRP	MKS_5YRP	Conf_5YRP	Trend_5YRP
PTX01-1010	630576.88	3771397.26	RDX	4/26/2000	8/3/2021	57	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	HMX	4/26/2000	8/3/2021	57	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TNT	4/26/2000	8/3/2021	57	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT24	4/26/2000	8/3/2021	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT26	4/26/2000	8/3/2021	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT2A	4/26/2000	8/3/2021	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNT4A	4/26/2000	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TNB135	4/26/2000	8/3/2021	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DNB13	4/26/2000	8/3/2021	47	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DIOXANE14	2/21/2002	8/3/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	PCE	4/26/2000	8/3/2021	58	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TCE	4/26/2000	8/3/2021	58	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DCE12C	4/26/2000	8/3/2021	58	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	DCA12	4/26/2000	8/3/2021	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	TCLME	4/26/2000	8/3/2021	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1010	630576.88	3771397.26	PERC	11/1/2001	8/3/2021	56	4	No	0.288055229	-308.00	1	Decreasing	4	4	No	0.126173382	0.00	0.375	Stable	25	4	No	0.404528221	-84.00	1	Decreasing	10	4	No	0.753929503	-24.00	1	Decreasing
PTX01-1010	630576.88	3771397.26	B	4/26/2000	8/3/2021	49	49	No	0.12219009	-352.00	1	Decreasing	4	4	No	0.118811523	0.00	0.375	Stable	25	25	No	0.103276152	-57.00	1	Decreasing	10	10	No	0.098849955	-13.00	1	Decreasing
PTX01-1010	630576.88	3771397.26	CR	4/26/2000	2/1/2021	31	26	No	0.593567583	78.00	0.904	Probably Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1010	630576.88	3771397.26	CR-6	11/1/2001	2/1/2021	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1010	630576.88	3771397.26	MN	4/26/2000	8/3/2021	44	25	No	4.539279888	-8.00	1	Decreasing	4	4	No	0.425365655	2.00	0.625	No Trend	18	16	No	0.664261738	-12.00	1	Decreasing	10	9	No	0.540358789	-5.00	1	Decreasing
PTX01-1010	630576.88	3771397.26	NI	4/26/2000	2/1/2021	29	22	No	1.415373318	-130.00	1	Decreasing	4	4	No	0.730729394	0.00	0.375	Stable	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1010	630576.88	3771397.26	AS	4/26/2000	8/3/2021	32	14	No	0.286721366	148.00	0.992	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	10	No	0.195623984	67.00	0.999	Increasing	10	8	No	0.167856089	14.00	0.873	No Trend
PTX01-1010	630576.88	3771397.26	BA	4/26/2000	8/3/2021	51	51	No	0.097446968	84.00	1	Increasing	4	4	No	0.068537406	-6.00	1	Decreasing	19	19	No	0.066495266	-21.00	1	Decreasing	10	10	No	0.073243704	-21.00	1	Decreasing
PTX01-1010	630576.88	3771397.26	V	4/26/2000	2/1/2021	21	21	No	0.145948695	-1.00	1	Decreasing	4	4	No	0.090068958	0.00	0.375	Stable	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1011	629986.45	3771397.29	RDX	1/28/2002	8/3/2021	43	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	26	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1011	629986.45	3771397.29	HMX	1/28/2002	8/3/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TNT	1/28/2002	8/3/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT24	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT26	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT2A	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNT4A	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TNB135	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DNB13	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DIOXANE14	8/1/2002	8/3/2021	19	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	PCE	1/28/2002	8/3/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TCE	1/28/2002	8/3/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DCE12C	1/28/2002	8/3/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	DCA12	1/28/2002	8/3/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	TCLME	1/28/2002	8/3/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX01-1011	629986.45	3771397.29	PERC	1/28/2002	8/3/2021	42	5	No	0.32696832	-227.00	1	Decreasing	4	4	No	0.031931696	-2.00	1	Decreasing	25	5	No	0.41304276	-106.00	1	Decreasing	10	5	No	0.769723419	-31.00	1	Decreasing
PTX01-1011	629986.45	3771397.29	B	1/28/2002	8/3/2021	38	38	No	0.085019593	-69.00	1	Decreasing	4	4	No	0.096545262	-2.00	1	Decreasing	25	25	No	0.072778354	14.00	0.618	No Trend	10	10	No	0.071943503	3.00	1	Increasing
PTX01-1011	629986.45	3771397.29	CR	1/28/2002	2/1/2021	20	18	No	1.899158618	5.00	1	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1011	629986.45	3771397.29	CR-6	1/28/2002	2/1/2021	17	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1011	629986.45	3771397.29	MN	1/28/2002	8/3/2021	33	19	No	2.555301091	-107.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	9	No	1.731828983	-25.00	1	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1011	629986.45	3771397.29	NI	1/28/2002	2/1/2021	18	13	No	1.780486274	-55.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1011	629986.45	3771397.29	AS	1/28/2002	8/3/2021	25	17	No	0.1847001	114.00	0.996	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	13	No	0.169421967	51.00	0.9885	Increasing	10	9	No	0.134704561	9.00	1	Increasing
PTX01-1011	629986.45	3771397.29	BA	1/28/2002	8/3/2021	36	36	No	0.080832865	-189.00	1	Decreasing	4	4	No	0.031469032	-1.00	1	Decreasing	19	19	No	0.045097753	28.00	0.825	No Trend	10	10	No	0.040355626	19.00	0.946	Probably Increasing
PTX01-1011	629986.45	3771397.29	V	1/28/2002	2/1/2021	14	14	No	0.107990365	-27.00	1	Decreasing	4	4	No	0.055300995	-4.00	1	Decreasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX01-1012	632664.21	3773264.13	RDX	4/28/2003	1/26/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	HMX	4/28/2003	1/26/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TNT	4/28/2003	1/26/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT24	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT26	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT2A	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNT4A	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TNB135	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DNB13	4/28/2003	1/26/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DIOXANE14	4/28/2003	1/26/2021	17	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	PCE	6/1/2000	1/26/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TCE	6/1/2000	1/26/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DCE12C	6/1/2000	1/26/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	DCA12	6/1/2000	1/26/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	TCLME	6/1/2000	1/26/2021	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1012	632664.21	3773264.13	PERC	4/28/2003	1/26/2021	37	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1012	632664.21	3773264.13	B	4/28/2003	1/26/2021	33	33	No	0.077874871	67.00	0.8455	No Trend	4	4	No	0.056260274	2.00	0.625	No Trend	23	23	No	0.082437993	40.00	0.8465	No Trend	8	8	No	0.050324651	5.00	0.683	No Trend
PTX01-1012	632664.21	3773264.13	MN	4/28/2003	1/26/2021	28	19	No	0.780061458	22.00	0.659	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	10	No	0.846284071	8.00	0.622	No Trend	8	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1012	632664.21	3773264.13	AS	4/28/2003	1/26/2021	19	12	No	0.611896329	80.00	0.9975	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	10	No	0.654431221	55.00	1	Increasing	8	7	No	0.653738002	14.00	0.946	Probably Increasing
PTX01-1012	632664.21	3773264.13	BA	4/28/2003	1/26/2021	30	30	No	0.081603662	-279.00	1	Decreasing	4	4	No	0.05025047	-1.00	1	Decreasing	16	16	No	0.045091092	-4.00	1	Decreasing	8	8	No	0.043851652	2.00	0.548	No Trend
PTX01-1013	628976.89	3773218.25	RDX	6/8/2000	1/26/2021	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	HMX	6/8/2000	1/26/2021	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TNT	6/8/2000	1/26/2021	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT24	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT26	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT2A	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNT4A	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TNB135	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DNB13	6/8/2000	1/26/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DIOXANE14	11/20/2002	1/26/2021	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	PCE	6/1/2000	1/26/2021	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TCE	6/1/2000	1/26/2021	56	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1013	628976.89	3773218.25	DCE12C	6/1/2000	1/26/2021	55	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	DCA12	6/1/2000	1/26/2021	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	TCLME	6/1/2000	1/26/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX01-1013	628976.89	3773218.25	PERC	8/21/2001	1/26/2021	53	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX01-1013	628976.89	3773218.25	B	6/8/2000	1/26/2021	46	46	No	0.146432072	-108.00	1	Decreasing	4	4	No	0.256483351	0.00	0.375	Stable	23	23	No	0.188278158	-34.00	1	Decreasing	8	8	No	0.23657002	-6.00	1	Decreasing
PTX01-1013	628976.89	3773218.25	MN	6/8/2000	1/26/2021	41	24	No	4.613502675	-213.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	6	No	0.939694436	-15.00	1	Decreasing	8	4	No	1.031326336	1.00	0.5	No Trend
PTX01-1013	628976.89	3773218.25	AS	6/8/2000	1/26/2021	28	15	No	0.615588803	97.00	0.9715	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	10	No	0.663616378	51.00	0.9995	Increasing	8	7	No	0.684733653	12.00	0.911	Probably Increasing
PTX01-1013	628976.89	3773218.25	BA	6/8/2000	1/26/2021	47	47	No	0.062329804	-331.00	1	Decreasing	4	4	No	0.048794695	2.00	0.625	No Trend	16	16	No	0.05102694	46.00	0.979	Increasing	8	8	No	0.050236787	9.00	0.8315	No Trend
PTX06-1043	640711.00	3765225.21	RDX	10/14/1999	8/2/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	HMX	10/14/1999	8/2/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TNT	10/14/1999	8/2/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT24	10/14/1999	8/2/2021	38	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT26	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT2A	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNT4A	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TNB135	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DNB13	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	PCE	10/14/1999	8/2/2021	38	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TCE	10/14/1999	8/2/2021	38	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DCE12C	2/12/2002	8/2/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	DCA12	10/14/1999	8/2/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	TCLME	10/14/1999	8/2/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1043	640711.00	3765225.21	PERC	10/14/1999	8/2/2021	36	5	No	0.43017312	-99.00	1	Decreasing	4	4	No	0.107199192	-4.00	1	Decreasing	25	4	No	0.410537418	-88.00	1	Decreasing	10	4	No	0.769131259	-28.00	1	Decreasing
PTX06-1043	640711.00	3765225.21	B	10/14/1999	8/2/2021	37	37	No	0.070443458	123.00	0.9445	Probably Increasing	4	4	No	0.027270052	-1.00	1	Decreasing	25	25	No	0.057715187	24.00	0.703	No Trend	10	10	No	0.058704612	-2.00	1	Decreasing
PTX06-1043	640711.00	3765225.21	CR	10/14/1999	8/2/2021	38	27	No	0.353961596	285.00	1	Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	0.297167109	61.00	0.9185	Probably Increasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1043	640711.00	3765225.21	CR-6	10/14/1999	8/2/2021	39	16	No	0.449789465	-268.00	1	Decreasing	4	4	No	0.030014608	-2.00	1	Decreasing	25	14	No	0.516560211	-199.00	1	Decreasing	10	10	No	0.082521721	-17.00	1	Decreasing
PTX06-1043	640711.00	3765225.21	MN	10/14/1999	8/2/2021	38	13	No	1.193896924	-98.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	7	No	0.409021894	-22.00	1	Decreasing	10	5	No	0.642145481	11.00	1	Increasing
PTX06-1043	640711.00	3765225.21	NI	10/14/1999	8/2/2021	38	26	No	1.008063493	-207.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	20	No	0.37966485	76.00	0.96	Increasing	10	6	No	0.423871376	7.00	1	Increasing
PTX06-1043	640711.00	3765225.21	MO	10/14/1999	8/2/2021	38	37	No	0.414366655	15.00	0.569	No Trend	4	4	No	0.070716893	-4.00	1	Decreasing	25	25	No	0.051310476	70.00	0.946	Probably Increasing	10	10	No	0.052371208	5.00	1	Increasing
PTX06-1043	640711.00	3765225.21	AS	10/14/1999	8/2/2021	25	18	No	0.316934451	115.00	0.9965	Increasing	4	4	No	0.118031512	0.00	0.375	Stable	15	13	No	0.182820277	50.00	1	Increasing	10	10	No	0.122823118	8.00	1	Increasing
PTX06-1043	640711.00	3765225.21	BA	10/14/1999	8/2/2021	31	31	No	0.064820786	128.00	0.985	Increasing	4	4	No	0.044218149	-4.00	1	Decreasing	18	18	No	0.068042183	59.00	0.987	Increasing	10	10	No	0.04332464	4.00	1	Increasing
PTX06-1043	640711.00	3765225.21	FE	10/14/1999	8/2/2021	38	25	No	0.613641786	87.00	0.859	No Trend	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	16	No	0.26148559	66.00	0.935	Probably Increasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1043	640711.00	3765225.21	V	10/14/1999	8/2/2021	36	36	No	0.062451279	267.00	1	Increasing	4	4	No	0.041759785	2.00	0.625	No Trend	25	25	No	0.046334735	52.00	0.882	No Trend	10	10	No	0.0394938	22.00	0.9705	Increasing
PTX06-1044	642706.18	3764538.54	RDX	10/13/1999	10/20/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	HMX	10/13/1999	10/20/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TNT	10/13/1999	10/20/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT24	10/13/1999	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT26	10/13/1999	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT2A	10/13/1999	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNT4A	10/13/1999	10/20/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TNB135	1/25/2000	10/20/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DNB13	10/13/1999	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	PCE	10/13/1999	10/20/2021	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect

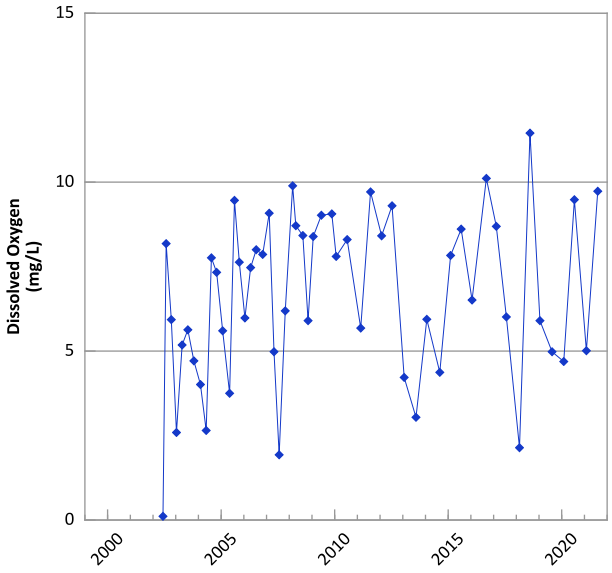
PTX06-1044	642706.18	3764538.54	TCE	10/13/1999	10/20/2021	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DCE12C	8/1/2002	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	DCA12	10/13/1999	10/20/2021	40	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	TCLME	10/13/1999	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	PERC	10/13/1999	10/20/2021	45	5	No	0.402048008	58.00	1	Increasing	4	4	No	0.04851486	2.00	0.625	No Trend	25	4	No	0.400441725	-82.00	1	Decreasing	10	4	No	0.74367952	-22.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	B	10/13/1999	10/20/2021	43	43	No	0.102532791	164.00	1	Increasing	4	4	No	0.077570111	-2.00	1	Decreasing	25	25	No	0.072450662	37.00	0.7975	No Trend	10	10	No	0.086778306	16.00	0.907	Probably Increasing
PTX06-1044	642706.18	3764538.54	CR	10/13/1999	10/20/2021	46	43	No	3.2718561	-317.00	1	Decreasing	4	4	No	0.067484834	-6.00	1	Decreasing	25	22	No	0.3359344	-106.00	1	Decreasing	10	9	No	0.371982467	-25.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	CR-6	10/13/1999	10/20/2021	44	17	No	0.351105989	-379.00	1	Decreasing	4	4	No	0.033305064	0.00	0.375	Stable	25	14	No	0.41262904	-181.00	1	Decreasing	10	9	No	0.430802335	-7.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	MN	10/13/1999	10/20/2021	42	18	No	0.572516495	-214.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	8	No	0.19298292	92.00	0.984	Increasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1044	642706.18	3764538.54	NI	10/13/1999	10/20/2021	44	33	No	2.233691275	-509.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	0.250014634	-66.00	1	Decreasing	10	4	No	0.250382694	-16.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	MO	10/13/1999	10/20/2021	42	42	No	0.200372288	-378.00	1	Decreasing	4	4	No	0.016895018	-5.00	1	Decreasing	25	25	No	0.068511179	-104.00	1	Decreasing	10	10	No	0.043680857	-4.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	AS	10/13/1999	10/20/2021	26	22	No	0.266030687	96.00	0.982	Increasing	4	4	No	0.124294379	0.00	0.375	Stable	15	14	No	0.22123363	61.00	1	Increasing	10	10	No	0.122675315	15.00	0.892	No Trend
PTX06-1044	642706.18	3764538.54	BA	10/13/1999	10/20/2021	36	36	No	0.053995274	-187.00	1	Decreasing	4	4	No	0.061303378	-2.00	1	Decreasing	18	18	No	0.041886164	9.00	0.617	No Trend	10	10	No	0.047669002	-8.00	1	Decreasing
PTX06-1044	642706.18	3764538.54	FE	10/13/1999	10/20/2021	42	32	No	3.022518055	-174.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	0.529007392	-147.00	1	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1044	642706.18	3764538.54	V	10/13/1999	10/20/2021	38	38	No	0.062130986	182.00	0.989	Increasing	4	4	No	0.028564576	-6.00	1	Decreasing	25	25	No	0.041852671	-50.00	1	Decreasing	10	10	No	0.036577214	-11.00	1	Decreasing
PTX06-1056	643767.03	3754642.87	RDX	8/20/2001	8/2/2021	54	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	36	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	HMX	8/20/2001	8/2/2021	55	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	TNT	8/20/2001	8/2/2021	55	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT24	8/20/2001	8/2/2021	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT26	8/20/2001	8/2/2021	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT2A	8/20/2001	8/2/2021	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNT4A	8/20/2001	8/2/2021	51	29	No	0.567427752	759.00	1	Increasing	4	4	No	0.105048575	4.00	0.833	No Trend	38	29	No	0.504171972	576.00	1	Increasing	16	16	No	0.312513133	88.00	1	Increasing
PTX06-1056	643767.03	3754642.87	TNB135	8/20/2001	8/2/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	36	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DNB13	8/20/2001	8/2/2021	50	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	37	0	Yes	0	0.00	0	All Non-Detect	17	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	PCE	8/9/2000	8/2/2021	53	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	34	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	TCE	8/9/2000	8/2/2021	54	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	34	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DCE12C	8/20/2001	8/2/2021	52	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	34	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	DCA12	8/9/2000	8/2/2021	49	21	No	0.637312664	456.00	1	Increasing	4	4	No	0.099631309	0.00	0.375	Stable	34	21	No	0.312866583	340.00	1	Increasing	16	16	No	0.189875133	76.00	1	Increasing
PTX06-1056	643767.03	3754642.87	TCLME	8/9/2000	8/2/2021	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	34	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect
PTX06-1056	643767.03	3754642.87	B	8/20/2001	8/2/2021	40	40	No	0.1177652	-107.00	1	Decreasing	4	4	No	0.122921303	0.00	0.375	Stable	25	25	No	0.107132319	-49.00	1	Decreasing	10	10	No	0.11756357	-19.00	1	Decreasing
PTX06-1056	643767.03	3754642.87	CR	8/20/2001	8/2/2021	40	23	No	0.998315607	205.00	0.9915	Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	13	No	0.946507158	-12.00	1	Decreasing	10	4	No	0.969461206	13.00	0.854	No Trend
PTX06-1056	643767.03	3754642.87	CR-6	8/20/2001	8/2/2021	41	14	No	0.419591033	-307.00	1	Decreasing	4	4	No	0.515274618	6.00	0.958	Increasing	25	13	No	0.473392171	-155.00	1	Decreasing	10	10	No	0.493166289	23.00	0.977	Increasing
PTX06-1056	643767.03	3754642.87	MN	8/20/2001	8/2/2021	39	14	No	1.256056851	-171.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	5	No	0.925079745	-29.00	1	Decreasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1056	643767.03	3754642.87	NI	8/20/2001	8/2/2021	38	28	No	0.940832722	-203.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	18	No	0.868013669	-17.00	1	Decreasing	10	6	No	0.924096575	0.00	1	Decreasing
PTX06-1056	643767.03	3754642.87	MO	8/20/2001	8/2/2021	38	37	No	0.090455822	113.00	0.92	Probably Increasing	4	4	No	0.012641101	0.00	0.375	Stable	25	25	No	0.05842553	125.00	0.9985	Increasing	10	10	No	0.022286965	-1.00	1	Decreasing
PTX06-1056	643767.03	3754642.87	AS	8/20/2001	8/2/2021	24	22	No	0.425514764	120.00	0.999	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	17	16	No	0.368110387	50.00	0.979	Increasing	10	9	No	0.386350575	17.00	0.922	Probably Increasing
PTX06-1056	643767.03	3754642.87	BA	8/20/2001	8/2/2021	33	33	No	0.21074624	338.00	1	Increasing	4	4	No	0.022779676	-1.00	1	Decreasing	19	19	No	0.095135432	99.00	1	Increasing	10	10	No	0.029222792	11.00	1	Increasing
PTX06-1056	643767.03	3754642.87	FE	8/20/2001	8/2/2021	38	23	No	0.623719607	-21.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	14	No	0.65534542	-73.00	1	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1056	643767.03	3754642.87	V	8/20/2001	8/2/2021	34	34	No	0.132838459	30.00	0.6655	No Trend	4	4	No	0.036522081	2.00	0.625	No Trend	25	25	No	0.120122235	-76.00	1	Decreasing	10	10	No	0.044624414	26.00	0.989	Increasing
PTX06-1057A	629630.04	3768142.23	RDX	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	HMX	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TNT	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT24	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT26	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT2A	8/13/2001	4/27/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNT4A	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TNB135	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DNB13	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DIOXANE14	8/13/2001	4/27/2021	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	PCE	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TCE	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DCE12C	8/13/2001	4/27/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	DCA12	8/13/2001	4/27/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	TCLME	8/13/2001	4/27/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1057A	629630.04	3768142.23	PERC	8/13/2001	4/27/2021	29	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	12	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	B	8/13/2001	4/27/2021	25	25	No	0.103792248	-31.00	1	Decreasing	4	4	No	0.046194139	0.00	0.375	Stable	12	12	No	0.062282937	11.00	0.7485	No Trend	5	5	No	0.051451777	4.00	0.758	No Trend
PTX06-1057A	629630.04	3768142.23	MN	8/13/2001	4/27/2021	25	21	No	2.251476378	-210.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	6	No	0.475642275	-15.00	1	Decreasing	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1057A	629630.04	3768142.23	AS	8/13/2001	4/27/2021	17	12	No	0.470647243	-6.00	1	Decreasing	4	4	No	0.129843238	-4.00	1	Decreasing	8	8	No	0.199411434	14.00	0.946	Probably Increasing	5	5	No	0.145735165	0.00	0.408	Stable
PTX06-1057A	629630.04	3768142.23	BA	8/13/2001	4/27/2021	28	28	No	0.402790938	-170.00	1	Decreasing	4	4	No	0.008872814	-4.00	1	Decreasing	11	11	No	0.030596604	-1.00	1	Decreasing	5	5	No	0.010904406	0.00	0.408	Stable
PTX06-1058	624894.00	3759747.11	RDX	4/4/2001	7/26/2021	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	HMX	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNT	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT24	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT26	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT2A	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNT4A	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TNB135	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DNB13	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DIOXANE14	8/13/2001	7/26/2021	14	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	9	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	PCE	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TCE	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCE12C	8/13/2001	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	DCA12	4/4/2001	7/26/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	TCLME	4/4/2001	7/26/2021	24	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1058	624894.00	3759747.11	PERC	4/4/2001	7/26/2021	29	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	12	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1058	624894.00	3759747.11	B	4/4/2001	7/26/2021	25	25	No	0.089623325	56.00	0.899	No Trend	4	4	No	0.065472482	-6.00	1	Decreasing	12	12	No	0.062956943	11.00	0.7485	No Trend	5	5	No	0.057217448	-6.00	1	Decreasing
PTX06-1058	624894.00	3759747.11	CR	4/4/2001	7/26/2021	29	26	No	3.018000772	99.00	0.9675	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	9	No	0.950652842	-8.00	1	Decreasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1058	624894.00	3759747.11	CR-6	4/4/2001	7/26/2021	21	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1058	624894.00	3759747.11	MN	4/4/2001	7/26/2021	26	18	No	1.161544476	-11.00	1	Decreasing	4	4	No	0.346177082	0.00	0.375	Stable	11	11	No	0.790460617	-21.00	1	Decreasing	5	5	No	0.485561128	4.00	0.758	No Trend
PTX06-1058	624894.00	3759747.11	NI	4/4/2001	7/26/2021	26	20	No	0.986023294	-46.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	10	No	1.090489139	-17.00	1	Decreasing	5	4	No	1.506950893	4.00	0.758	No Trend
PTX06-1058	624894.00	3759747.11	MO	4/4/2001	7/26/2021	25	25	No	0.091289529	-45.00	1	Decreasing	4	4	No	0.050667347	-6.00	1	Decreasing	10	10	No	0.061596936	3.00	1	Increasing	5	5	No	0.052795319	-10.00	1	Decreasing
PTX06-1058	624894.00	3759747.11	AS	4/4/2001	7/26/2021	18	17	No	0.231712886	13.00	0.673	No Trend	4	4	No	0.061925858	0.00	0.375	Stable	9	9	No	0.14332344	6.00	0.694	No Trend	5	5	No	0.165418284	4.00	0.758	No Trend
PTX06-1058	624894.00	3759747.11	BA	4/4/2001	7/26/2021	27	27	No	0.07248787	3.00	0.516	No Trend	4	4	No	0.02890801	1.00	0.5	No Trend	11	11	No	0.065780821	8.00	0.7025	No Trend	5	5	No	0.052945278	5.00	0.8205	No Trend
PTX06-1058	624894.00	3759747.11	FE	4/4/2001	7/26/2021	26	22	No	0.943901494	92.00	0.978	Increasing	4	4	No	0.693447671	0.00	0.375	Stable	11	11	No	0.775250797	-27.00	1	Decreasing	5	5	No	0.766830509	2.00	0.592	No Trend
PTX06-1058	624894.00	3759747.11	V	8/13/2001	7/26/2021	21	21	No	0.112107651	-45.00	1	Decreasing	4	4	No	0.046417052	0.00	0.375	Stable	11	11	No	0.150961542	-5.00	1	Decreasing	5	5	No	0.054749228	4.00	0.758	No Trend
PTX06-1059	628129.98	3760459.31	RDX	4/4/2001	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	HMX	4/4/2001	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	TNT	4/4/2001	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DNT24	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DNT26	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DNT2A	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DNT4A	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	TNB135	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DNB13	4/4/2001	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DIOXANE14	4/28/2003	7/26/2021	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	PCE	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	TCE	4/4/2001	7/26/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DCE12C	4/28/2003	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	DCA12	4/4/2001	7/26/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	TCLME	4/4/2001	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1059	628129.98	3760459.31	PERC	4/4/2001	7/26/2021	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	12	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1059	628129.98	3760459.31	B	4/4/2001	7/26/2021	25	25	No	0.119070788	45.00	0.8465	No Trend	4	4	No	0.066139886	6.00	0.958	Increasing	12	12	No	0.117866065	19.00	0.8885	No Trend	5	5	No	0.068088493	9.00	0.975	Increasing
PTX06-1059	628129.98	3760459.31	MN	4/4/2001	7/26/2021	24	9	No	0.524761742	-99.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1059	628129.98	3760459.31	AS	4/4/2001	7/26/2021	16	10	No	0.37320761	32.00	0.917	Probably Increasing	4	4	No	0.163391321	0.00	0.375	Stable	8	6	No	0.243136607	13.00	0.9285	Probably Increasing	5	4	No	0.250924893	4.00	0.758	No Trend
PTX06-1059	628129.98	3760459.31	BA	4/4/2001	7/26/2021	25	25	No	0.092585935	-55.00	1	Decreasing	4	4	No	0.195038115	-4.00	1	Decreasing	10	10	No	0.135519493	-15.00	1	Decreasing	5	5	No	0.182475076	-8.00	1	Decreasing
PTX06-1060	620969.93	3758599.72	RDX	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	HMX	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	TNT	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DNT24	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DNT26	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DNT2A	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DNT4A	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	TNB135	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DNB13	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DIOXANE14	8/13/2001	4/19/2021	11	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	PCE	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	TCE	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DCE12C	4/10/2001	4/19/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	DCA12	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	TCLME	4/10/2001	4/19/2021	21	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	PERC	4/10/2001	4/19/2021	22	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1060	620969.93	3758599.72	B	4/10/2001	4/19/2021	22	22	No	0.104850866	-108.00	1	Decreasing	4	4	No	0.037735849	4.00	0.833	No Trend	13	13	No	0.062705195	-13.00	1	Decreasing	5	5	No	0.032748464	5.00	0.8205	No Trend
PTX06-1060	620969.93	3758599.72	MN	4/10/2001	4/19/2021	20	13	No	1.468641506	-67.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	10	4	No	0.237663328	8.00	1	Increasing	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1060	620969.93	3758599.72	AS	4/10/2001	4/19/2021	14	10	No	0.35450277	0.00	0.478	Stable	4	4	No	0.088927422	-2.00	1	Decreasing	7	5	No	0.269355112	8.00	0.845	No Trend	5	4	No	0.244323443	2.00	0.592	No Trend
PTX06-1060	620969.93	3758599.72	BA	4/10/2001	4/19/2021	20	20	No	0.07275114	-100.00	1	Decreasing	4	4	No	0.029481109	5.00	0.8955	No Trend	10	10	No	0.027694756	-1.00	1	Decreasing	5	5	No	0.035910047	1.00	0.5	No Trend

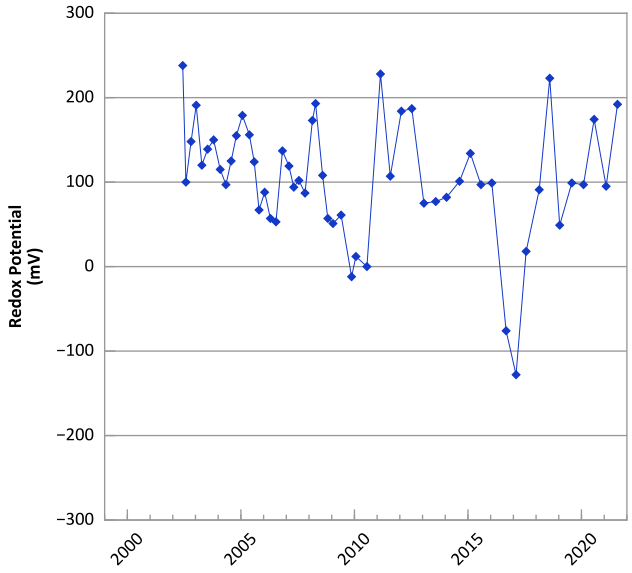
PTX06-1061	625651.61	3773186.59	RDX	4/28/2003	4/20/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	HMX	4/28/2003	4/20/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TNT	4/28/2003	4/20/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT24	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT26	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT2A	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNT4A	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TNB135	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DNB13	4/28/2003	4/20/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DIOXANE14	4/28/2003	4/20/2021	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	7	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	PCE	4/28/2003	4/20/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TCE	4/28/2003	4/20/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DCE12C	4/28/2003	4/20/2021	29	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	DCA12	4/28/2003	4/20/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	TCLME	4/28/2003	4/20/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	13	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1061	625651.61	3773186.59	PERC	4/28/2003	4/20/2021	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	13	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	B	4/28/2003	4/20/2021	24	24	No	0.105079767	50.00	0.887	No Trend	4	4	No	0.085181544	2.00	0.625	No Trend	13	13	No	0.108648401	25.00	0.927	Probably Increasing	5	5	No	0.074226682	1.00	0.5	No Trend
PTX06-1061	625651.61	3773186.59	MN	4/28/2003	4/20/2021	23	10	No	0.293472015	-27.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	6	No	0.318216234	1.00	1	Increasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	AS	4/28/2003	4/20/2021	14	5	No	0.437429577	-3.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	7	4	No	0.176769504	-2.00	1	Decreasing	5	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1061	625651.61	3773186.59	BA	4/28/2003	4/20/2021	25	25	No	0.10405123	-10.00	1	Decreasing	4	4	No	0.076223619	3.00	0.729	No Trend	10	10	No	0.134268607	-22.00	1	Decreasing	5	5	No	0.065984127	1.00	0.5	No Trend
PTX06-1062A	633017.18	3771685.22	RDX	8/21/2001	8/3/2021	57	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	26	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	HMX	8/21/2001	8/3/2021	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TNT	8/21/2001	8/3/2021	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT24	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT26	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT2A	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNT4A	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TNB135	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DNB13	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DIOXANE14	8/2/2002	8/3/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	PCE	8/21/2001	8/3/2021	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TCE	8/21/2001	8/3/2021	57	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DCE12C	8/21/2001	8/3/2021	56	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	DCA12	8/21/2001	8/3/2021	48	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	TCLME	8/21/2001	8/3/2021	46	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1062A	633017.18	3771685.22	PERC	8/21/2001	8/3/2021	56	4	No	0.284676004	-306.00	1	Decreasing	4	4	No	0.073717898	-2.00	1	Decreasing	25	4	No	0.397926401	-86.00	1	Decreasing	10	4	No	0.73740791	-26.00	1	Decreasing
PTX06-1062A	633017.18	3771685.22	B	8/21/2001	8/3/2021	49	49	No	0.088753573	-29.00	1	Decreasing	4	4	No	0.110696736	-2.00	1	Decreasing	25	25	No	0.093476534	27.00	0.726	No Trend	10	10	No	0.087653753	-8.00	1	Decreasing
PTX06-1062A	633017.18	3771685.22	CR	8/21/2001	2/1/2021	36	36	No	0.774829791	192.00	0.996	Increasing	4	4	No	0.53399332	-2.00	1	Decreasing	5	5	No	0.454183018	-2.00	1	Decreasing	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1062A	633017.18	3771685.22	CR-6	8/21/2001	2/1/2021	28	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1062A	633017.18	3771685.22	MN	8/21/2001	8/3/2021	43	28	No	2.364735664	-268.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	14	No	1.222067528	-69.00	1	Decreasing	10	6	No	0.302049306	-3.00	1	Decreasing
PTX06-1062A	633017.18	3771685.22	NI	8/21/2001	2/1/2021	28	23	No	1.29922294	-60.00	1	Decreasing	4	4	No	1.393564047	6.00	0.958	Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1062A	633017.18	3771685.22	AS	8/21/2001	8/3/2021	31	16	No	0.334917281	180.00	0.999	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	12	No	0.224184638	66.00	0.999	Increasing	10	9	No	0.175458375	15.00	0.892	No Trend
PTX06-1062A	633017.18	3771685.22	BA	8/21/2001	8/3/2021	50	50	No	0.059046509	-401.00	1	Decreasing	4	4	No	0.057596723	-2.00	1	Decreasing	19	19	No	0.05264903	10.00	0.622	No Trend	10	10	No	0.040012865	5.00	1	Increasing
PTX06-1062A	633017.18	3771685.22	V	8/21/2001	2/1/2021	20	20	No	0.211032442	83.00	0.9965	Increasing	4	4	No	0.153366489	0.00	0.375	Stable	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1064	635900.45	3773557.90	RDX	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	HMX	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TNT	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT24	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT26	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT2A	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNT4A	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TNB135	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DNB13	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DIOXANE14	5/21/2003	10/20/2021	18	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	14	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	PCE	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TCE	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DCE12C	4/21/2003	10/20/2021	49	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	DCA12	4/21/2003	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	TCLME	4/21/2003	10/20/2021	39	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1064	635900.45	3773557.90	PERC	4/21/2003	10/20/2021	49	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1064	635900.45	3773557.90	B	4/21/2003	10/20/2021	41	41	No	0.085936897	12.00	1	Increasing	4	4	No	0.06993007	-4.00	1	Decreasing	23	23	No	0.086373958	0.00	0.489333333	Stable	8	8	No	0.072166139	6.00	0.726	No Trend
PTX06-1064	635900.45	3773557.90	MN	4/21/2003	10/20/2021	36	15	No	0.276674062	9.00	0.543	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	6	No	0.290853143	49.00	0.9855	Increasing	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1064	635900.45	3773557.90	AS	4/21/2003	10/20/2021	24	13	No	0.365636903	65.00	0.9435	Probably Increasing	4	4	No	0.062393521	-2.00	1	Decreasing	14	9	No	0.212705191	35.00	0.969	Increasing	8	5	No	0.183594688	13.00	0.9285	Probably Increasing
PTX06-1064	635900.45	3773557.90	BA	4/21/2003	10/20/2021	43	43	No	0.065412895	-36.00	1	Decreasing	4	4	No	0.050717278	0.00	0.375	Stable	17	17	No	0.050048804	-22.00	1	Decreasing	8	8	No	0.045620733	-6.00	1	Decreasing
PTX06-1068	643403.70	3773360.30	RDX	11/13/2002	10/19/2021	52	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	HMX	11/13/2002	10/19/2021	52	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TNT	11/13/2002	10/19/2021	52	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT24	11/13/2002	10/19/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT26	11/13/2002	10/19/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT2A	11/13/2002	10/19/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNT4A	11/13/2002	10/19/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TNB135	11/13/2002	10/19/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DNB13	11/13/2002	10/19/2021	42	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DIOXANE14	10/22/2014	10/19/2021	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1068	643403.70	3773360.30	PCE	8/26/2002	10/19/2021	53	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TCE	8/26/2002	10/19/2021	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DCE12C	8/26/2002	10/19/2021	53	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	DCA12	8/26/2002	10/19/2021	45	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	TCLME	8/26/2002	10/19/2021	43	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1068	643403.70	3773360.30	PERC	8/26/2002	10/19/2021	53	4	No	0.261811411	-192.00	1	Decreasing	4	4	No	0.089273588	4.00	0.833	No Trend	25	4	No	0.400578918	-80.00	1	Decreasing	10	4	No	0.744023304	-20.00	1	Decreasing
PTX06-1068	643403.70	3773360.30	B	8/26/2002	10/19/2021	45	45	No	0.13425989	-12.00	1	Decreasing	4	4	No	0.034559214	-6.00	1	Decreasing	25	25	No	0.165798548	4.00	0.528	No Trend	10	10	No	0.066804404	25.00	0.986	Increasing
PTX06-1068	643403.70	3773360.30	MN	8/26/2002	10/19/2021	45	30	No	0.555007502	-181.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	14	No	0.682145434	11.00	0.603	No Trend	10	4	No	0.781944986	-6.00	1	Decreasing
PTX06-1068	643403.70	3773360.30	AS	8/26/2002	10/19/2021	27	14	No	0.32856534	103.00	0.984	Increasing	4	4	No	0.148236588	0.00	0.375	Stable	15	11	No	0.179339709	49.00	1	Increasing	10	9	No	0.164633161	9.00	1	Increasing
PTX06-1068	643403.70	3773360.30	BA	8/26/2002	10/19/2021	42	42	No	0.146176973	-378.00	1	Decreasing	4	4	No	0.034179406	-6.00	1	Decreasing	18	18	No	0.094604641	-20.00	1	Decreasing	10	10	No	0.047646369	-19.00	1	Decreasing
PTX06-1072	635047.45	3758434.63	RDX	9/25/2001	8/2/2021	37	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	26	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	HMX	9/25/2001	8/2/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TNT	9/25/2001	8/2/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT24	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT26	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT2A	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNT4A	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TNB135	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DNB13	9/25/2001	8/2/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DIOXANE14	6/10/2002	8/2/2021	20	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	PCE	9/25/2001	8/2/2021	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TCE	9/25/2001	8/2/2021	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DCE12C	9/25/2001	8/2/2021	35	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	DCA12	9/25/2001	8/2/2021	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	TCLME	9/25/2001	8/2/2021	33	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1072	635047.45	3758434.63	PERC	9/25/2001	8/2/2021	35	4	No	0.363452382	-152.00	1	Decreasing	4	4	No	0.14992407	2.00	0.625	No Trend	25	4	No	0.415786929	-82.00	1	Decreasing	10	4	No	0.78254309	-22.00	1	Decreasing
PTX06-1072	635047.45	3758434.63	B	9/25/2001	8/2/2021	34	34	No	0.097068317	109.00	0.945	Probably Increasing	4	4	No	0.092185225	-2.00	1	Decreasing	25	25	No	0.083955199	104.00	0.992	Increasing	10	10	No	0.076198201	4.00	1	Increasing
PTX06-1072	635047.45	3758434.63	CR	9/25/2001	1/27/2021	13	10	No	0.626262205	41.00	0.994	Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	1	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1072	635047.45	3758434.63	CR-6	9/25/2001	1/27/2021	12	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1072	635047.45	3758434.63	MN	9/25/2001	8/2/2021	28	19	No	2.736195456	-144.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	12	No	2.80152445	-58.00	1	Decreasing	10	8	No	0.355248465	-2.00	1	Decreasing
PTX06-1072	635047.45	3758434.63	NI	9/25/2001	1/27/2021	13	7	No	0.780391086	-26.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1072	635047.45	3758434.63	AS	9/25/2001	8/2/2021	23	18	No	0.379743433	74.00	0.9735	Increasing	4	4	No	0.094860804	-2.00	1	Decreasing	16	14	No	0.272343316	48.00	0.984	Increasing	10	10	No	0.127875896	5.00	1	Increasing
PTX06-1072	635047.45	3758434.63	BA	9/25/2001	8/2/2021	29	29	No	0.13215945	-221.00	1	Decreasing	4	4	No	0.018363195	0.00	0.375	Stable	19	19	No	0.132748763	-57.00	1	Decreasing	10	10	No	0.022602773	-1.00	1	Decreasing
PTX06-1072	635047.45	3758434.63	V	9/25/2001	1/27/2021	11	11	No	0.092641133	19.00	0.918	Probably Increasing	4	4	No	0.053497962	6.00	0.958	Increasing	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1075	630512.54	3753624.01	RDX	6/17/2002	7/26/2021	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	HMX	6/17/2002	7/26/2021	27	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	TNT	6/17/2002	7/26/2021	27	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DNT24	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DNT26	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DNT2A	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DNT4A	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	TNB135	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DNB13	6/17/2002	7/26/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DIOXANE14	6/17/2002	7/26/2021	12	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	PCE	6/17/2002	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	TCE	6/17/2002	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DCE12C	6/17/2002	7/26/2021	28	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	DCA12	6/17/2002	7/26/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	TCLME	6/17/2002	7/26/2021	23	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	12	0	Yes	0	0.00	0	All Non-Detect	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	PERC	6/17/2002	7/26/2021	25	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	12	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1075	630512.54	3753624.01	B	6/17/2002	7/26/2021	24	24	No	0.11007588	-150.00	1	Decreasing	4	4	No	0.112763671	-4.00	1	Decreasing	12	12	No	0.081794301	-8.00	1	Decreasing	5	5	No	0.098662037	-6.00	1	Decreasing

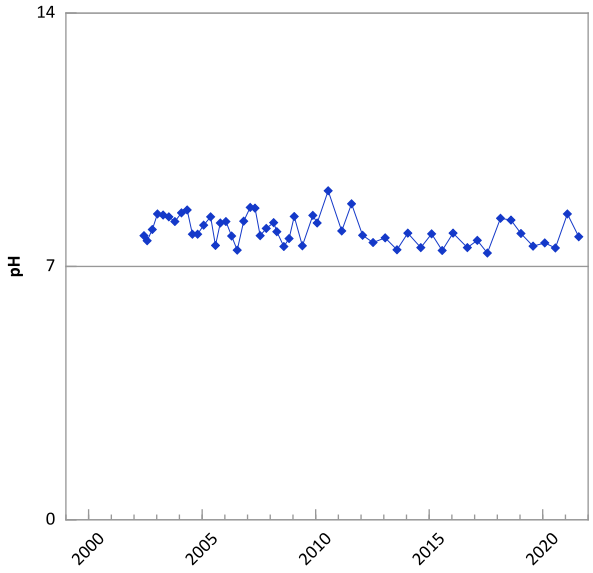
PTX06-1075	630512.54	3753624.01	MN	6/17/2002	7/26/2021	24	13	No	2.197570456	-54.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	0	Yes	0	0.00	0	All Non-Detect
PTX06-1075	630512.54	3753624.01	AS	6/17/2002	7/26/2021	16	13	No	0.378403736	29.00	0.8945	No Trend	4	4	No	0.225888874	0.00	0.375	Stable	8	8	No	0.327915801	12.00	0.911	Probably Increasing	5	5	No	0.304724354	4.00	0.758	No Trend
PTX06-1075	630512.54	3753624.01	BA	6/17/2002	7/26/2021	25	25	No	0.122870407	70.00	0.946	Probably Increasing	4	4	No	0.043558981	2.00	0.625	No Trend	10	10	No	0.070141074	25.00	0.986	Increasing	5	5	No	0.066997158	6.00	0.883	No Trend
PTX06-1076	637327.32	3752978.41	RDX	6/18/2002	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	HMX	6/18/2002	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TNT	6/18/2002	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT24	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT26	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT2A	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNT4A	6/18/2002	10/20/2021	37	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	TNB135	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DNB13	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	PCE	6/18/2002	10/20/2021	41	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TCE	6/18/2002	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DCE12C	6/18/2002	10/20/2021	41	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	DCA12	6/18/2002	10/20/2021	37	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	TCLME	6/18/2002	10/20/2021	36	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	PERC	6/18/2002	10/20/2021	38	4	No	0.315542511	-136.00	1	Decreasing	4	4	No	0.036624218	0.00	0.375	Stable	25	4	No	0.401937841	-84.00	1	Decreasing	10	4	No	0.747423017	-24.00	1	Decreasing
PTX06-1076	637327.32	3752978.41	B	6/18/2002	10/20/2021	37	37	No	0.087512179	-138.00	1	Decreasing	4	4	No	0.07539189	-2.00	1	Decreasing	25	25	No	0.082580445	-5.00	1	Decreasing	10	10	No	0.074118485	10.00	1	Increasing
PTX06-1076	637327.32	3752978.41	CR	6/18/2002	10/20/2021	41	24	No	0.406141085	313.00	1	Increasing	4	0	Yes	0	0.00	0	All Non-Detect	25	9	No	0.25161325	50.00	0.872	No Trend	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1076	637327.32	3752978.41	CR-6	6/18/2002	10/20/2021	42	12	No	0.4748206	-436.00	1	Decreasing	4	4	No	0.03977746	0.00	0.375	Stable	25	10	No	0.587714646	-195.00	1	Decreasing	10	9	No	0.989832797	-9.00	1	Decreasing
PTX06-1076	637327.32	3752978.41	MN	6/18/2002	10/20/2021	39	24	No	0.863412759	-87.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	11	No	0.26003256	17.00	0.6445	No Trend	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	NI	6/18/2002	10/20/2021	39	26	No	0.676634101	-210.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	18	No	0.409197325	-73.00	1	Decreasing	10	4	No	0.272711013	-2.00	1	Decreasing
PTX06-1076	637327.32	3752978.41	MO	6/18/2002	10/20/2021	39	39	No	0.112318972	-69.00	1	Decreasing	4	4	No	0.058270387	-2.00	1	Decreasing	25	25	No	0.046080772	26.00	0.718	No Trend	10	10	No	0.03595241	-8.00	1	Decreasing
PTX06-1076	637327.32	3752978.41	AS	6/18/2002	10/20/2021	23	22	No	0.250034717	120.00	0.9995	Increasing	4	4	No	0.069964557	0.00	0.375	Stable	15	15	No	0.142061641	34.00	1	Increasing	10	10	No	0.055138647	5.00	1	Increasing
PTX06-1076	637327.32	3752978.41	BA	6/18/2002	10/20/2021	33	33	No	0.044073419	146.00	0.988	Increasing	4	4	No	0.041107257	-2.00	1	Decreasing	18	18	No	0.04132868	66.00	0.994	Increasing	10	10	No	0.033431807	21.00	0.964	Increasing
PTX06-1076	637327.32	3752978.41	FE	6/18/2002	10/20/2021	39	27	No	0.57735403	-191.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	16	No	0.424822661	-168.00	1	Decreasing	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1076	637327.32	3752978.41	V	6/18/2002	10/20/2021	35	35	No	0.041925816	4.00	0.5165	No Trend	4	4	No	0.020037103	-1.00	1	Decreasing	25	25	No	0.041771358	-43.00	1	Decreasing	10	10	No	0.054188556	0.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	RDX	11/10/2009	10/18/2021	27	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	27	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	11	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	HMX	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TNT	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT24	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT26	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT2A	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNT4A	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TNB135	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DNB13	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	PCE	11/10/2009	10/18/2021	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TCE	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DCE12C	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	DCA12	11/10/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	TCLME	11/10/2009	10/18/2021	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1137A	647900.89	3758635.67	B	11/10/2009	10/18/2021	25	25	No	0.100356525	24.00	0.703	No Trend	4	4	No	0.074074074	-6.00	1	Decreasing	25	25	No	0.100356525	24.00	0.703	No Trend	10	10	No	0.098428151	11.00	1	Increasing
PTX06-1137A	647900.89	3758635.67	CR	11/10/2009	10/18/2021	25	12	No	0.277009639	54.00	0.891	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	25	12	No	0.277009639	54.00	0.891	No Trend	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1137A	647900.89	3758635.67	CR-6	11/10/2009	10/18/2021	25	11	No	0.592694184	-189.00	1	Decreasing	4	4	No	0.074308943	2.00	0.625	No Trend	25	11	No	0.592694184	-189.00	1	Decreasing	10	10	No	0.320129459	13.00	0.854	No Trend
PTX06-1137A	647900.89	3758635.67	MN	11/10/2009	10/18/2021	25	17	No	1.204344401	-18.00	1	Decreasing	4	4	No	0.392706167	2.00	0.625	No Trend	25	17	No	1.204344401	-18.00	1	Decreasing	10	8	No	0.442089973	10.00	1	Increasing
PTX06-1137A	647900.89	3758635.67	NI	11/10/2009	10/18/2021	25	19	No	0.457854329	-140.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	19	No	0.457854329	-140.00	1	Decreasing	10	5	No	0.278018639	21.00	0.964	Increasing
PTX06-1137A	647900.89	3758635.67	MO	11/10/2009	10/18/2021	25	25	No	0.040763542	-12.00	1	Decreasing	4	4	No	0.02028296	-3.00	1	Decreasing	25	25	No	0.040763542	-12.00	1	Decreasing	10	10	No	0.04824241	-6.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	AS	10/20/2014	10/18/2021	15	14	No	0.306719473	51.00	1	Increasing	4	4	No	0.12875947	0.00	0.375	Stable	15	14	No	0.306719473	51.00	1	Increasing	10	10	No	0.170615802	1.00	1	Increasing
PTX06-1137A	647900.89	3758635.67	BA	1/26/2010	10/18/2021	18	18	No	0.044745187	-28.00	1	Decreasing	4	4	No	0.05743935	-4.00	1	Decreasing	18	18	No	0.044745187	-28.00	1	Decreasing	10	10	No	0.040731227	-13.00	1	Decreasing
PTX06-1137A	647900.89	3758635.67	FE	11/10/2009	10/18/2021	25	15	No	1.306709592	-175.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	1.306709592	-175.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1137A	647900.89	3758635.67	V	11/10/2009	10/18/2021	25	25	No	0.05002715	12.00	0.6	No Trend	4	4	No	0.054446445	-2.00	1	Decreasing	25	25	No	0.05002715	12.00	0.6	No Trend	10	10	No	0.053648397	-13.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	RDX	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	HMX	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TNT	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT24	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT26	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT2A	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNT4A	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TNB135	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DNB13	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	PCE	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TCE	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DCE12C	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	DCA12	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	TCLME	10/1/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	B	10/1/2009	10/18/2021	25	25	No	0.075710684	0.00	0.491	Stable	4	4	No	0.044753594	-6.00	1	Decreasing	25	25	No	0.075710684	0.00	0.491	Stable	10	10	No	0.079968264	0.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	CR	10/1/2009	10/18/2021	26	12	No	1.599058791	39.00	0.797	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	26	12	No	1.599058791	39.00	0.797	No Trend	11	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1138	646285.31	3760503.82	CR-6	10/1/2009	10/18/2021	26	13	No	1.312919613	-155.00	1	Decreasing	4	4	No	0.039735902	2.00	0.625	No Trend	26	13	No	1.312919613	-155.00	1	Decreasing	11	10	No	2.115512288	-3.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	MN	10/1/2009	10/18/2021	26	21	No	1.354967581	-46.00	1	Decreasing	4	4	No	0.228241547	-2.00	1	Decreasing	26	21	No	1.354967581	-46.00	1	Decreasing	11	9	No	0.300087943	10.00	0.753	No Trend
PTX06-1138	646285.31	3760503.82	NI	10/1/2009	10/18/2021	26	19	No	1.481934772	-198.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	26	19	No	1.481934772	-198.00	1	Decreasing	11	5	No	0.307341985	-16.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	MO	10/1/2009	10/18/2021	26	26	No	0.057352365	69.00	0.933	Probably Increasing	4	4	No	0.013449018	0.00	0.375	Stable	26	26	No	0.057352365	69.00	0.933	Probably Increasing	11	11	No	0.044828826	-5.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	AS	10/20/2014	10/18/2021	15	14	No	0.190534519	27.00	0.899	No Trend	4	4	No	0.153348052	-2.00	1	Decreasing	15	14	No	0.190534519	27.00	0.899	No Trend	10	10	No	0.147177056	-7.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	BA	5/4/2010	10/18/2021	18	18	No	0.047206993	13.00	0.673	No Trend	4	4	No	0.050653004	0.00	0.375	Stable	18	18	No	0.047206993	13.00	0.673	No Trend	10	10	No	0.041821968	-23.00	1	Decreasing
PTX06-1138	646285.31	3760503.82	FE	10/1/2009	10/18/2021	26	14	No	1.109815689	-201.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	26	14	No	1.109815689	-201.00	1	Decreasing	11	0	Yes	0	0.00	0	All Non-Detect
PTX06-1138	646285.31	3760503.82	V	10/1/2009	10/18/2021	26	26	No	0.037022258	-33.00	1	Decreasing	4	4	No	0.057197459	-4.00	1	Decreasing	26	26	No	0.037022258	-33.00	1	Decreasing	11	11	No	0.048182149	14.00	0.84	No Trend
PTX06-1139	646768.73	3756376.08	RDX	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	HMX	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TNT	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT24	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT26	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT2A	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNT4A	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TNB135	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DNB13	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	PCE	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	TCE	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DCE12C	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	DCA12	9/30/2009	8/9/2021	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	25	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1139	646768.73	3756376.08	TCLME	9/30/2009	8/9/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	B	9/30/2009	8/9/2021	25	25	No	0.072192584	-12.00	1	Decreasing	4	4	No	0.080411426	0.00	0.375	Stable	25	25	No	0.072192584	-12.00	1	Decreasing	10	10	No	0.069268158	-2.00	1	Decreasing
PTX06-1139	646768.73	3756376.08	CR	9/30/2009	8/9/2021	25	7	No	1.411936467	-6.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	7	No	1.411936467	-6.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	CR-6	9/30/2009	8/9/2021	25	12	No	0.758041042	-214.00	1	Decreasing	4	4	No	0.530547825	0.00	0.375	Stable	25	12	No	0.758041042	-214.00	1	Decreasing	10	10	No	0.594421044	-31.00	1	Decreasing
PTX06-1139	646768.73	3756376.08	MN	9/30/2009	8/9/2021	25	18	No	1.136370342	-169.00	1	Decreasing	4	4	No	0.193888093	0.00	0.375	Stable	25	18	No	1.136370342	-169.00	1	Decreasing	10	6	No	0.377412077	-23.00	1	Decreasing
PTX06-1139	646768.73	3756376.08	NI	9/30/2009	8/9/2021	25	12	No	1.171686786	-84.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	12	No	1.171686786	-84.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1139	646768.73	3756376.08	MO	9/30/2009	8/9/2021	25	25	No	0.193053	4.00	0.528	No Trend	4	4	No	0.010127038	0.00	0.375	Stable	25	25	No	0.193053	4.00	0.528	No Trend	10	10	No	0.126775476	29.00	0.995	Increasing
PTX06-1139	646768.73	3756376.08	AS	8/5/2014	8/9/2021	15	13	No	0.329122161	40.00	1	Increasing	4	4	No	0.148536533	-4.00	1	Decreasing	15	13	No	0.329122161	40.00	1	Increasing	10	10	No	0.098845474	-7.00	1	Decreasing
PTX06-1139	646768.73	3756376.08	BA	5/4/2010	8/9/2021	18	18	No	0.408962288	-109.00	1	Decreasing	4	4	No	0.068022256	2.00	0.625	No Trend	18	18	No	0.408962288	-109.00	1	Decreasing	10	10	No	0.108133833	-9.00	1	Decreasing
PTX06-1139	646768.73	3756376.08	FE	9/30/2009	8/9/2021	25	14	No	1.238738845	-197.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	25	14	No	1.238738845	-197.00	1	Decreasing	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1139	646768.73	3756376.08	V	9/30/2009	8/9/2021	25	25	No	0.069899078	34.00	0.778	No Trend	4	4	No	0.050395583	4.00	0.833	No Trend	25	25	No	0.069899078	34.00	0.778	No Trend	10	10	No	0.072918221	-13.00	1	Decreasing
PTX06-1140	646959.38	3762807.67	RDX	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	HMX	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TNT	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT24	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT26	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT2A	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNT4A	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TNB135	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DNB13	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	PCE	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TCE	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DCE12C	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	DCA12	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	TCLME	10/5/2009	10/18/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	B	10/5/2009	10/18/2021	25	25	No	0.075862088	69.00	0.9435	Probably Increasing	4	4	No	0.073687995	-4.00	1	Decreasing	25	25	No	0.075862088	69.00	0.9435	Probably Increasing	10	10	No	0.08460637	13.00	0.854	No Trend
PTX06-1140	646959.38	3762807.67	CR	10/5/2009	10/18/2021	26	18	No	1.55312733	68.00	0.93	Probably Increasing	4	0	Yes	0	0.00	0	All Non-Detect	26	18	No	1.55312733	68.00	0.93	Probably Increasing	10	3	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1140	646959.38	3762807.67	CR-6	10/5/2009	10/18/2021	26	15	No	0.828279442	-179.00	1	Decreasing	4	4	No	0.225982373	2.00	0.625	No Trend	26	15	No	0.828279442	-179.00	1	Decreasing	10	9	No	0.638351746	13.00	0.854	No Trend
PTX06-1140	646959.38	3762807.67	MN	10/5/2009	10/18/2021	25	7	No	1.309783974	32.00	0.763	No Trend	4	0	Yes	0	0.00	0	All Non-Detect	25	7	No	1.309783974	32.00	0.763	No Trend	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1140	646959.38	3762807.67	NI	10/5/2009	10/18/2021	25	17	No	1.318333665	-10.00	1	Decreasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	17	No	1.318333665	-10.00	1	Decreasing	10	4	No	0.143642254	6.00	1	Increasing
PTX06-1140	646959.38	3762807.67	MO	10/5/2009	10/18/2021	25	25	No	0.05570384	-40.00	1	Decreasing	4	4	No	0.027320787	2.00	0.625	No Trend	25	25	No	0.05570384	-40.00	1	Decreasing	10	10	No	0.053439897	12.00	1	Increasing
PTX06-1140	646959.38	3762807.67	AS	10/20/2014	10/18/2021	15	14	No	0.177742621	37.00	1	Increasing	4	4	No	0.141143916	0.00	0.375	Stable	15	14	No	0.177742621	37.00	1	Increasing	10	10	No	0.132133197	11.00	1	Increasing
PTX06-1140	646959.38	3762807.67	BA	5/4/2010	10/18/2021	18	18	No	0.077293477	58.00	0.9855	Increasing	4	4	No	0.052237754	-4.00	1	Decreasing	18	18	No	0.077293477	58.00	0.9855	Increasing	10	10	No	0.034485037	0.00	1	Decreasing
PTX06-1140	646959.38	3762807.67	FE	10/5/2009	10/18/2021	25	15	No	1.066026593	-179.00	1	Decreasing	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	25	15	No	1.066026593	-179.00	1	Decreasing	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1140	646959.38	3762807.67	V	10/5/2009	10/18/2021	25	25	No	0.058144515	61.00	0.9185	Probably Increasing	4	4	No	0.066611442	-4.00	1	Decreasing	25	25	No	0.058144515	61.00	0.9185	Probably Increasing	10	10	No	0.061987814	13.00	0.854	No Trend
PTX06-1141	633445.44	3766872.94	RDX	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect

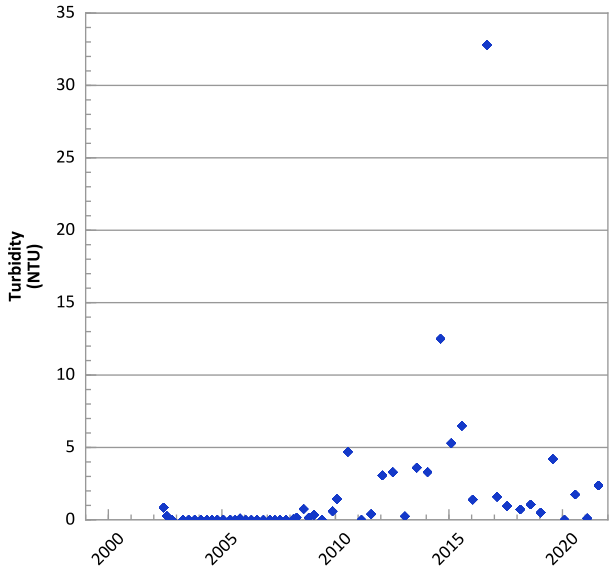
PTX06-1141	633445.44	3766872.94	HMX	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TNT	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT24	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT26	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT2A	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNT4A	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TNB135	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DNB13	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DIOXANE14	6/27/2011	1/27/2021	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	PCE	10/14/2009	1/27/2021	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	22	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TCE	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DCE12C	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	DCA12	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	TCLME	10/14/2009	1/27/2021	22	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	22	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX06-1141	633445.44	3766872.94	PERC	10/14/2009	1/27/2021	22	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	22	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1141	633445.44	3766872.94	B	10/14/2009	1/27/2021	22	22	No	0.08017314	-21.00	1	Decreasing	4	4	No	0.07252971	-4.00	1	Decreasing	22	22	No	0.08017314	-21.00	1	Decreasing	8	8	No	0.092288182	14.00	0.946	Probably Increasing
PTX06-1141	633445.44	3766872.94	CR	6/27/2011	1/27/2021	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1141	633445.44	3766872.94	CR-6	6/27/2011	1/27/2021	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1141	633445.44	3766872.94	MN	7/21/2010	1/27/2021	16	15	No	1.356714516	-73.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	16	15	No	1.356714516	-73.00	1	Decreasing	8	7	No	0.495146329	3.00	0.594	No Trend
PTX06-1141	633445.44	3766872.94	NI	6/27/2011	1/27/2021	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	2	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1141	633445.44	3766872.94	AS	6/27/2011	1/27/2021	14	12	No	0.275811277	66.00	1	Increasing	4	4	No	0.118636034	-2.00	1	Decreasing	14	12	No	0.275811277	66.00	1	Increasing	8	8	No	0.224718019	16.00	0.969	Increasing
PTX06-1141	633445.44	3766872.94	BA	7/21/2010	1/27/2021	17	17	No	0.109753637	-3.00	1	Decreasing	4	4	No	0.117989566	-2.00	1	Decreasing	17	17	No	0.109753637	-3.00	1	Decreasing	8	8	No	0.125626064	10.00	0.862	No Trend
PTX06-1141	633445.44	3766872.94	V	6/27/2011	1/27/2021	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	3	3	No	0	0.00	0	N/A (<4 Samples in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1143	639244.72	3770496.78	RDX	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	HMX	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TNT	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT24	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT26	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT2A	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNT4A	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TNB135	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DNB13	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DIOXANE14	6/8/2011	10/19/2021	16	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	16	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	PCE	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TCE	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DCE12C	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	DCA12	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	TCLME	10/15/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	PERC	10/15/2009	10/19/2021	24	4	No	0.420079461	-76.00	1	Decreasing	4	4	No	0.04857217	4.00	0.833	No Trend	24	4	No	0.420079461	-76.00	1	Decreasing	10	4	No	0.767412006	-20.00	1	Decreasing
PTX06-1143	639244.72	3770496.78	B	10/15/2009	10/19/2021	25	25	No	0.093428121	66.00	0.935	Probably Increasing	4	4	No	0.080983881	-6.00	1	Decreasing	25	25	No	0.093428121	66.00	0.935	Probably Increasing	10	10	No	0.061224496	1.00	1	Increasing
PTX06-1143	639244.72	3770496.78	CR	5/5/2010	4/27/2021	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1143	639244.72	3770496.78	CR-6	5/5/2010	4/27/2021	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	6	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1143	639244.72	3770496.78	MN	5/5/2010	10/19/2021	19	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	19	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1143	639244.72	3770496.78	NI	5/5/2010	4/27/2021	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	5	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	1	0	Yes	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1143	639244.72	3770496.78	AS	6/8/2011	10/19/2021	16	12	No	0.210356709	54.00	0.992	Increasing	4	4	No	0.166301541	0.00	0.375	Stable	16	12	No	0.210356709	54.00	0.992	Increasing	10	8	No	0.186717739	10.00	1	Increasing
PTX06-1143	639244.72	3770496.78	BA	5/5/2010	10/19/2021	19	19	No	0.042058464	94.00	1	Increasing	4	4	No	0.01769943	-5.00	1	Decreasing	19	19	No	0.042058464	94.00	1	Increasing	10	10	No	0.030420851	22.00	0.9705	Increasing
PTX06-1143	639244.72	3770496.78	V	5/5/2010	4/27/2021	5	5	No	0.024286213	1.00	0.5	No Trend	4	4	No	0.026658643	-1.00	1	Decreasing	5	5	No	0.024286213	1.00	0.5	No Trend	1	1	No	0	0.00	0	N/A (<4 Samples in Dataset)
PTX06-1144	640252.98	3773320.45	RDX	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	HMX	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TNT	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT24	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT26	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT2A	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNT4A	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TNB135	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DNB13	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DIOXANE14	10/30/2014	10/19/2021	15	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	15	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	PCE	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TCE	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DCE12C	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	DCA12	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	TCLME	11/4/2009	10/19/2021	25	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	25	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1144	640252.98	3773320.45	PERC	11/4/2009	10/19/2021	25	4	No	0.399241968	-82.00	1	Decreasing	4	4	No	0.025728682	2.00	0.625	No Trend	25	4	No	0.399241968	-82.00	1	Decreasing	10	4	No	0.740684125	-22.00	1	Decreasing
PTX06-1144	640252.98	3773320.45	B	11/4/2009	10/19/2021	25	25	No	0.072764185	108.00	0.994	Increasing	4	4	No	0.067678463	-6.00	1	Decreasing	25	25	No	0.072764185	108.00	0.994	Increasing	10	10	No	0.0579324	11.00	1	Increasing
PTX06-1144	640252.98	3773320.45	CR	5/5/2010	10/19/2021	18	7	No	1.577694947	17.00	0.725	No Trend	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	18	7	No	1.577694947	17.00	0.725	No Trend	10	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1144	640252.98	3773320.45	CR-6	5/5/2010	10/19/2021	18	12	No	0.896348165	-83.00	1	Decreasing	4	4	No	0.027175358	2.00	0.625	No Trend	18	12	No	0.896348165	-83.00	1	Decreasing	10	9	No	0.921566395	-7.00	1	Decreasing
PTX06-1144	640252.98	3773320.45	MN	5/5/2010	10/19/2021	19	15	No	1.285735805	-26.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	19	15	No	1.285735805	-26.00	1	Decreasing	10	8	No	0.28769938	-4.00	1	Decreasing
PTX06-1144	640252.98	3773320.45	AS	10/30/2014	10/19/2021	15	12	No	0.193374787	41.00	1	Increasing	4	4	No	0.131714731	0.00	0.375	Stable	15	12	No	0.193374787	41.00	1	Increasing	10	9	No	0.167595007	7.00	1	Increasing
PTX06-1144	640252.98	3773320.45	BA	5/5/2010	10/19/2021	18	18	No	0.070432605	-19.00	1	Decreasing	4	4	No	0.085046394	-4.00	1	Decreasing	18	18	No	0.070432605	-19.00	1	Decreasing	10	10	No	0.073309854	-16.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	RDX	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	HMX	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TNT	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT24	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT26	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT2A	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNT4A	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TNB135	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DNB13	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	PCE	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	TCE	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DCE12C	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	DCA12	6/15/2010	8/9/2021	24	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	24	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	10	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX06-1157	647101.97	3753701.98	TCLME	6/15/2010	8/9/2021	24	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	24	0	Yes	0	0.00	0	All Non-Detect	10	0	Yes	0	0.00	0	All Non-Detect
PTX06-1157	647101.97	3753701.98	B	6/15/2010	8/9/2021	24	24	No	0.091311311	148.00	1	Increasing	4	4	No	0.050473058	4.00	0.833	No Trend	24	24	No	0.091311311	148.00	1	Increasing	10	10	No	0.074136818	9.00	1	Increasing
PTX06-1157	647101.97	3753701.98	CR	6/15/2010	8/9/2021	24	23	No	0.239111158	74.00	0.965	Increasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	23	No	0.239111158	74.00	0.965	Increasing	10	9	No	0.206806997	9.00	1	Increasing
PTX06-1157	647101.97	3753701.98	CR-6	6/15/2010	8/9/2021	24	13	No	0.382778208	-191.00	1	Decreasing	4	4	No	0.028706808	4.00	0.833	No Trend	24	13	No	0.382778208	-191.00	1	Decreasing	10	10	No	0.096475643	-5.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	MN	6/15/2010	8/9/2021	24	17	No	0.710878171	55.00	0.909	Probably Increasing	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	17	No	0.710878171	55.00	0.909	Probably Increasing	10	7	No	0.64632393	-2.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	NI	6/15/2010	8/9/2021	24	17	No	0.41882135	-96.00	1	Decreasing	4	4	No	0.169752322	2.00	0.625	No Trend	24	17	No	0.41882135	-96.00	1	Decreasing	10	6	No	0.179800093	-15.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	MO	6/15/2010	8/9/2021	24	24	No	0.094300485	45.00	0.8605	No Trend	4	4	No	0.044030113	0.00	0.375	Stable	24	24	No	0.094300485	45.00	0.8605	No Trend	10	10	No	0.096894302	-6.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	AS	6/7/2011	8/9/2021	16	14	No	0.229872626	37.00	0.947	Probably Increasing	4	4	No	0.131049166	-4.00	1	Decreasing	16	14	No	0.229872626	37.00	0.947	Probably Increasing	10	10	No	0.088175892	1.00	1	Increasing
PTX06-1157	647101.97	3753701.98	BA	10/21/2010	8/9/2021	19	19	No	0.071452822	-48.00	1	Decreasing	4	4	No	0.050391895	1.00	0.5	No Trend	19	19	No	0.071452822	-48.00	1	Decreasing	10	10	No	0.063758436	11.00	1	Increasing
PTX06-1157	647101.97	3753701.98	FE	6/15/2010	8/9/2021	24	19	No	1.218760603	-80.00	1	Decreasing	4	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	24	19	No	1.218760603	-80.00	1	Decreasing	10	7	No	0.712158989	0.00	1	Decreasing
PTX06-1157	647101.97	3753701.98	V	6/15/2010	8/9/2021	24	24	No	0.050103757	89.00	0.986	Increasing	4	4	No	0.036953076	0.00	0.375	Stable	24	24	No	0.050103757	89.00	0.986	Increasing	10	10	No	0.042870507	9.00	1	Increasing
PTX07-1R01	627914.28	3764159.91	RDX	9/19/2000	8/9/2021	34	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	HMX	9/19/2000	8/9/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TNT	9/19/2000	8/9/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT24	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT26	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT2A	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNT4A	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TNB135	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DNB13	9/19/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DIOXANE14	7/26/2001	8/9/2021	16	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	0	Yes	0	0.00	0	All Non-Detect	14	1	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	1	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	PCE	5/8/2000	8/9/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TCE	5/8/2000	8/9/2021	34	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DCE12C	5/8/2000	8/9/2021	30	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	DCA12	5/8/2000	8/9/2021	32	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	TCLME	5/8/2000	8/9/2021	31	0	Yes	0	0.00	0	All Non-Detect	4	0	Yes	0	0.00	0	All Non-Detect	23	0	Yes	0	0.00	0	All Non-Detect	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	PERC	9/19/2000	8/9/2021	33	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	4	2	No	0	0.00	0	N/A (<4 Detections in Dataset)	23	3	No	0	0.00	0	N/A (<4 Detections in Dataset)	8	2	No	0	0.00	0	N/A (<4 Detections in Dataset)
PTX07-1R01	627914.28	3764159.91	B	9/19/2000	8/9/2021	32	32	No	0.066052058	25.00	0.65	No Trend	4	4	No	0.082051686	0.00	0.375	Stable	23	23	No	0.065877474	6.00	0.552	No Trend	8	8	No	0.077964926	10.00	0.862	No Trend
PTX07-1R01	627914.28	3764159.91	MN	9/19/2000	8/9/2021	26	13	No	1.963013604	-175.00	1	Decreasing	4	0	Yes	0	0.00	0	All Non-Detect	16	4	No	1.397492315	-13.00	1	Decreasing	8	0	Yes	0	0.00	0	All Non-Detect
PTX07-1R01	627914.28	3764159.91	AS	9/19/2000	8/9/2021	21	18	No	0.322668935	43.00	1	Increasing	4	4	No	0.156405114	-6.00	1	Decreasing	14	12	No	0.287715032	28.00	0.929	Probably Increasing	8	7	No	0.199101976	6.00	0.726	No Trend
PTX07-1R01	627914.28	3764159.91	BA	9/19/2000	8/9/2021	28	28	No	0.134624846	-70.00	1	Decreasing	4	4	No	0.020366599	0.00	0.375	Stable	17	17	No	0.06731503	59.00	0.992	Increasing	8	8	No	0.033822813	-3.00	1	Decreasing

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



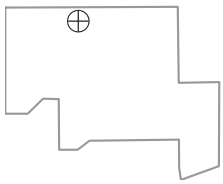






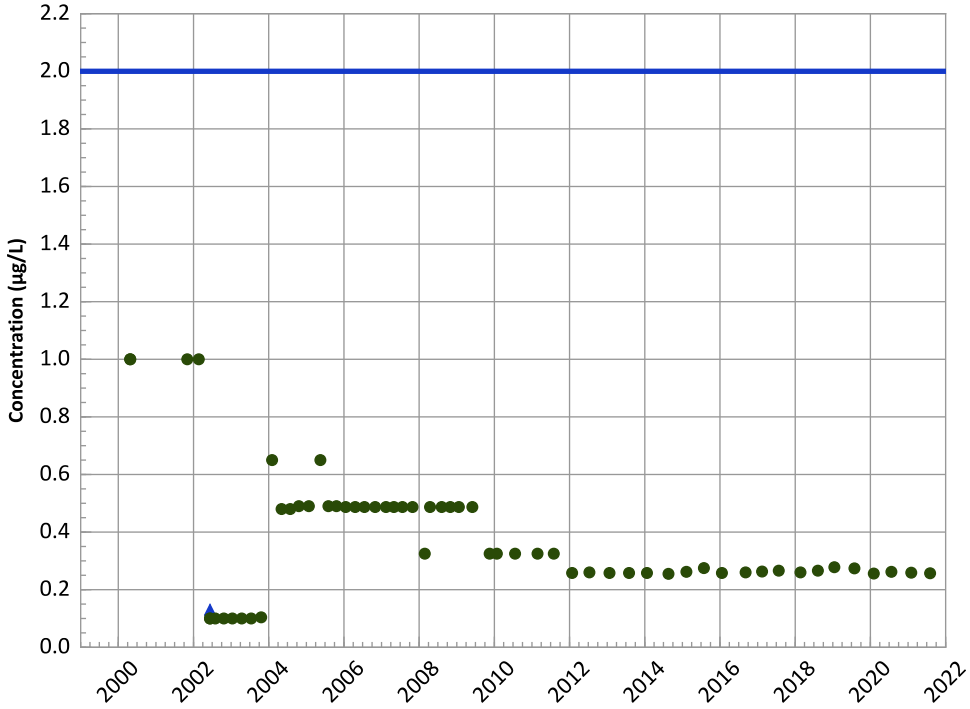
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

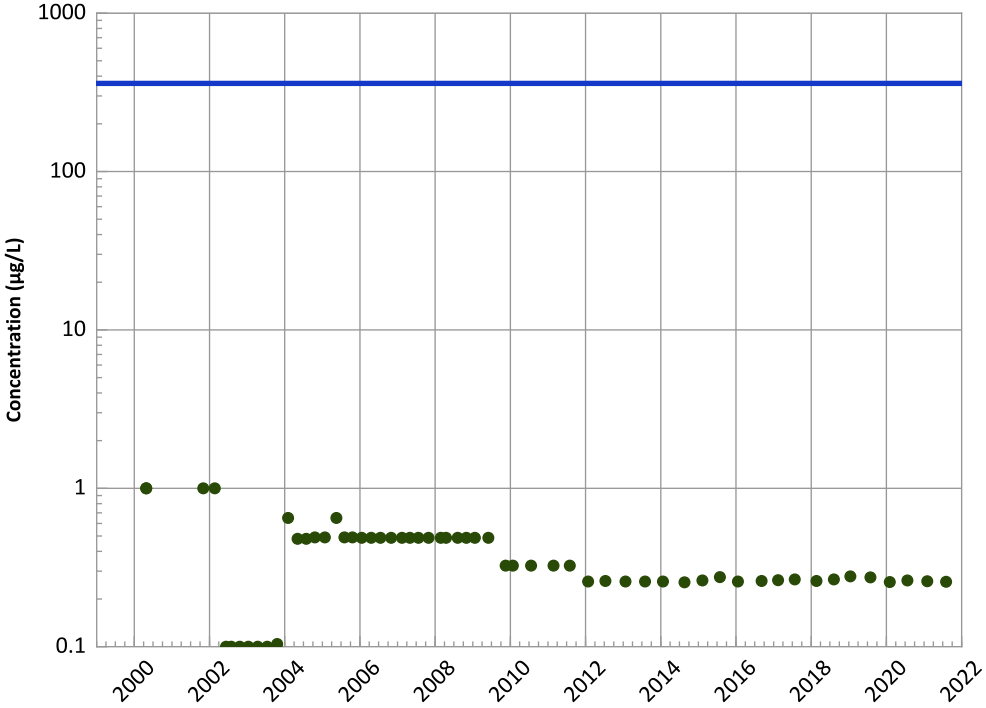


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

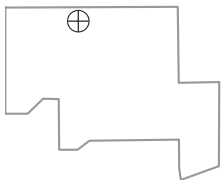
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

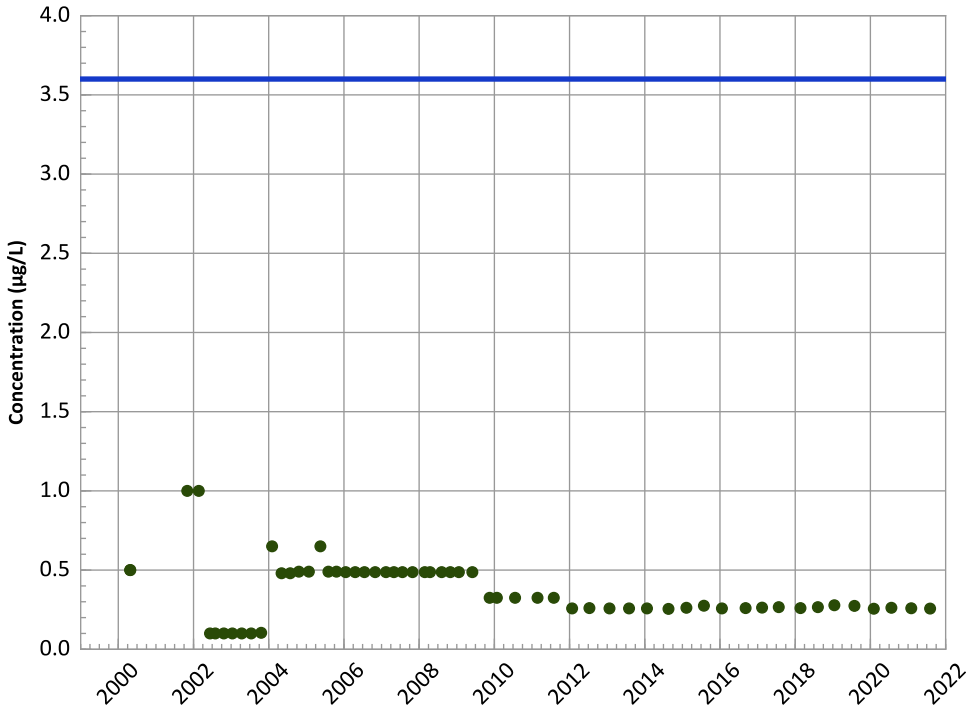
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

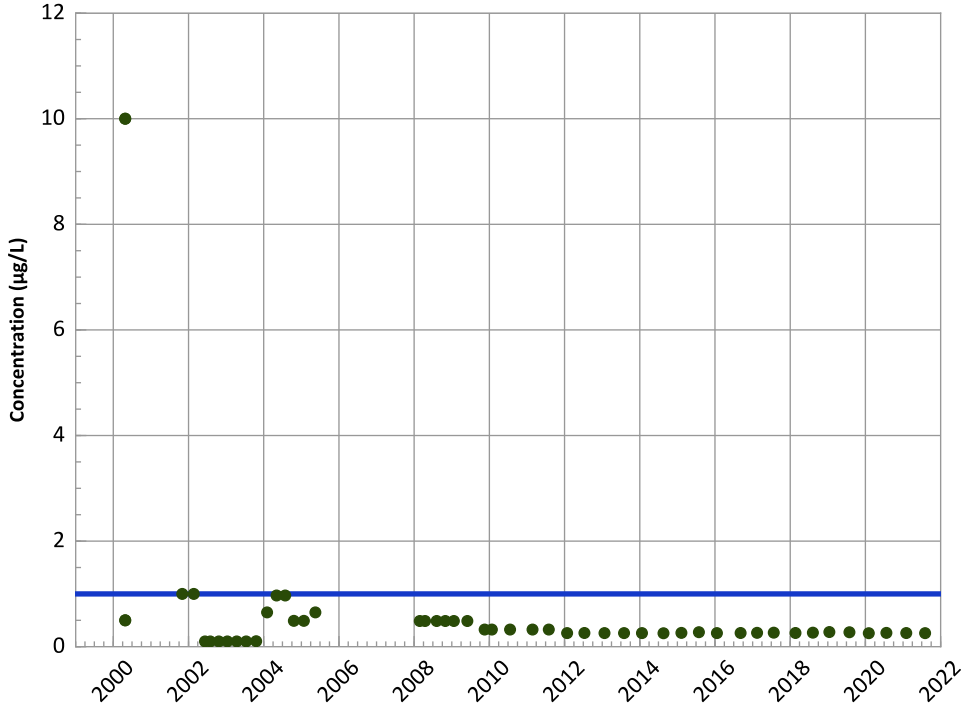


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

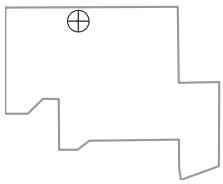
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

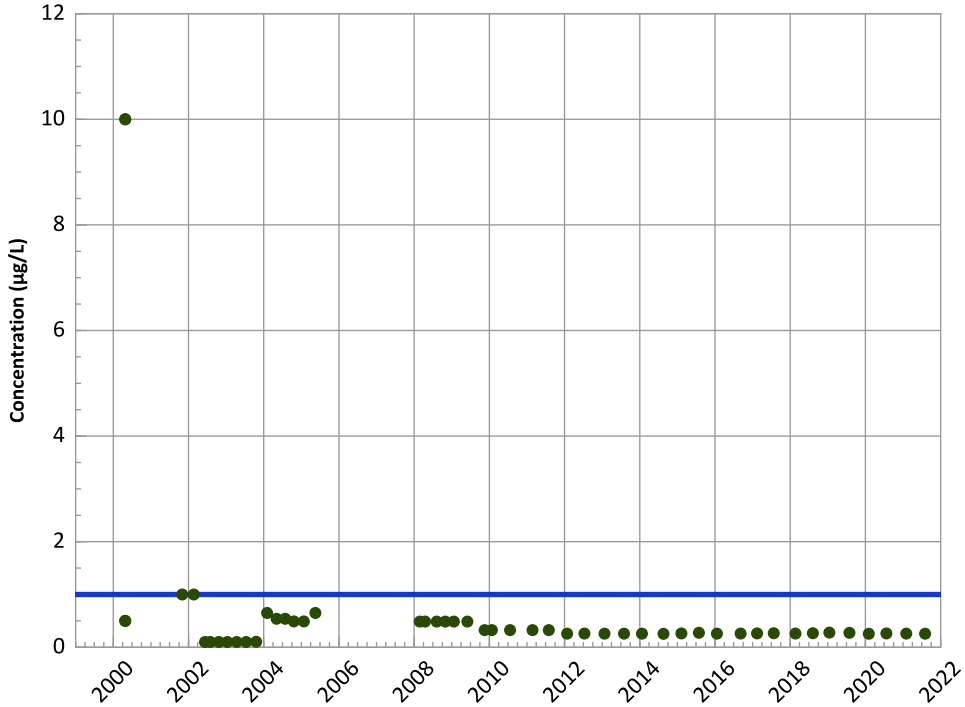
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

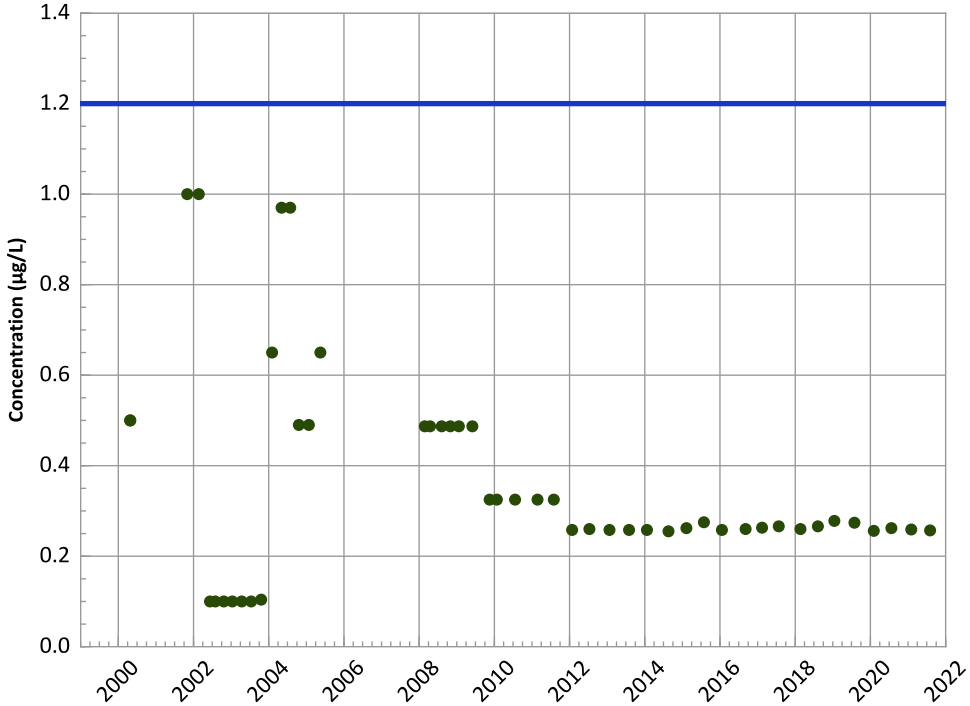


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

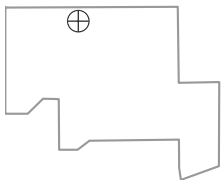


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

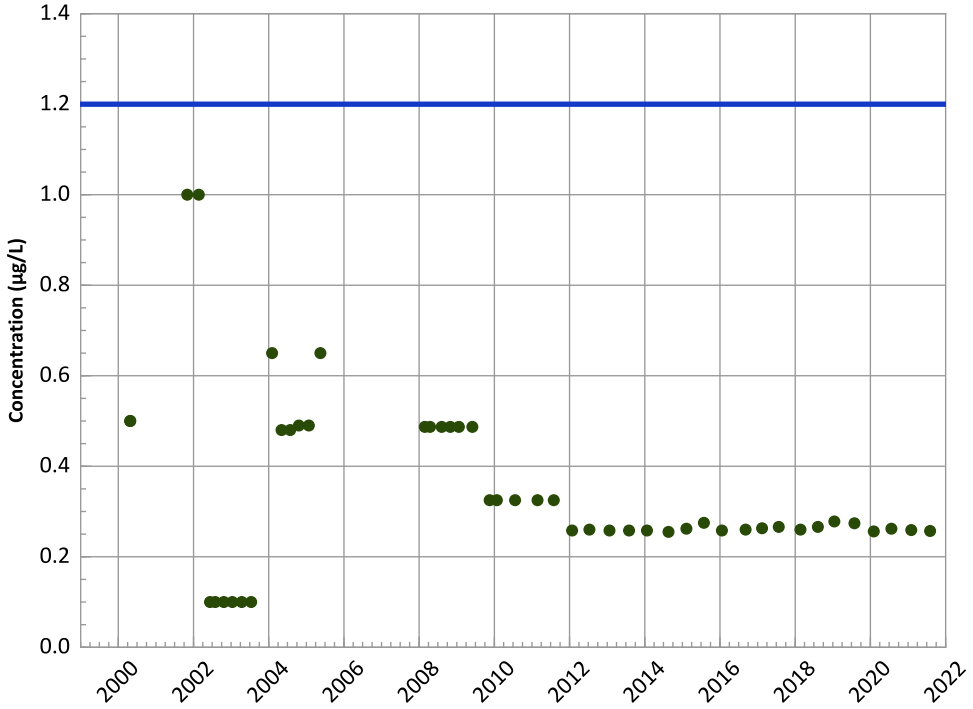


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

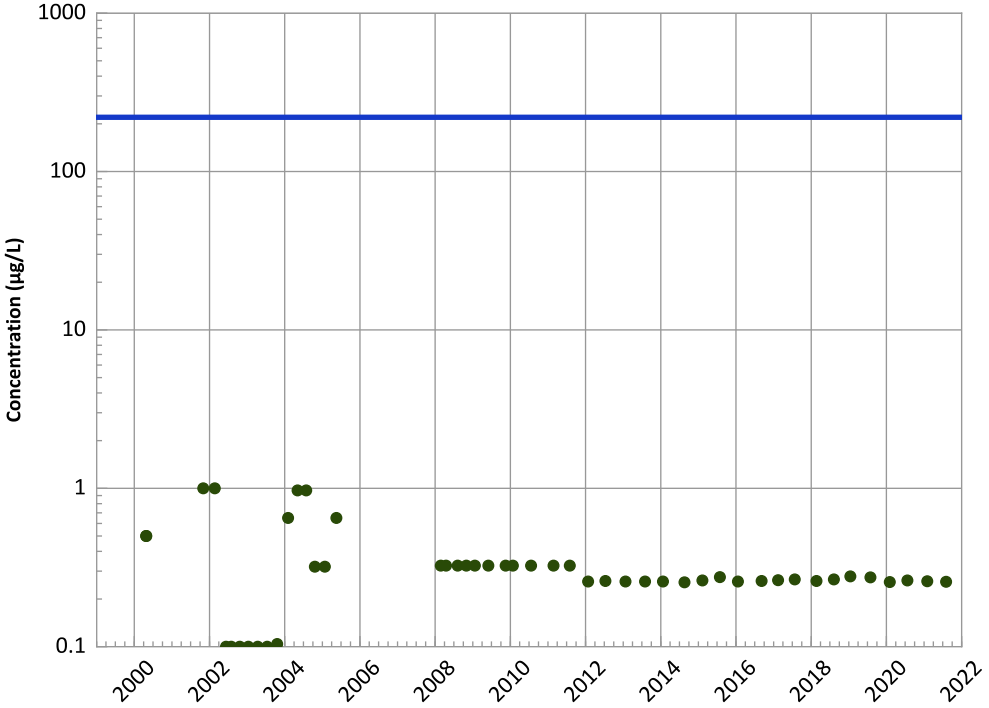


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

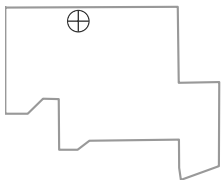
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

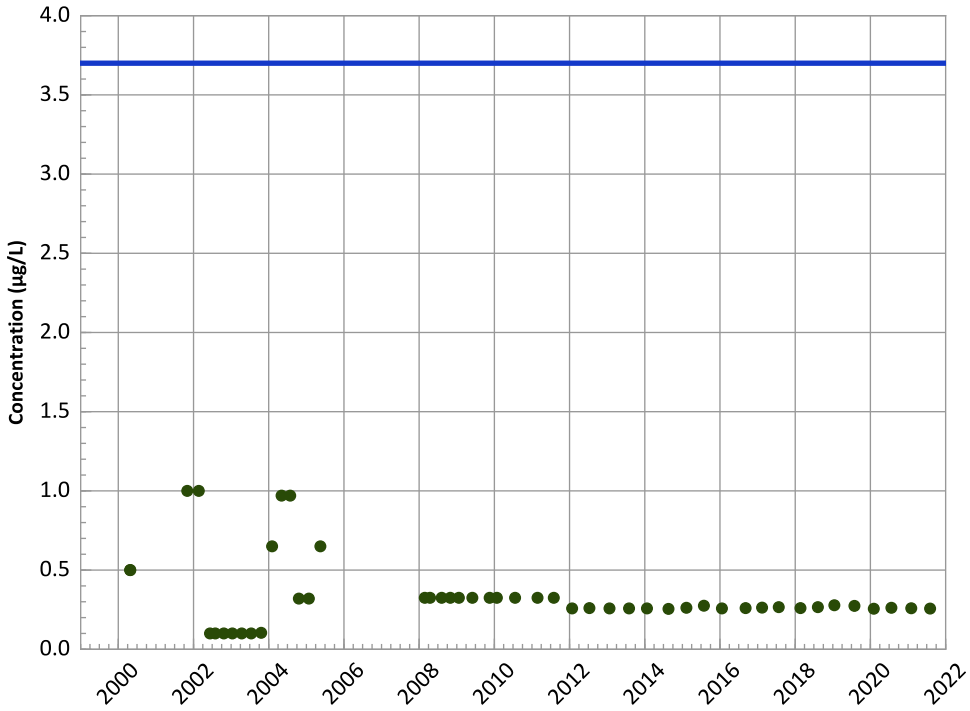
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

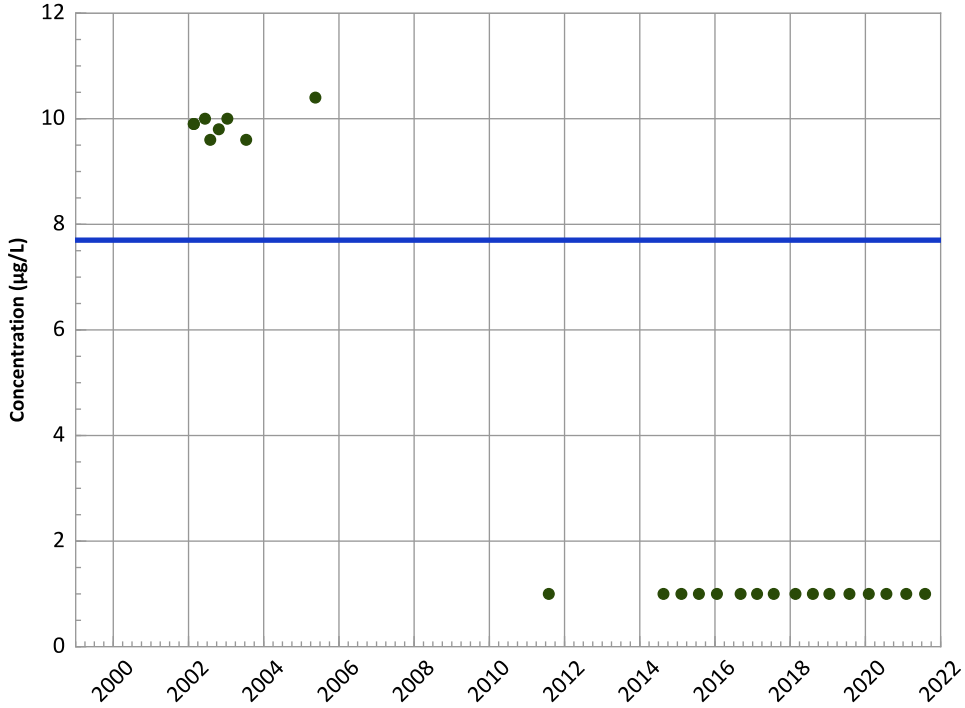


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

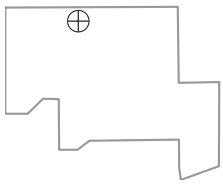
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

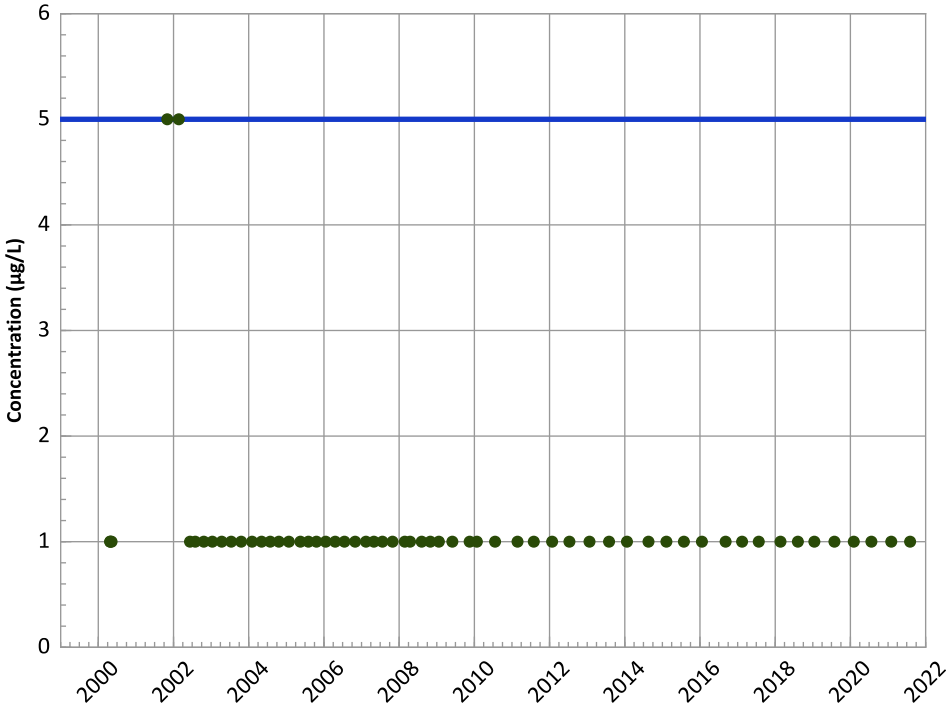
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

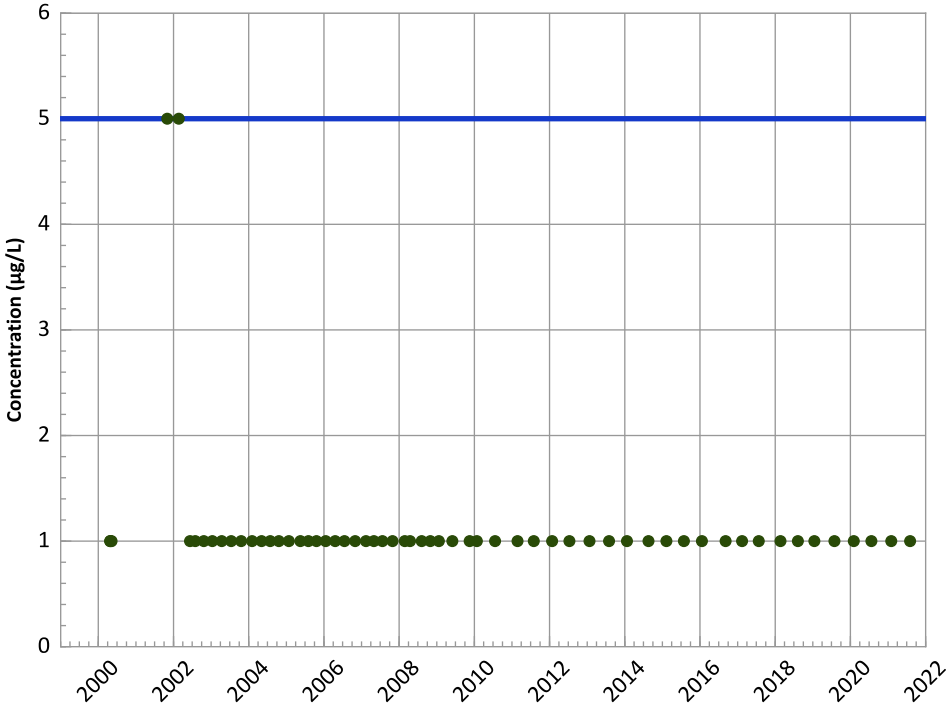


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

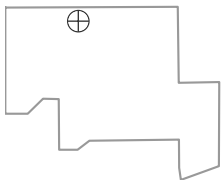


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

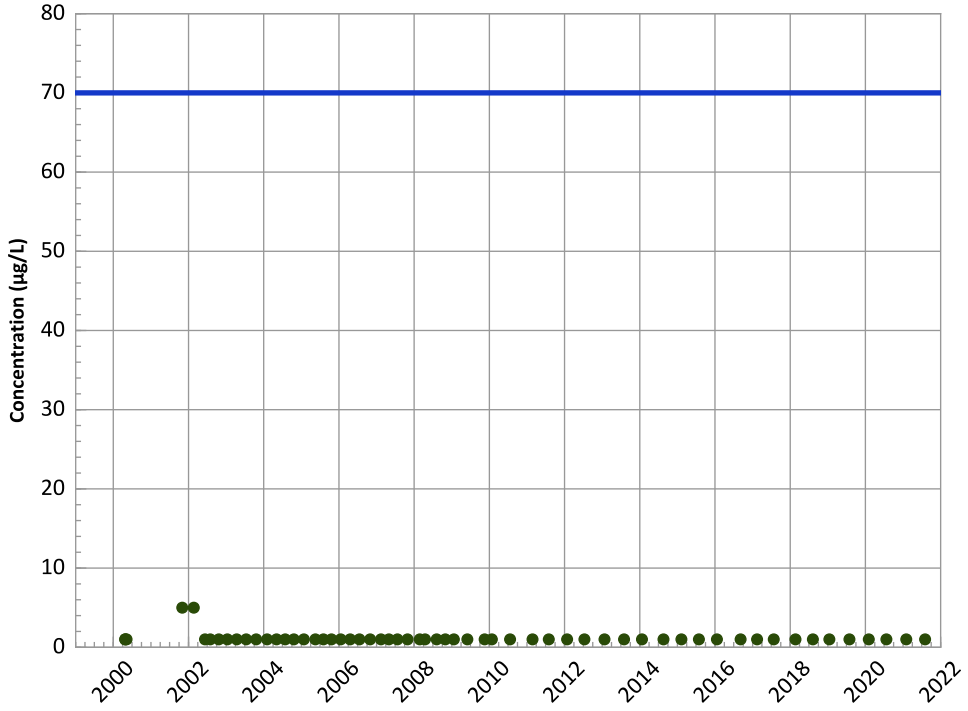


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

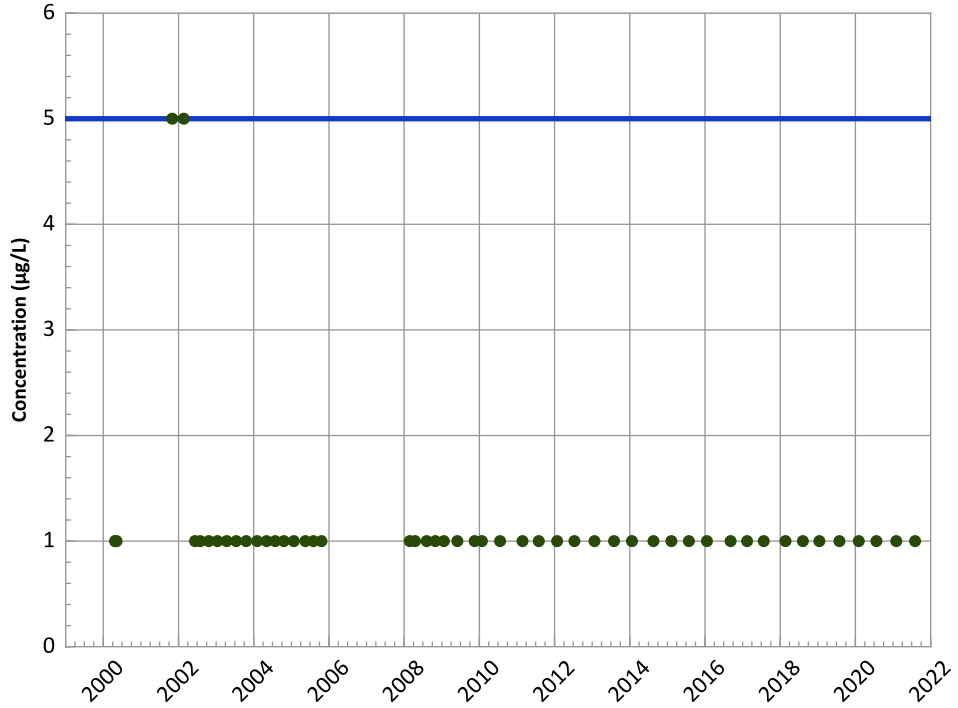


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

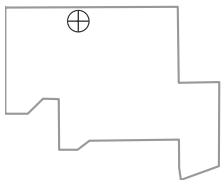


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

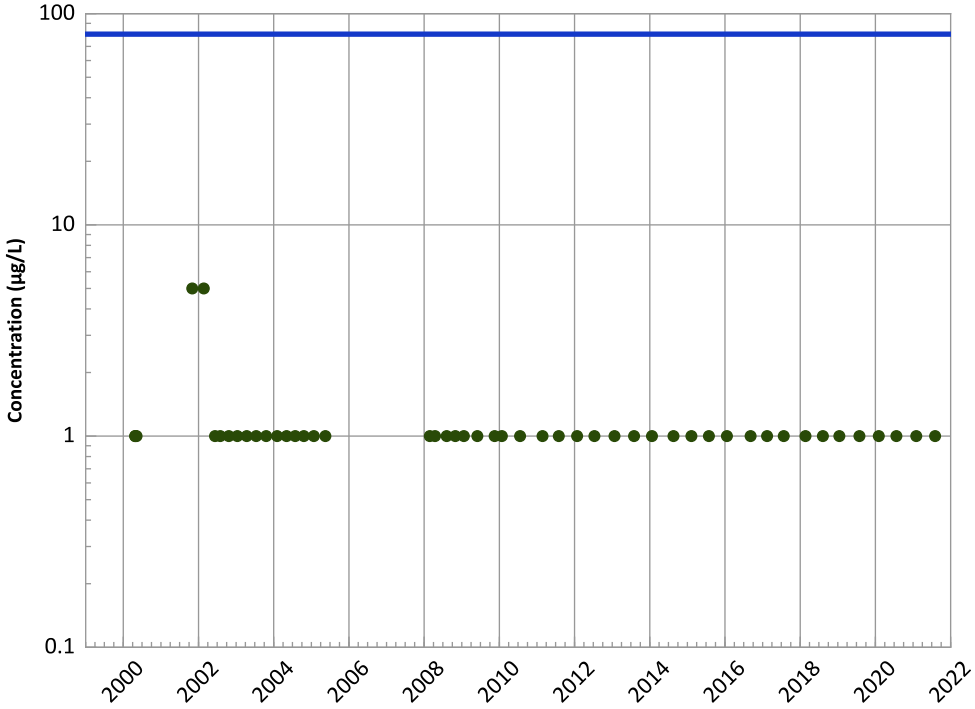


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

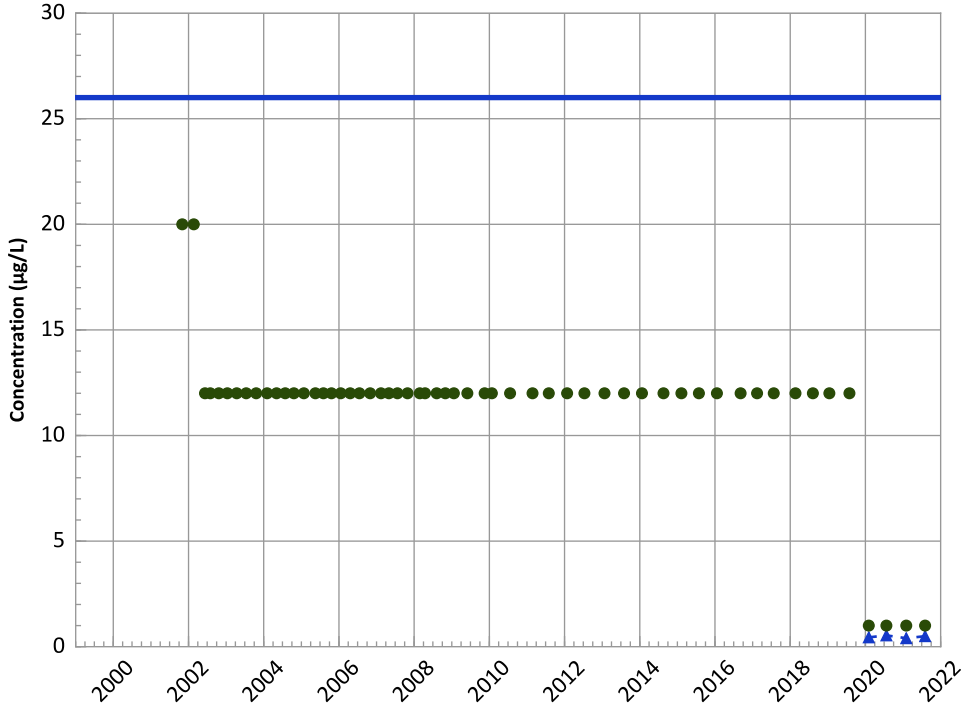


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

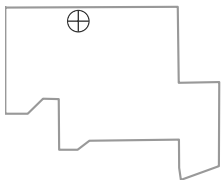
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

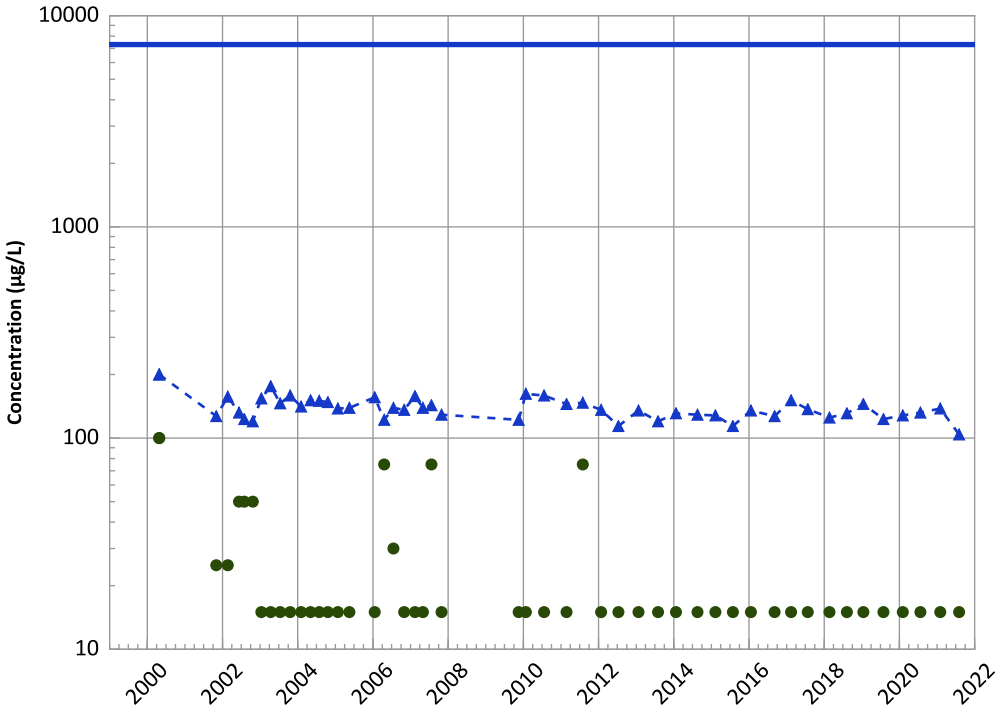
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

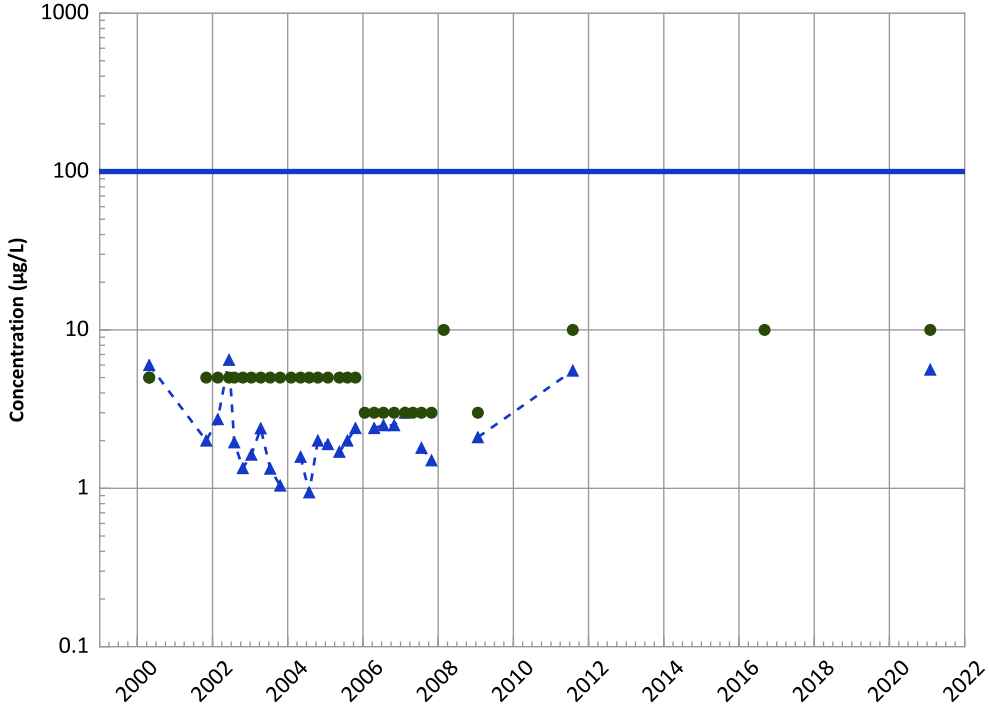


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chromium, Total Trend



Concentration Trend

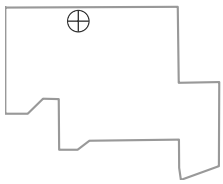
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

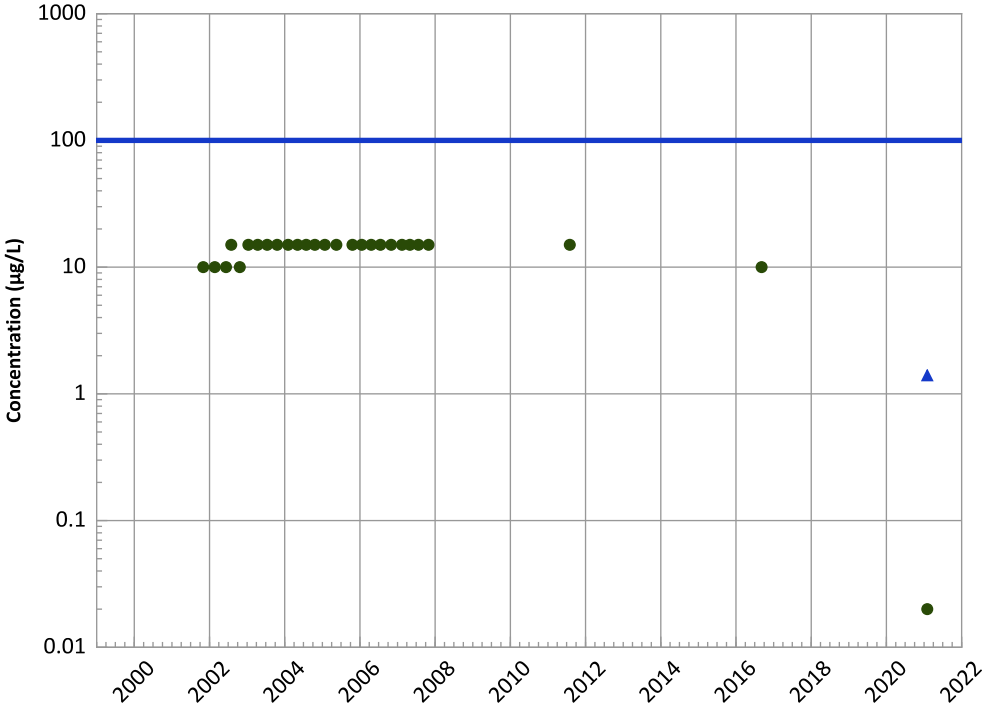
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

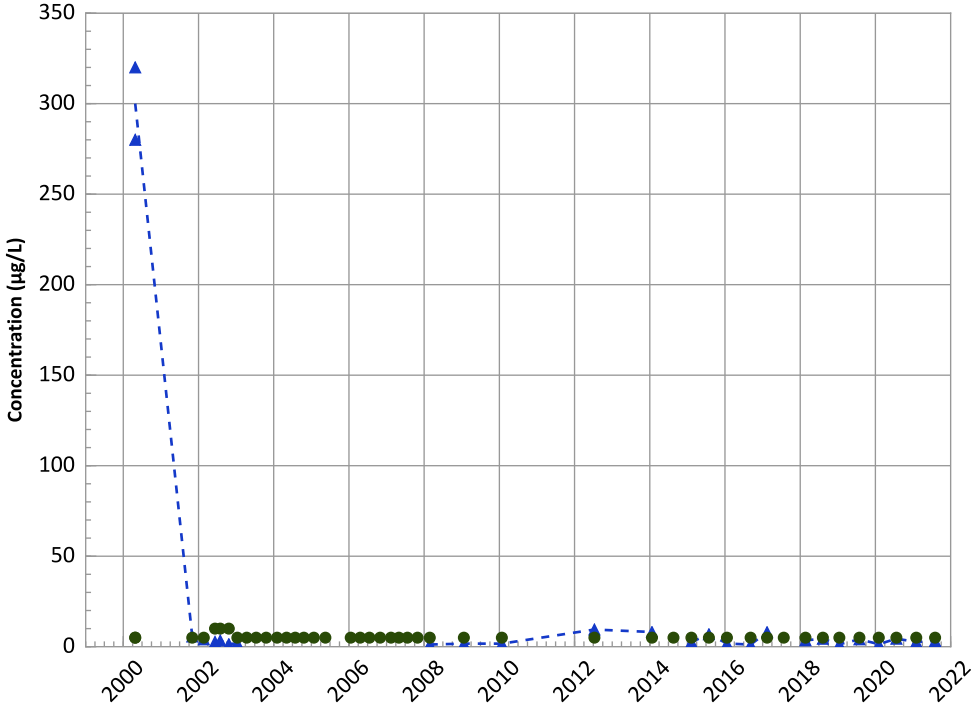


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

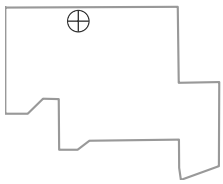
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

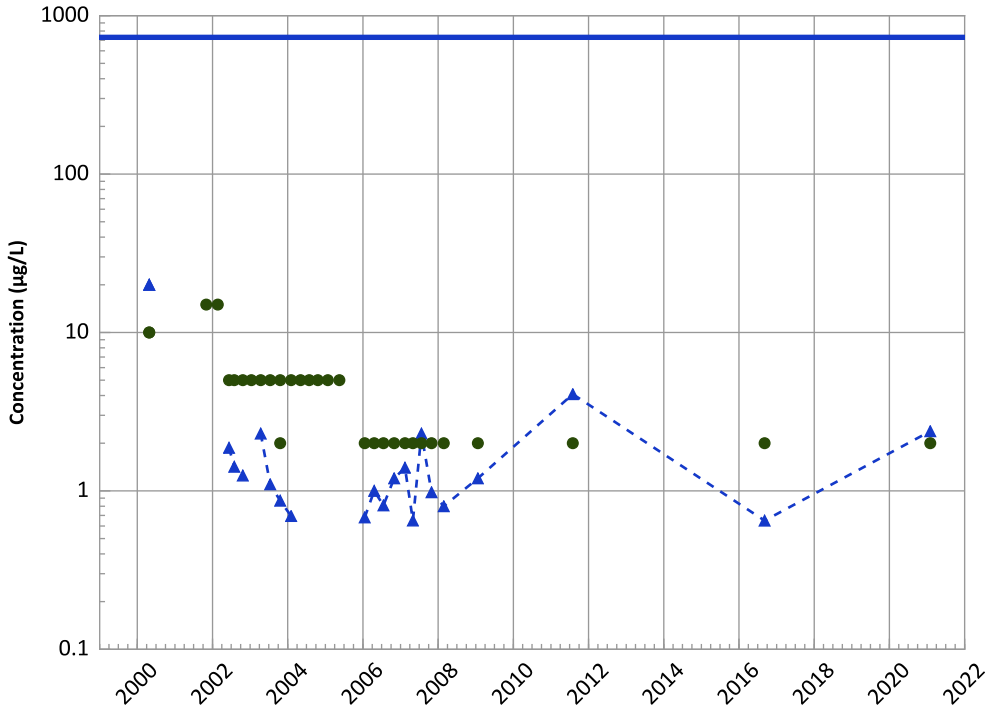
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

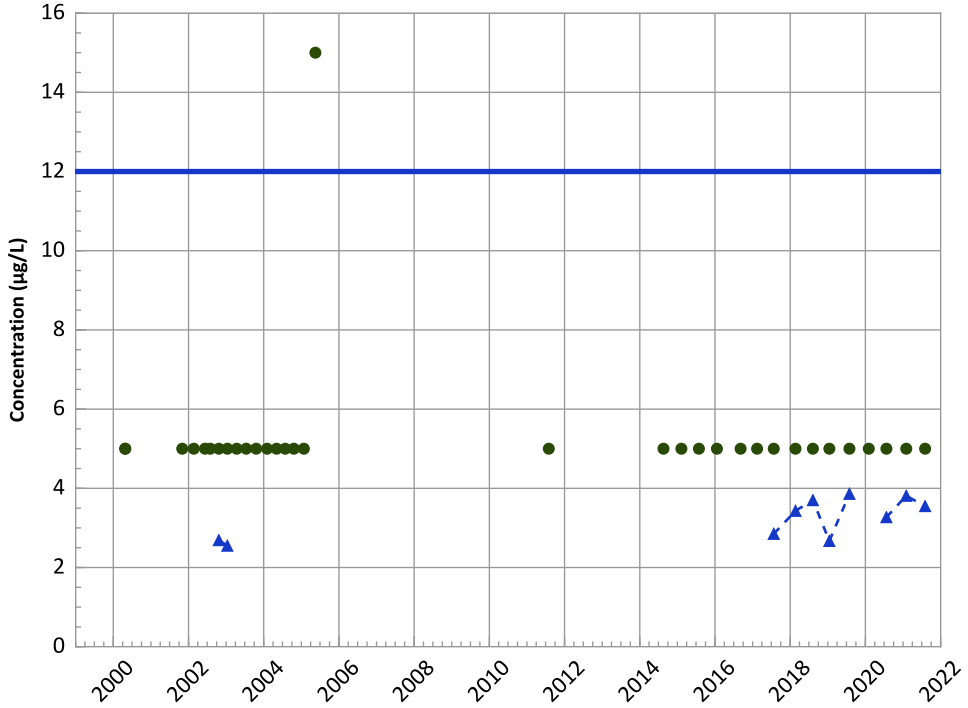


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Arsenic Trend



Concentration Trend

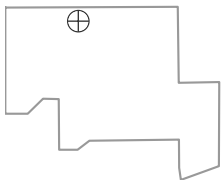
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

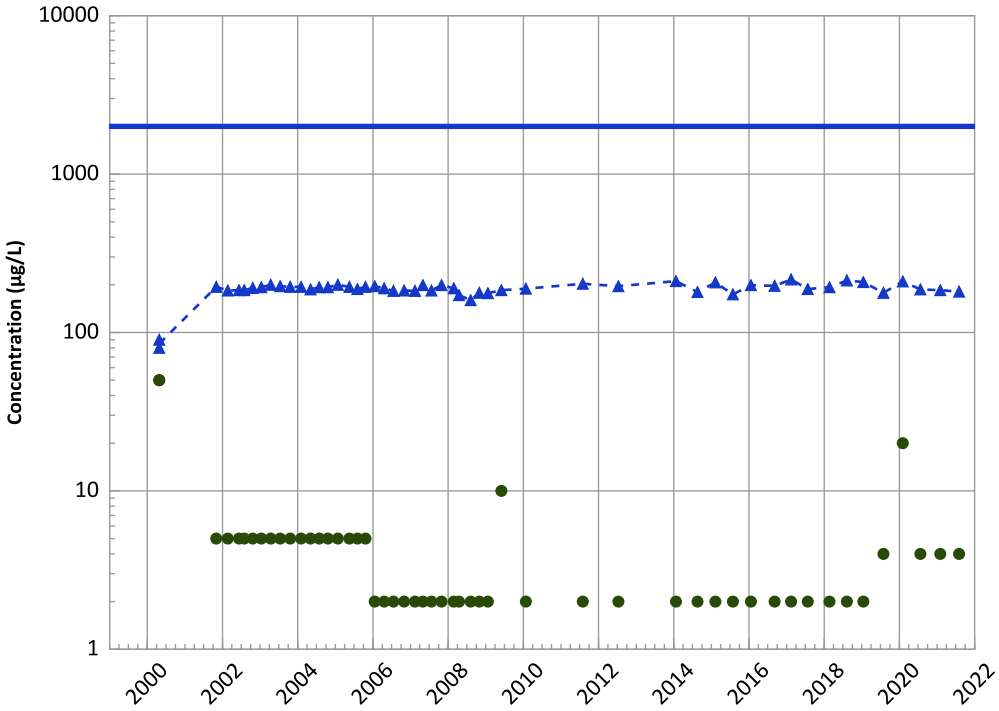
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1010 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

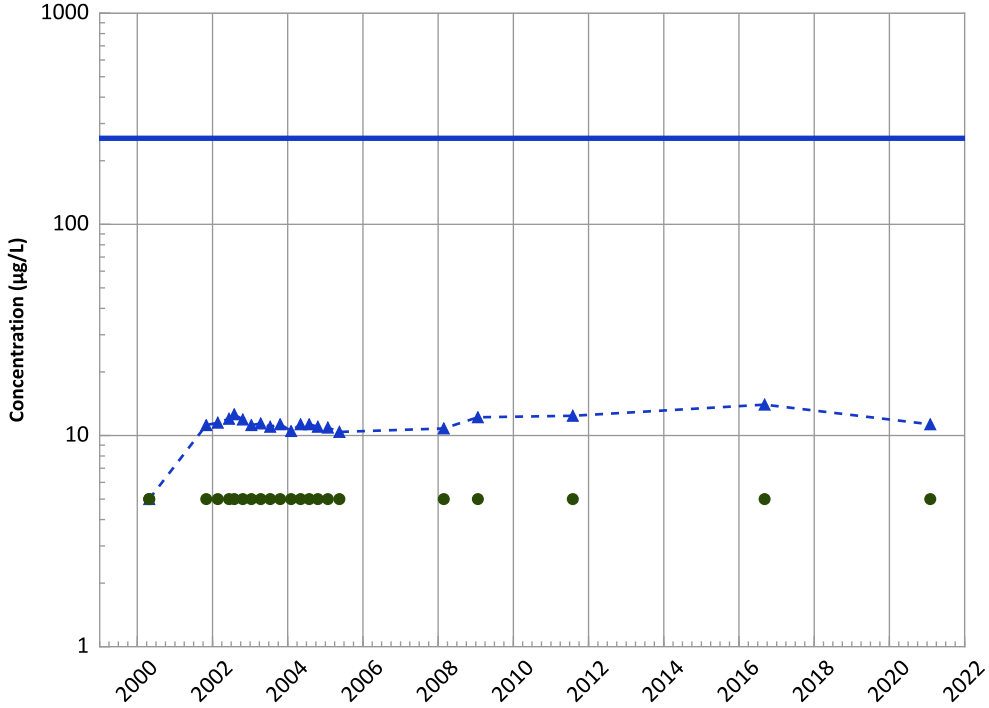


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Vanadium Trend



Concentration Trend

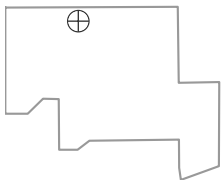
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

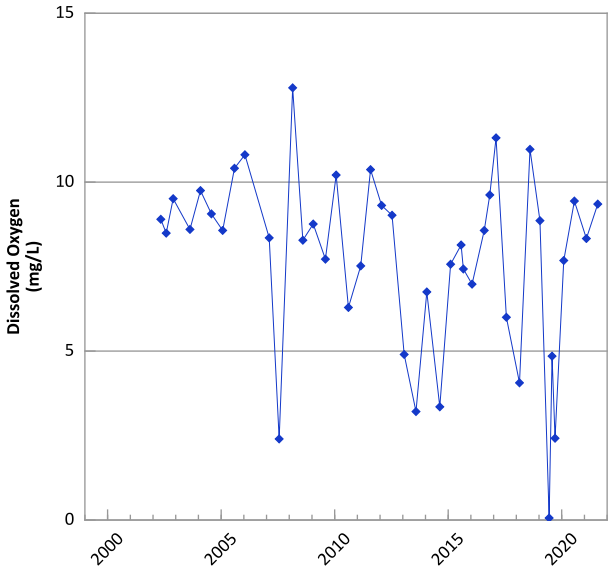
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/26/2000 to 08/03/2021
Analysis Date: 04/29/2022

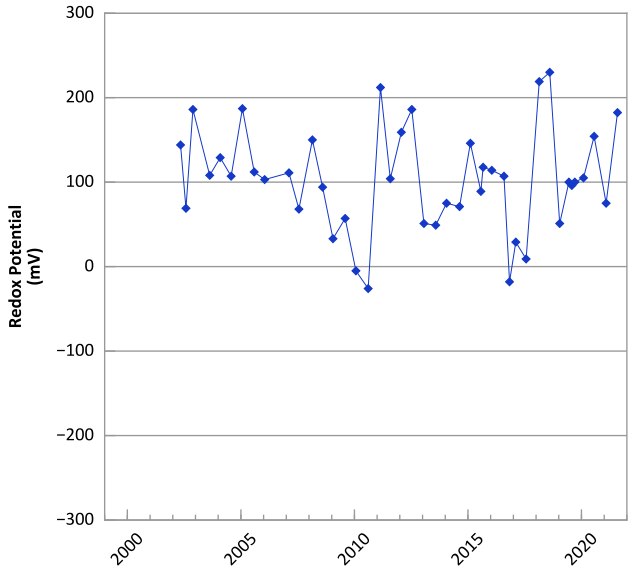
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

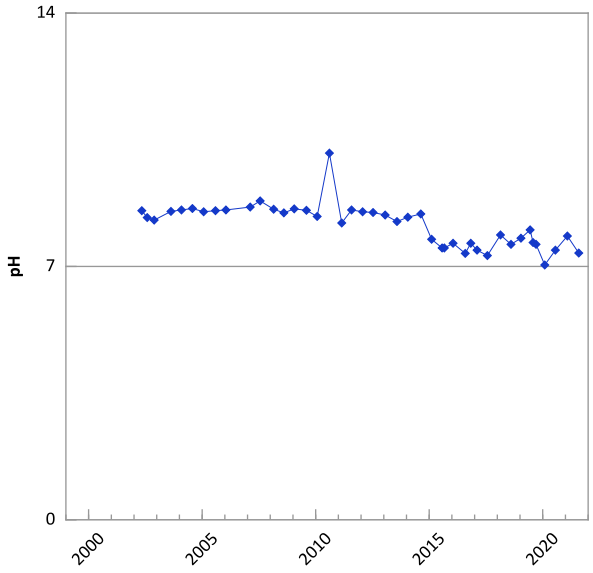
Well Location

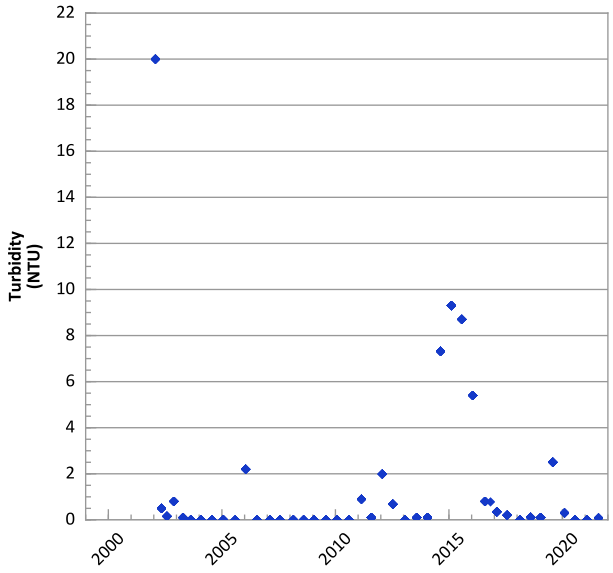


PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



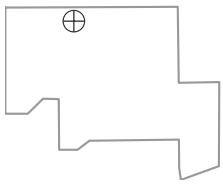






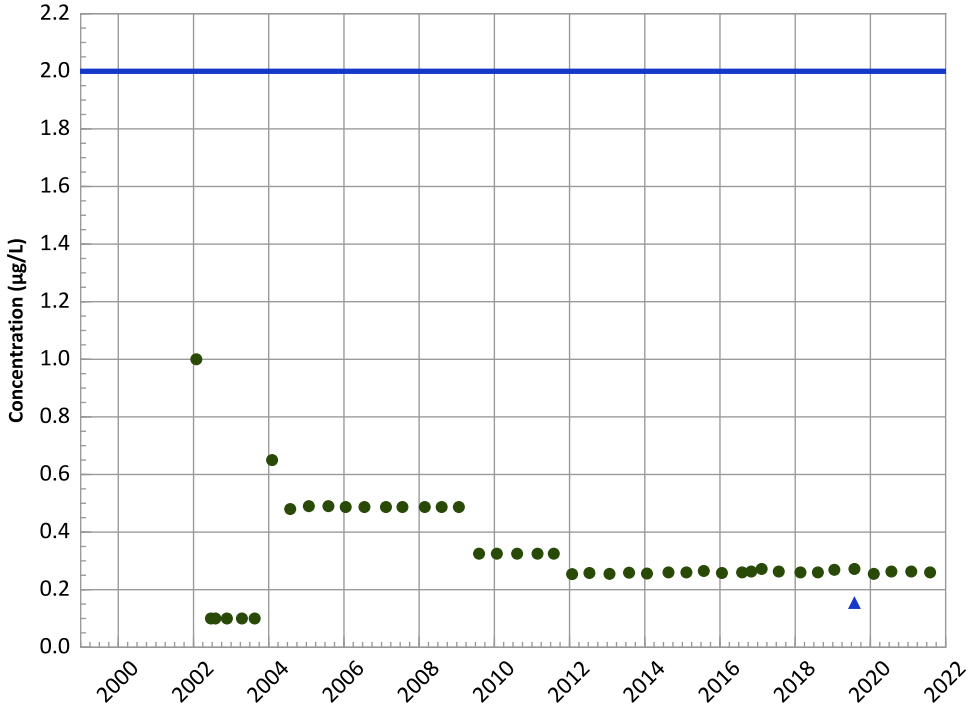
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

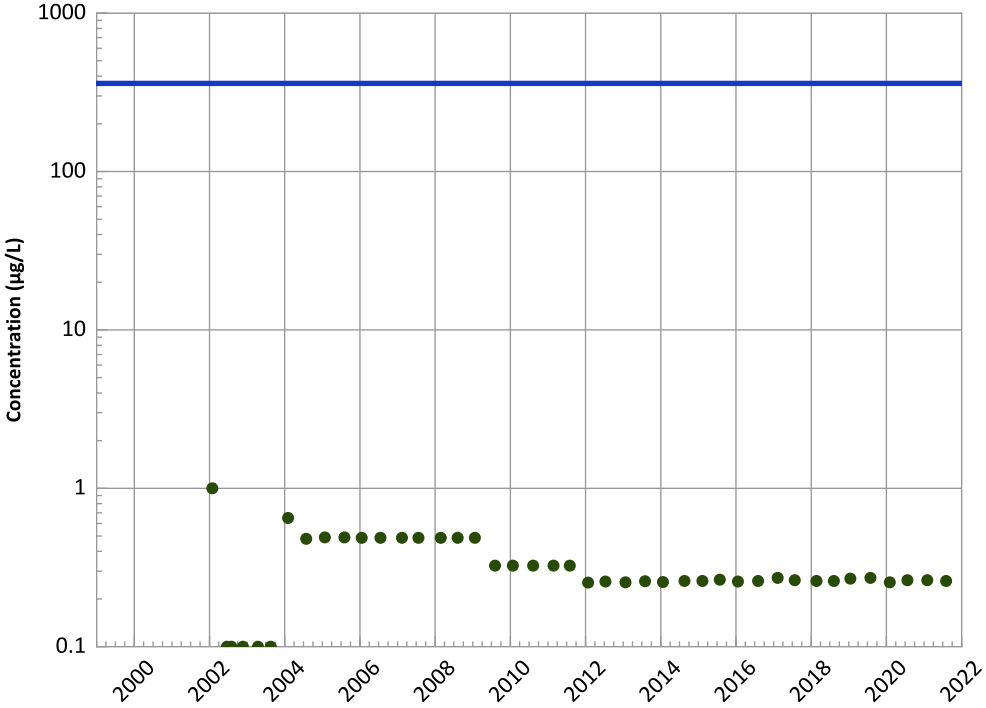


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

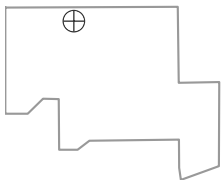
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

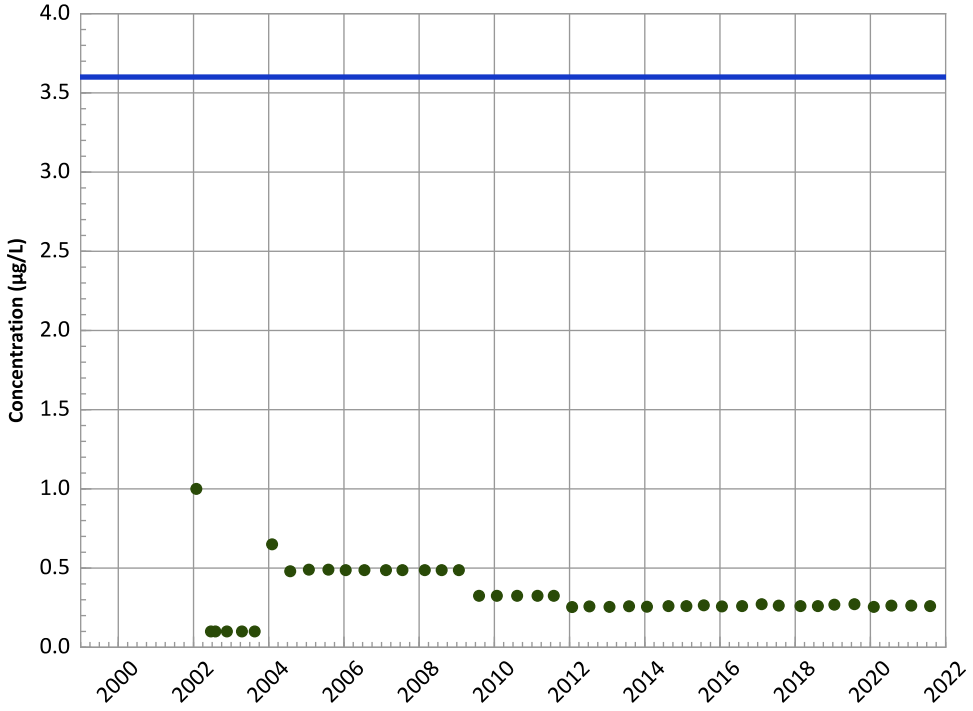
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

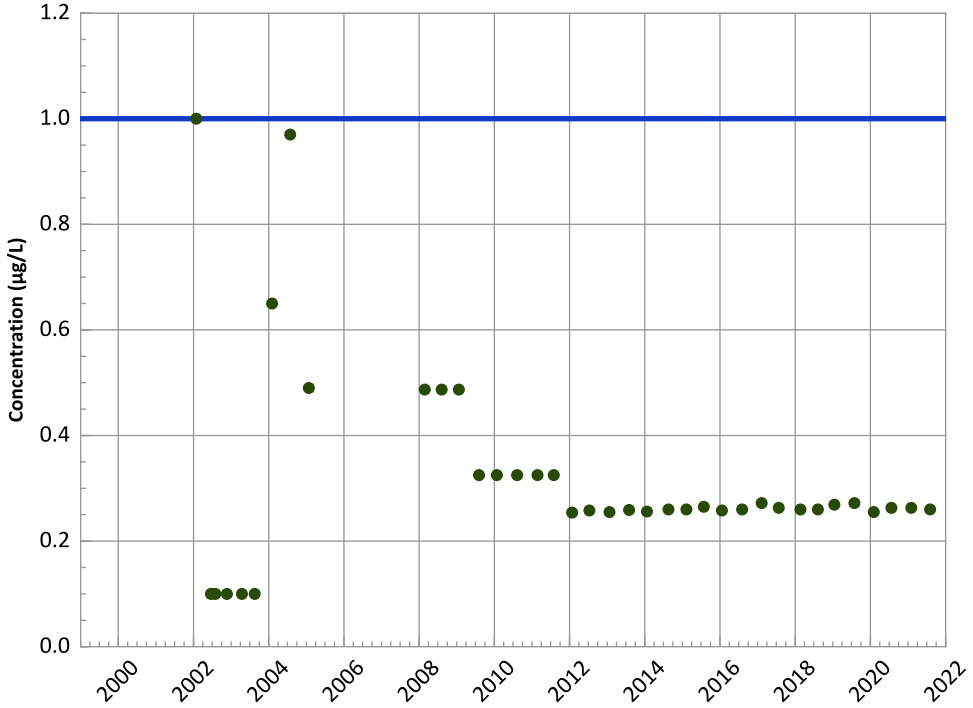


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

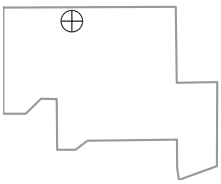
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

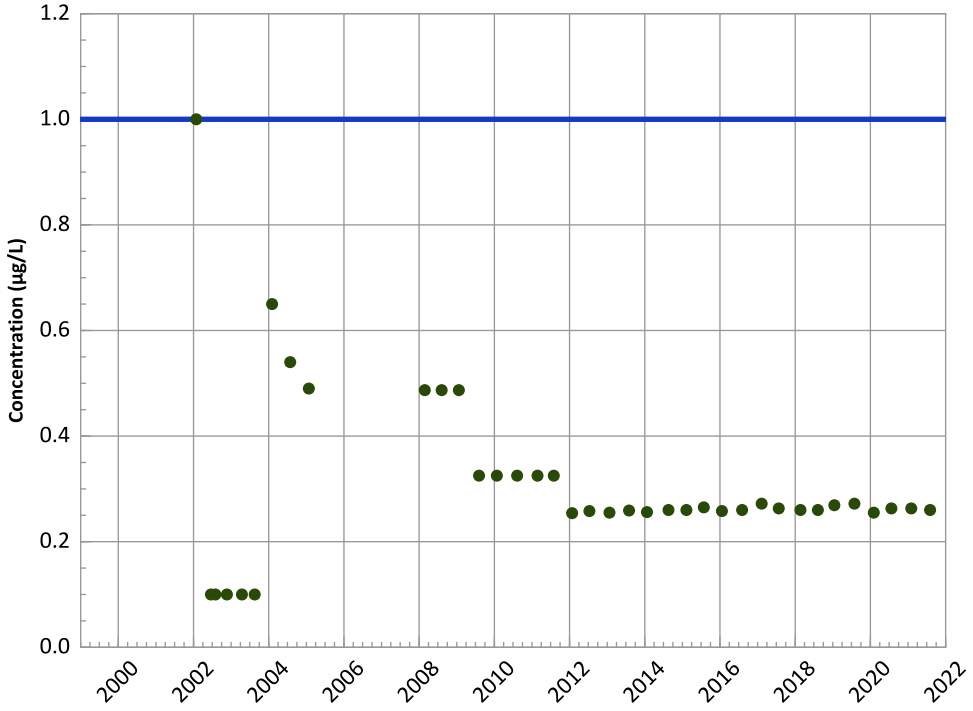
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

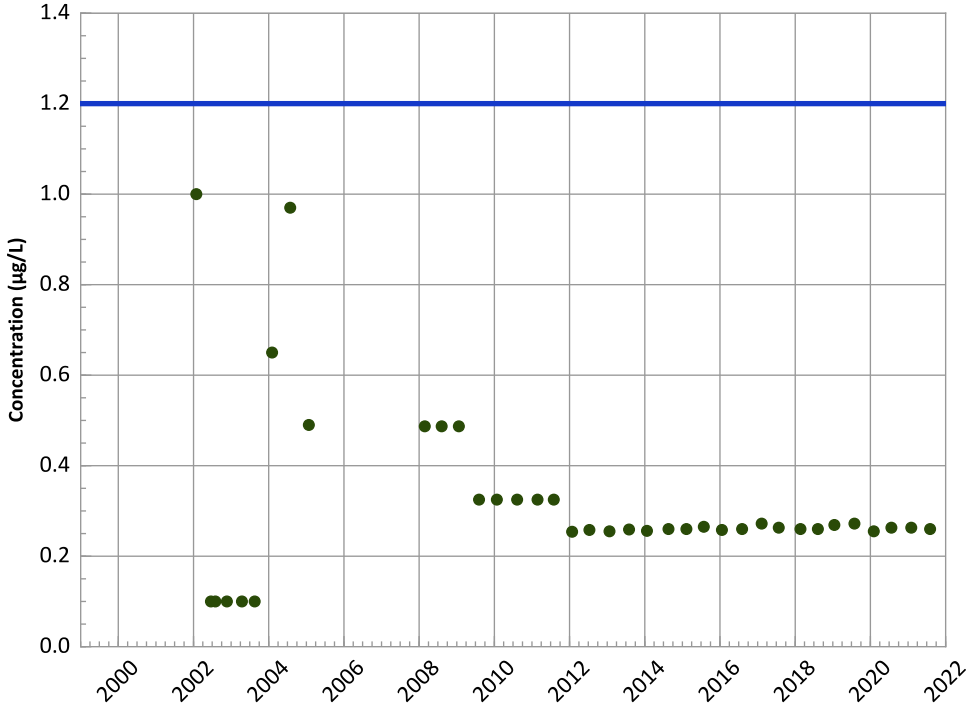


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

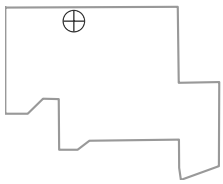


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

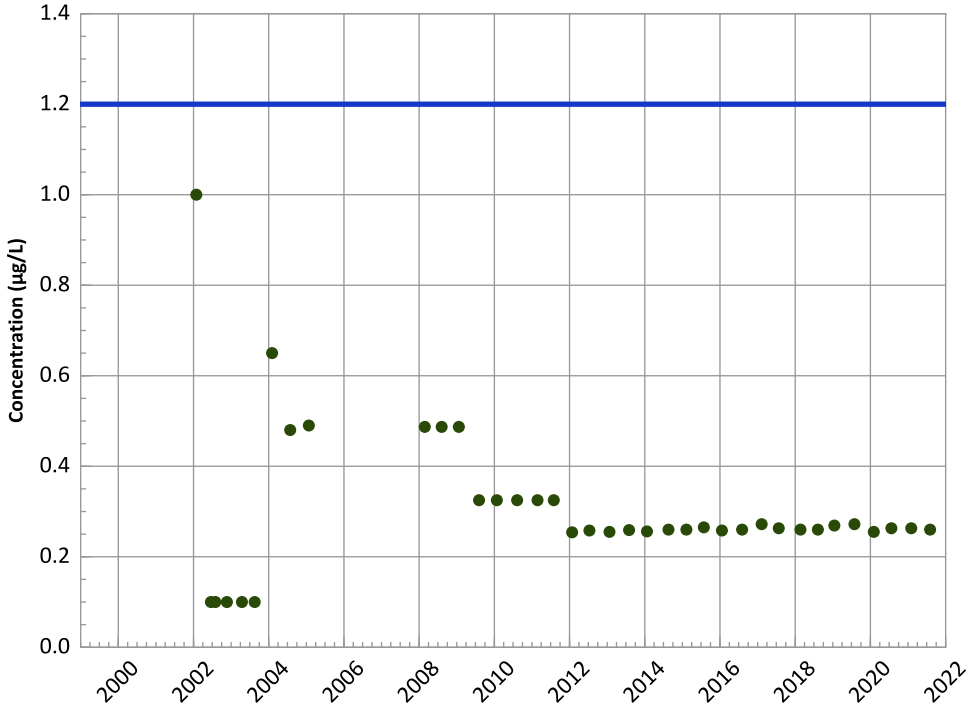


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

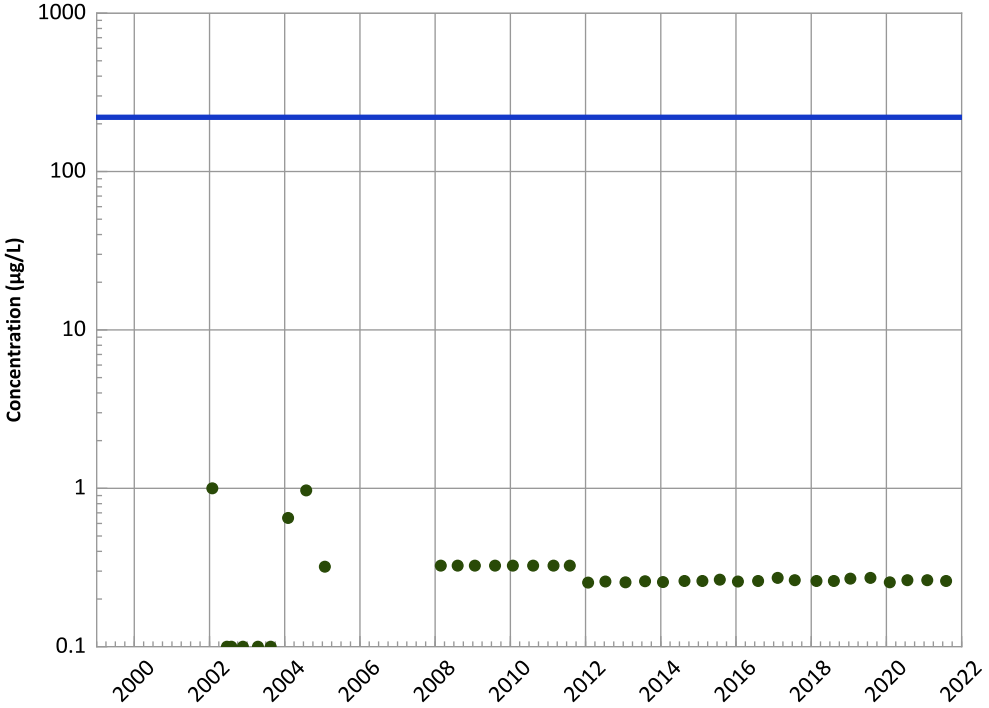


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

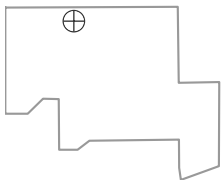
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

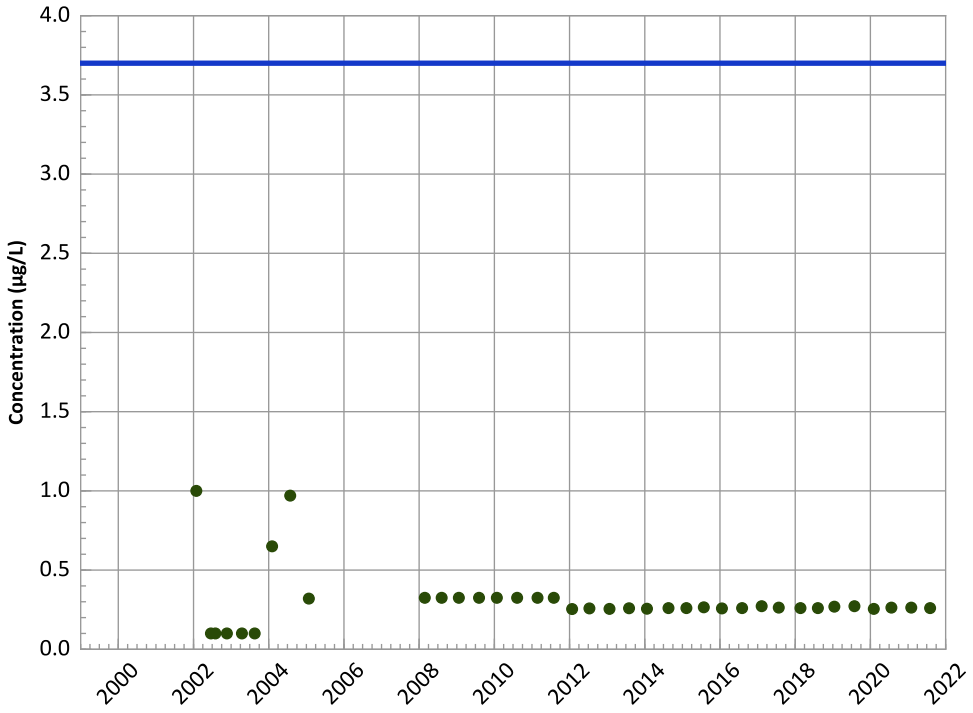
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

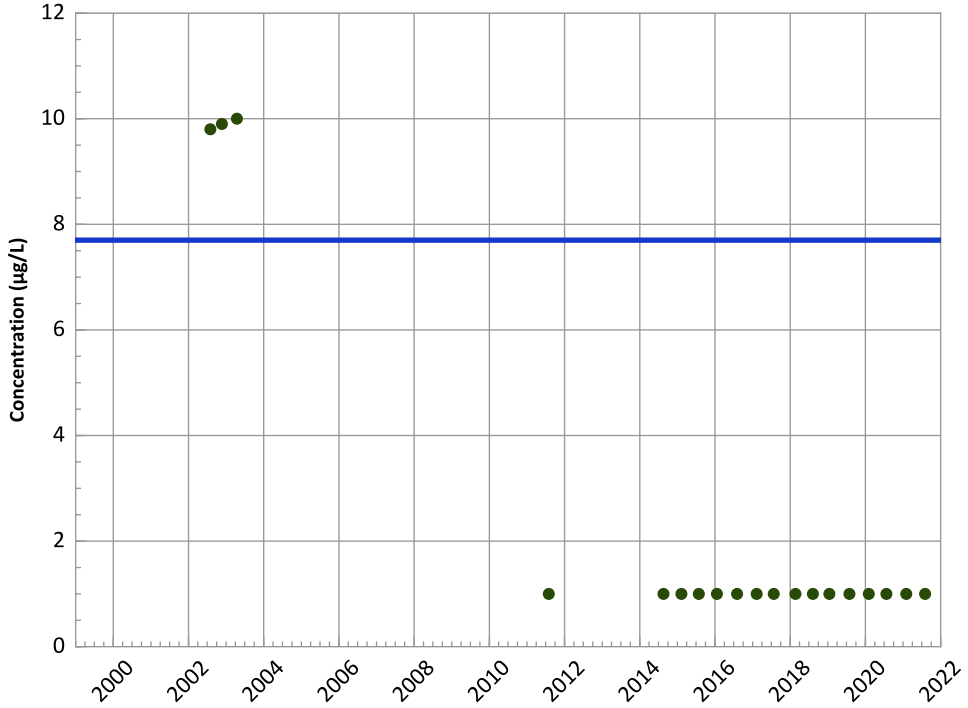


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

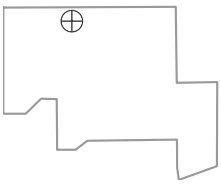


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

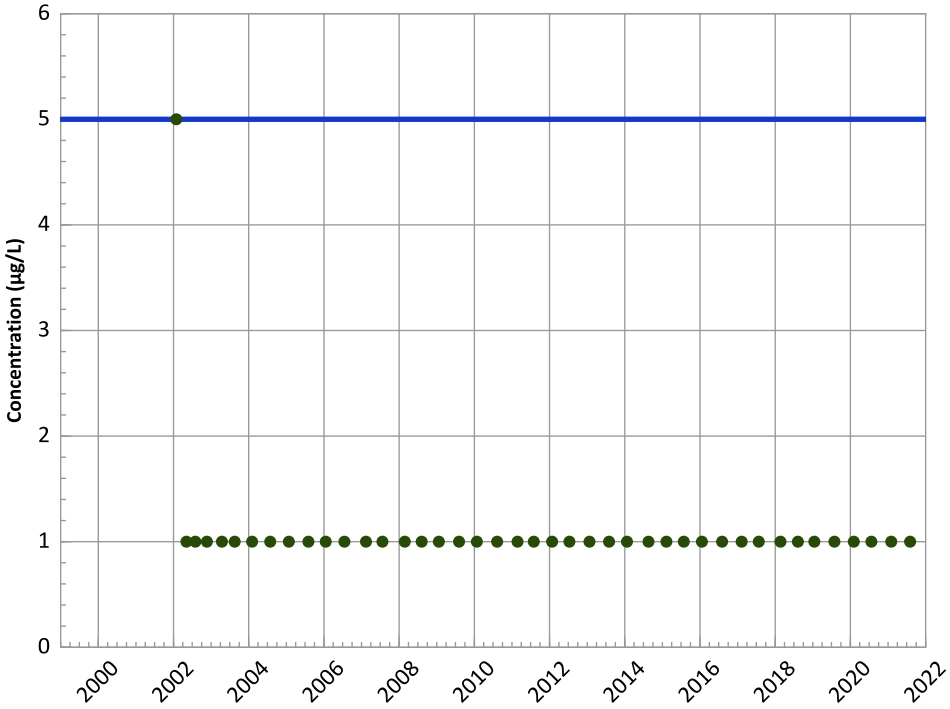


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

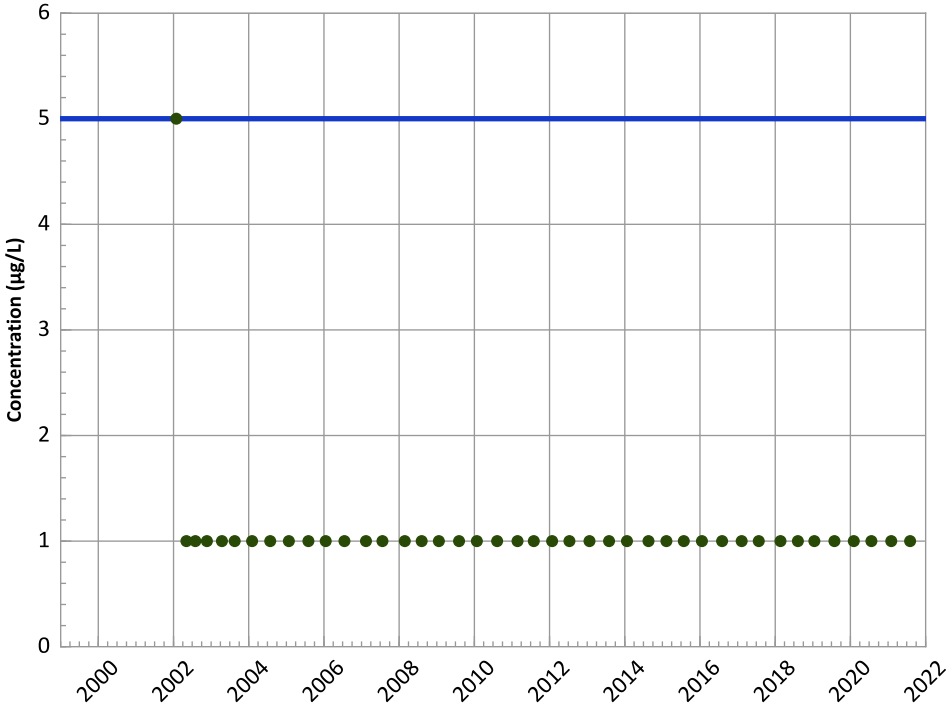


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

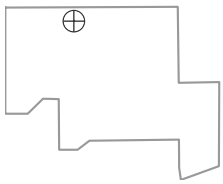


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

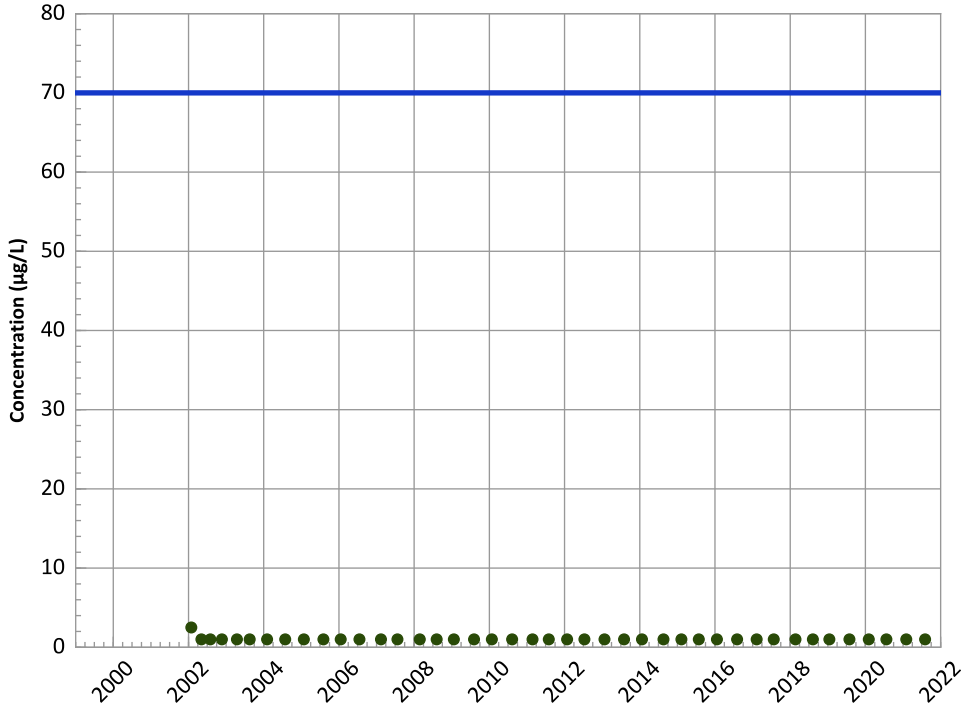


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ——— Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

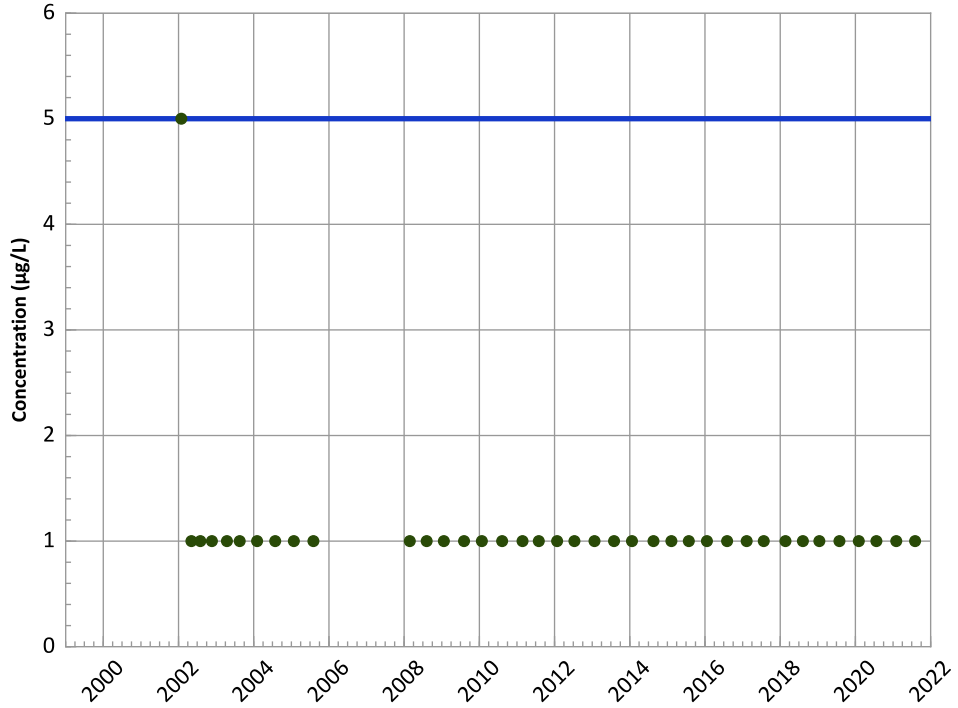


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

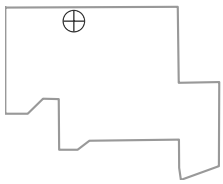


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

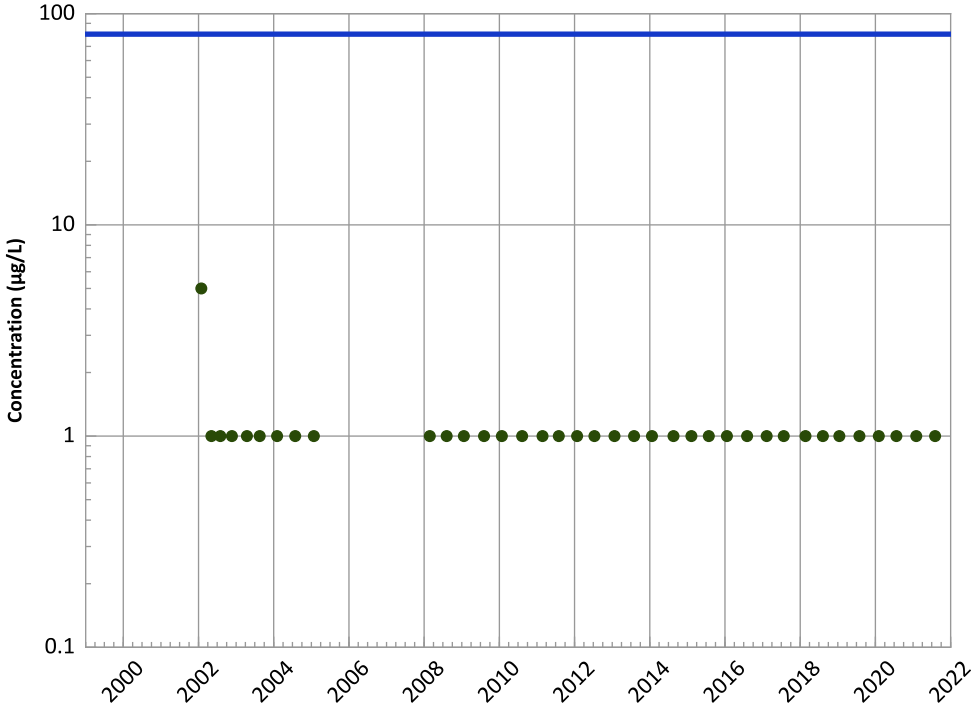


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

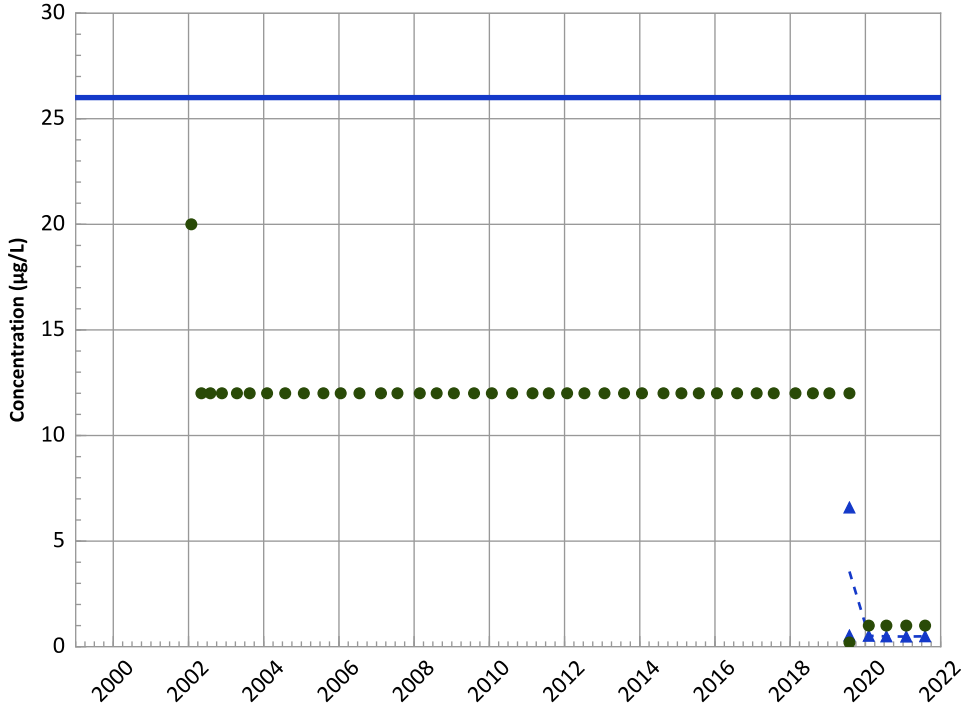


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend

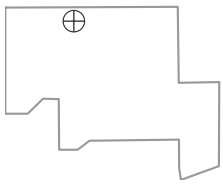


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

Well Location

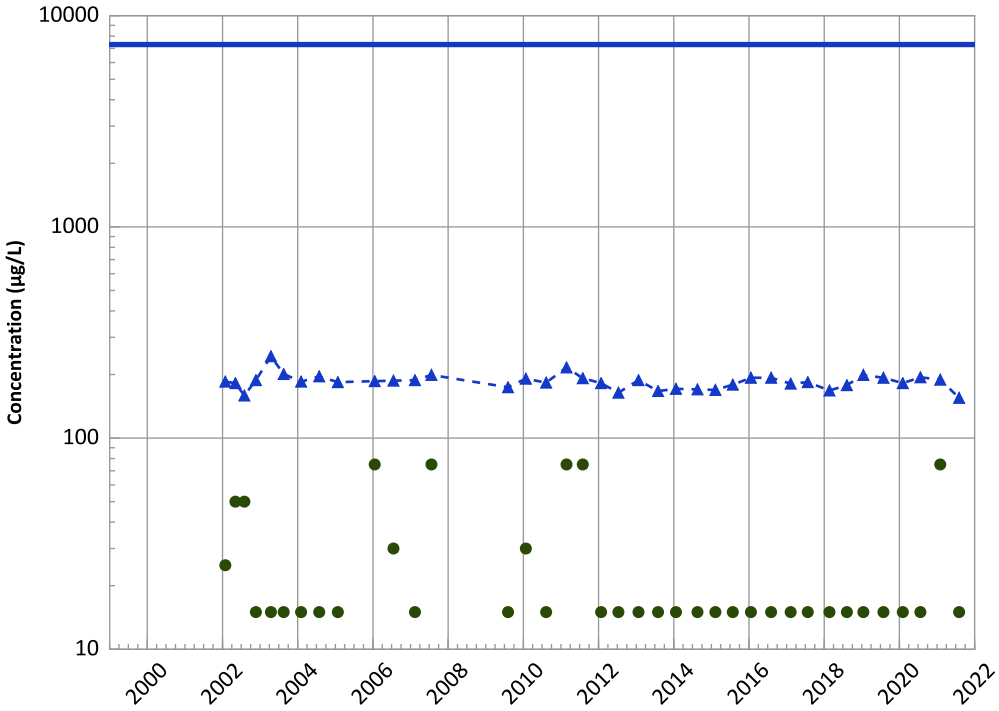


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

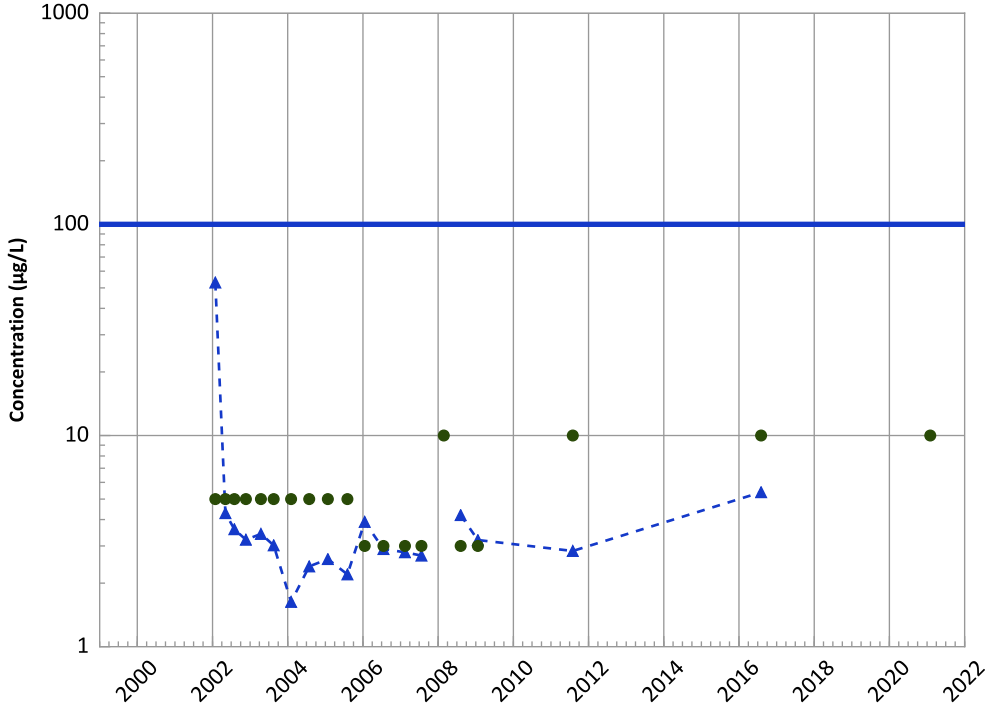


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chromium, Total Trend



Concentration Trend

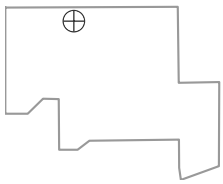
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

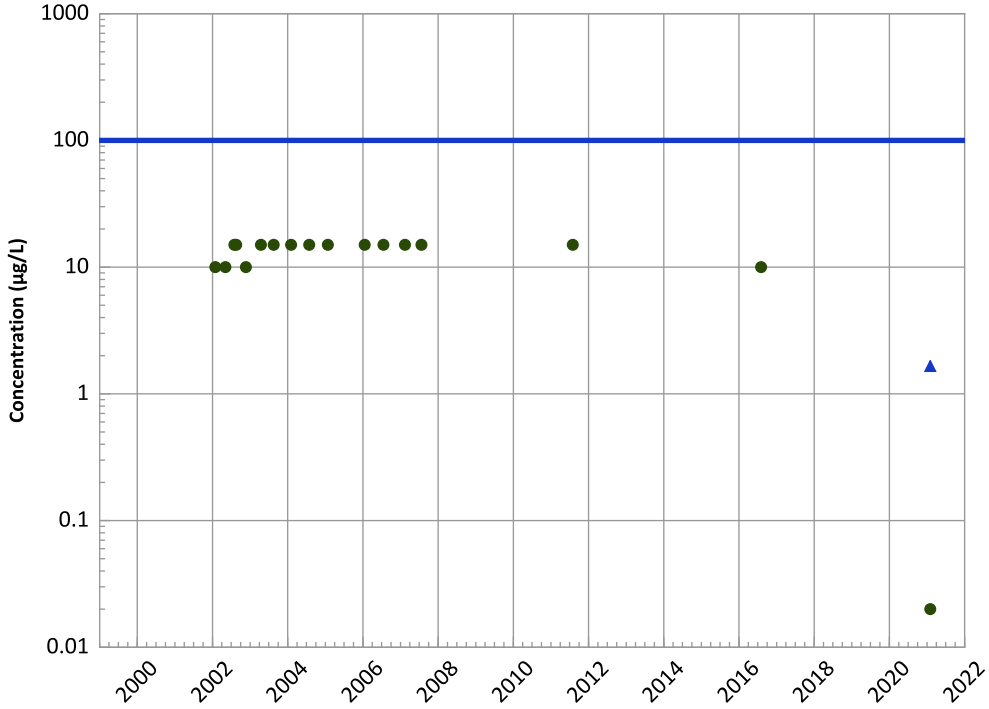
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

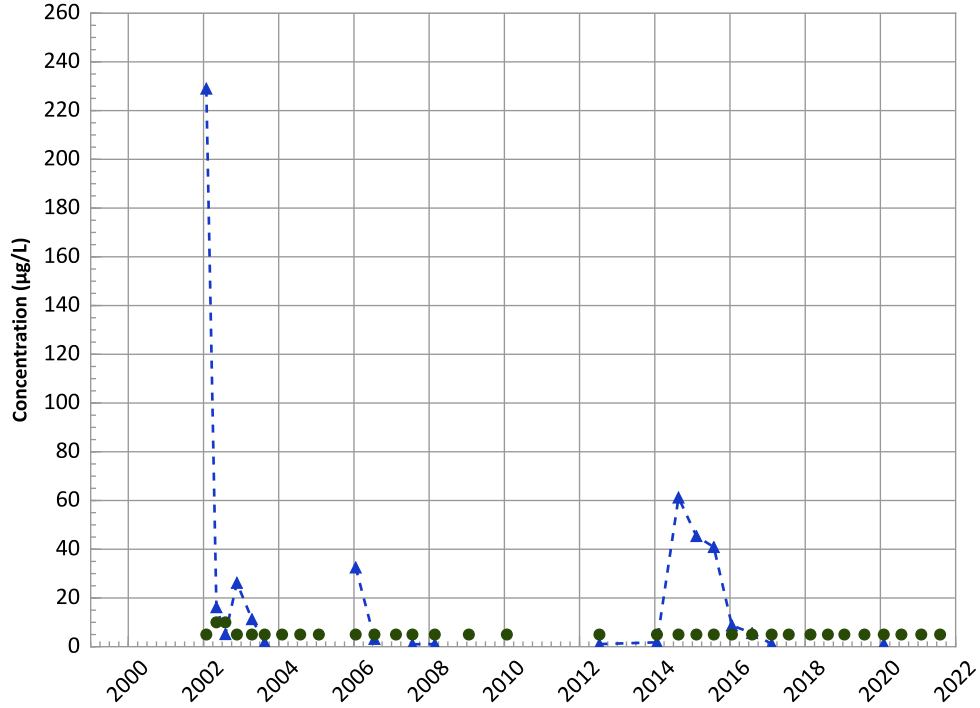


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

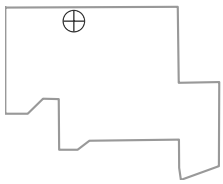
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

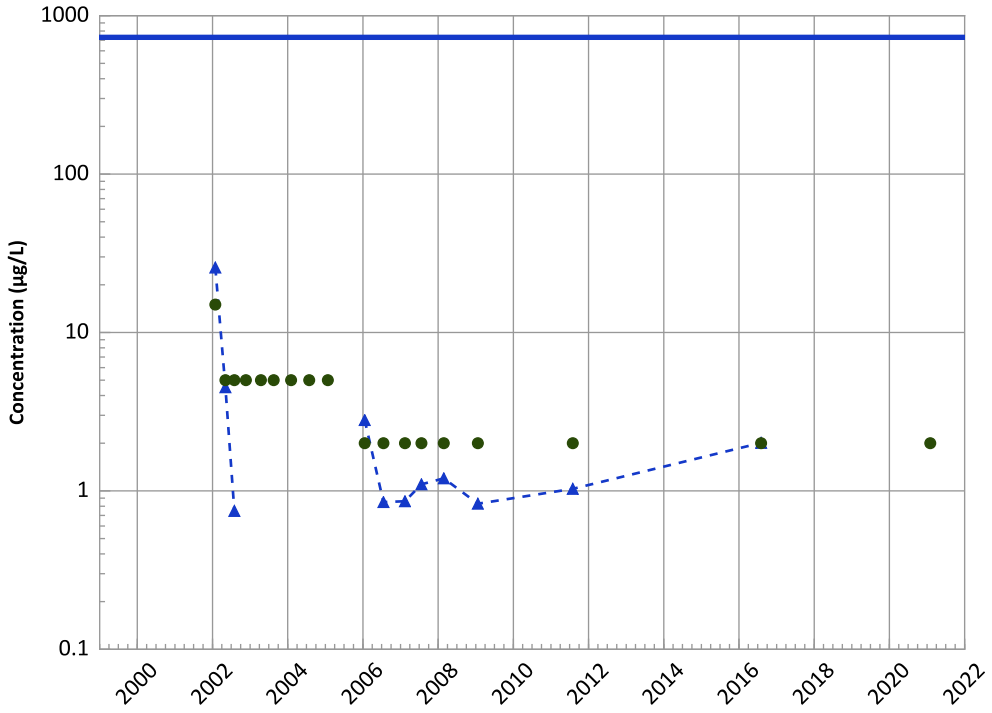
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

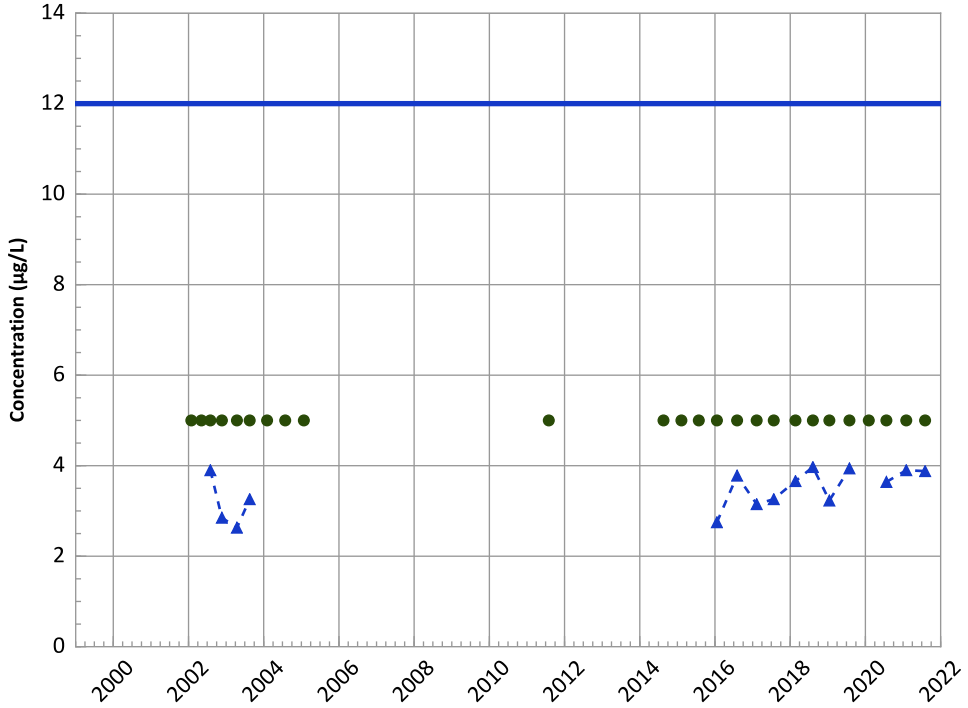


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Arsenic Trend



Concentration Trend

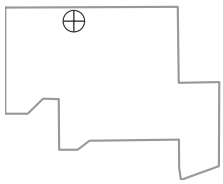
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

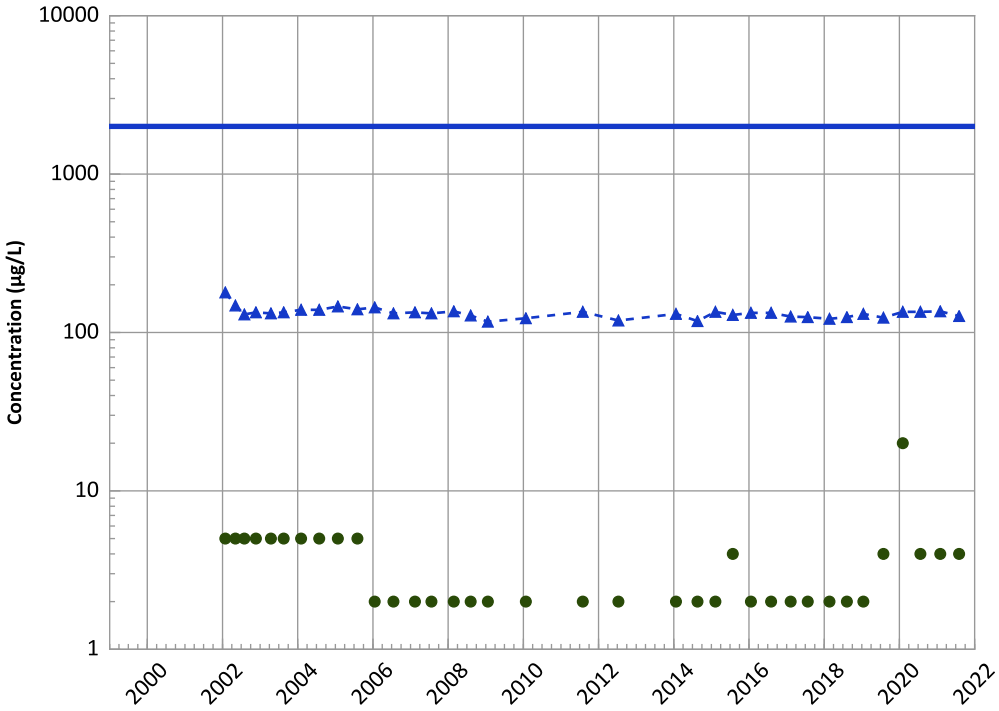
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1011 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

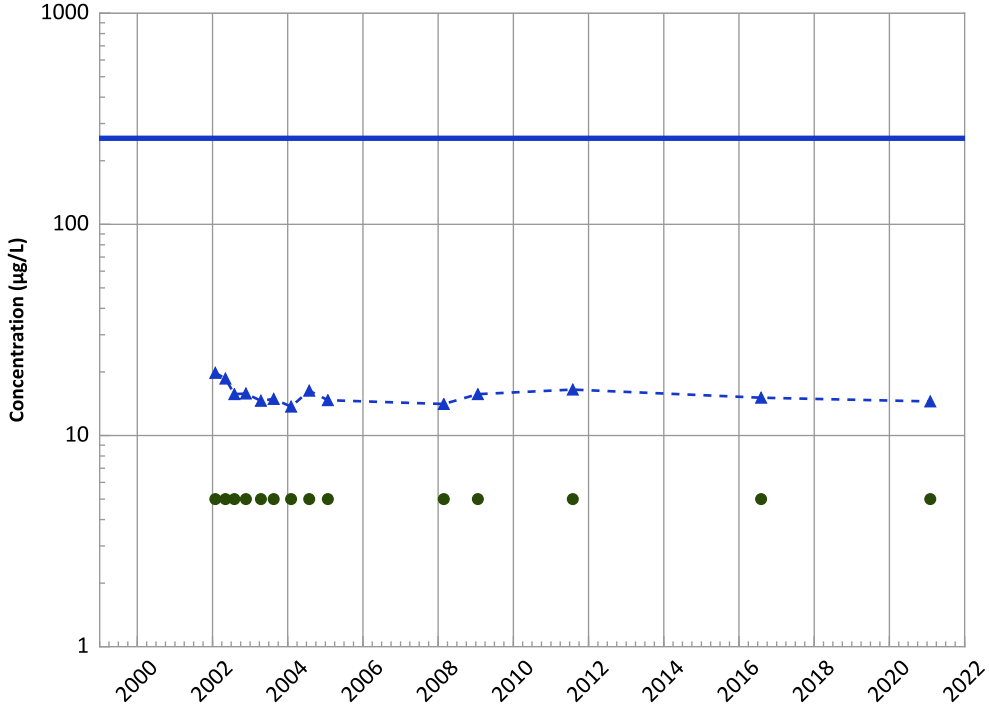


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

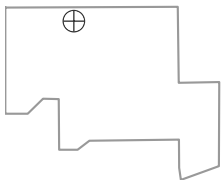
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

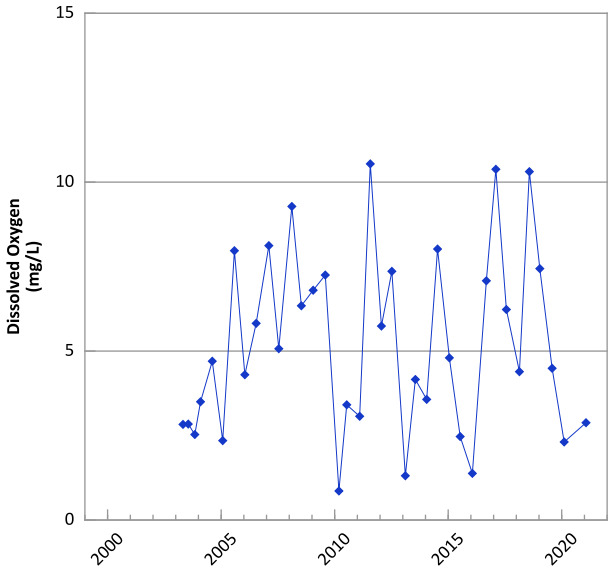
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 01/28/2002 to 08/03/2021
Analysis Date: 04/29/2022

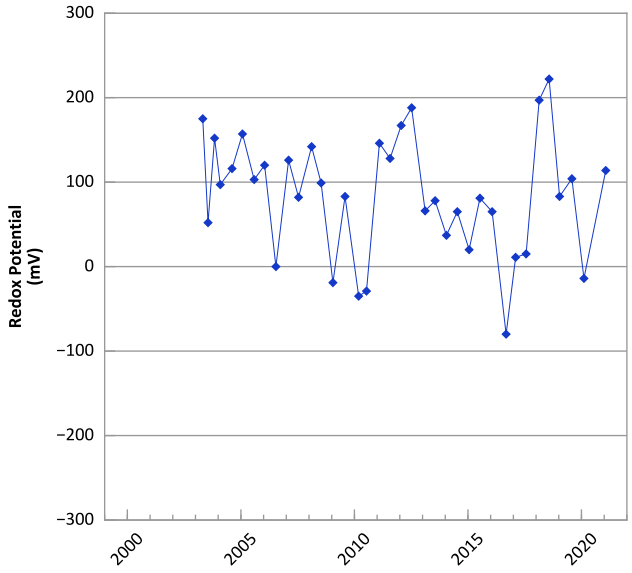
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

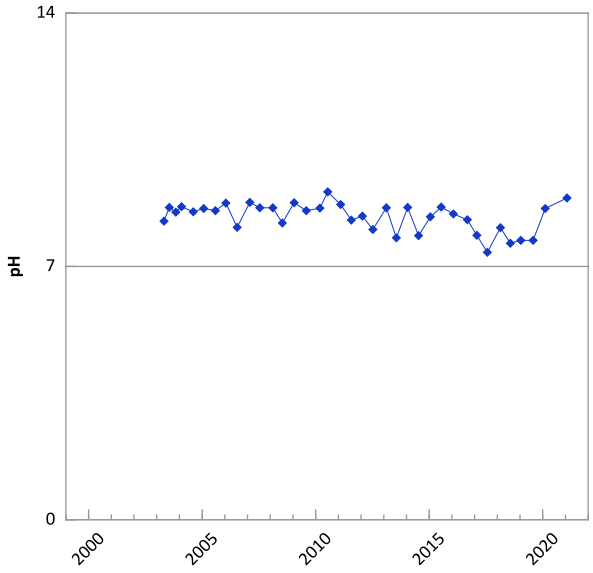
Well Location

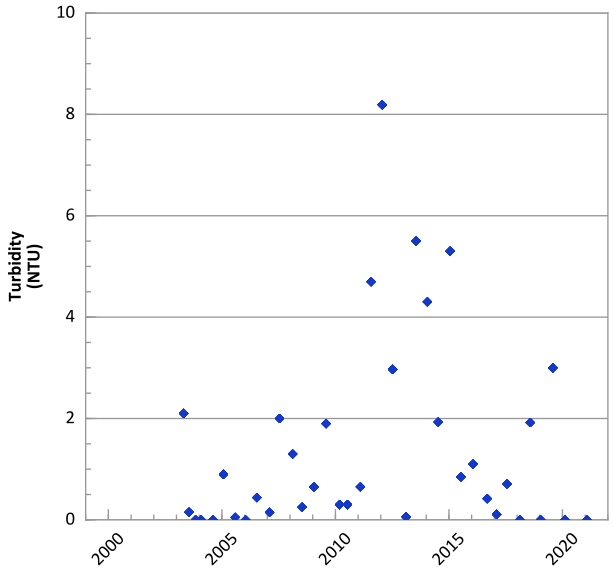


PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



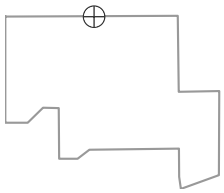






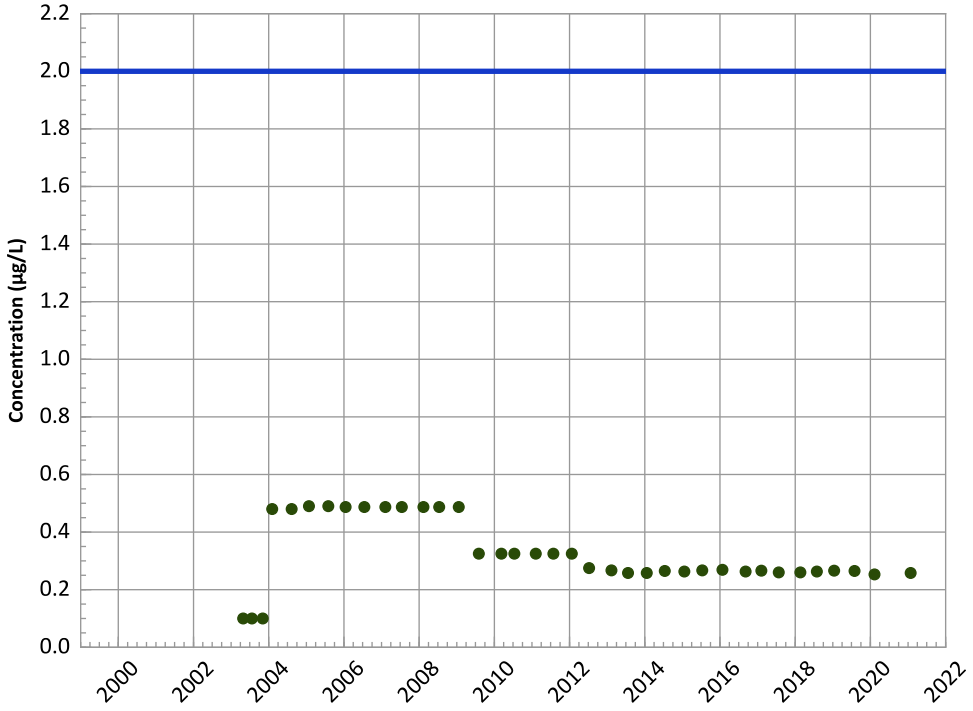
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

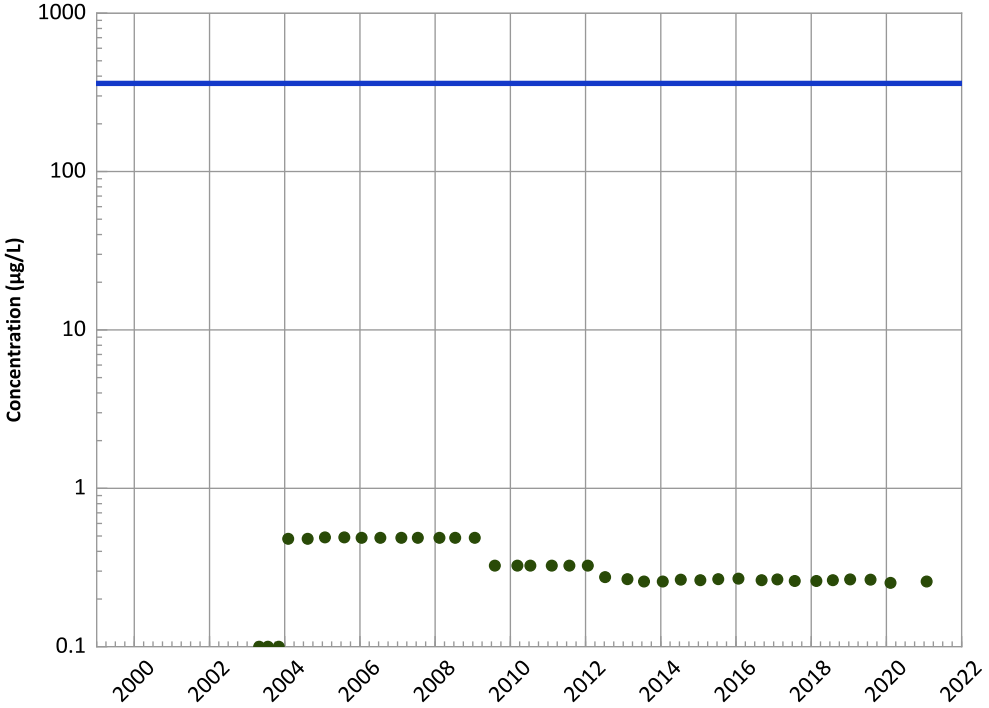


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

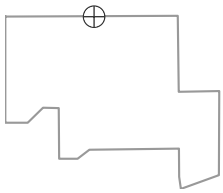
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

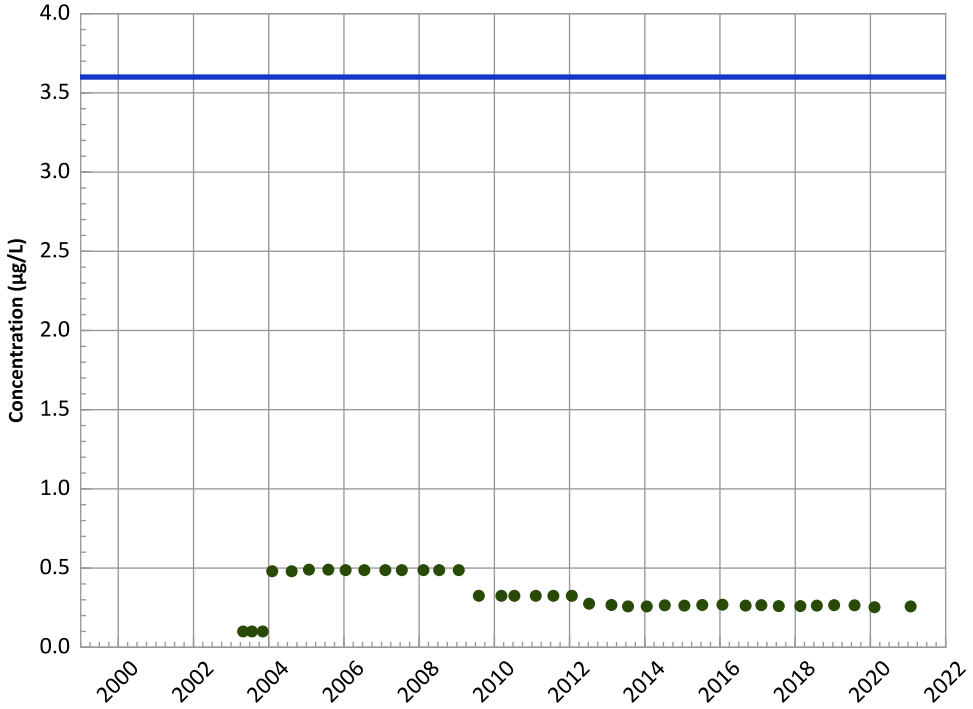
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

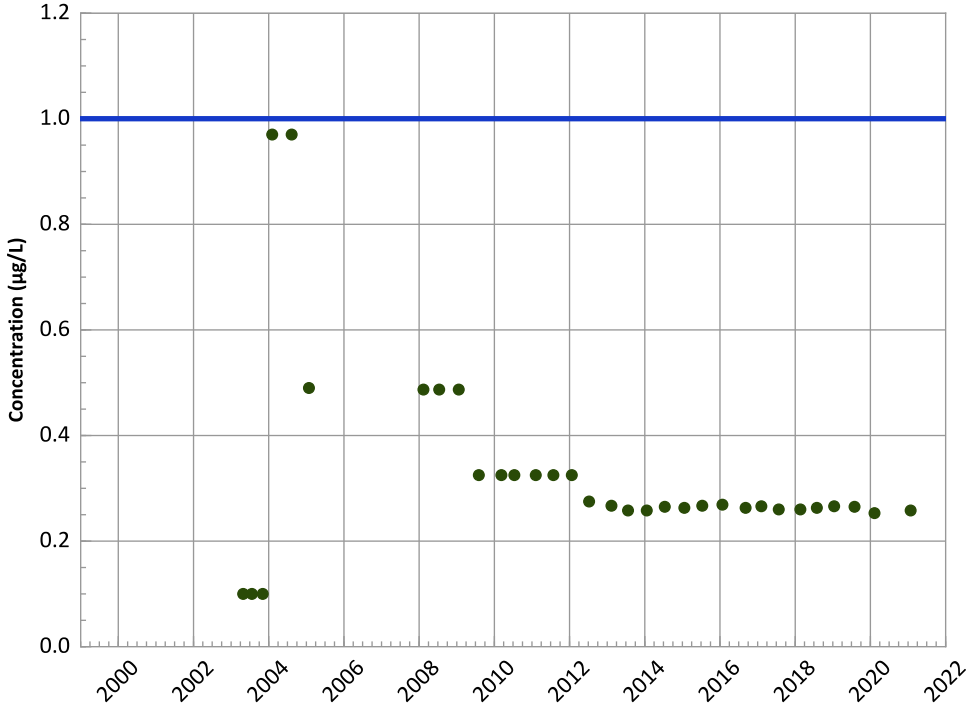


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

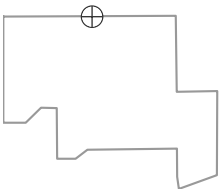
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

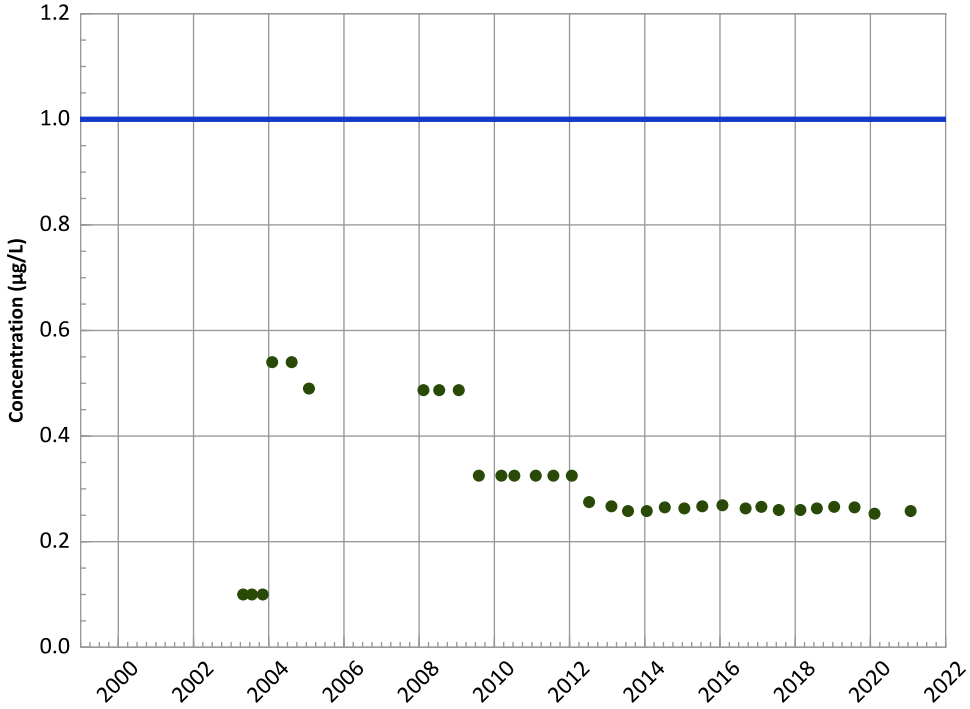
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

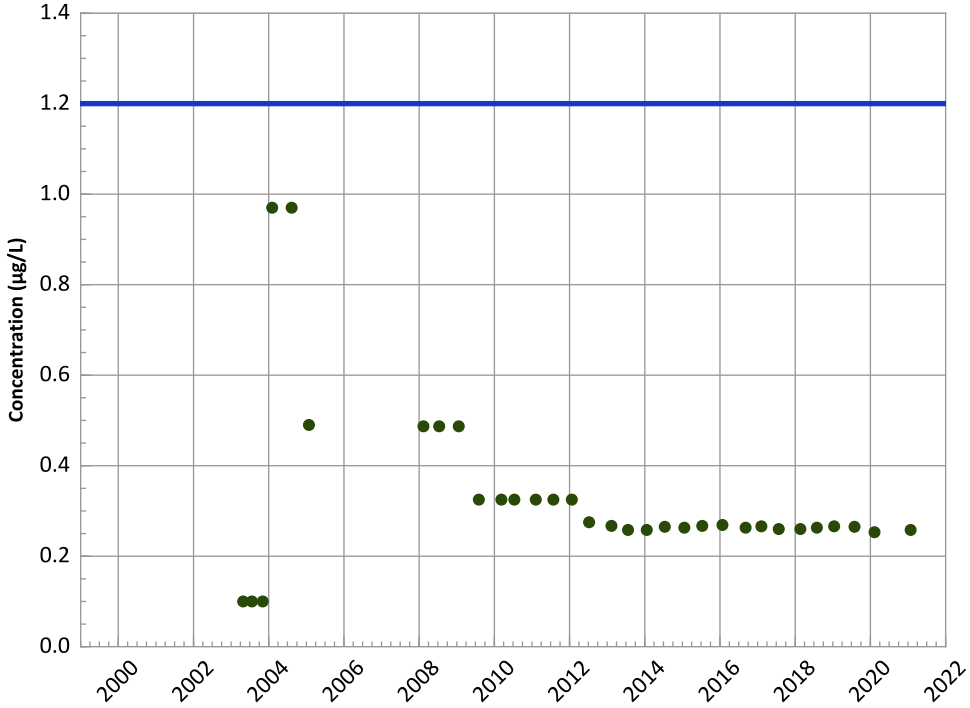


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

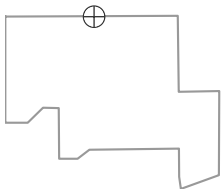


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

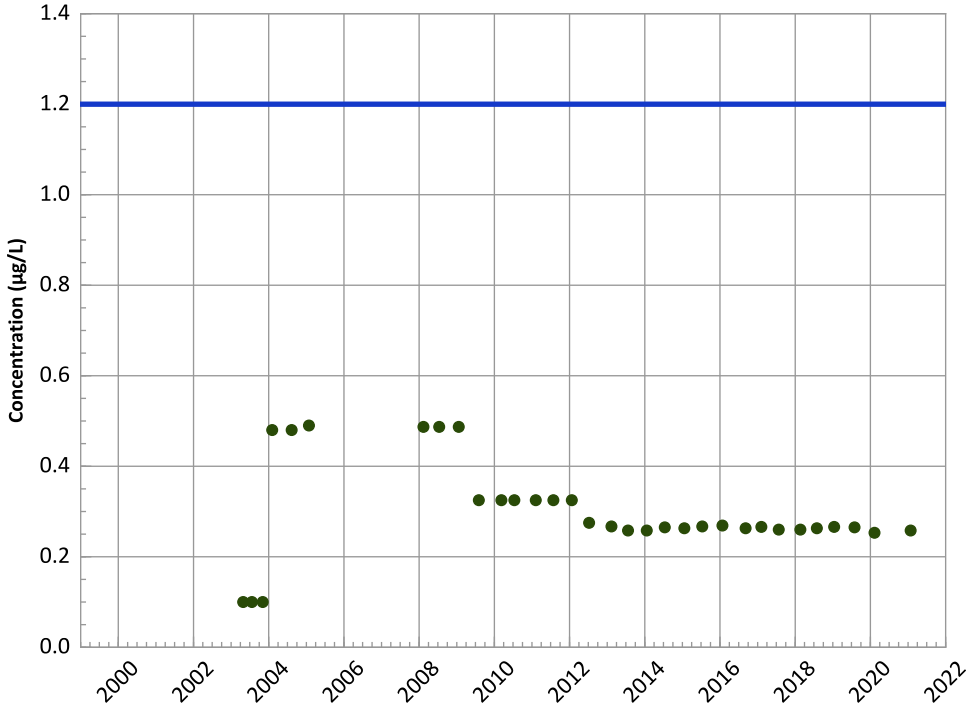


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

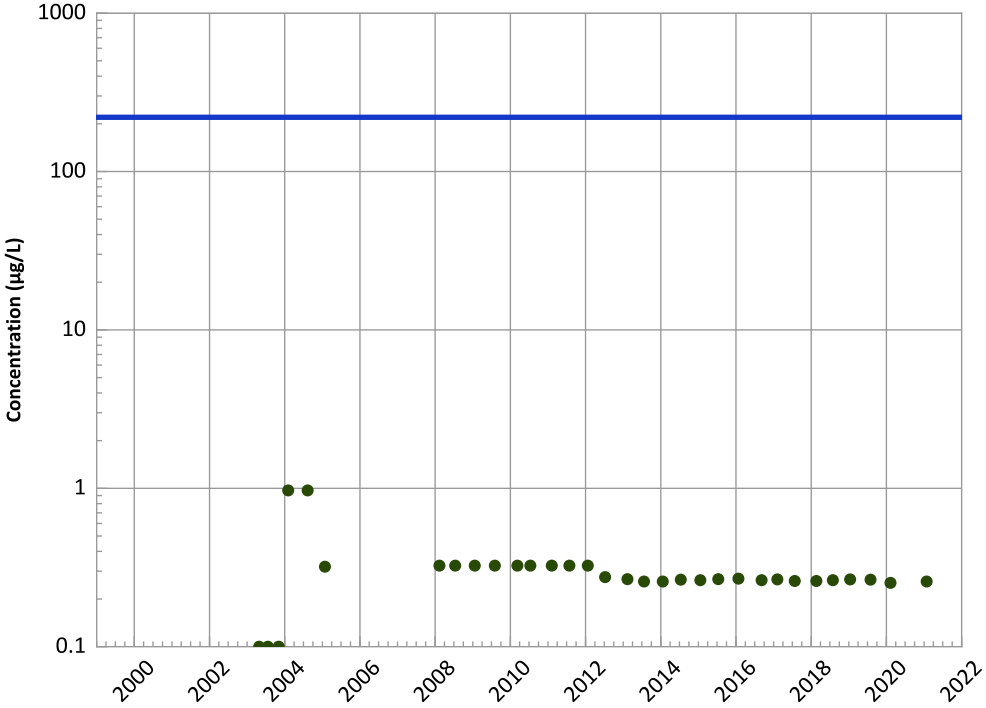


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

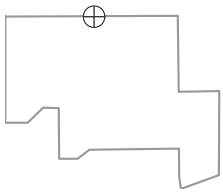
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

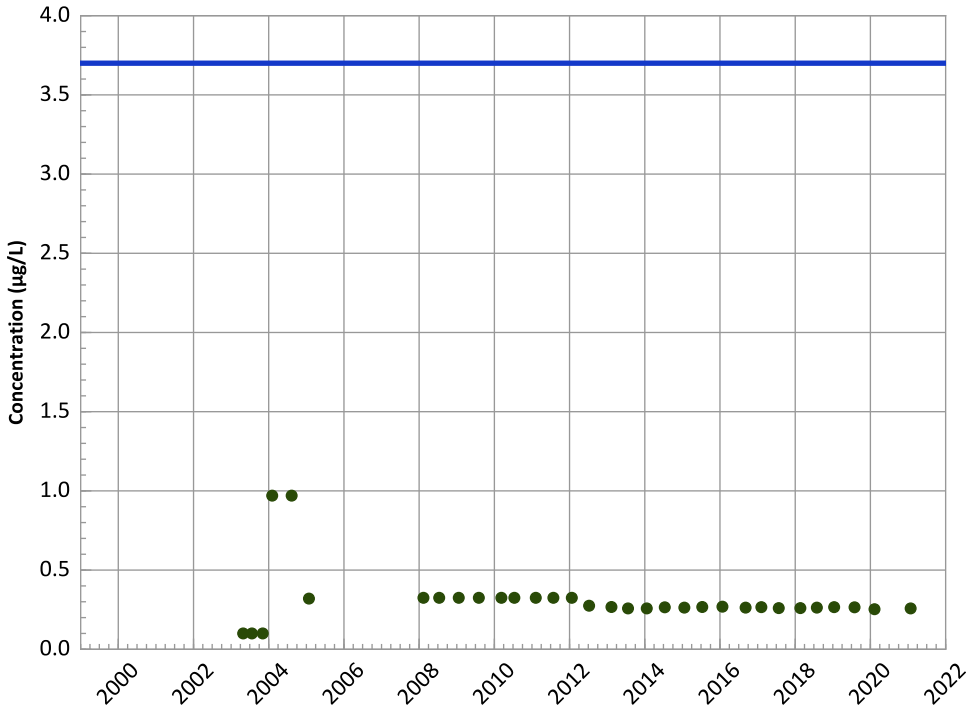
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

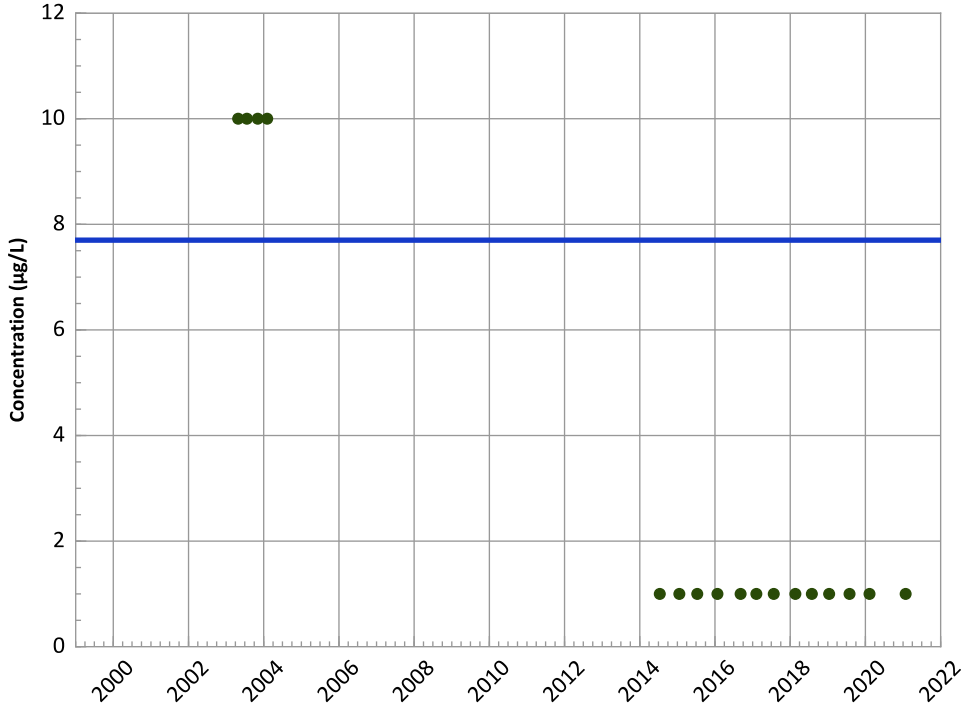


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

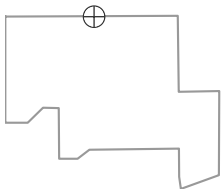


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

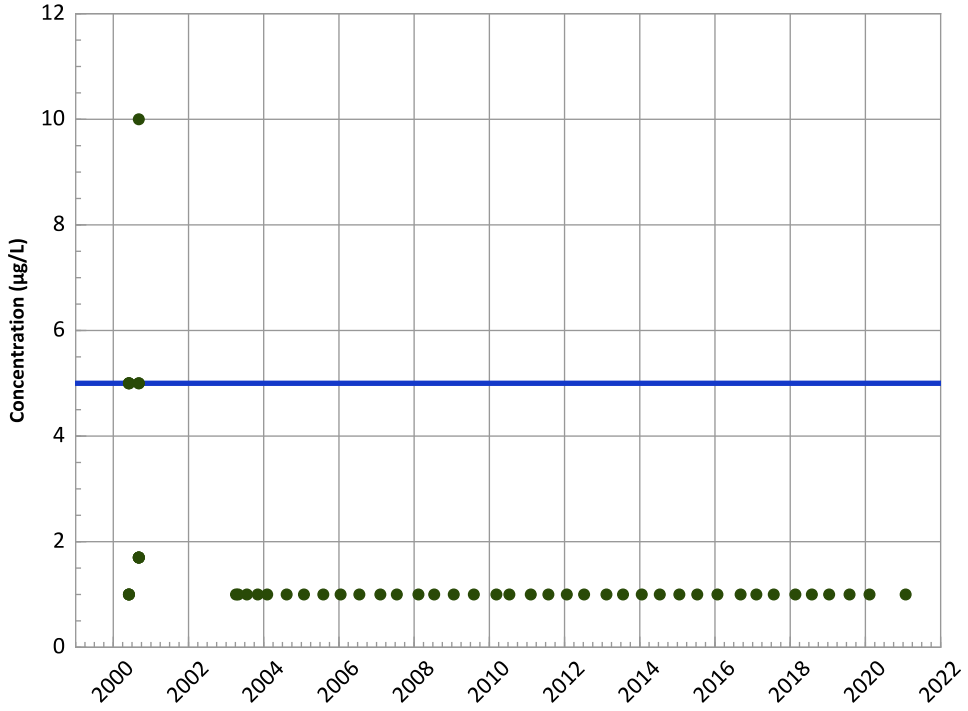


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

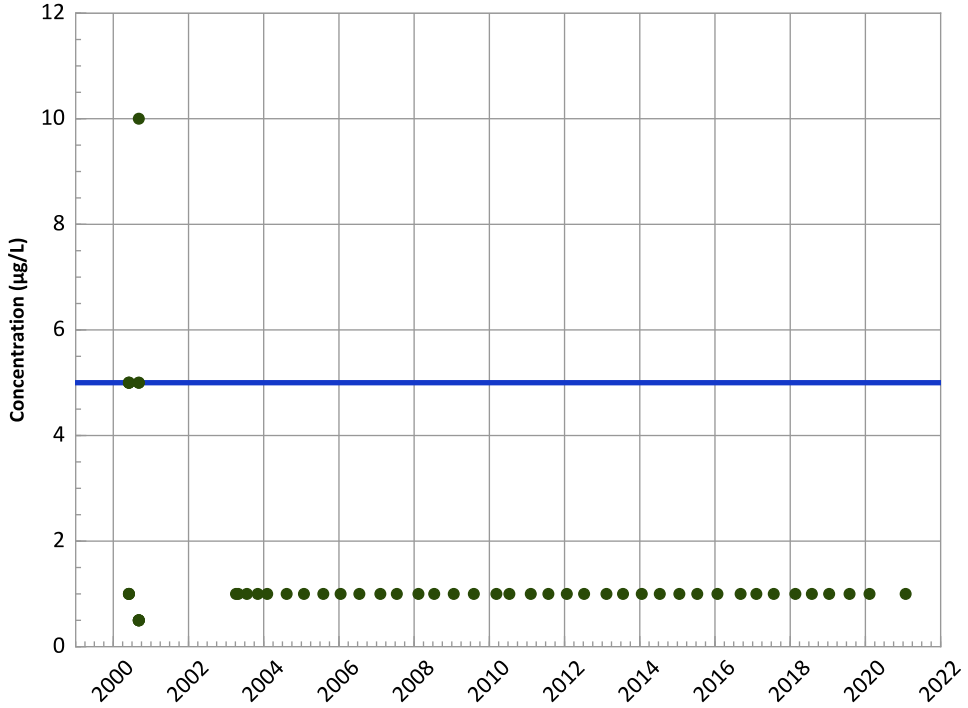


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

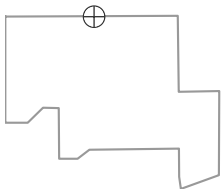


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

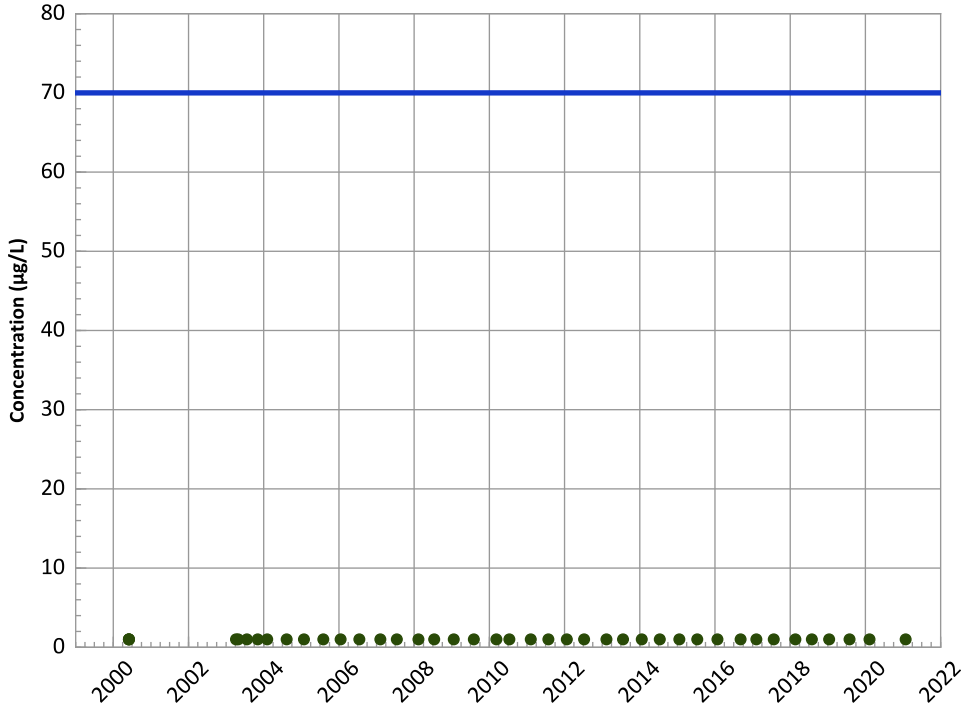


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

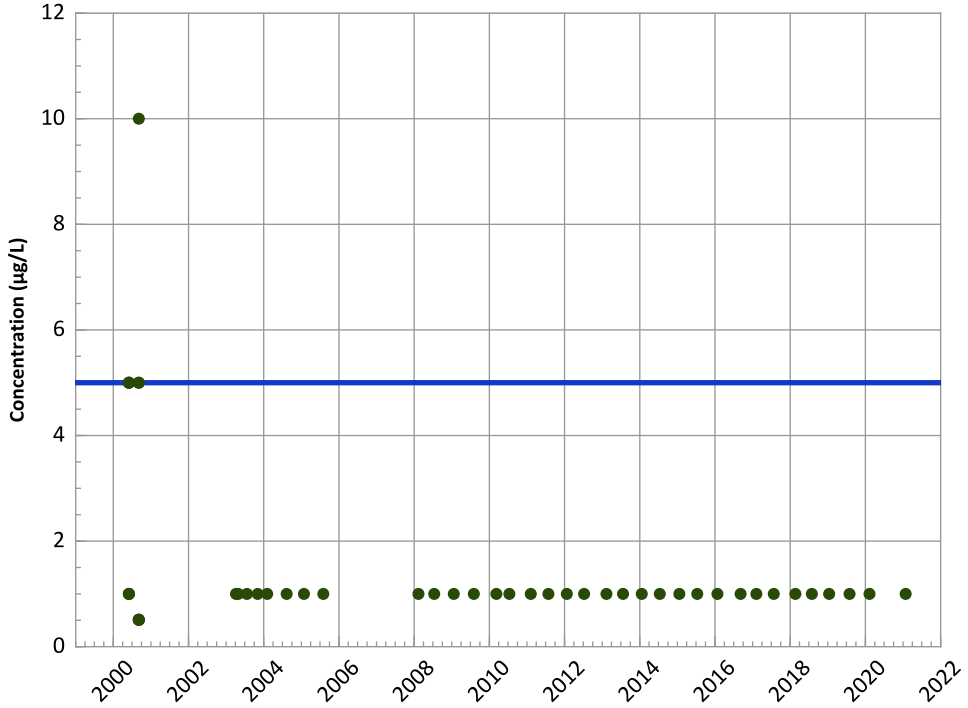


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

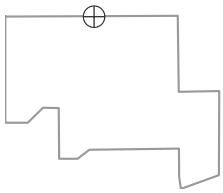


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

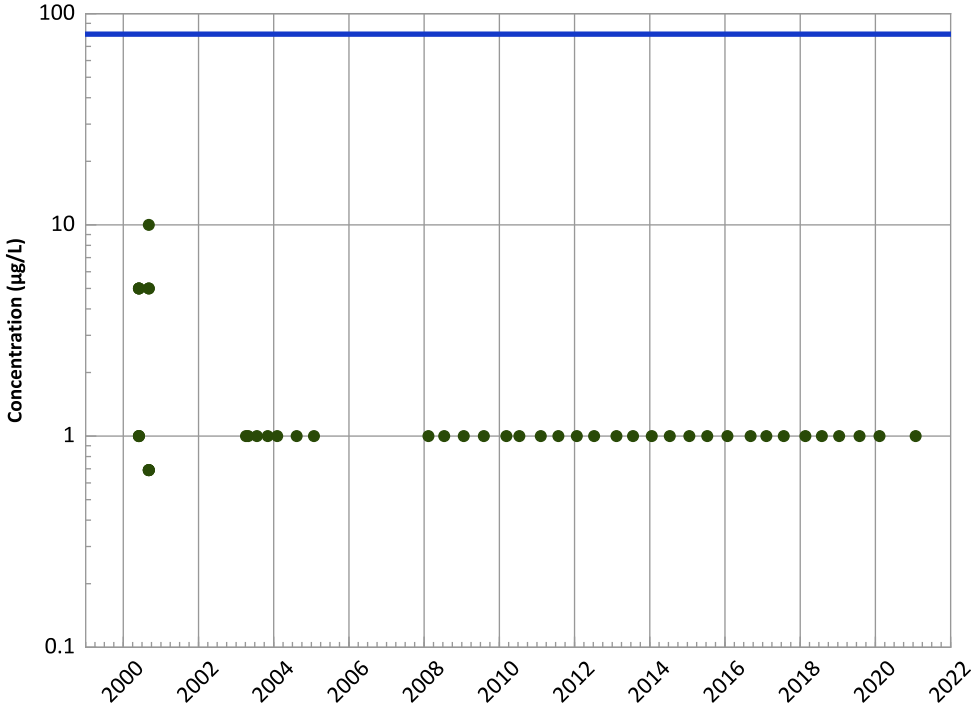


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

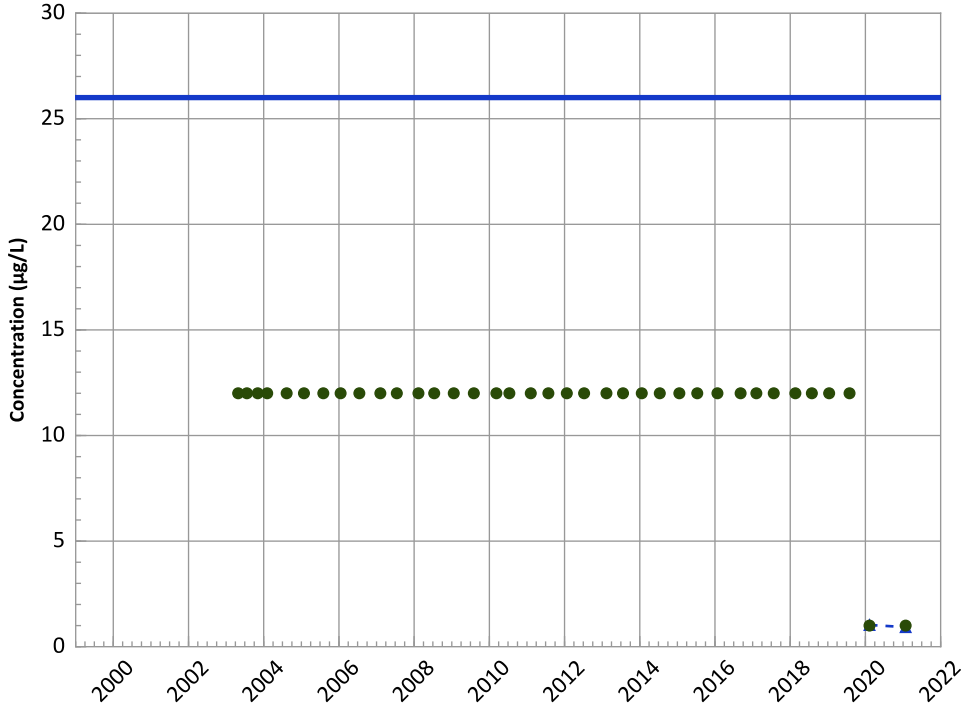


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

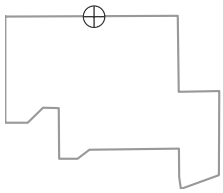
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

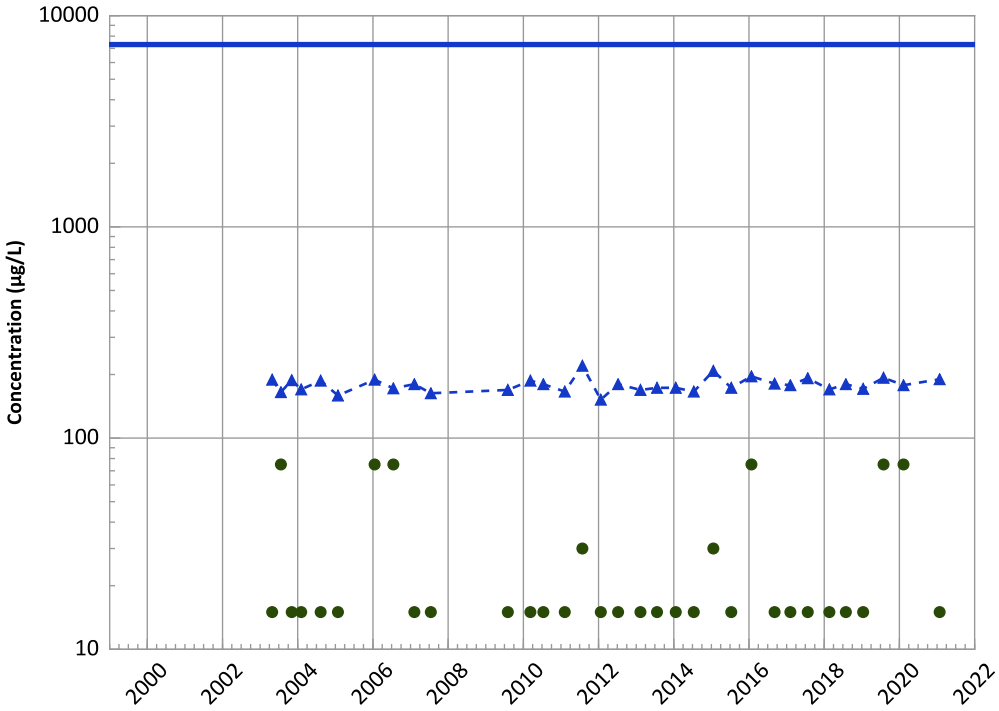
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

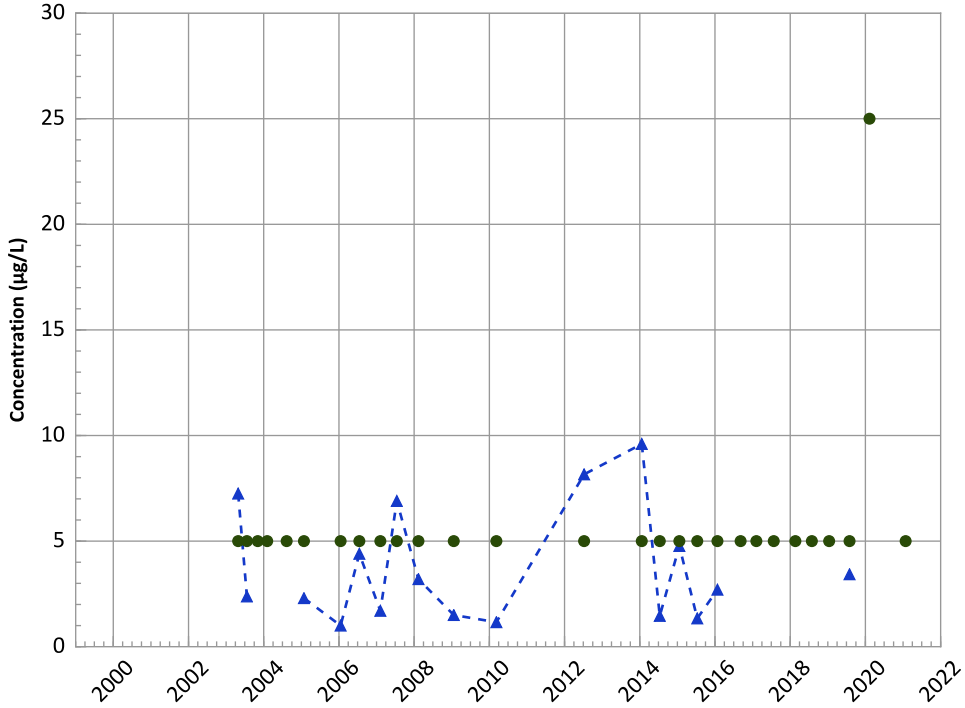


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

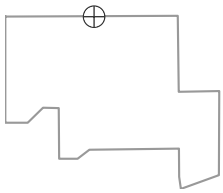
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

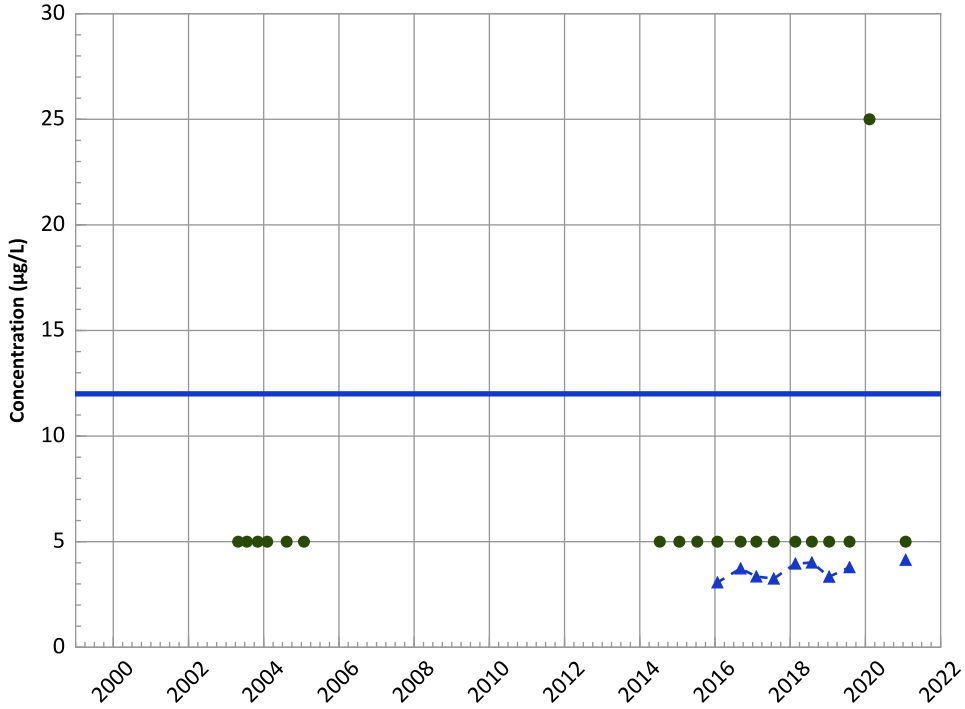
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1012 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

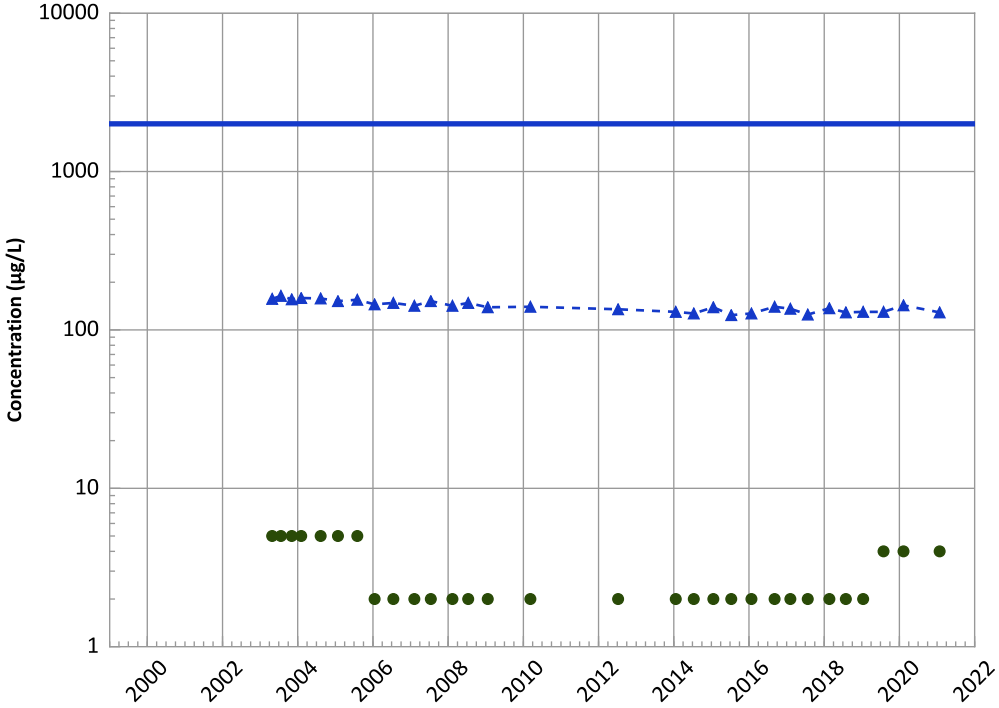


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

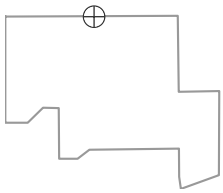
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

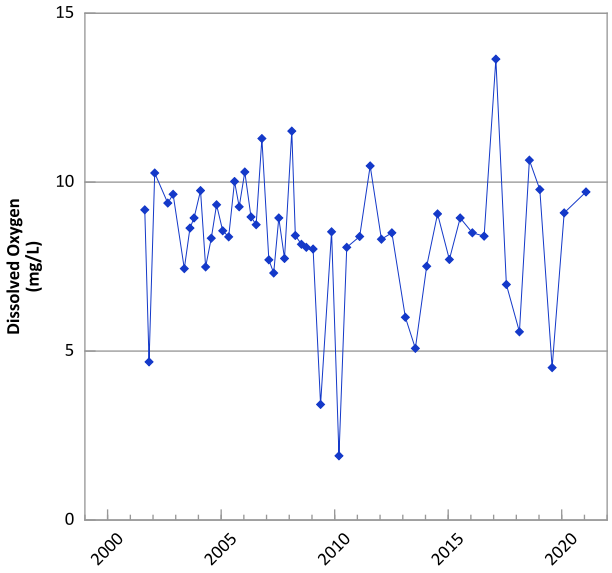
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

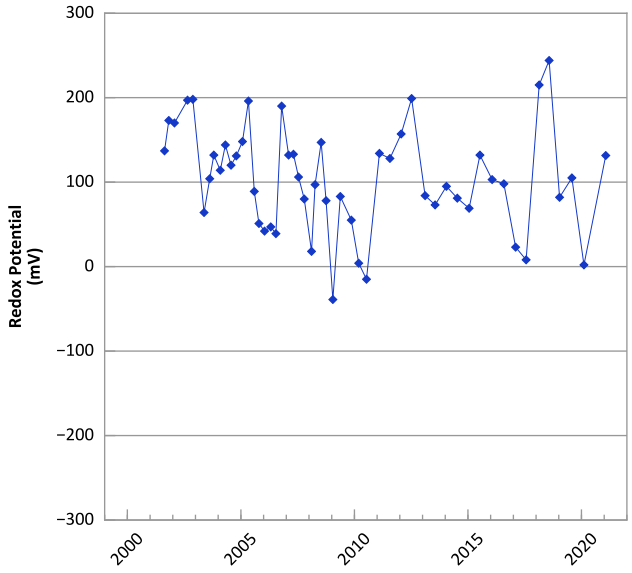
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

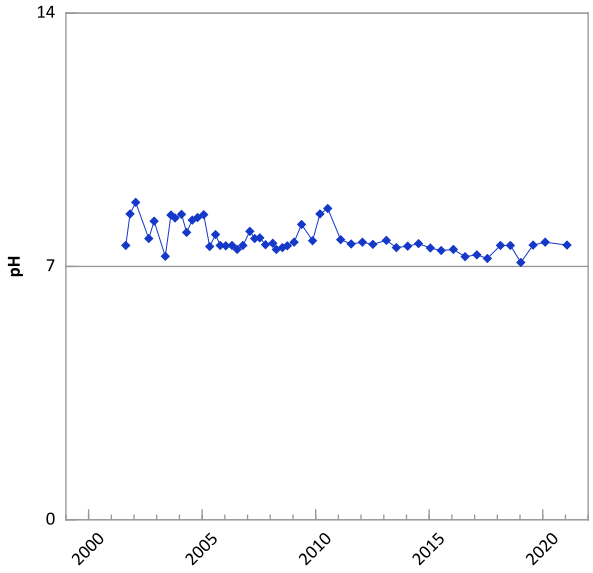
Well Location

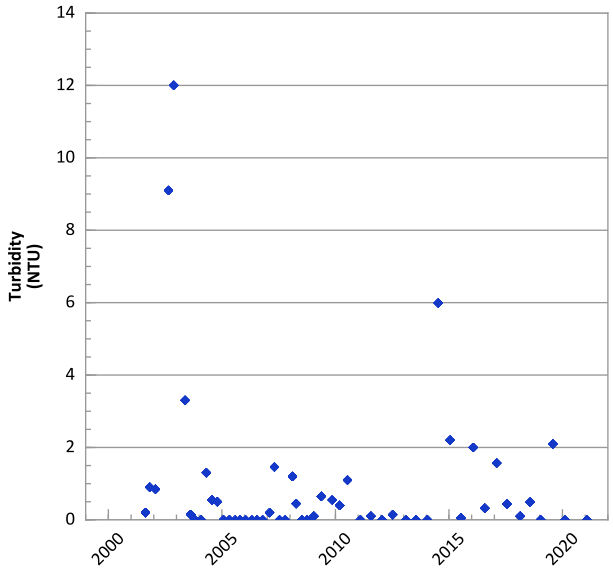


PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



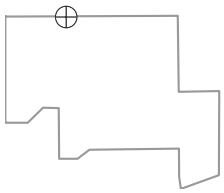






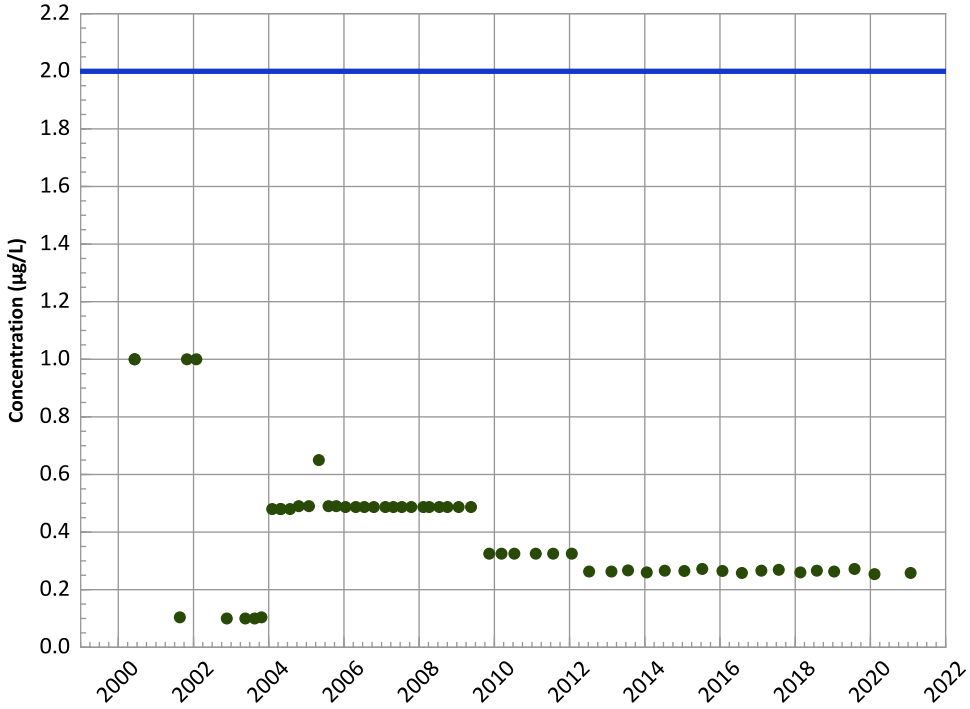
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

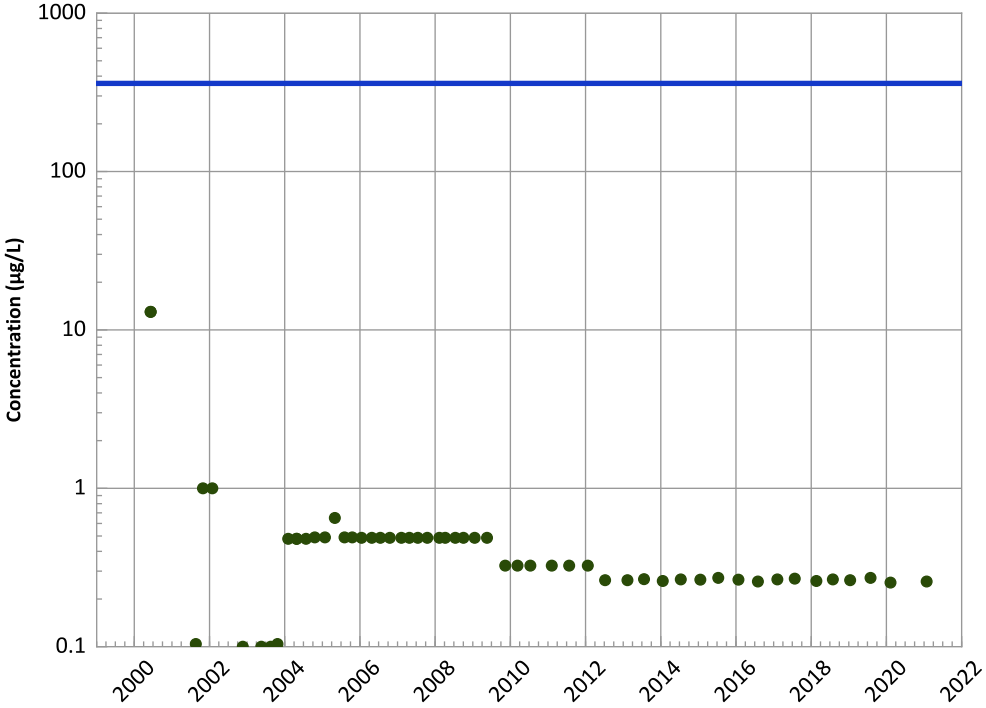


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

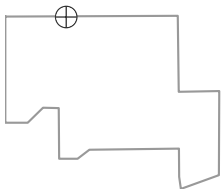
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

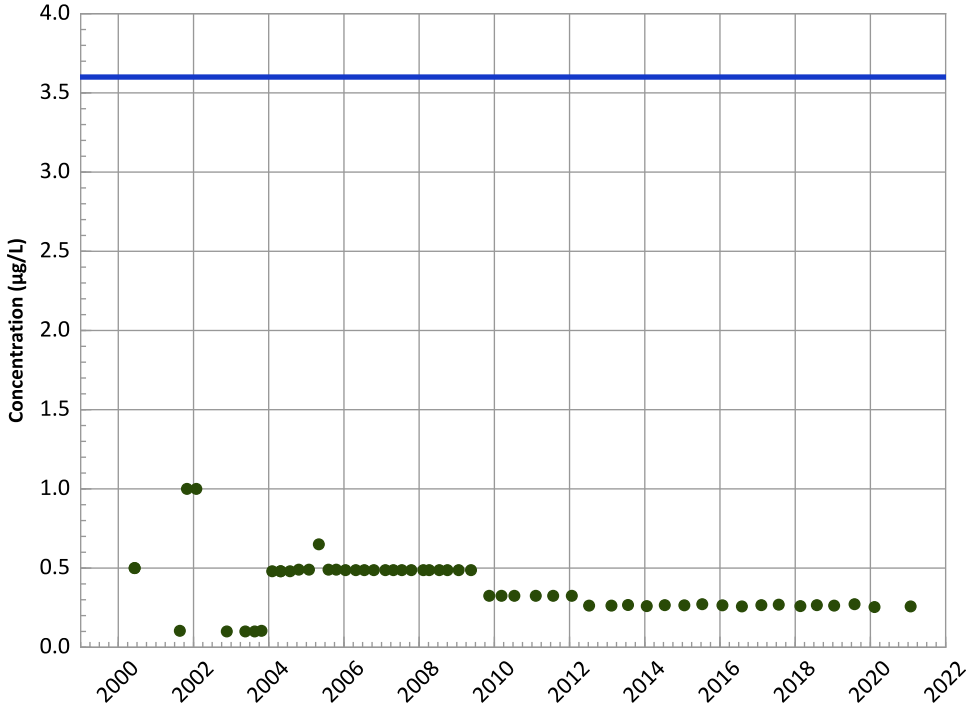
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

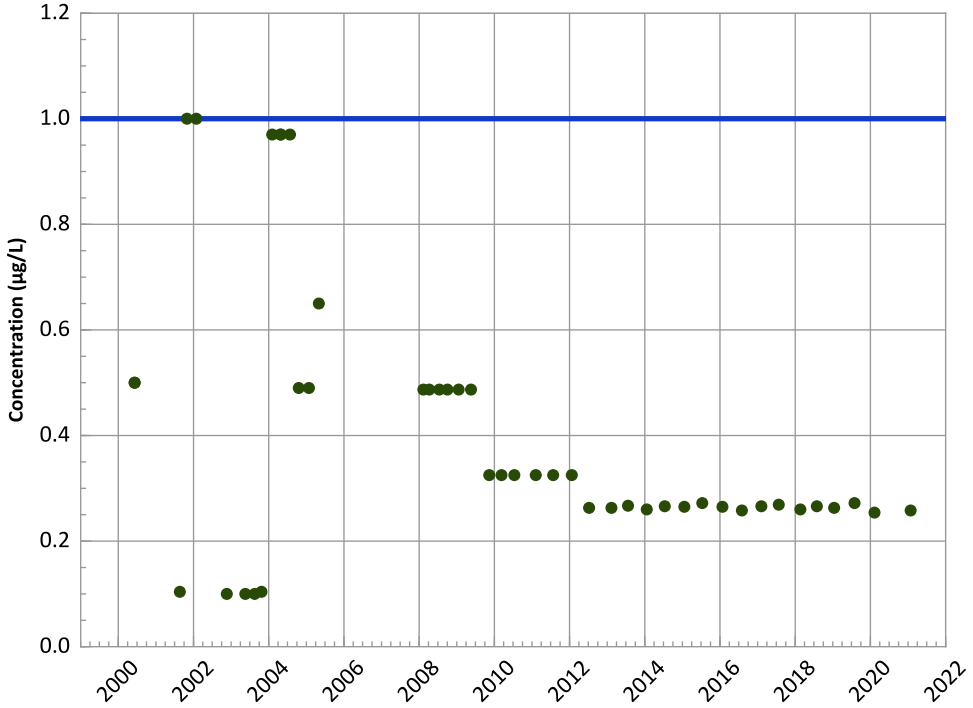


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

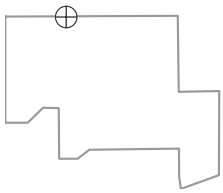
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

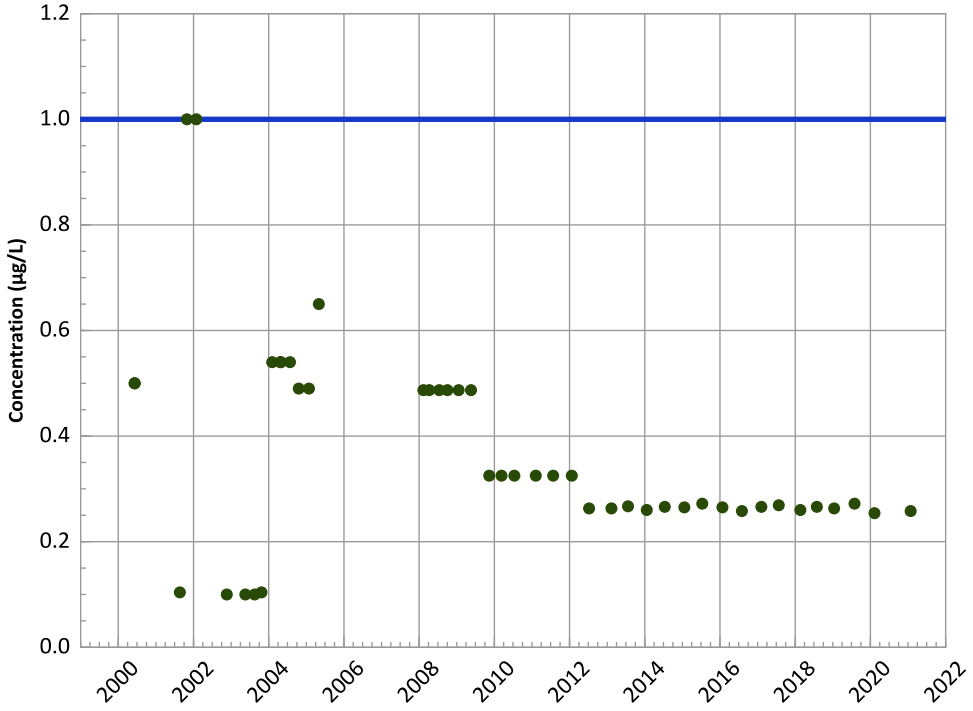
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

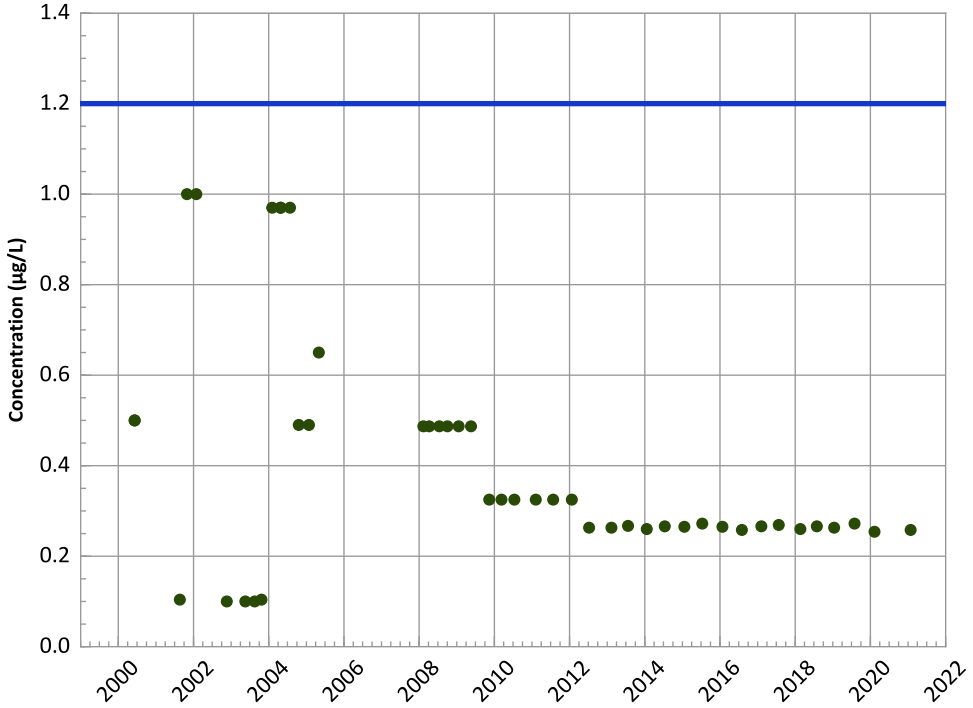


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

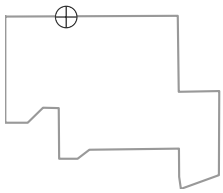


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

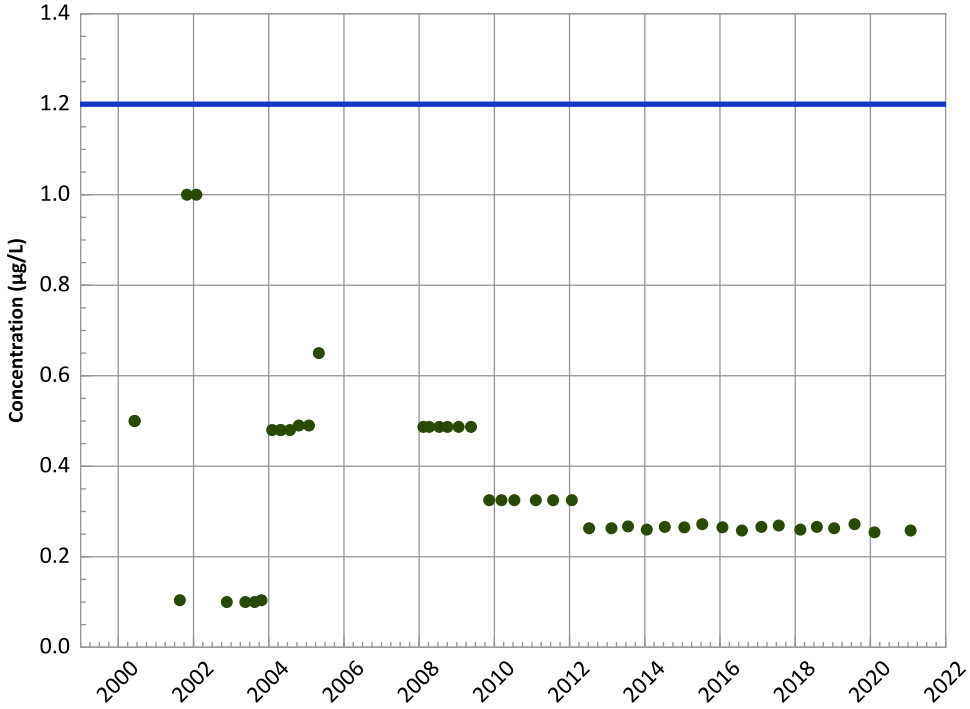


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

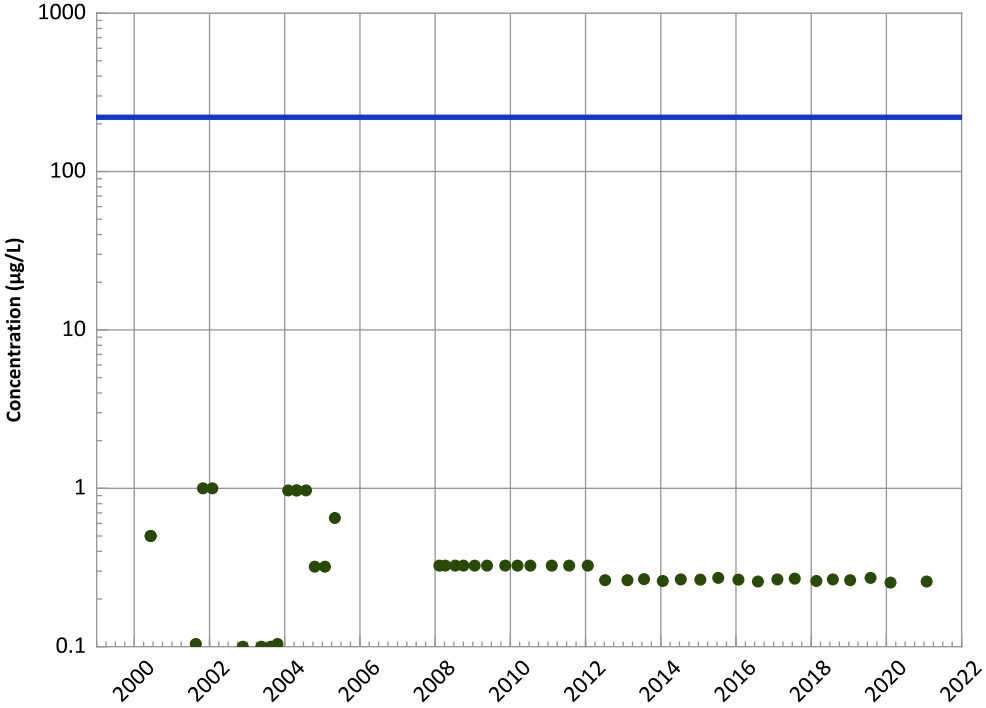


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

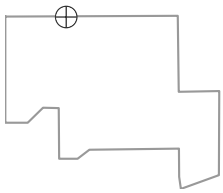
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

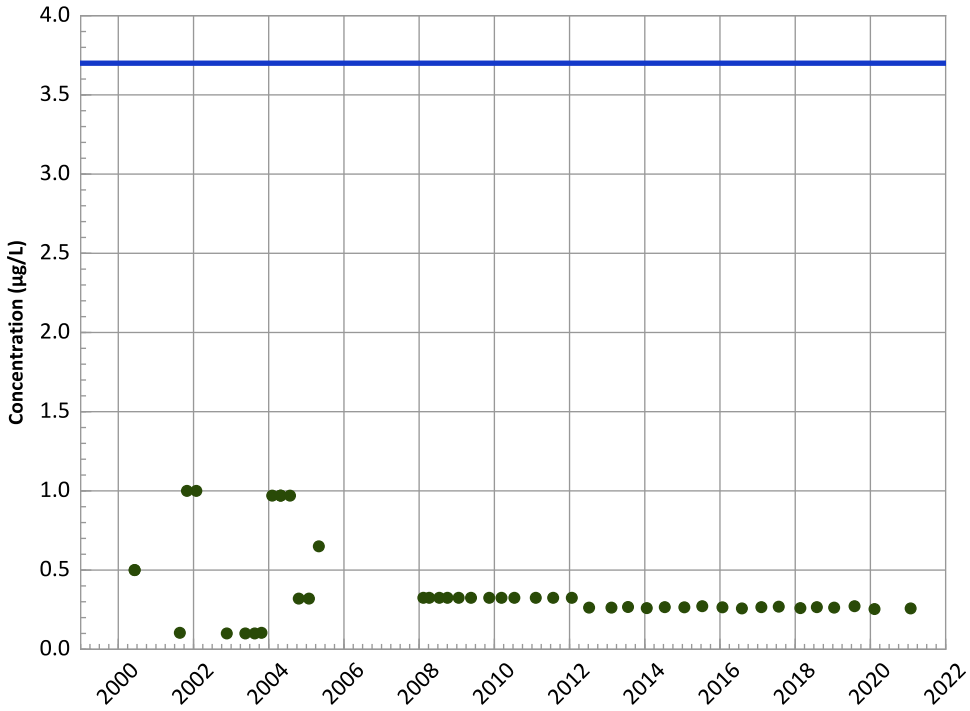
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

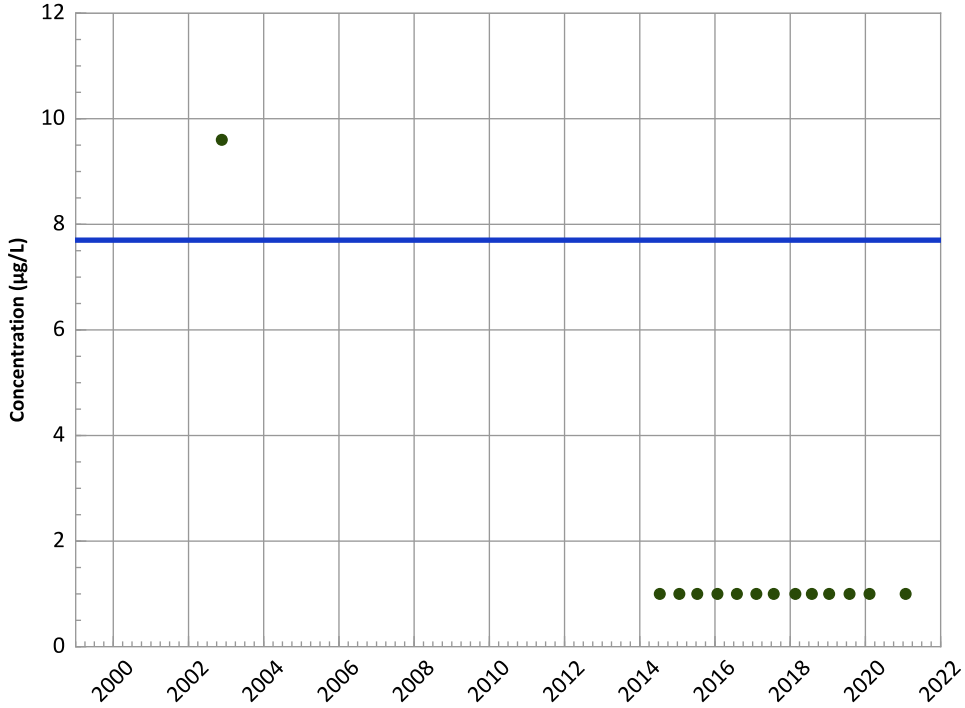


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

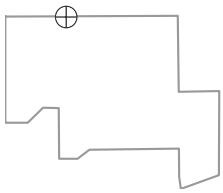
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

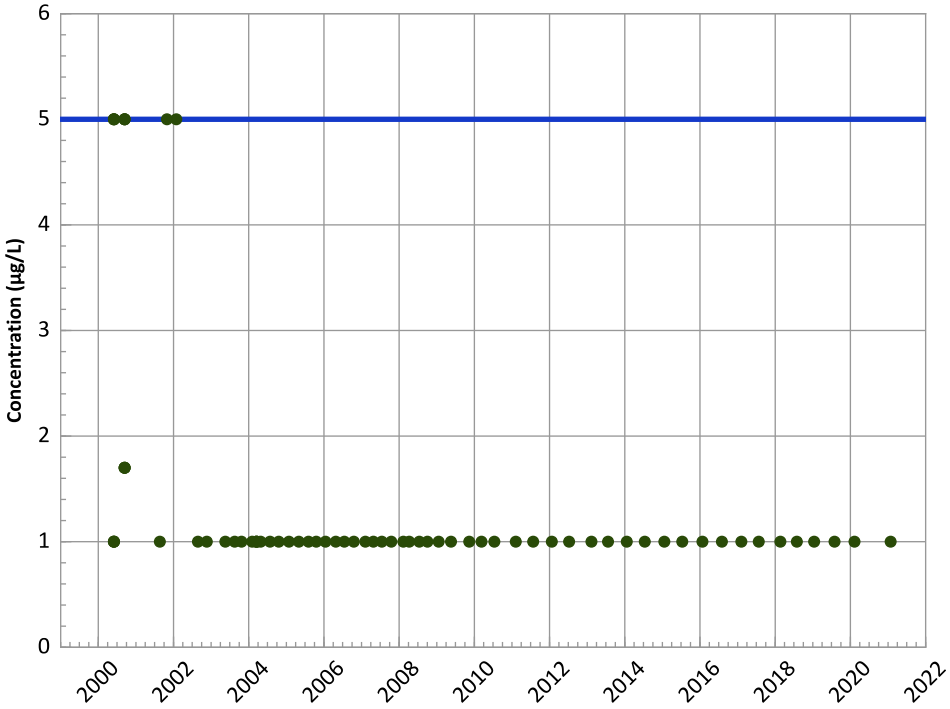
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

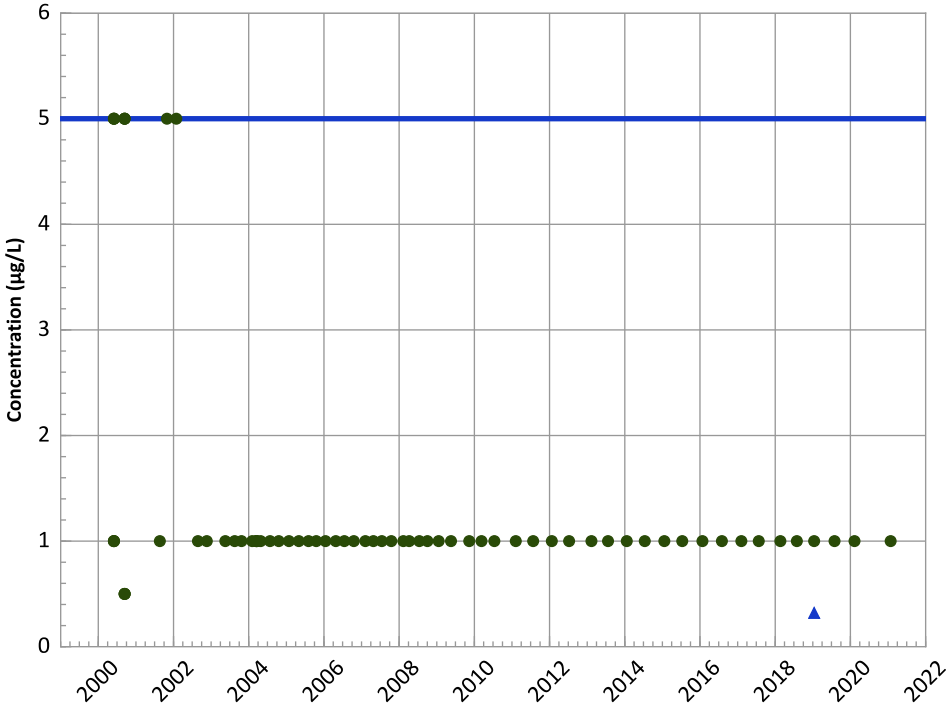


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

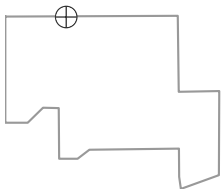


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Well Location

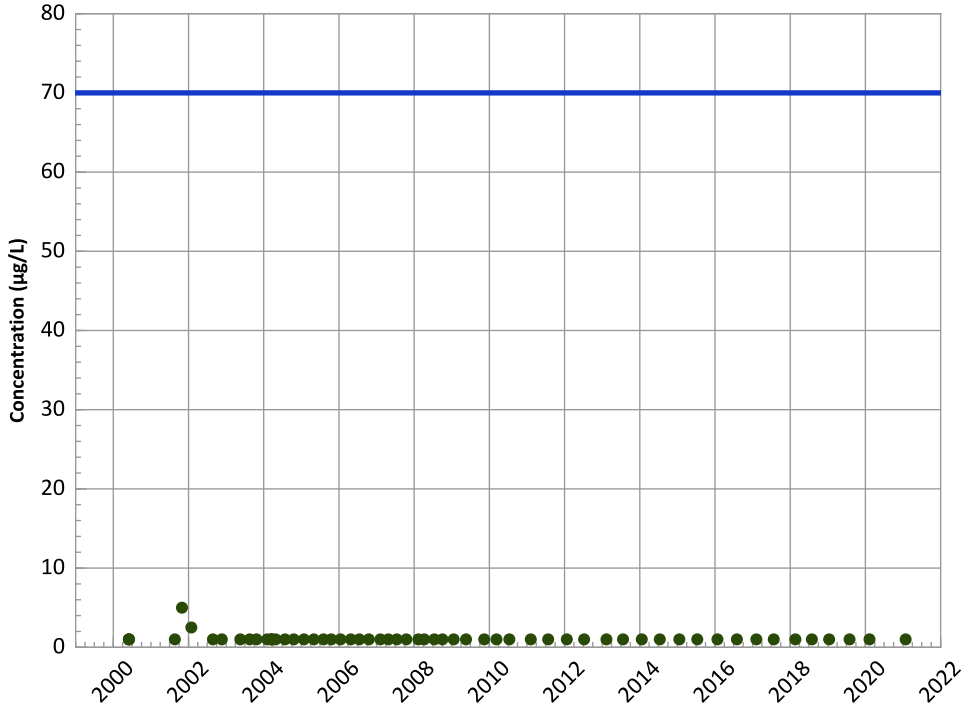


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

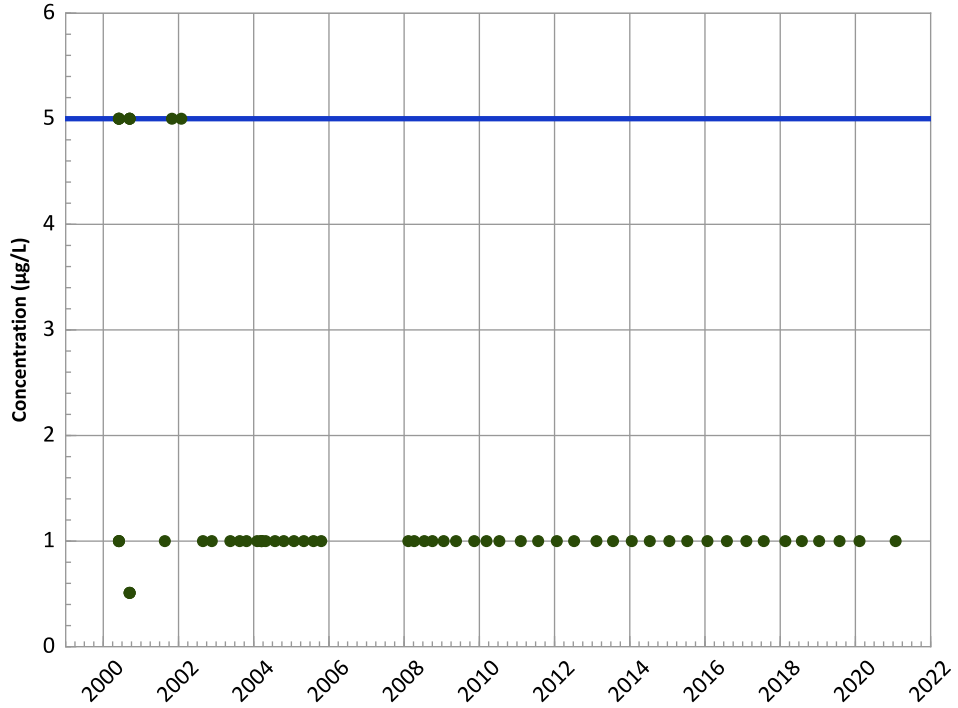


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

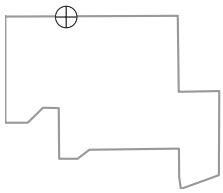
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

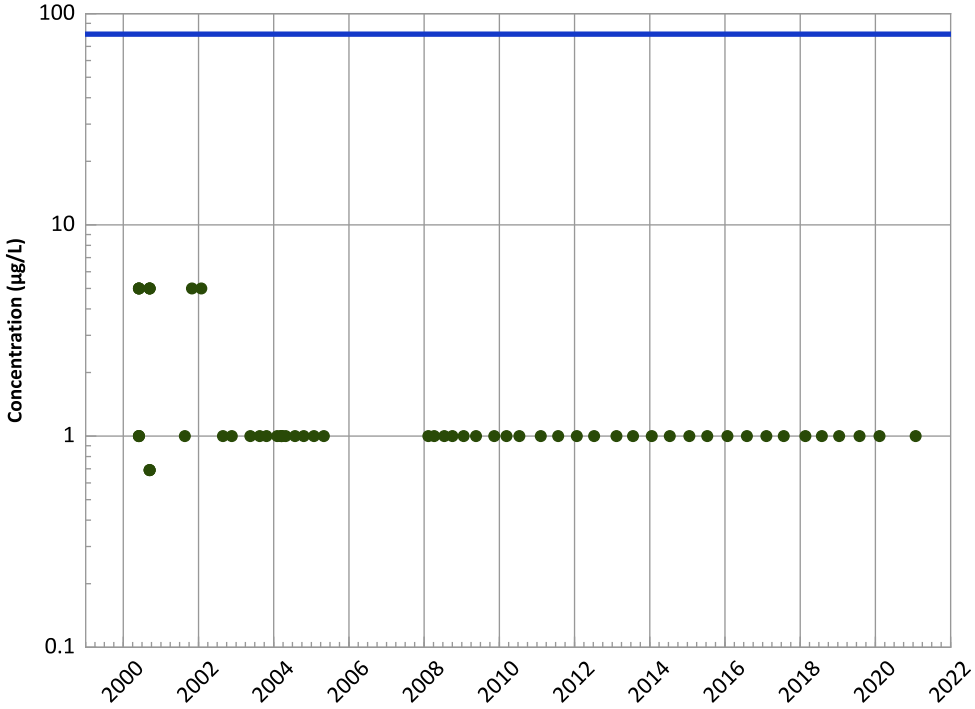
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

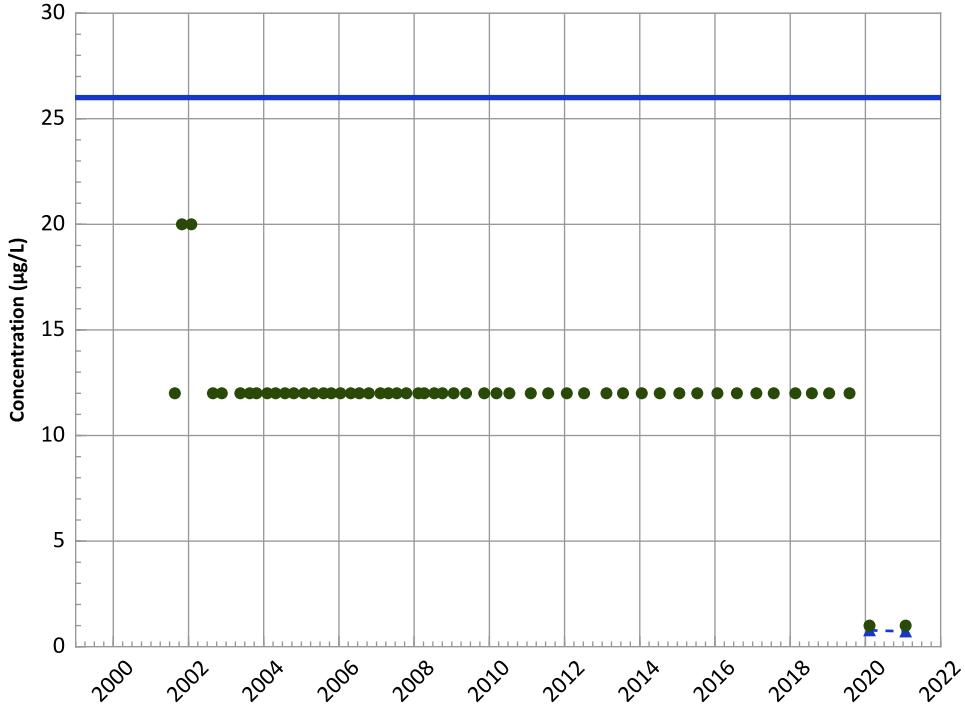


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

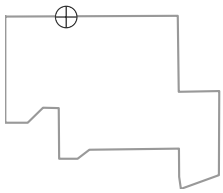
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

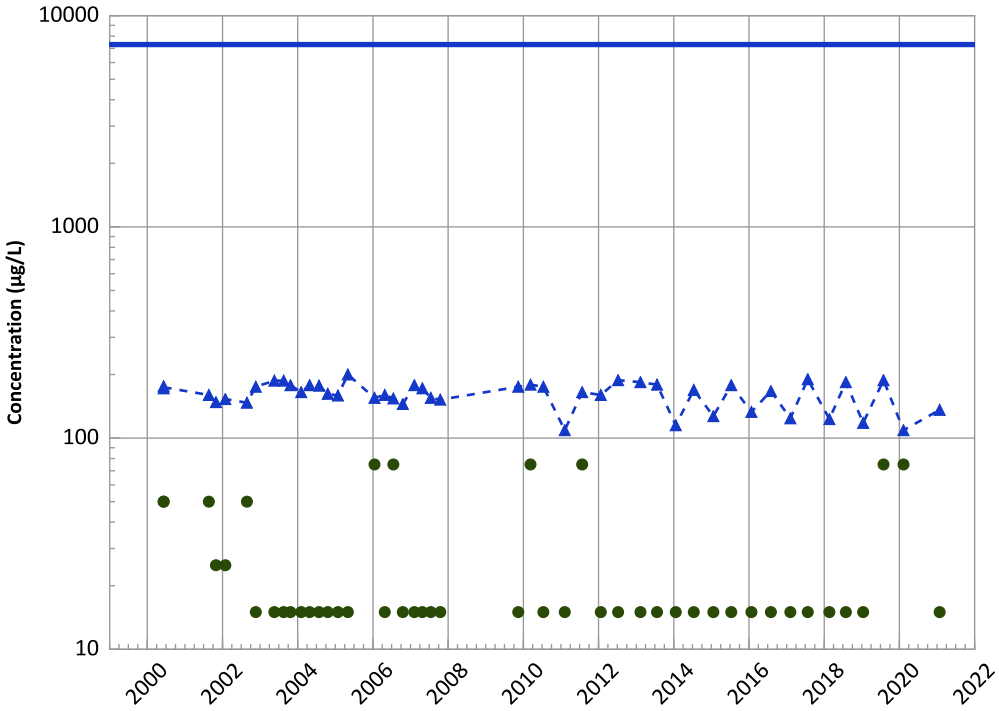
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

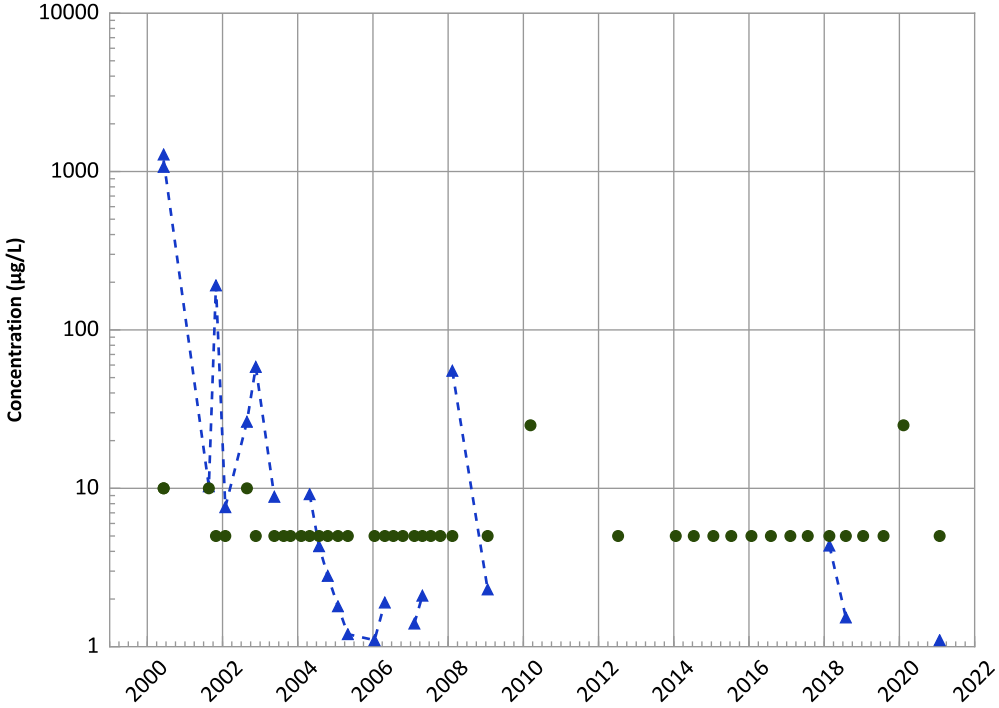


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

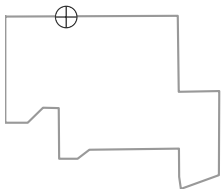
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

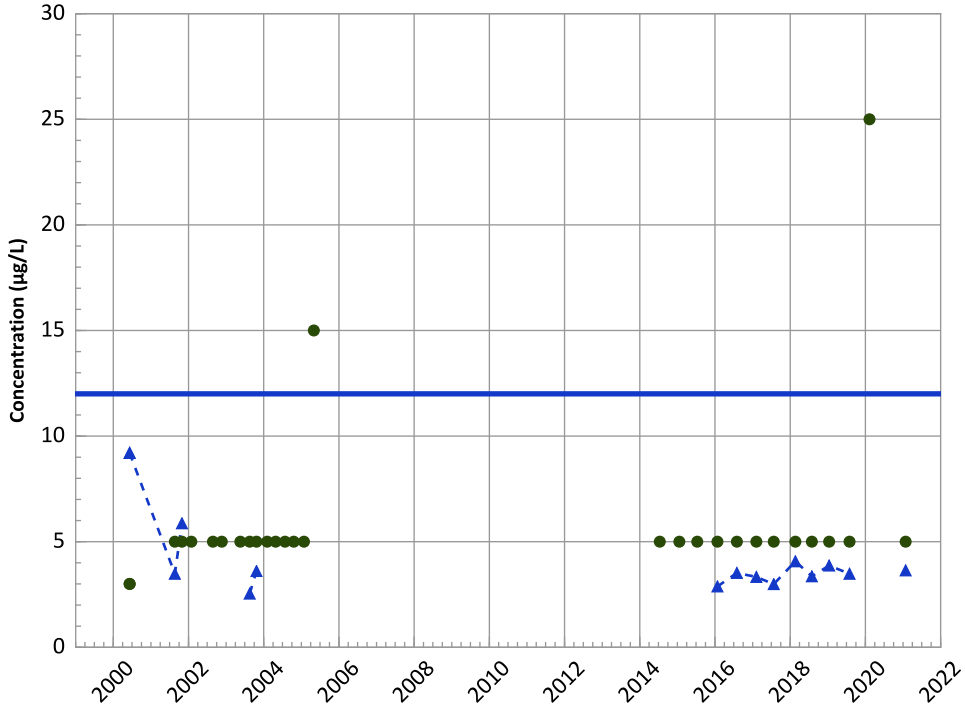
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX01-1013 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

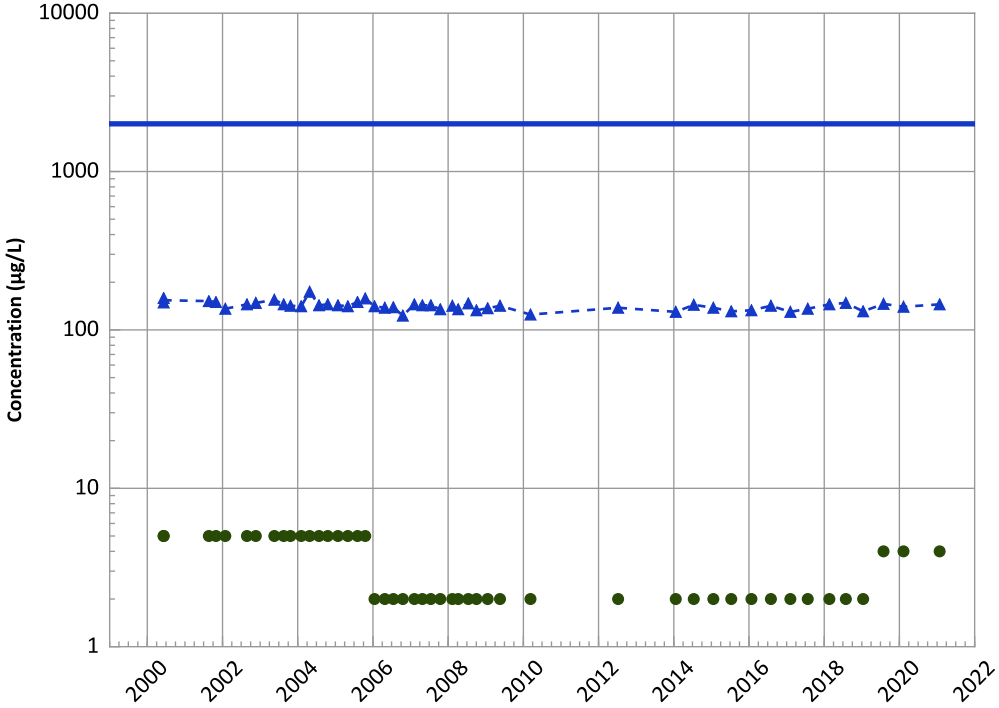


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Barium Trend

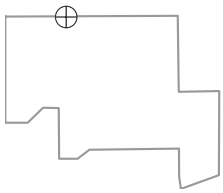


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

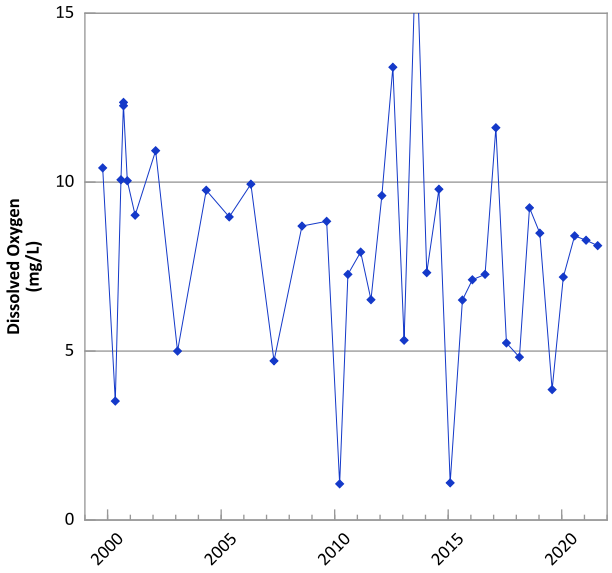
Well Location

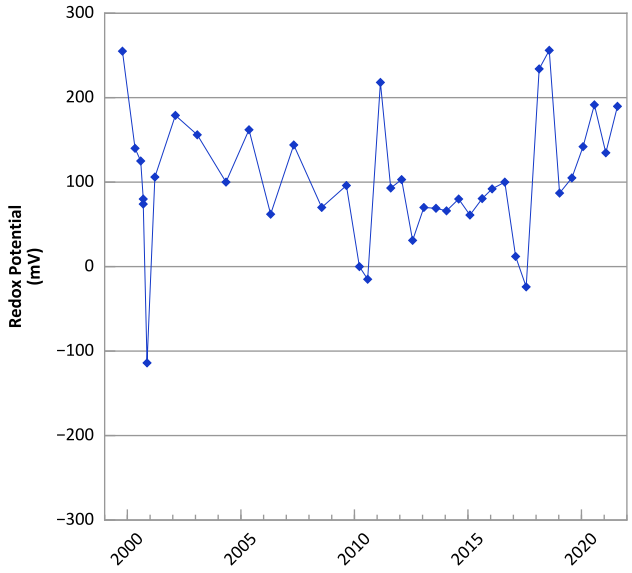


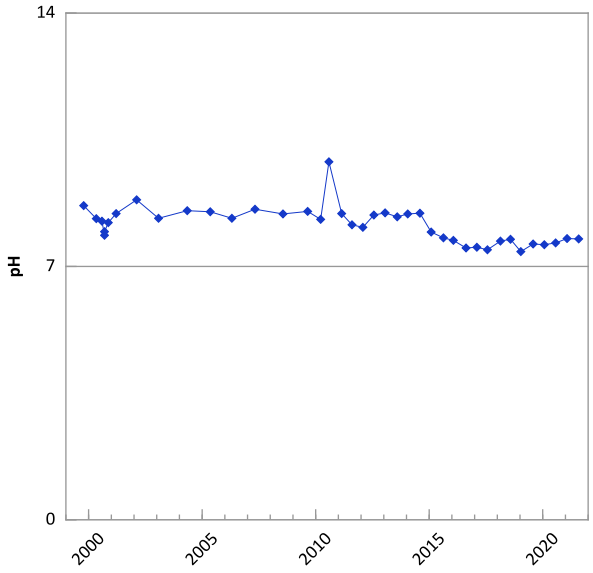
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/01/2000 to 01/26/2021
Analysis Date: 04/29/2022

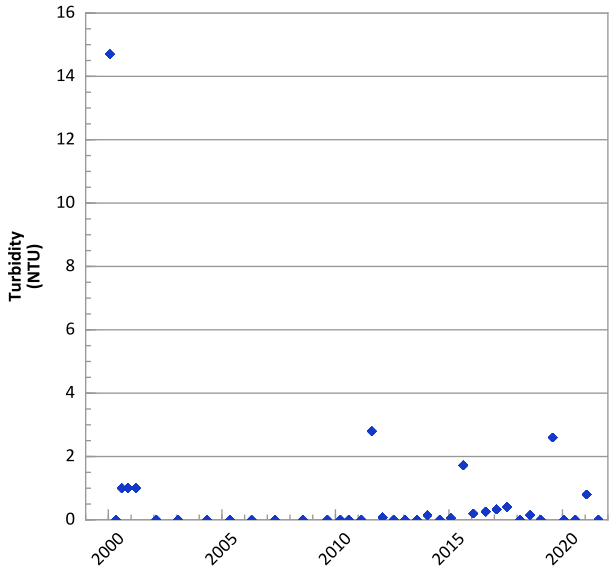
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



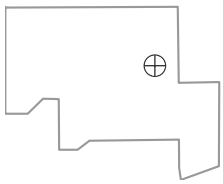






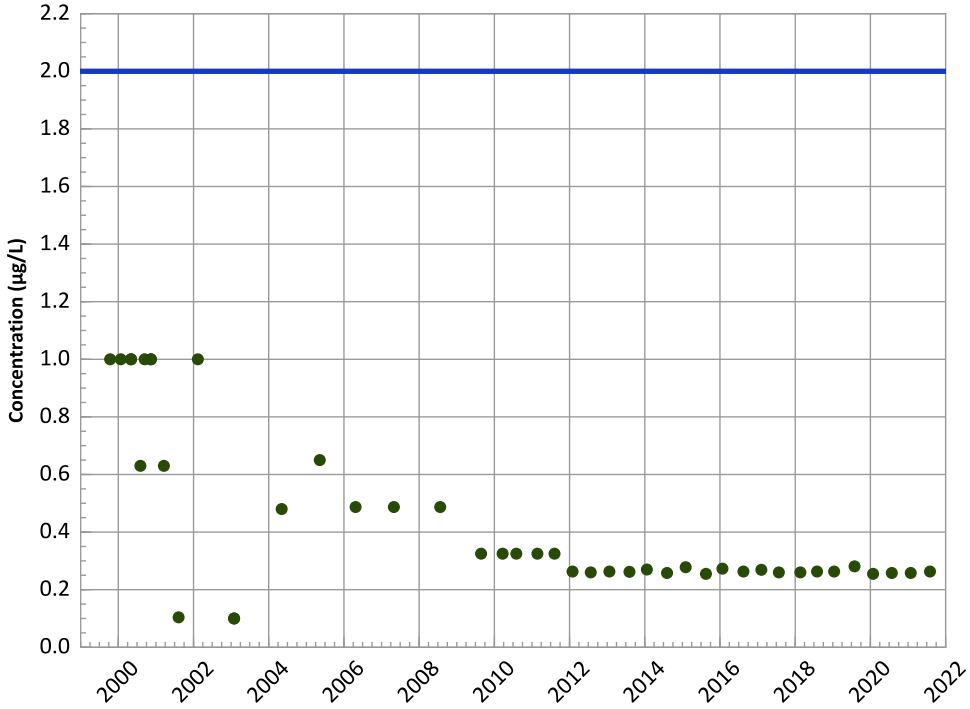
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

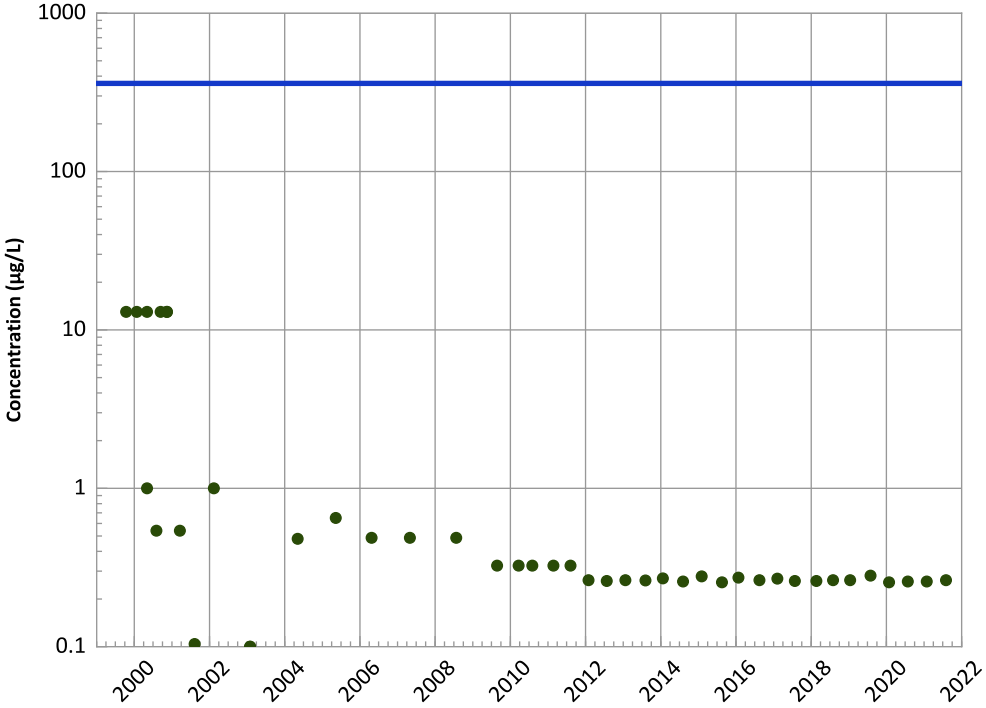


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

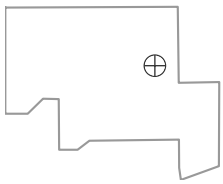
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

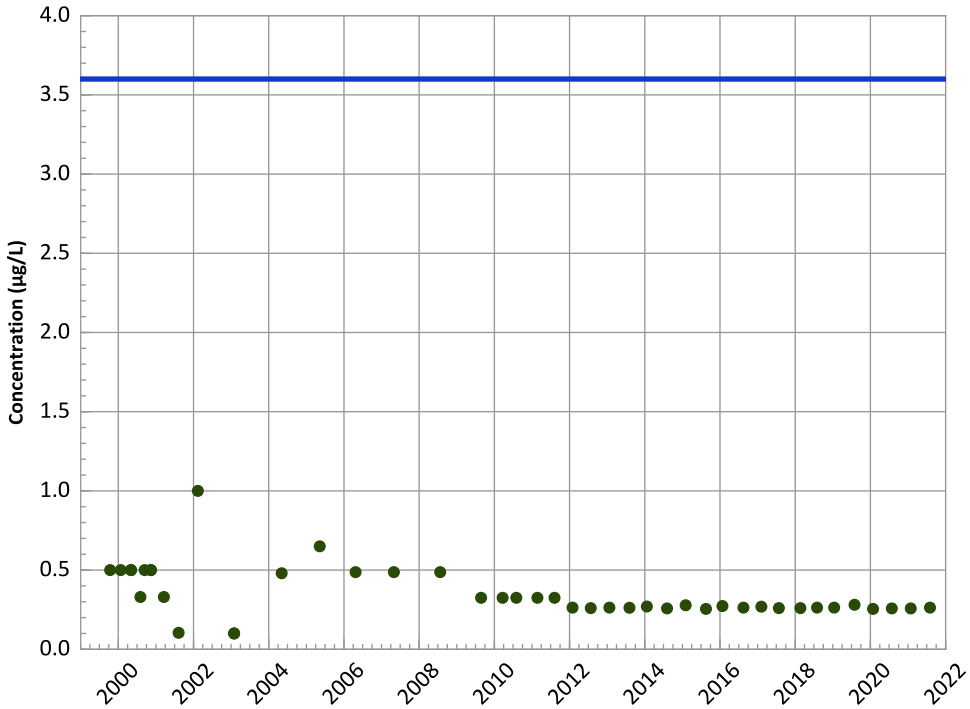
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

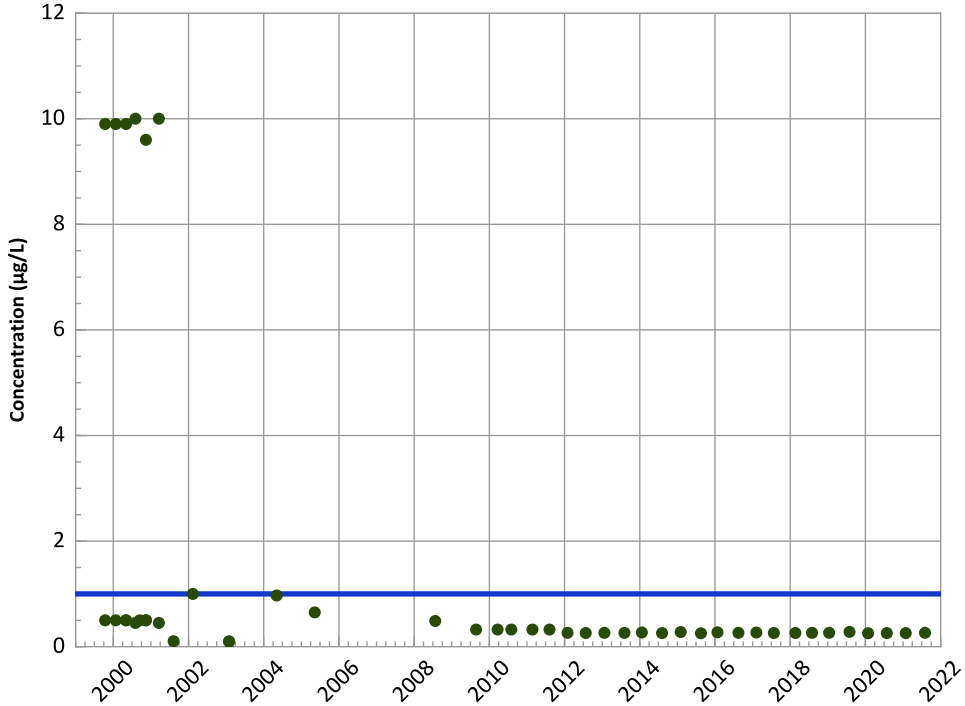


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

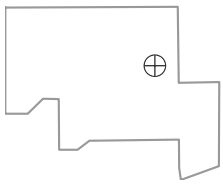
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

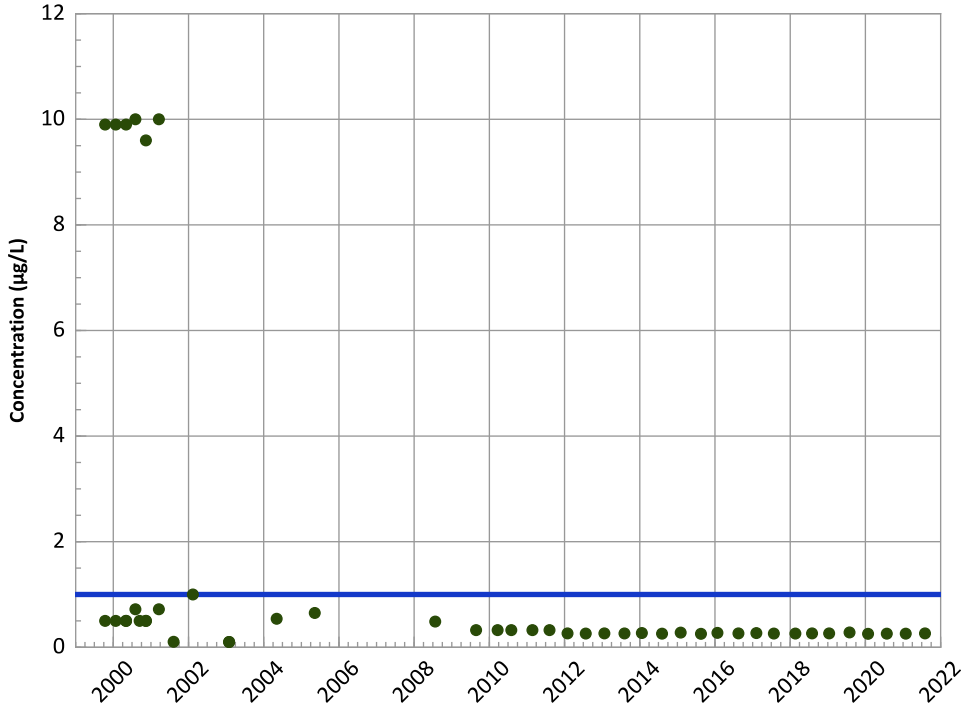
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

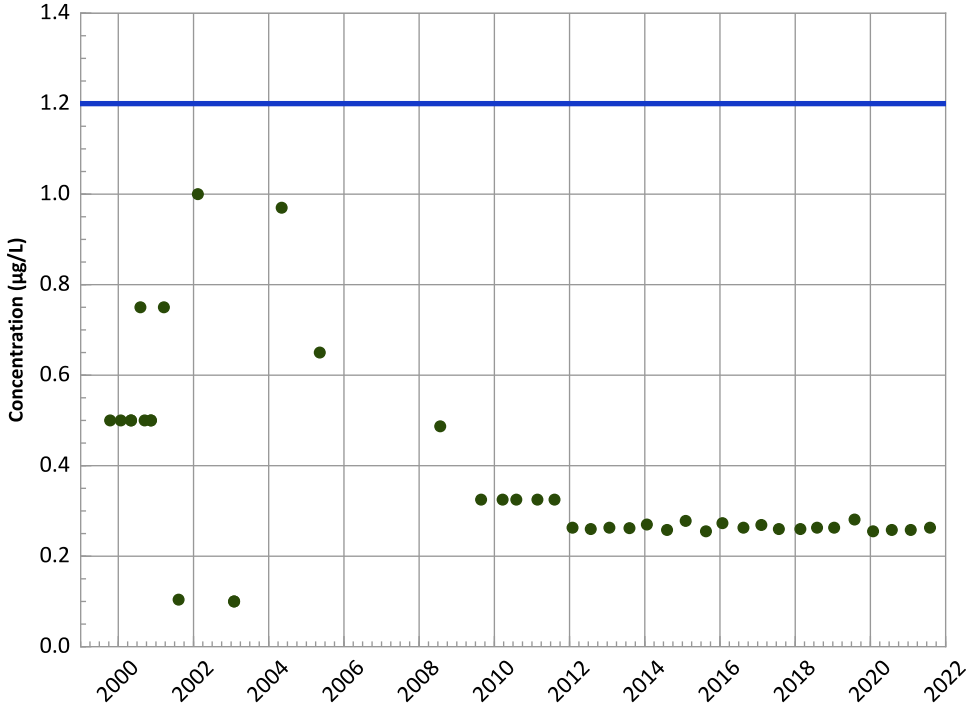


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

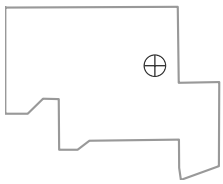


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

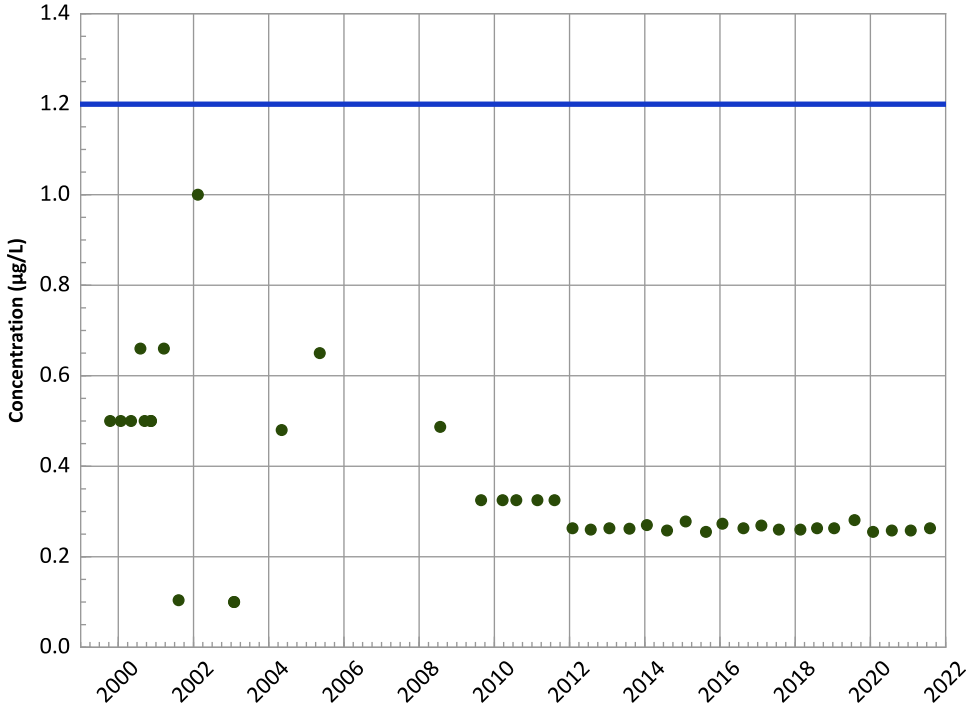


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

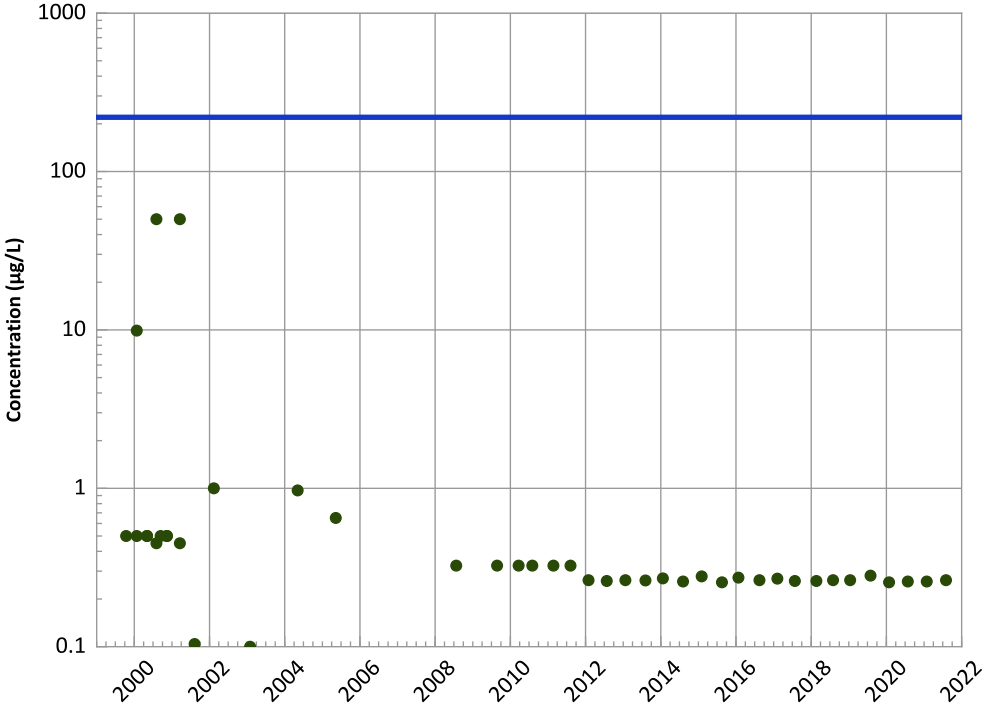


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

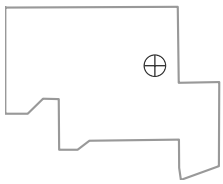
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

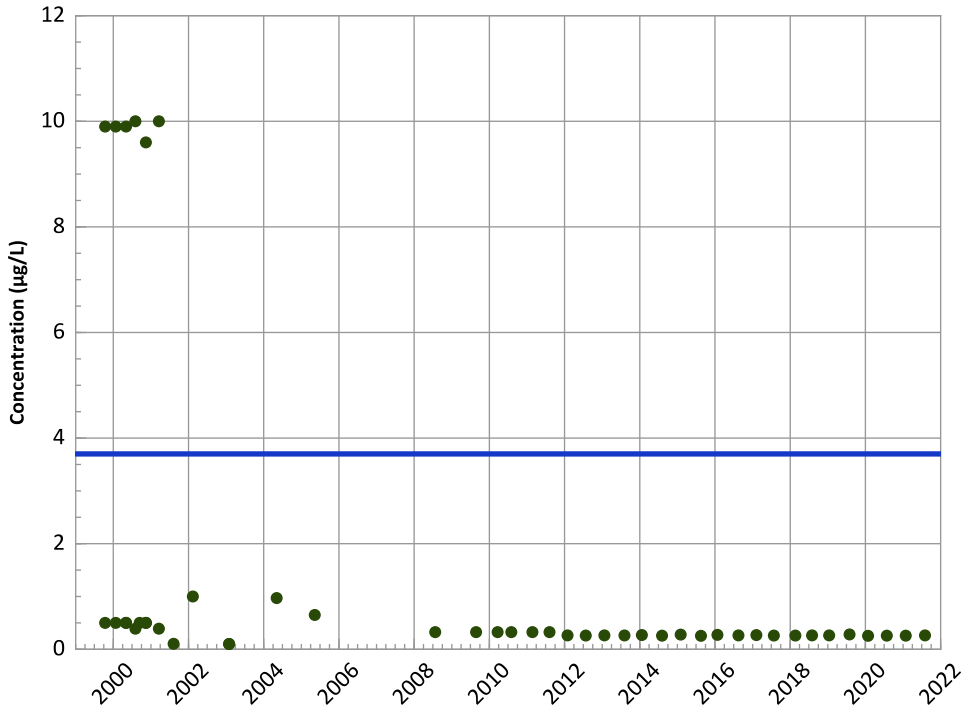
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

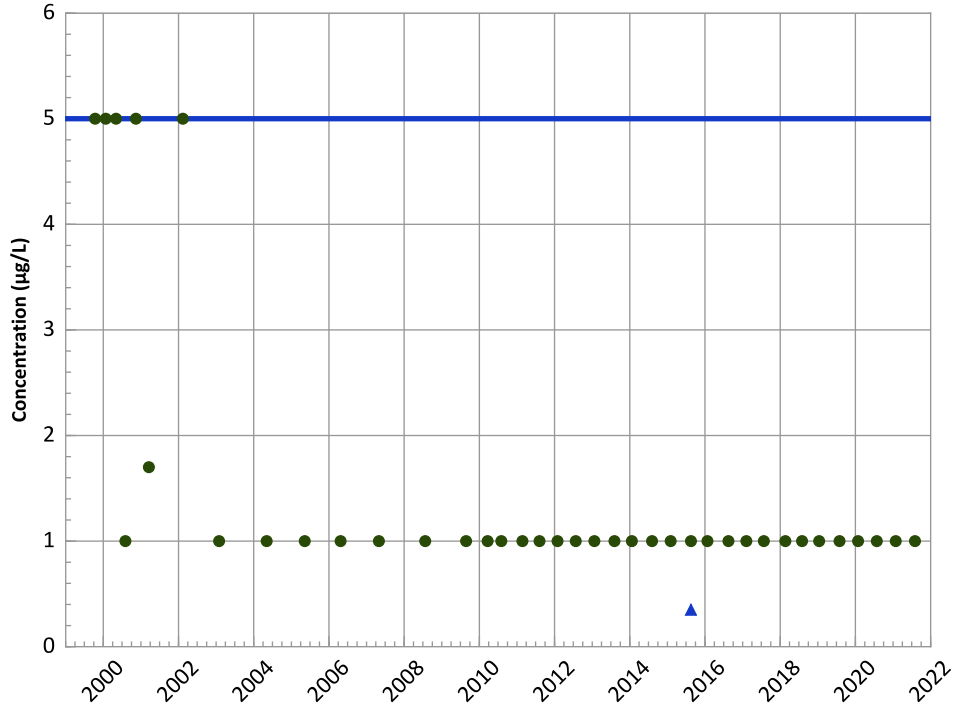


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

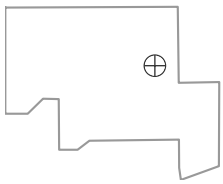
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

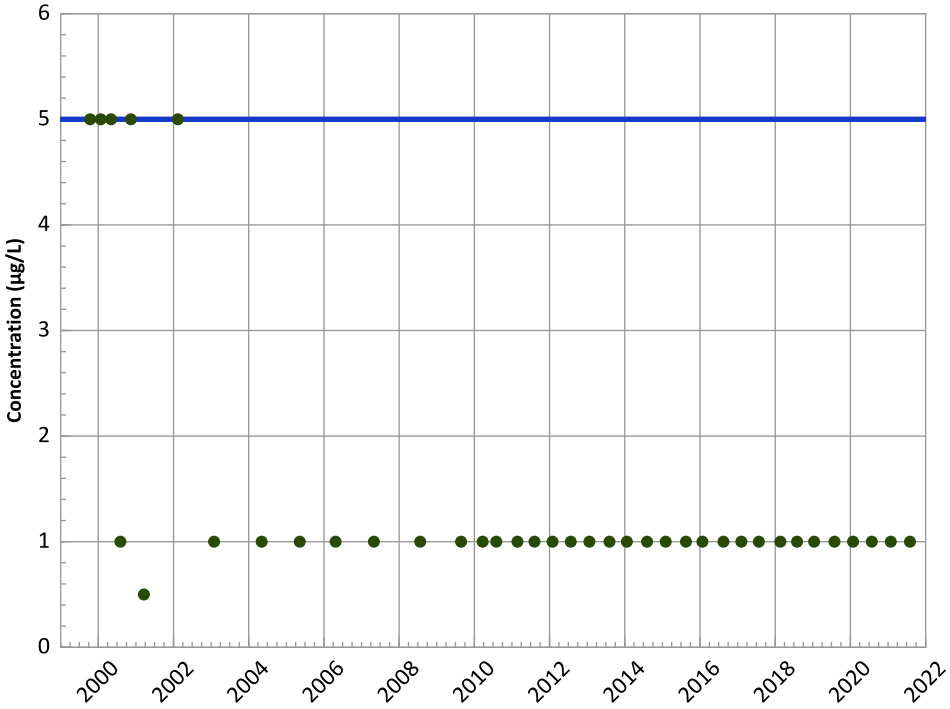
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

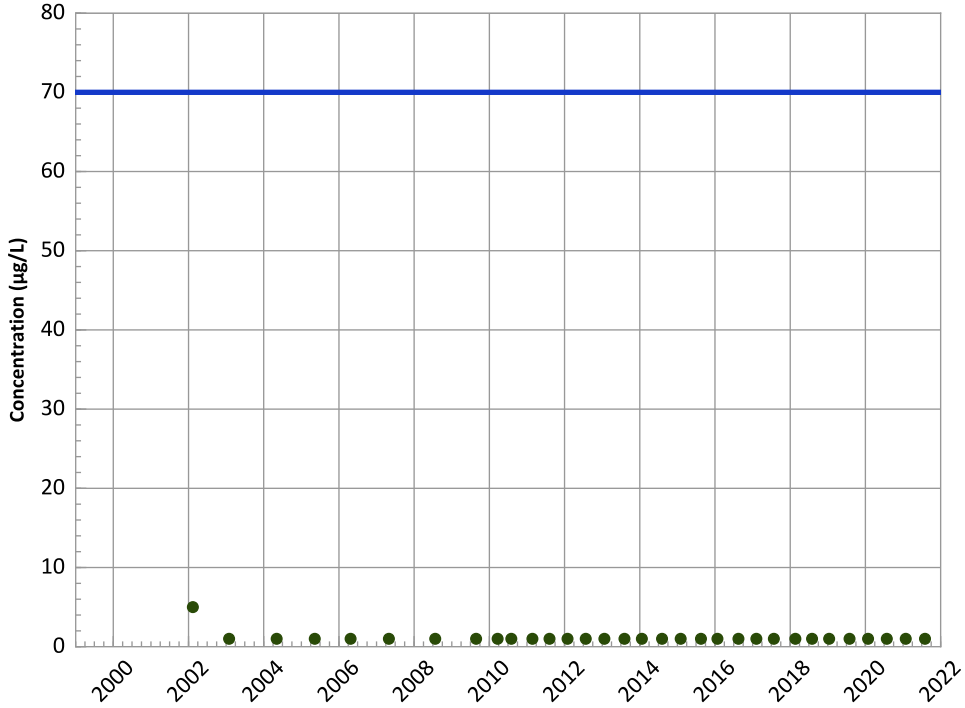


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend

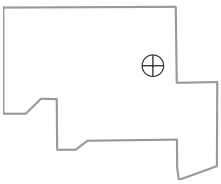


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

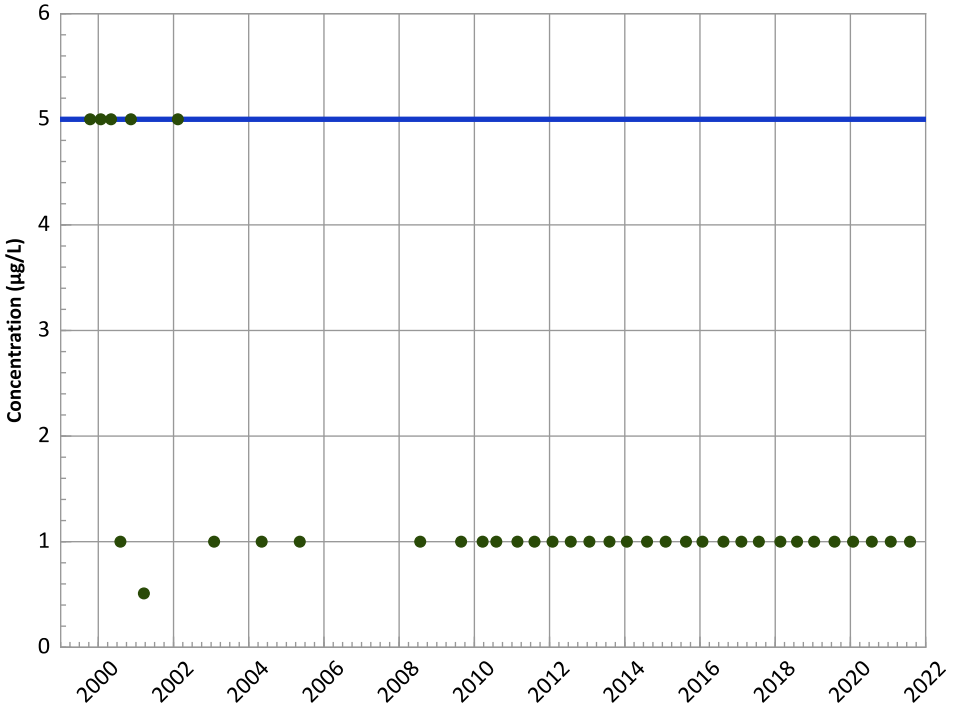


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

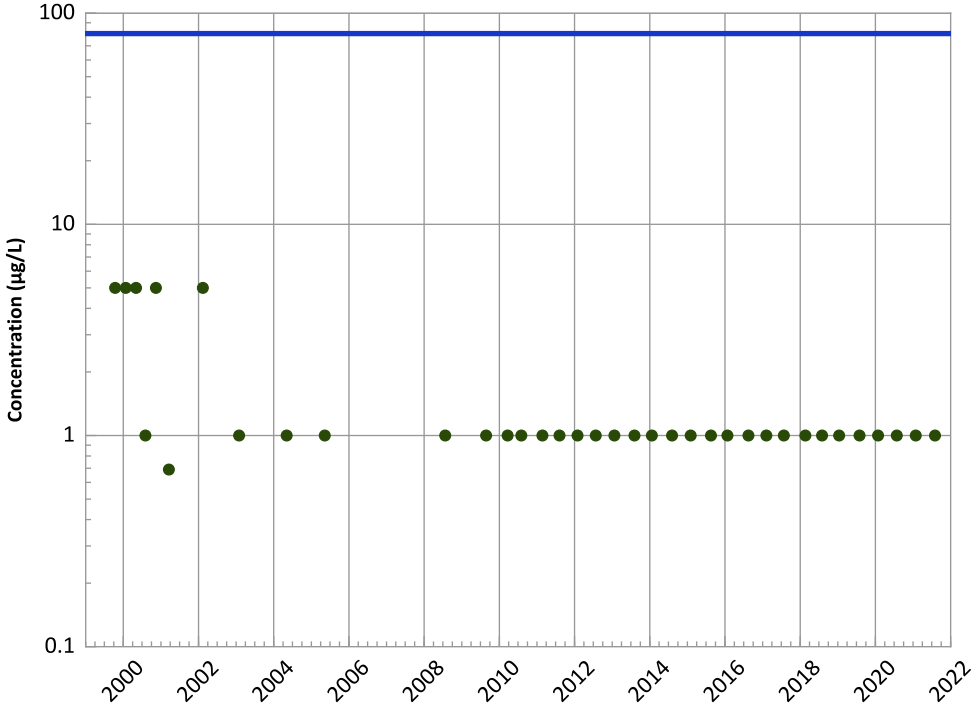


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend

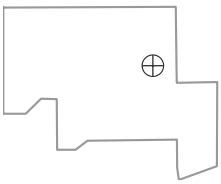


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

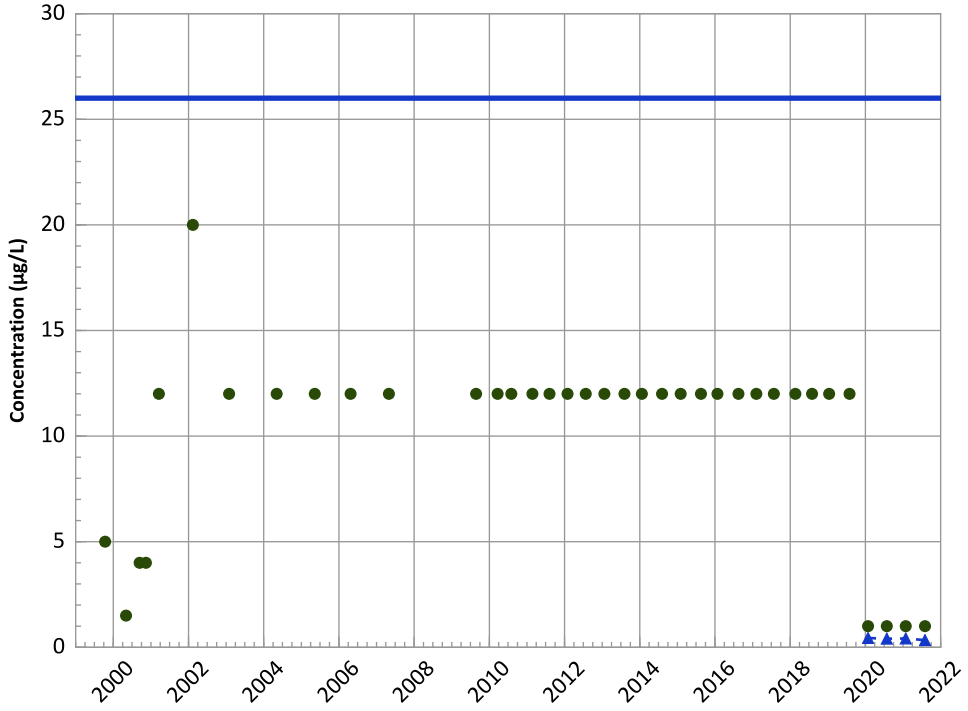


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

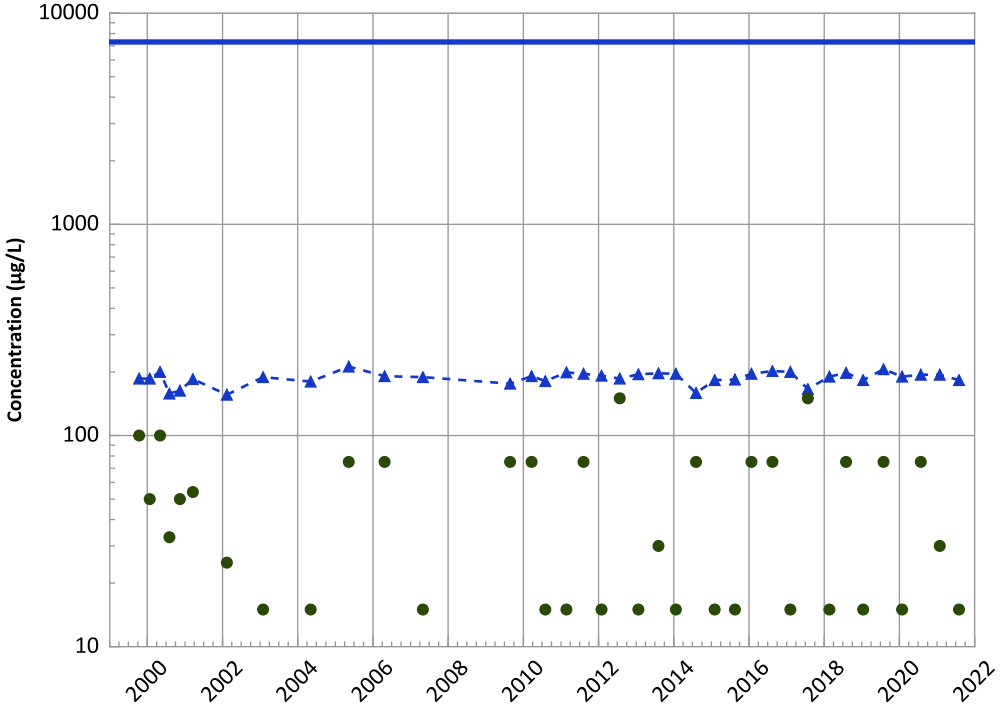


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Boron Trend



Concentration Trend

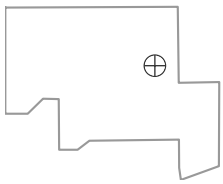
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

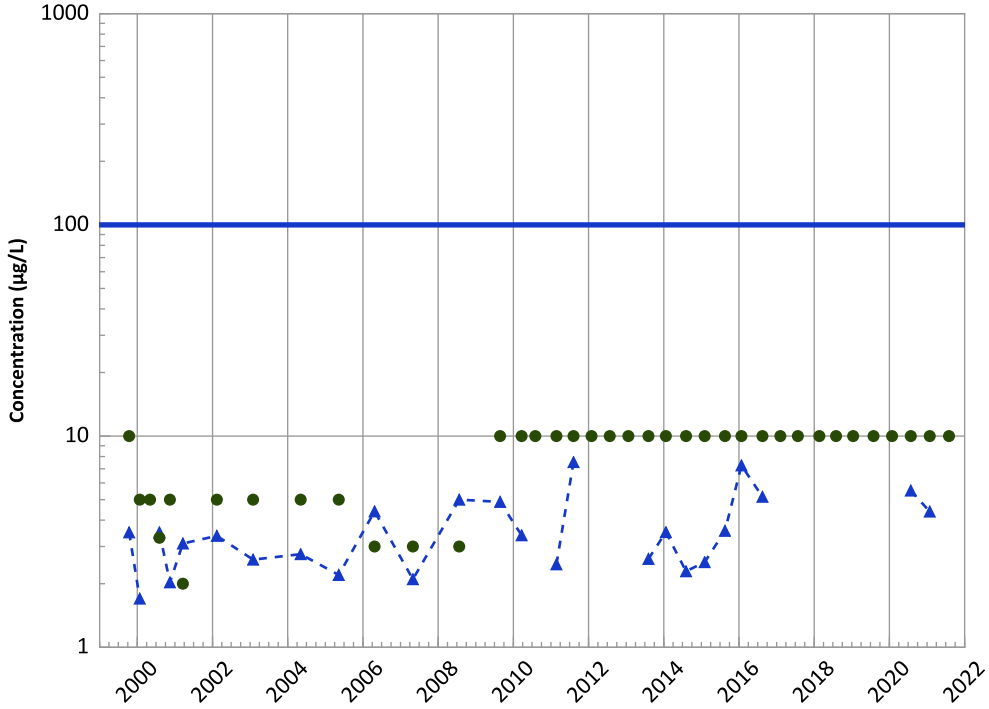
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

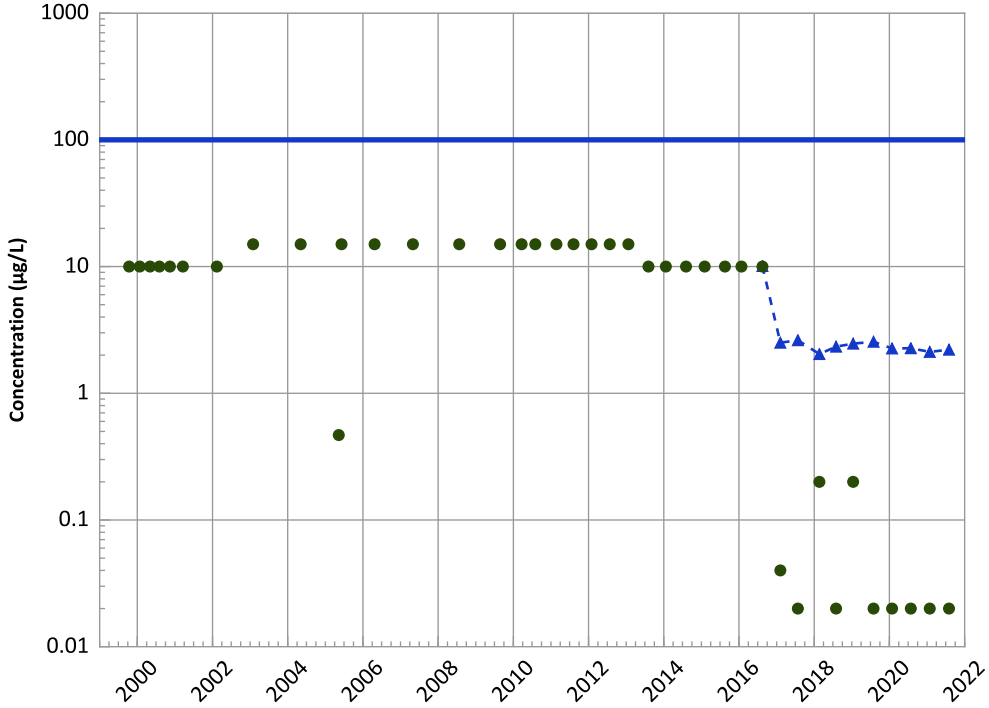


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Chromium, Hexavalent Trend

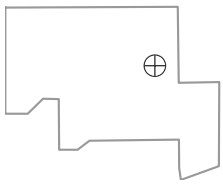


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Well Location

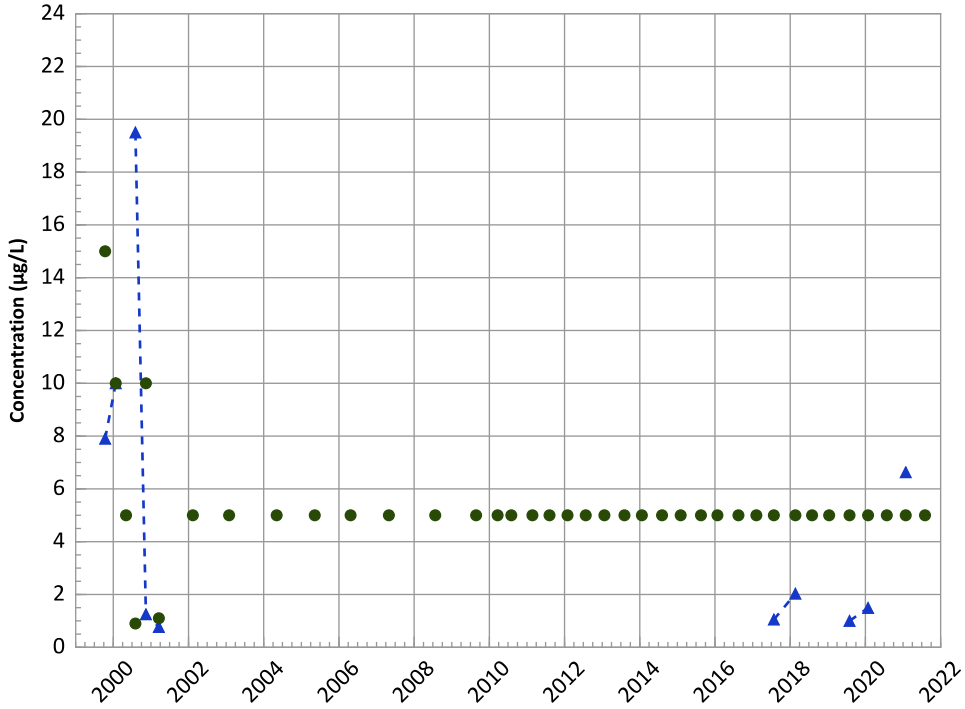


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

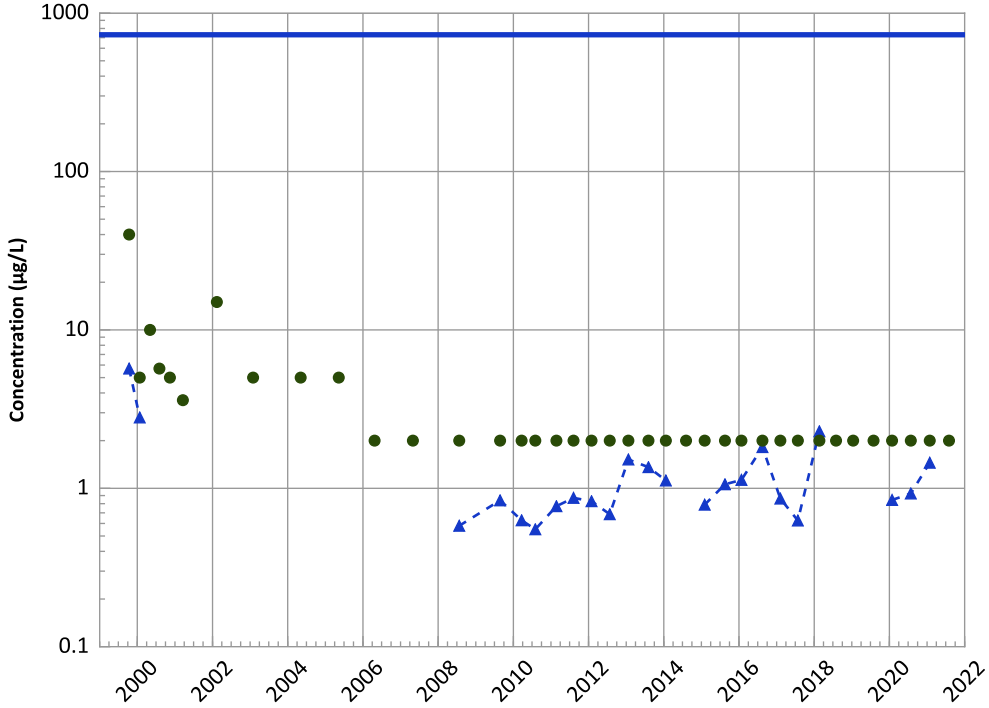


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Nickel Trend



Concentration Trend

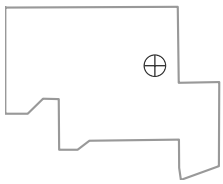
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

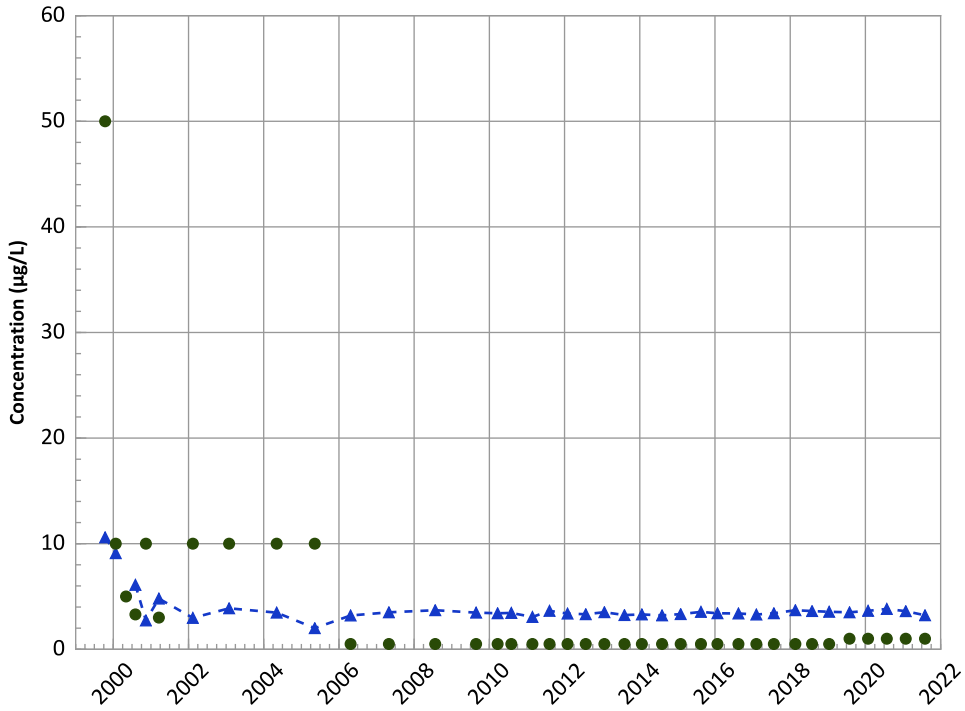
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

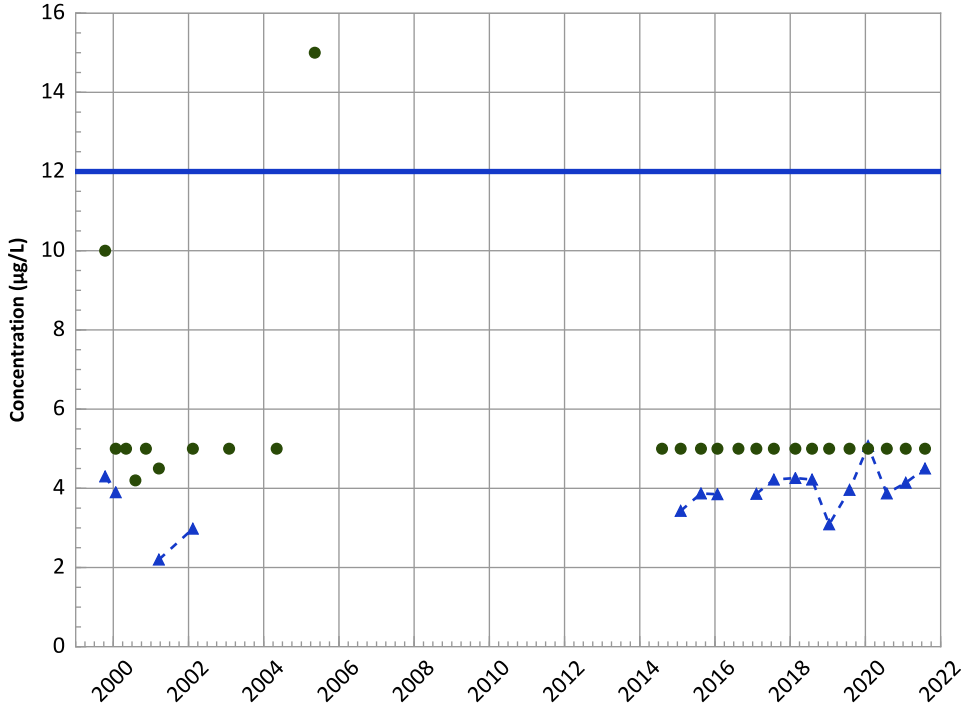


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Arsenic Trend



Concentration Trend

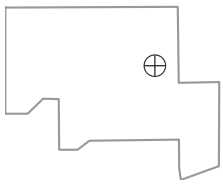
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

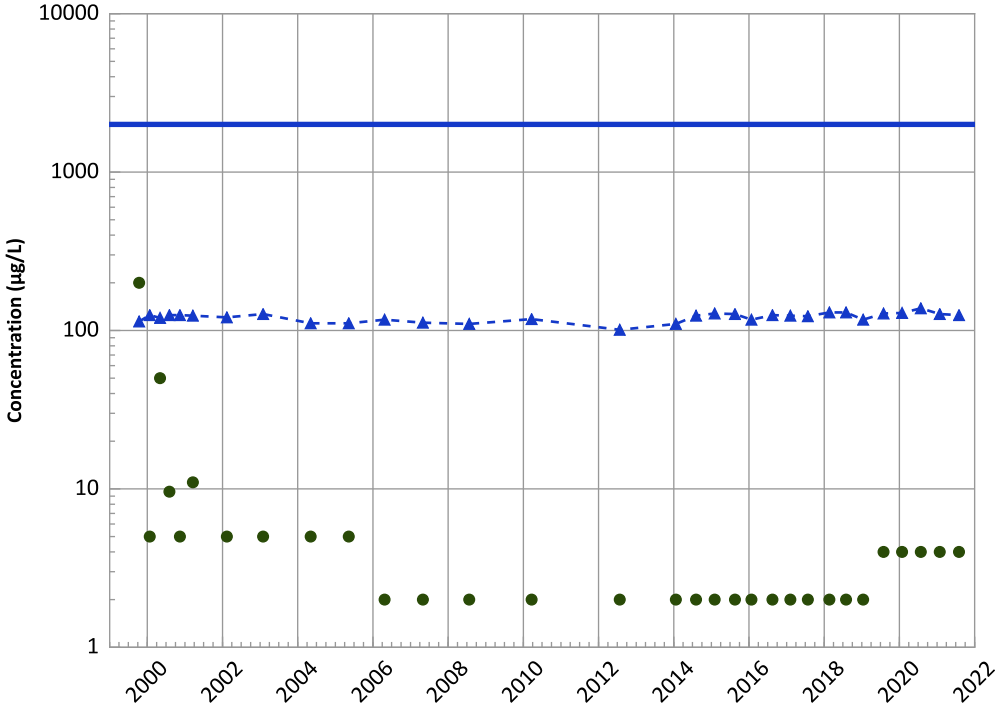
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

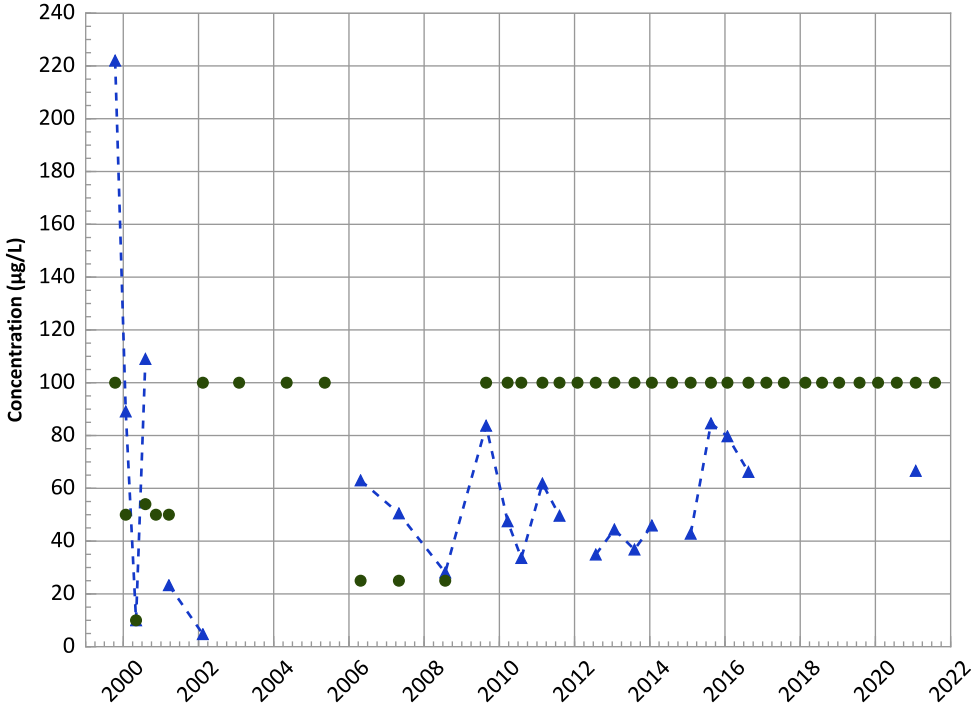


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

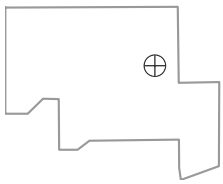
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

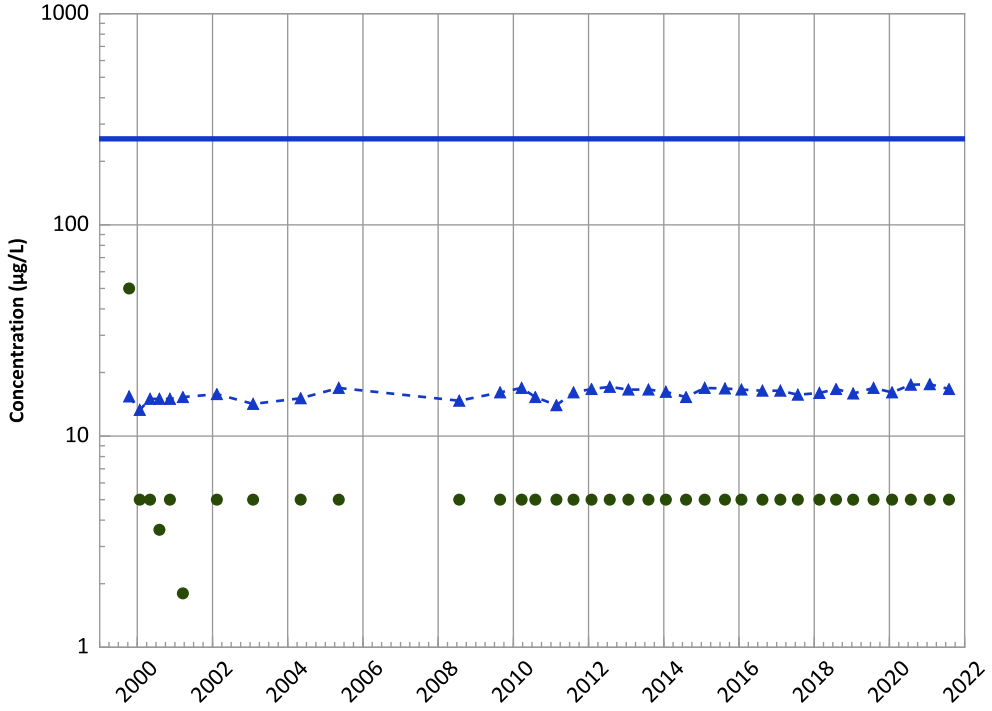
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1043 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

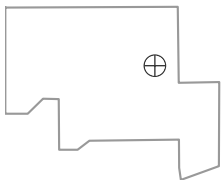
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

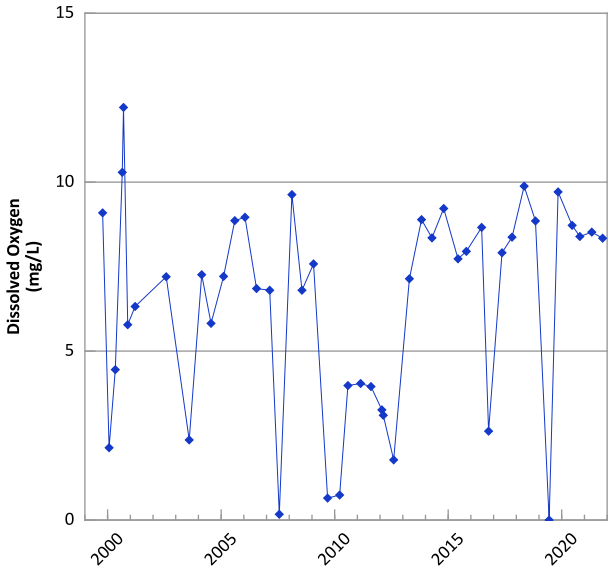
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/1999 to 08/02/2021
Analysis Date: 04/29/2022

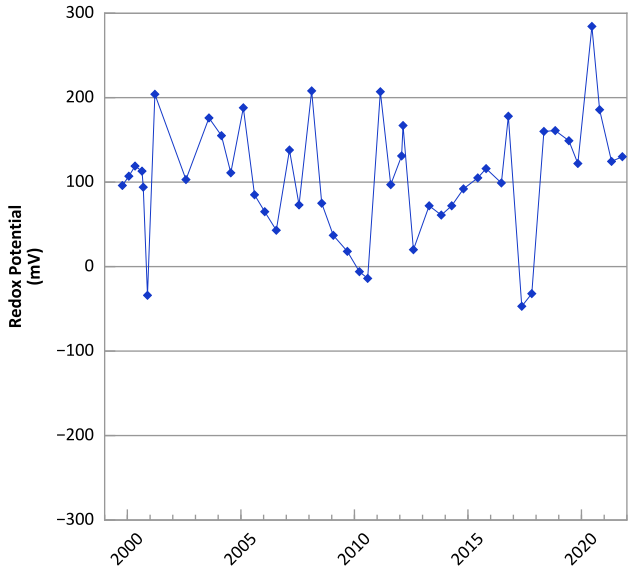
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

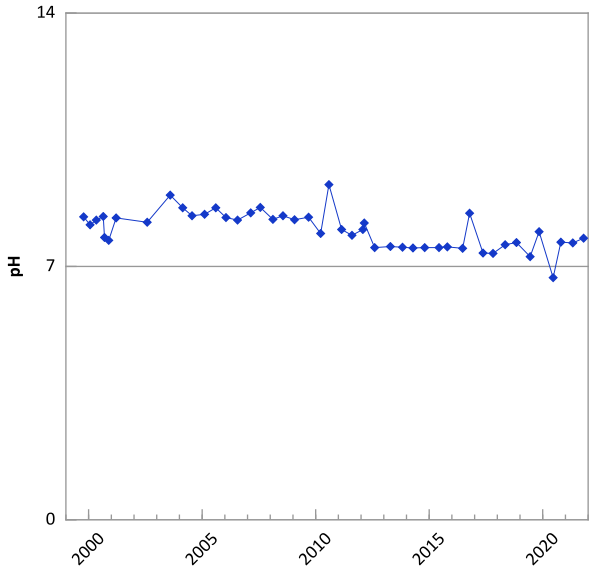
Well Location

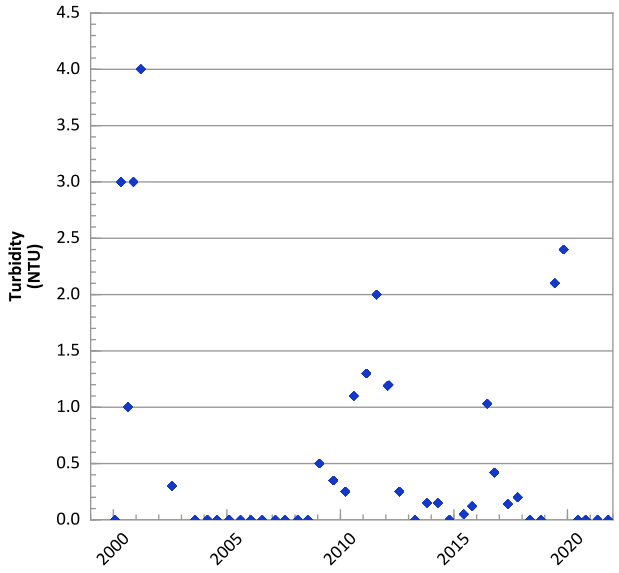


PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



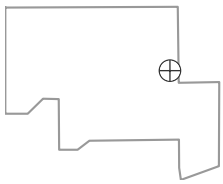






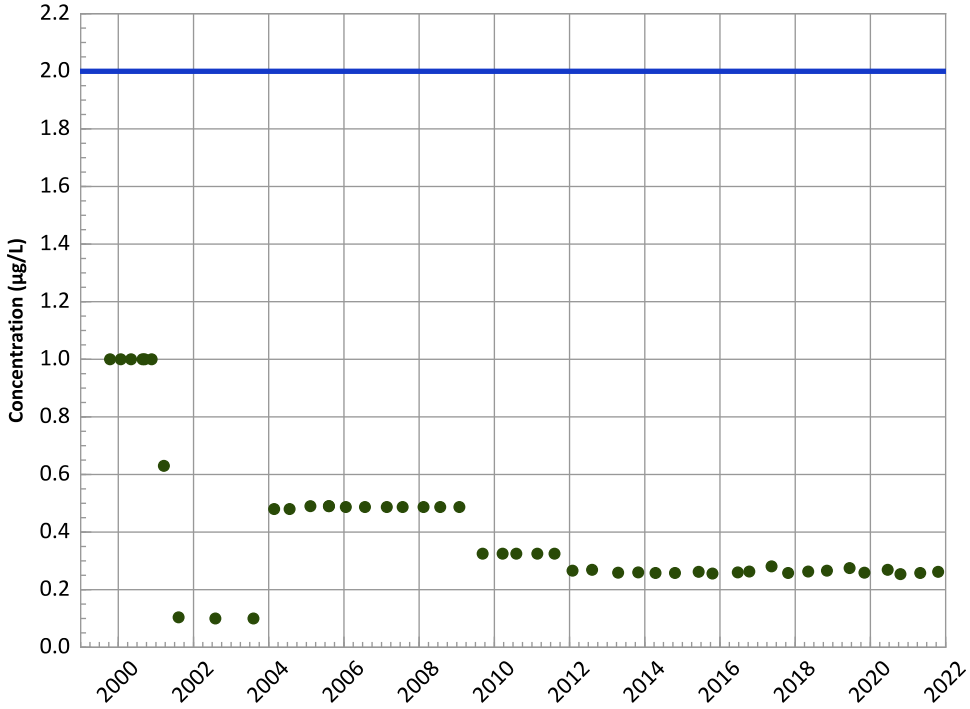
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

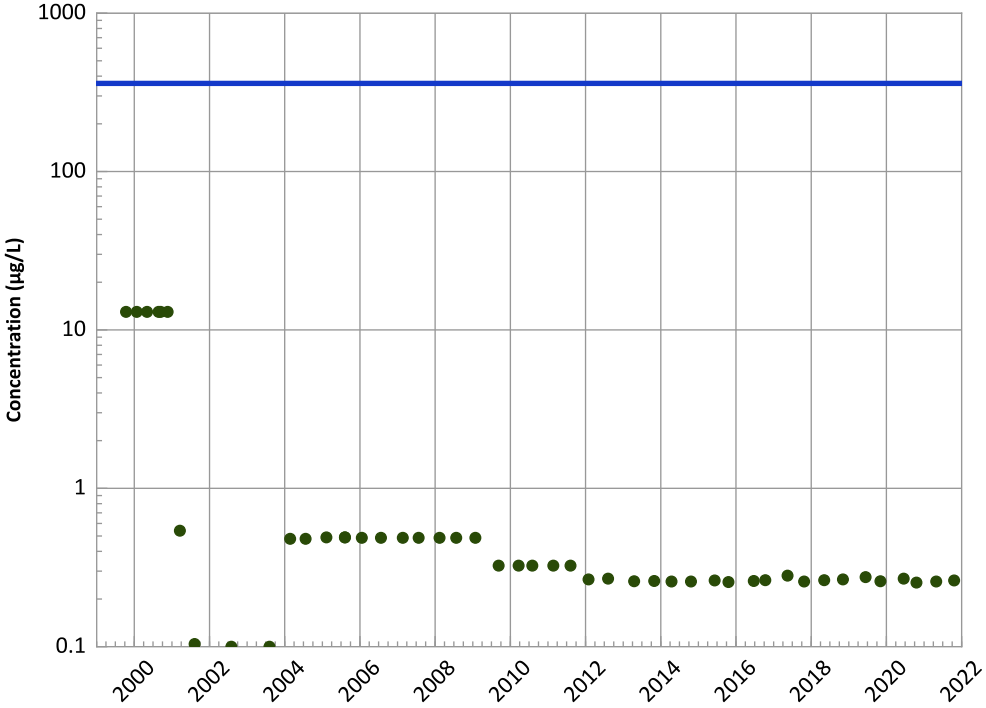


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

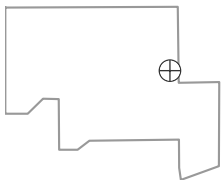
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

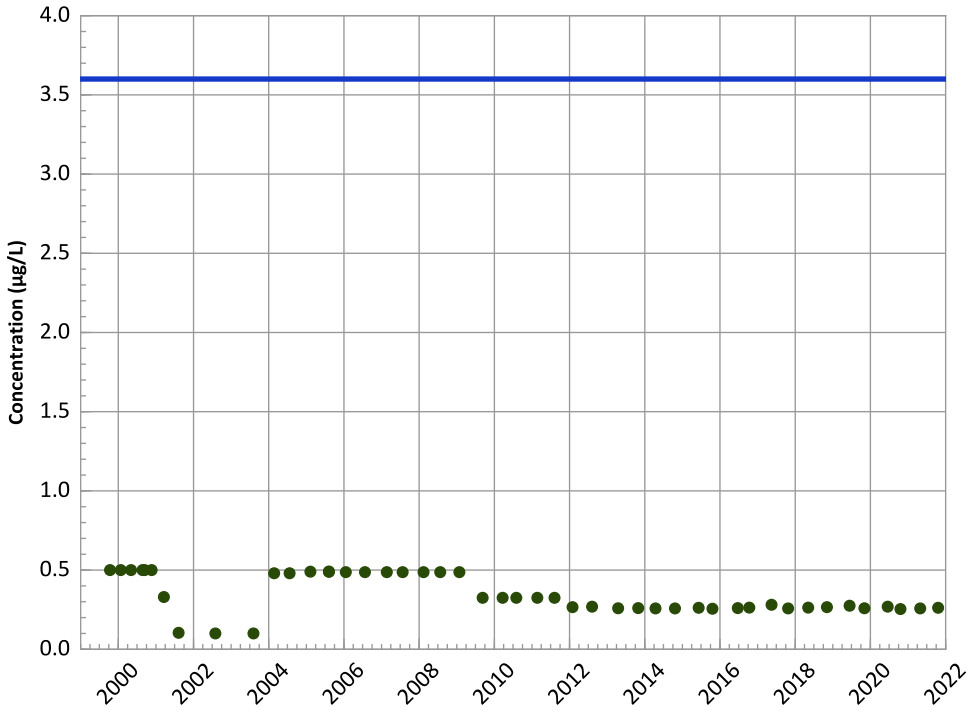
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

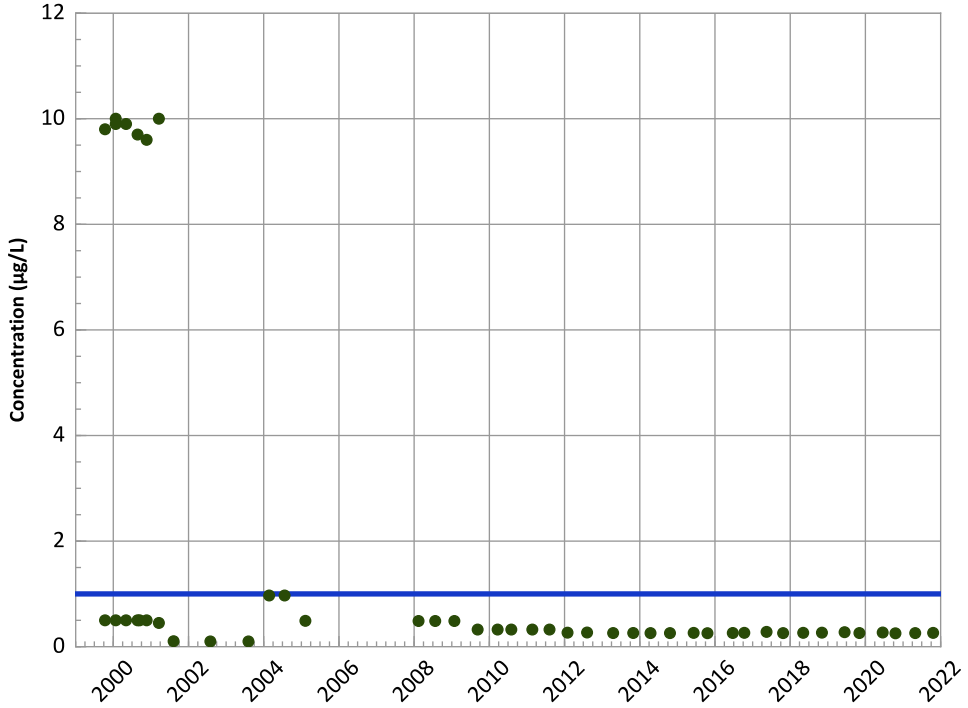


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

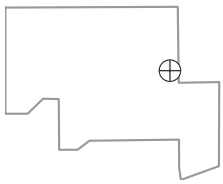
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

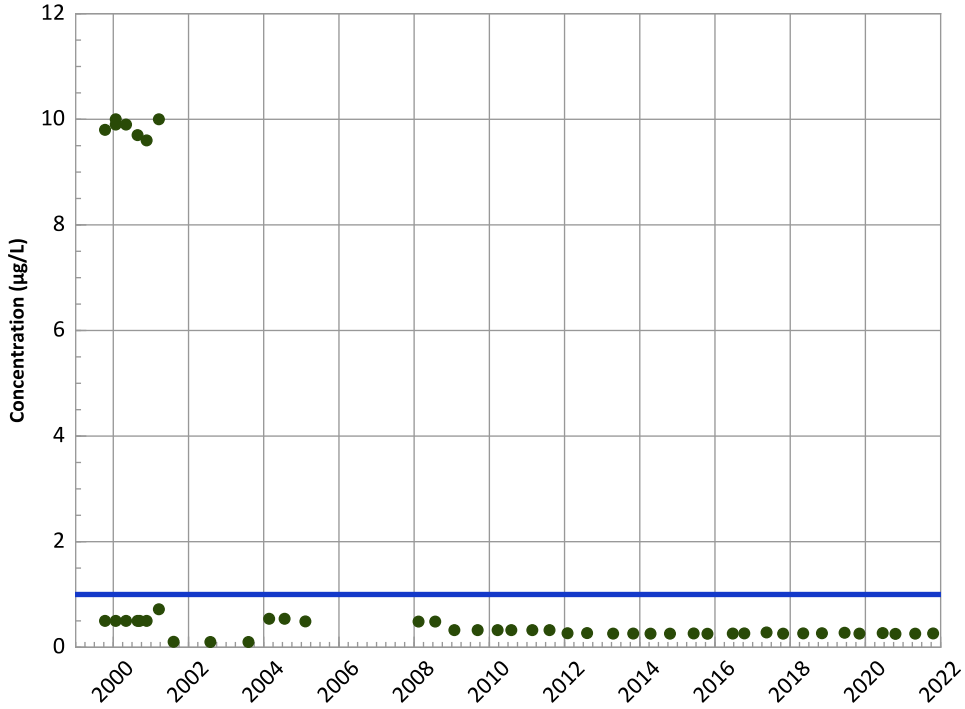
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

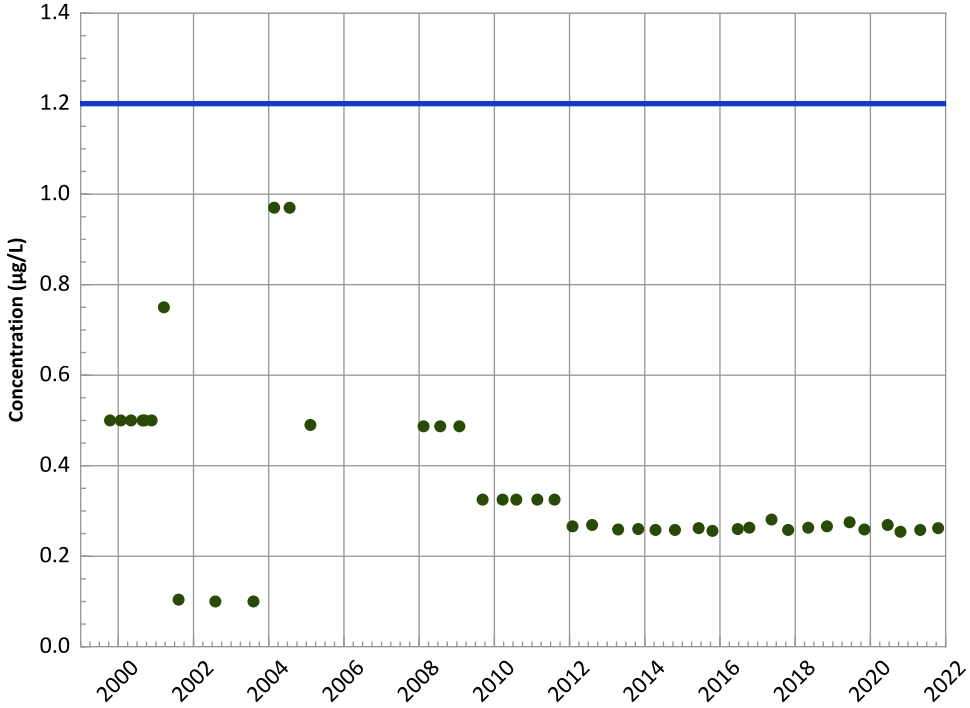


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

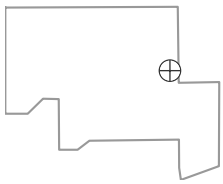


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

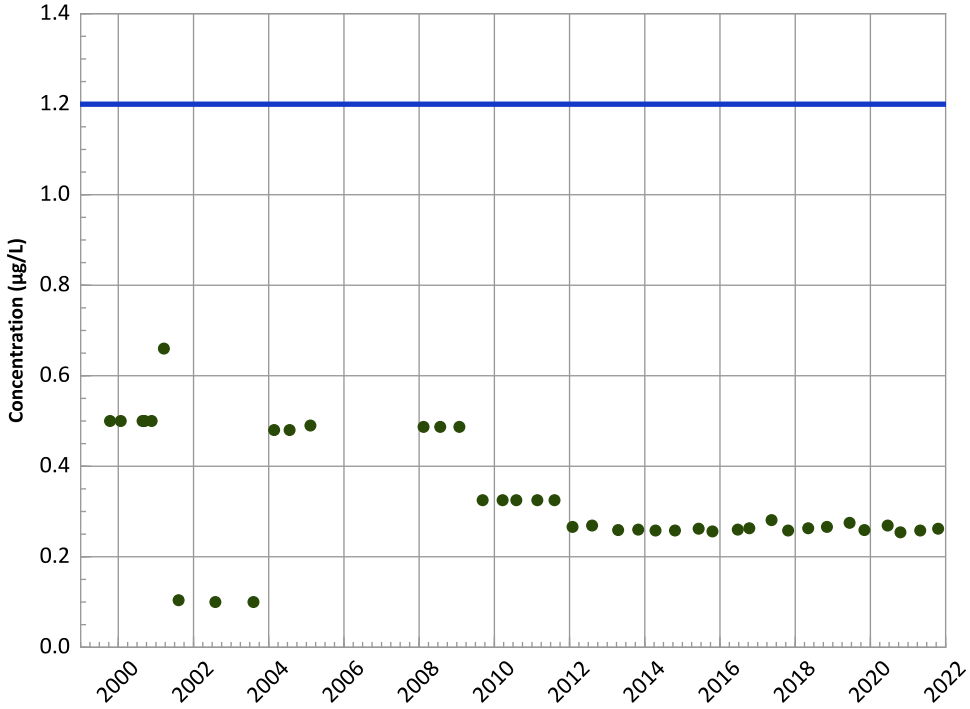


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

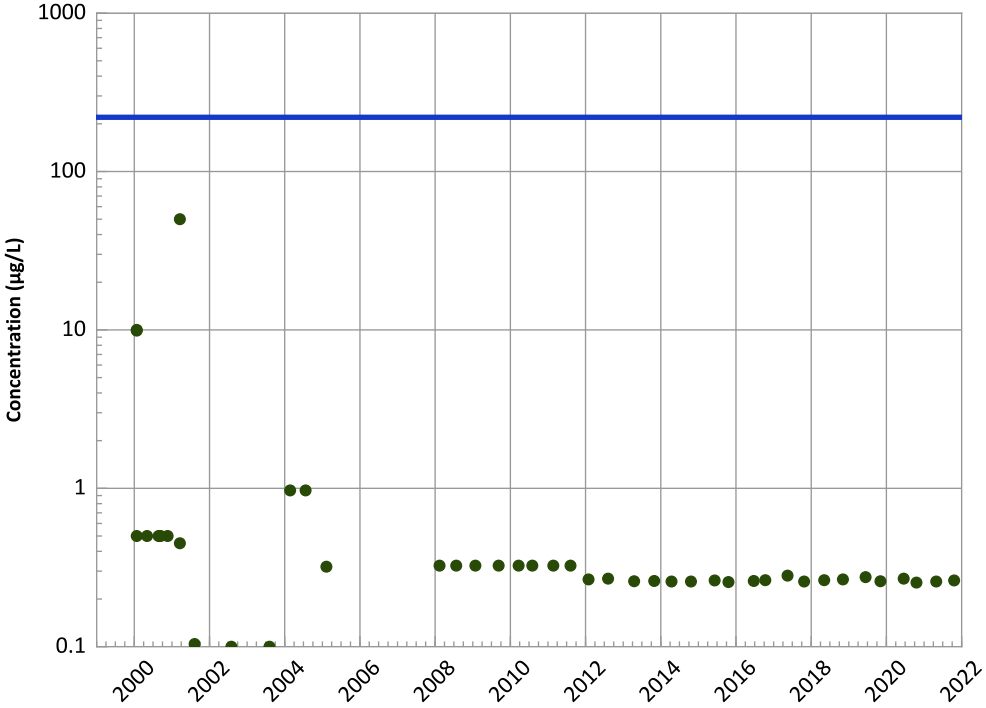


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

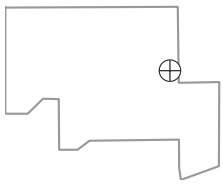
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

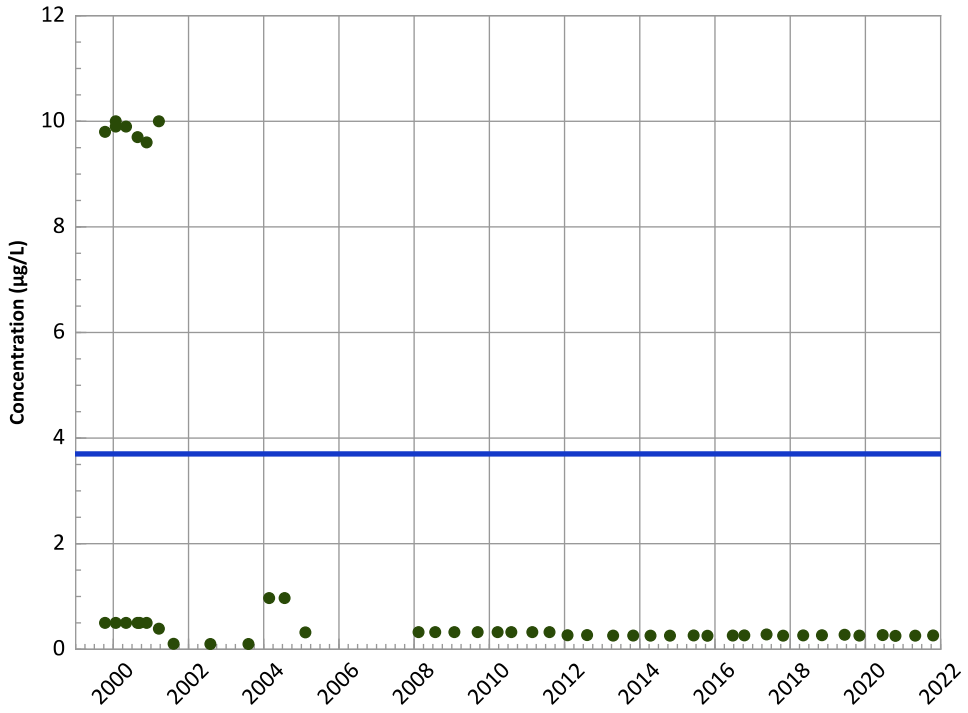
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

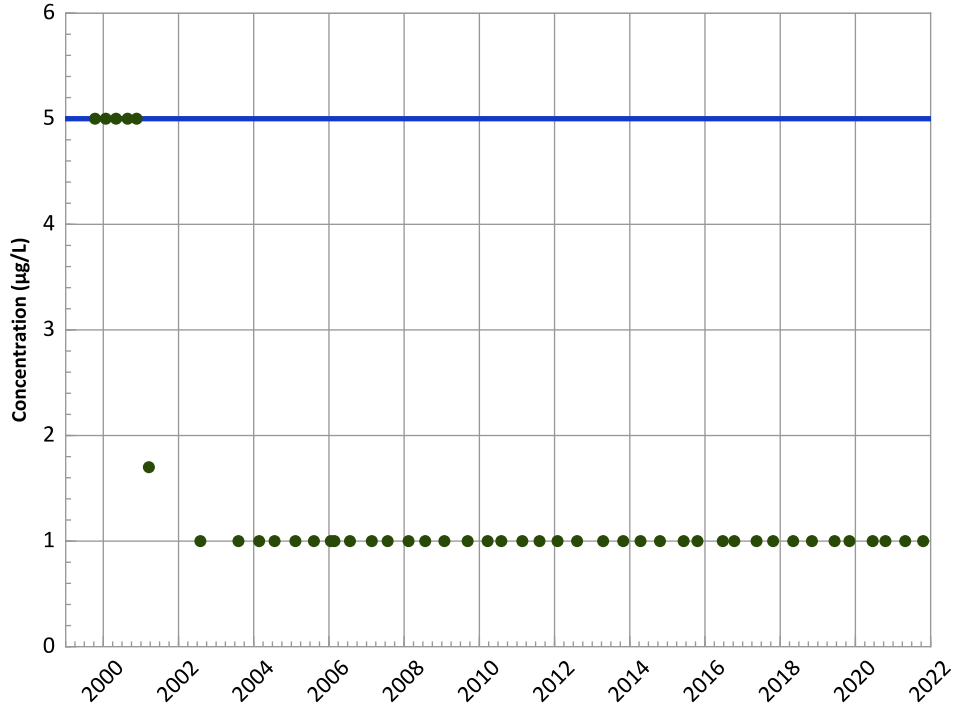


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

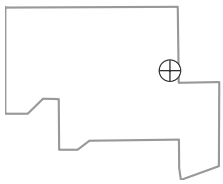
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

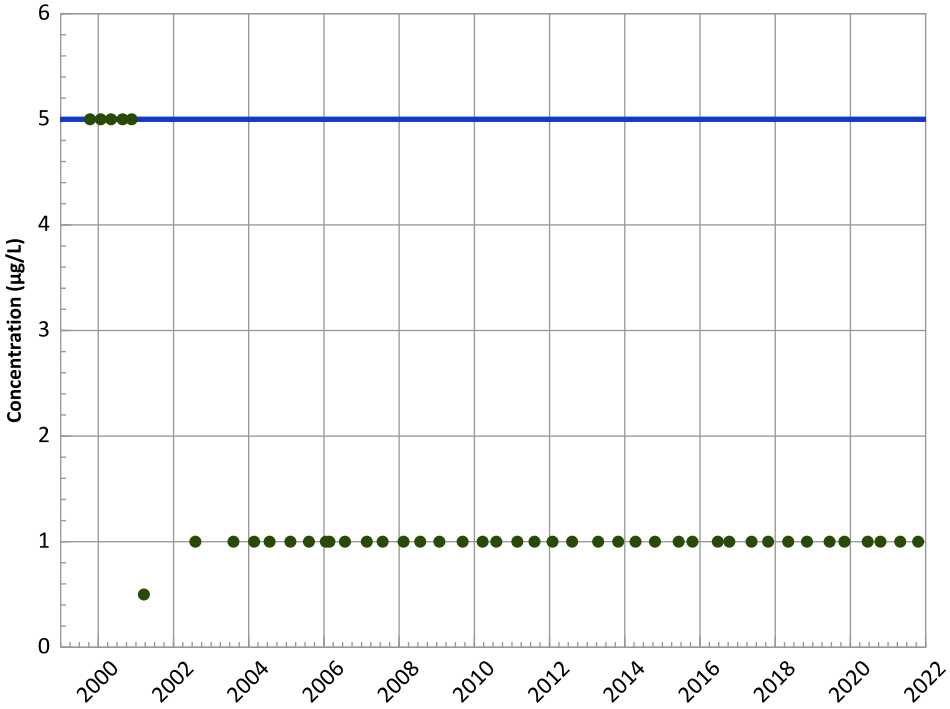
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

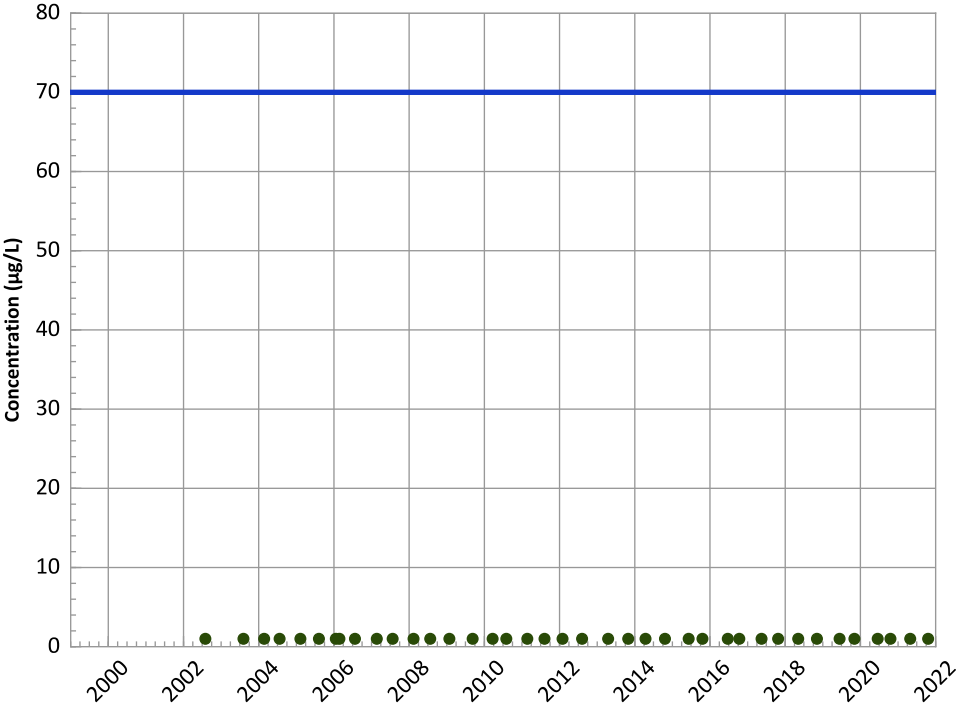


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend

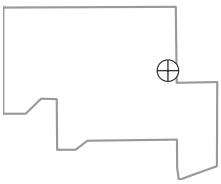


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

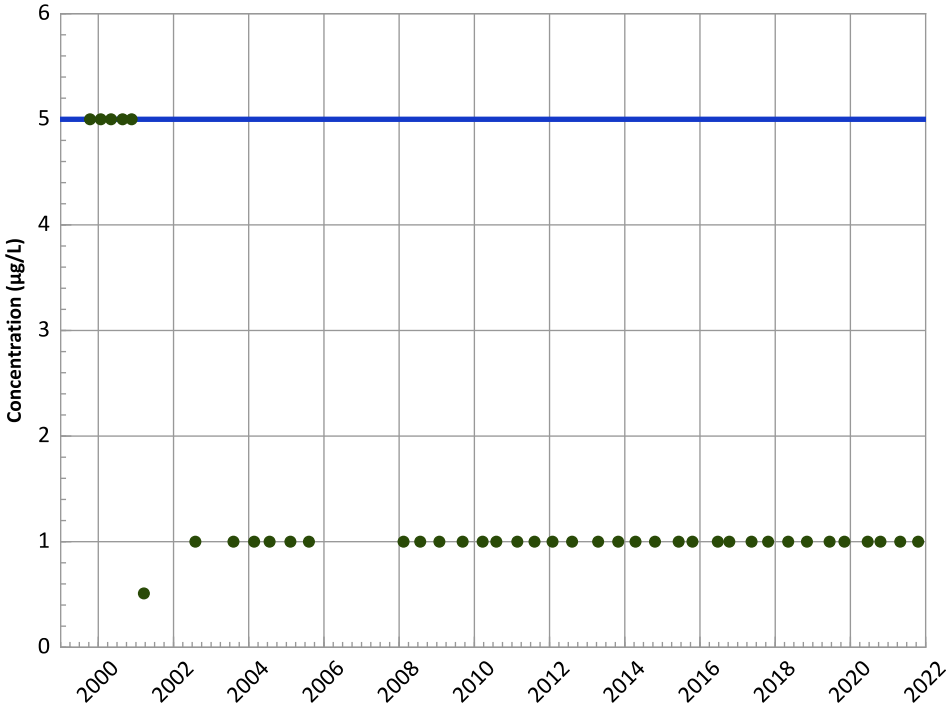


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

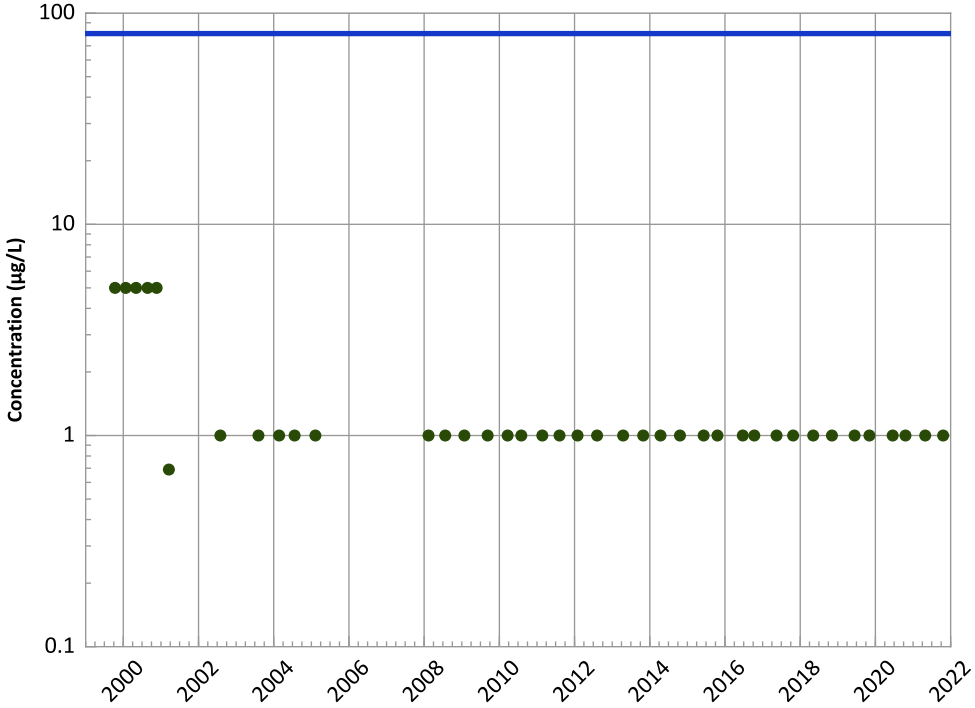


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend

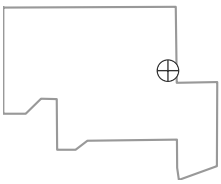


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

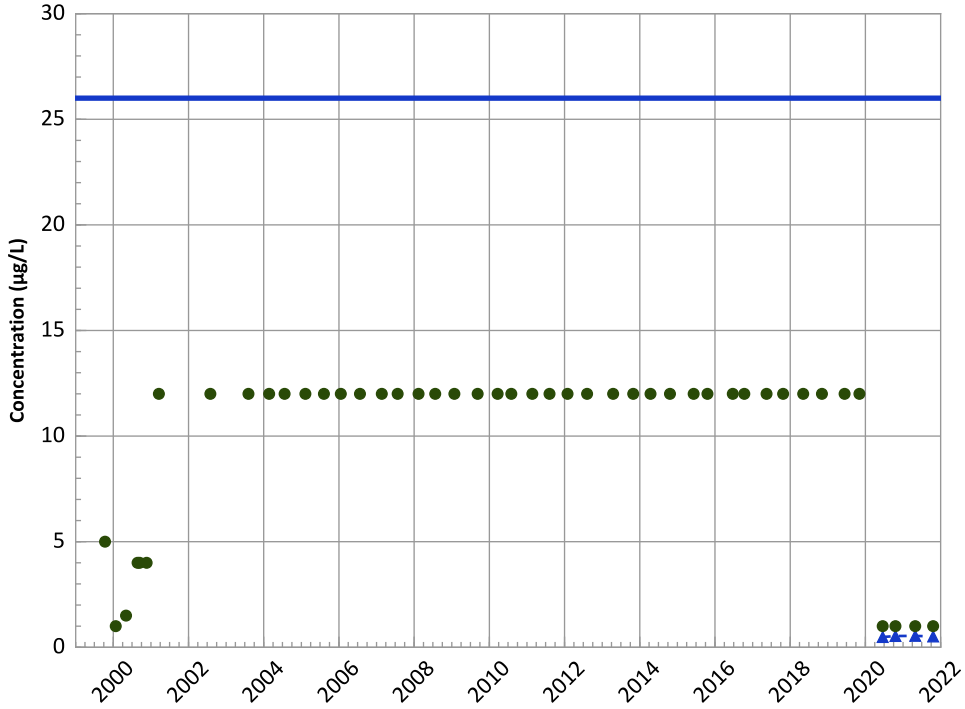


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

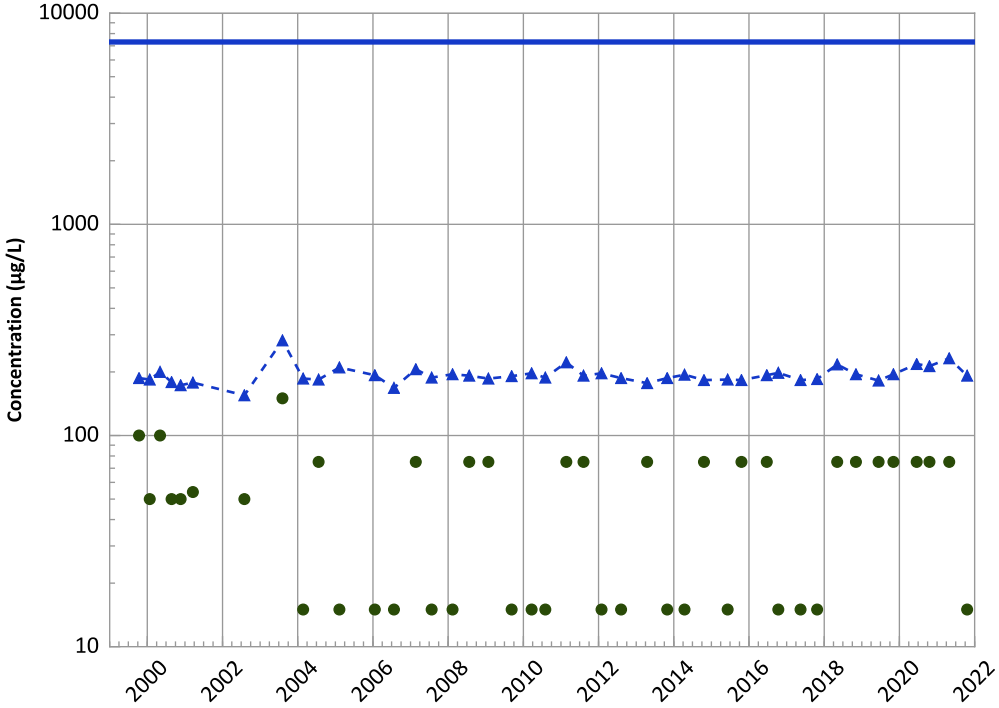


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

Boron Trend



Concentration Trend

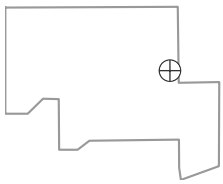
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

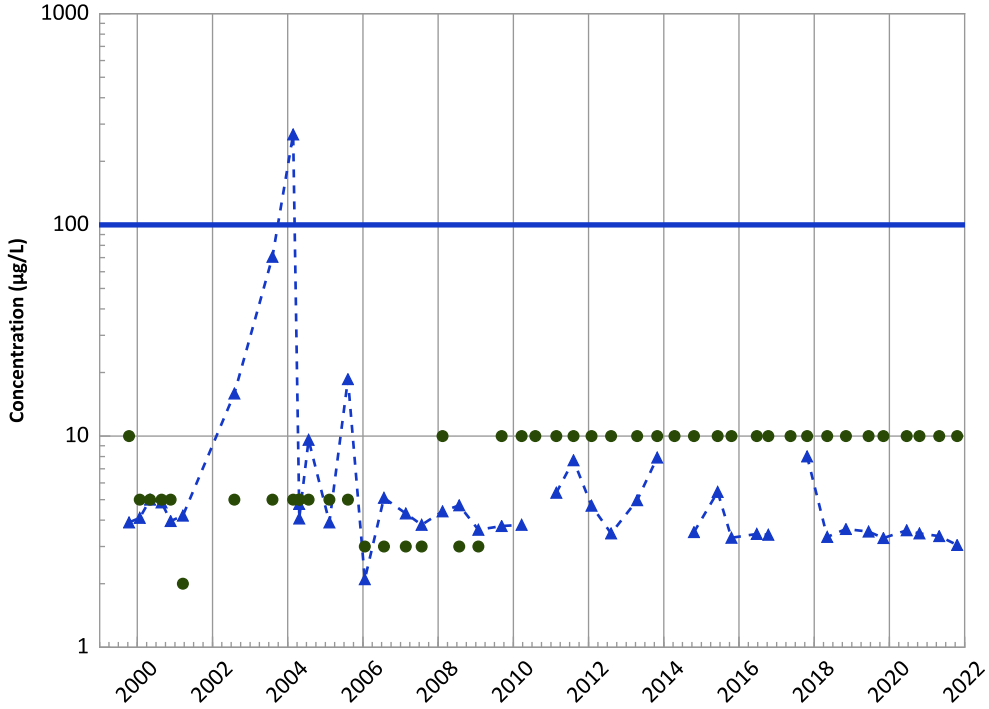
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

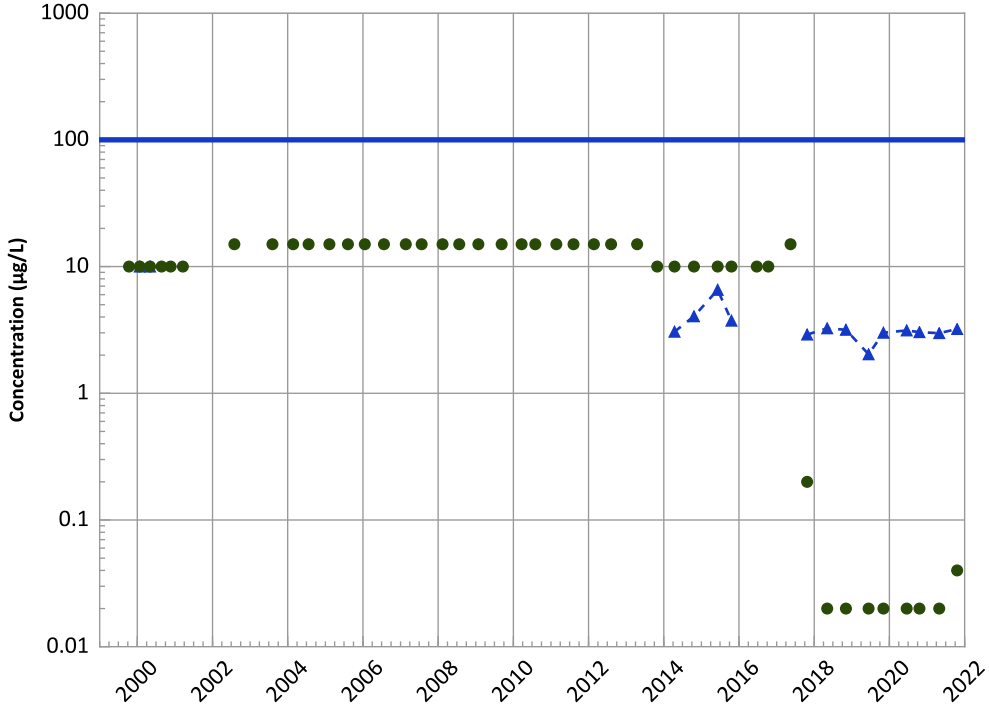


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Chromium, Hexavalent Trend



Concentration Trend

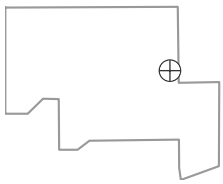
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

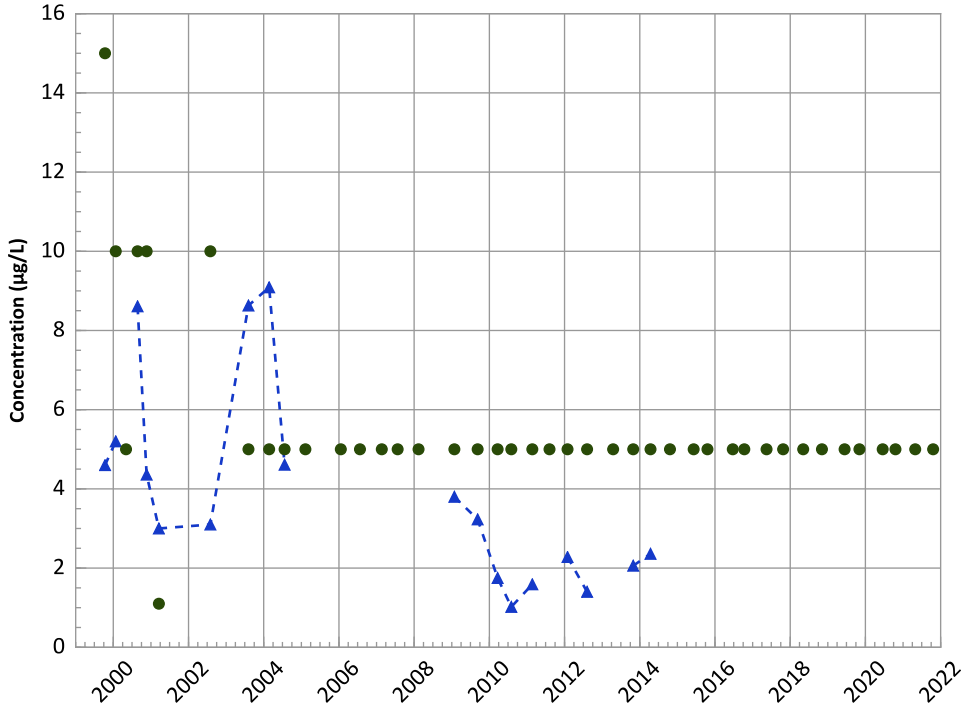
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

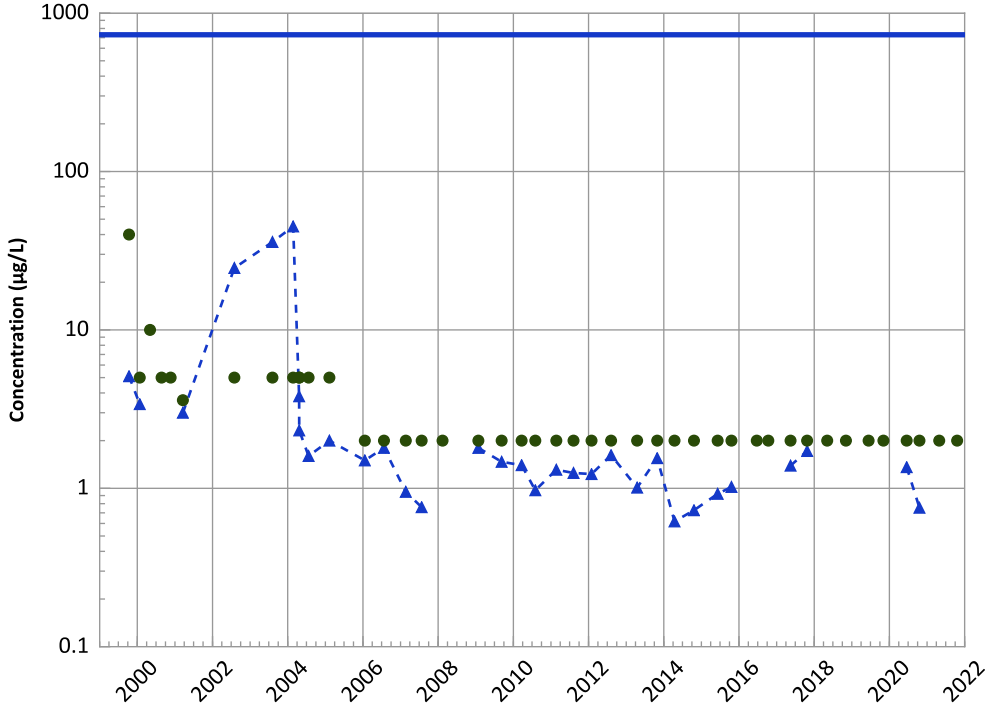


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Nickel Trend



Concentration Trend

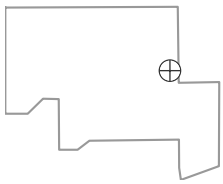
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

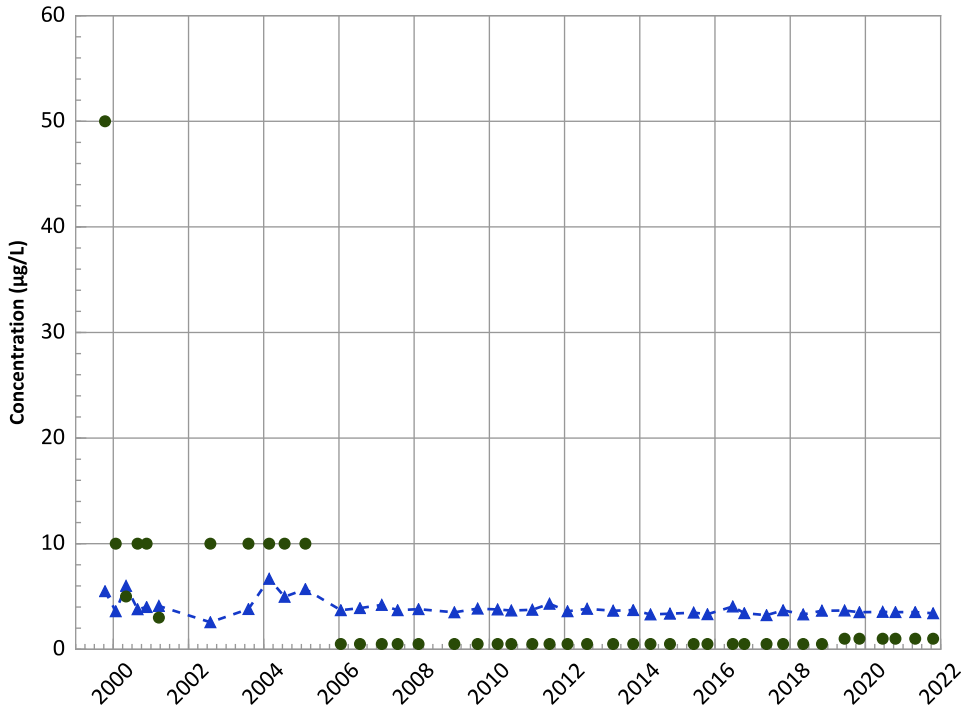
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

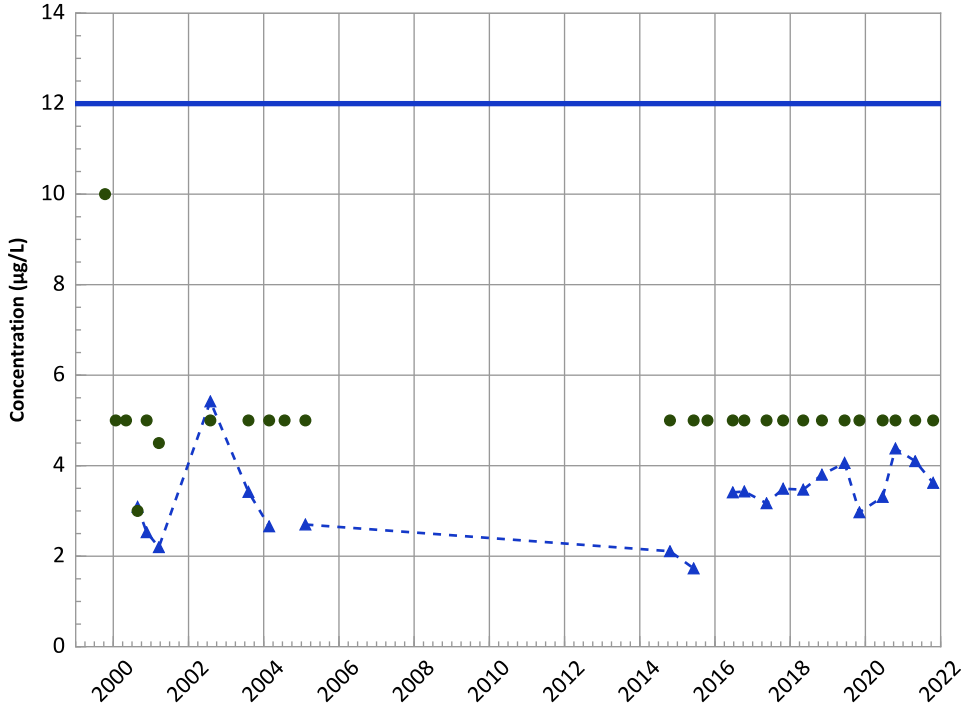


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Arsenic Trend



Concentration Trend

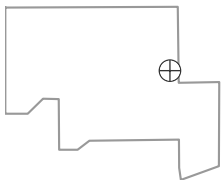
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

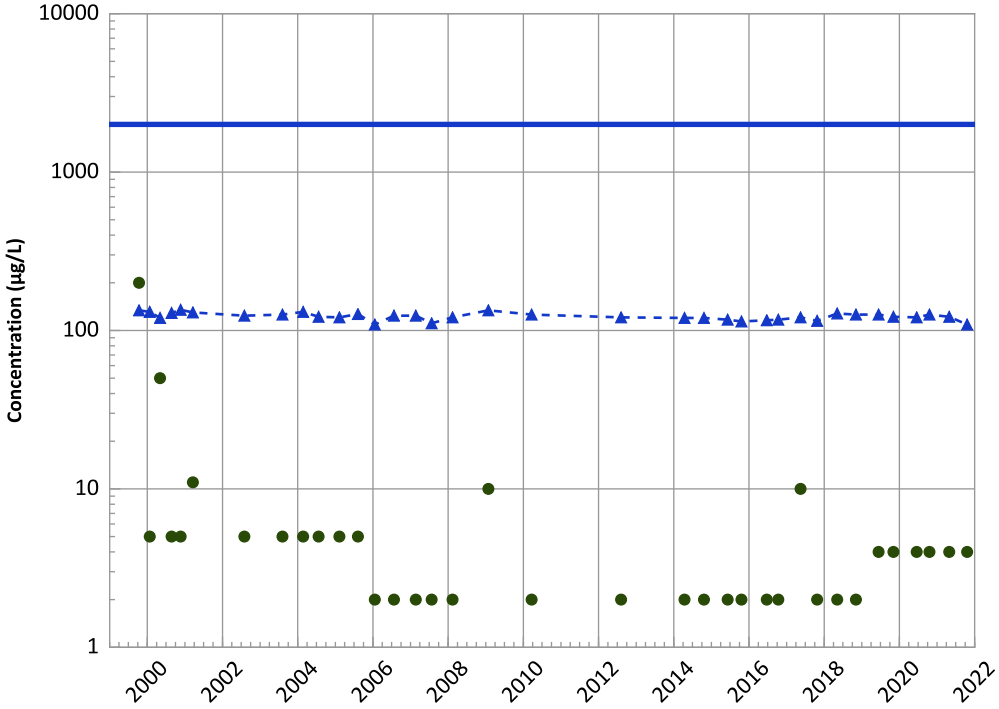
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

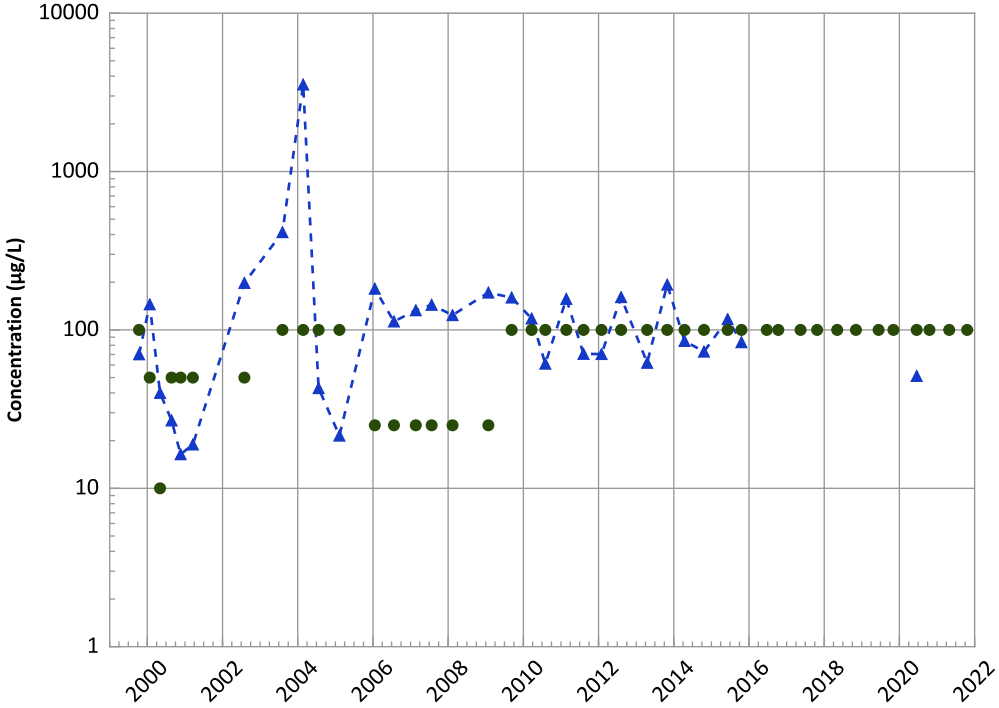


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

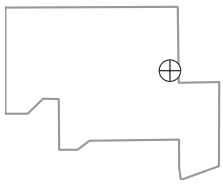
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

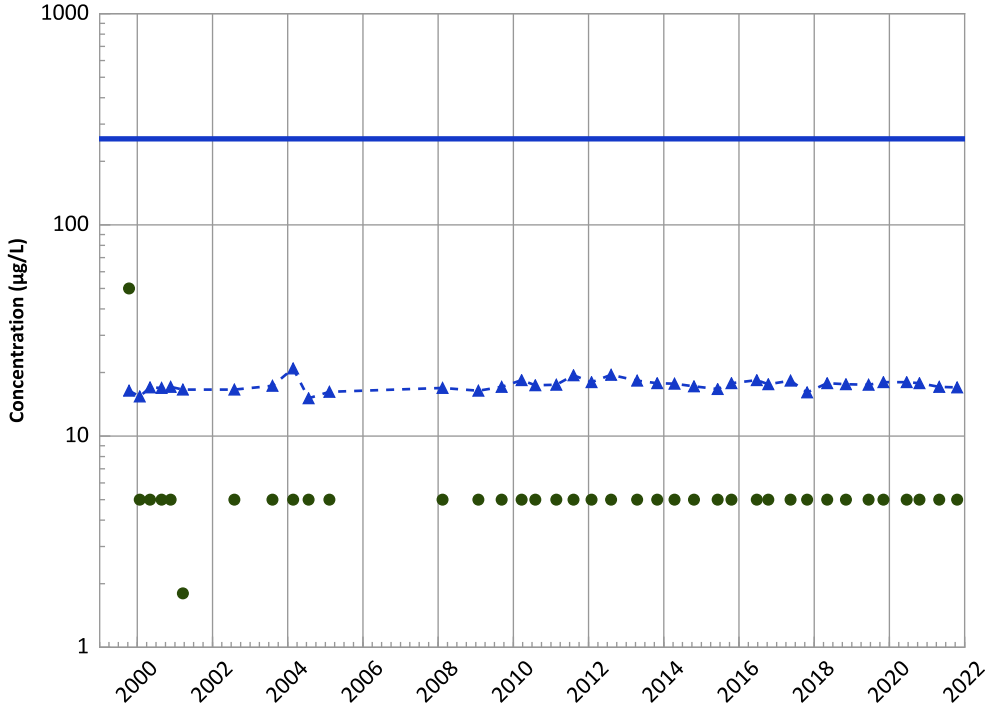
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1044 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

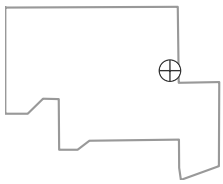
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

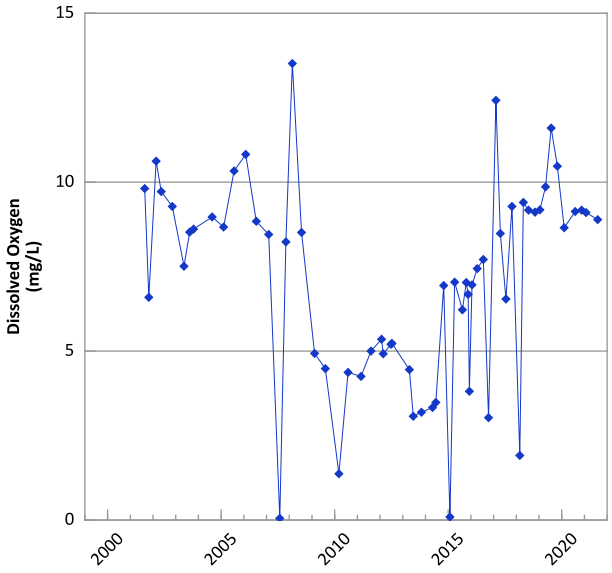
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/13/1999 to 10/20/2021
Analysis Date: 04/29/2022

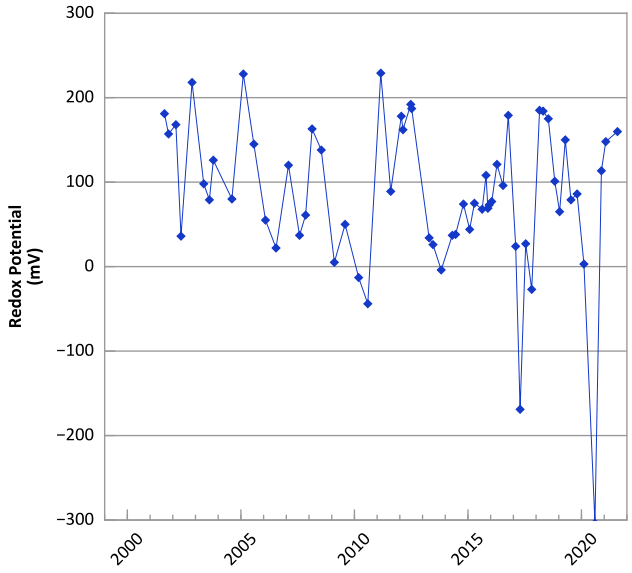
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

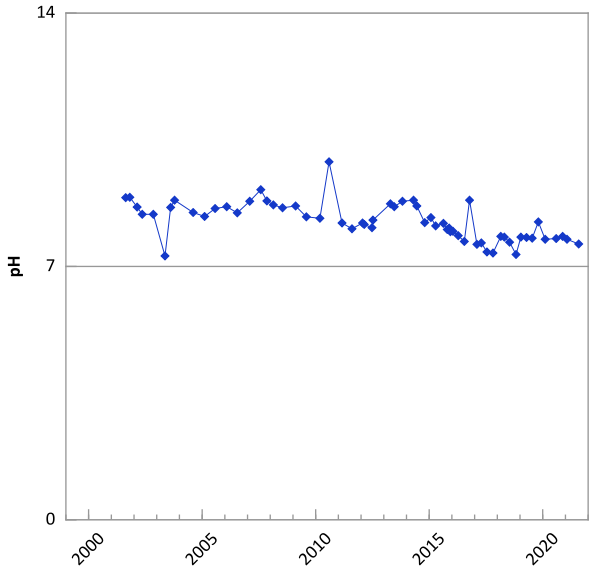
Well Location

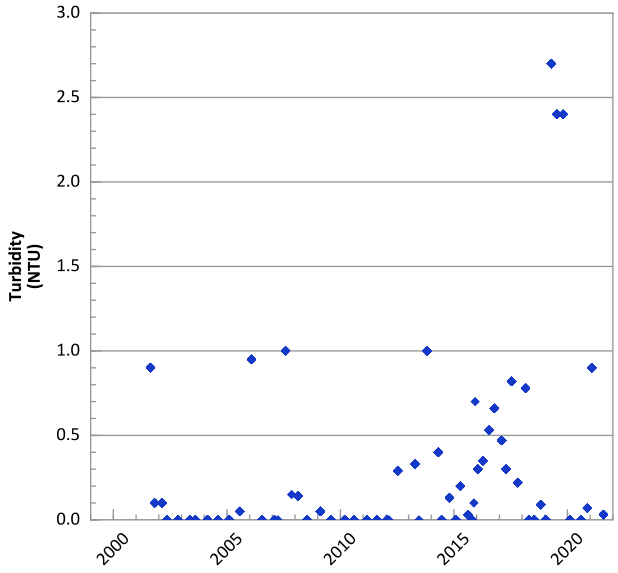


PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



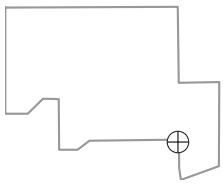






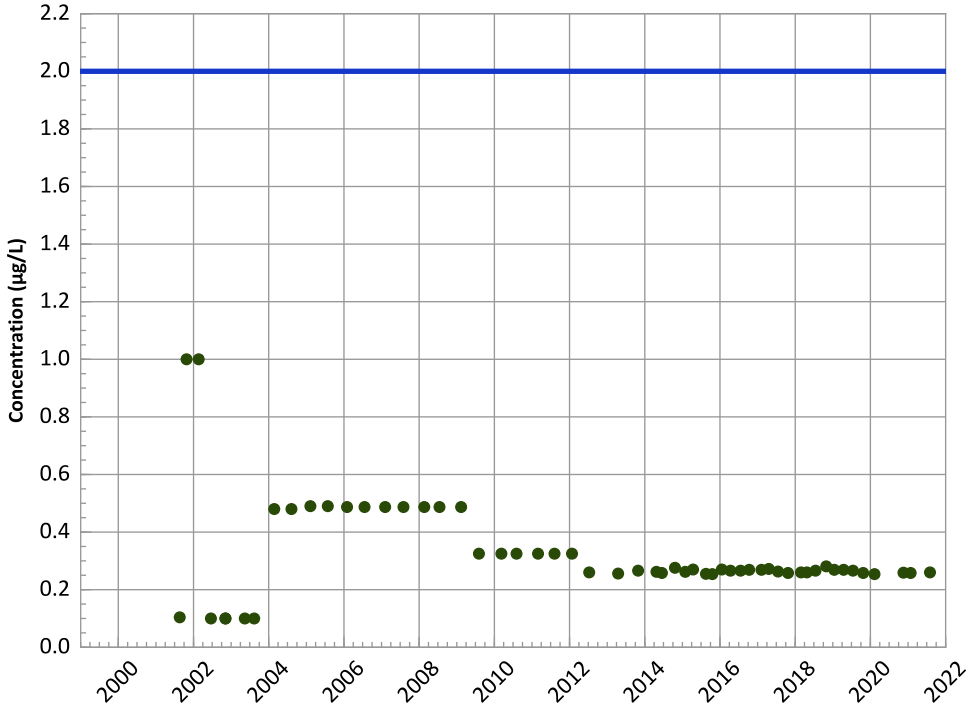
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

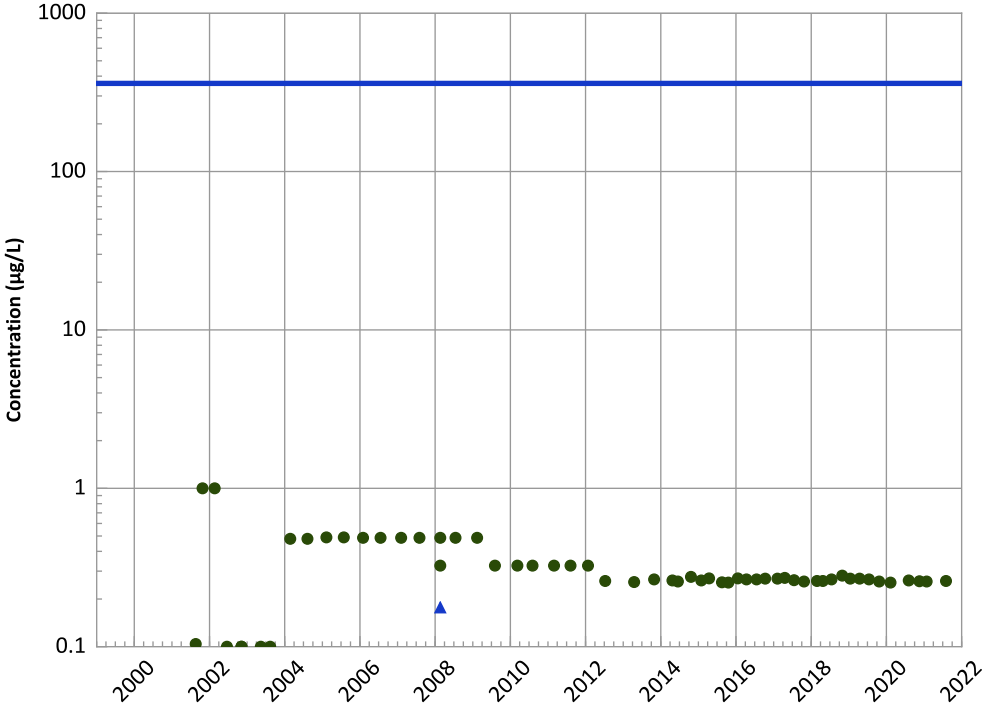


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

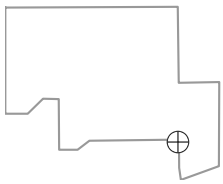
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

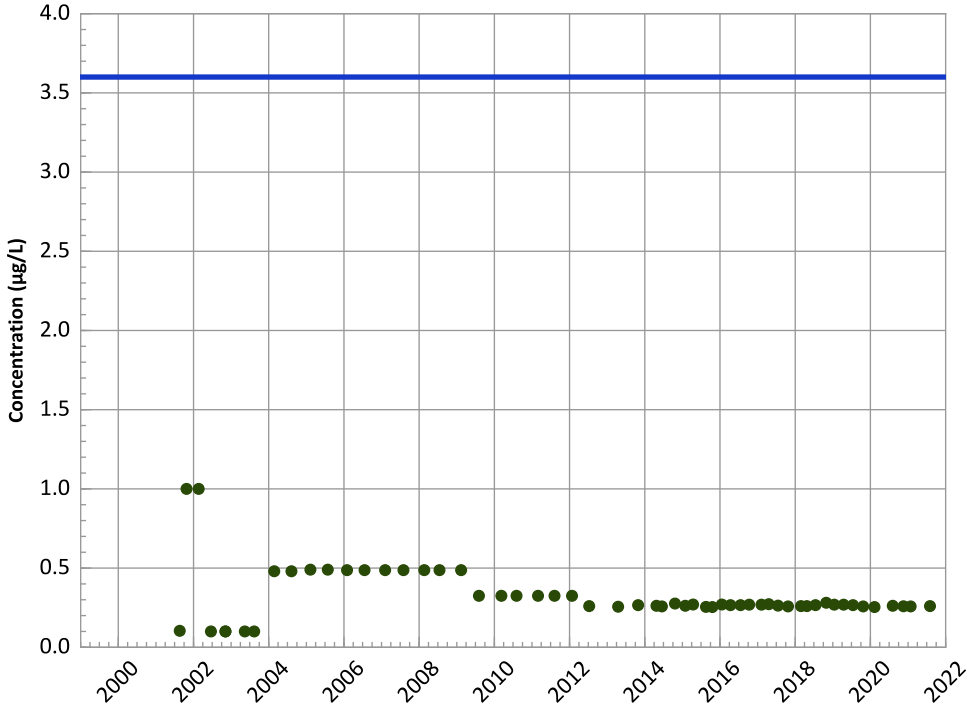
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

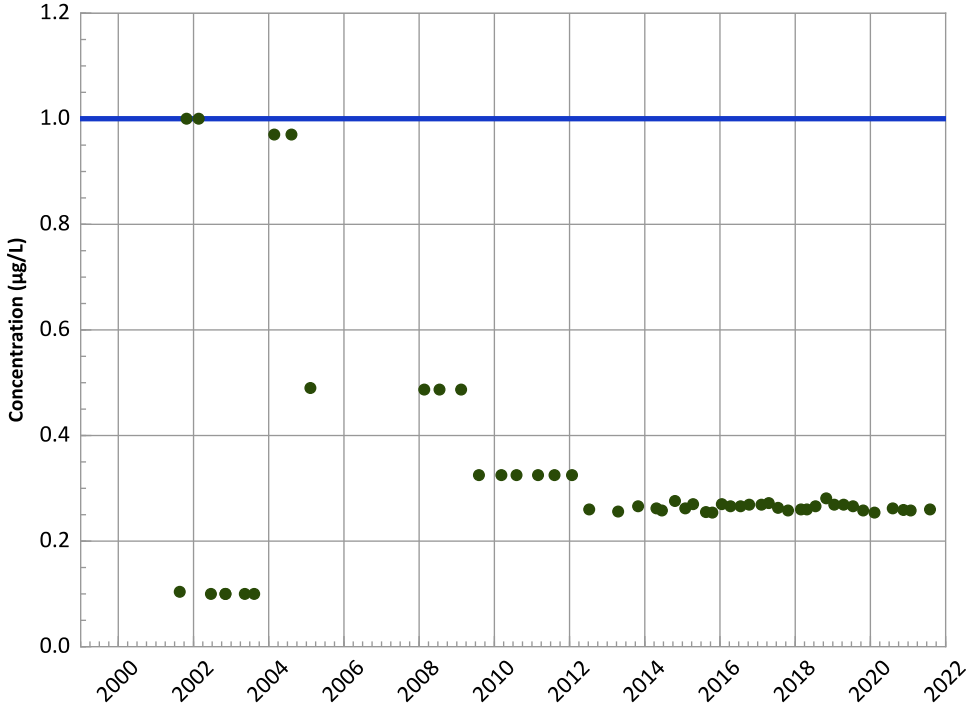


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

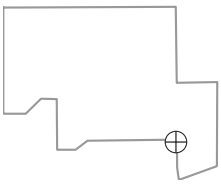
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

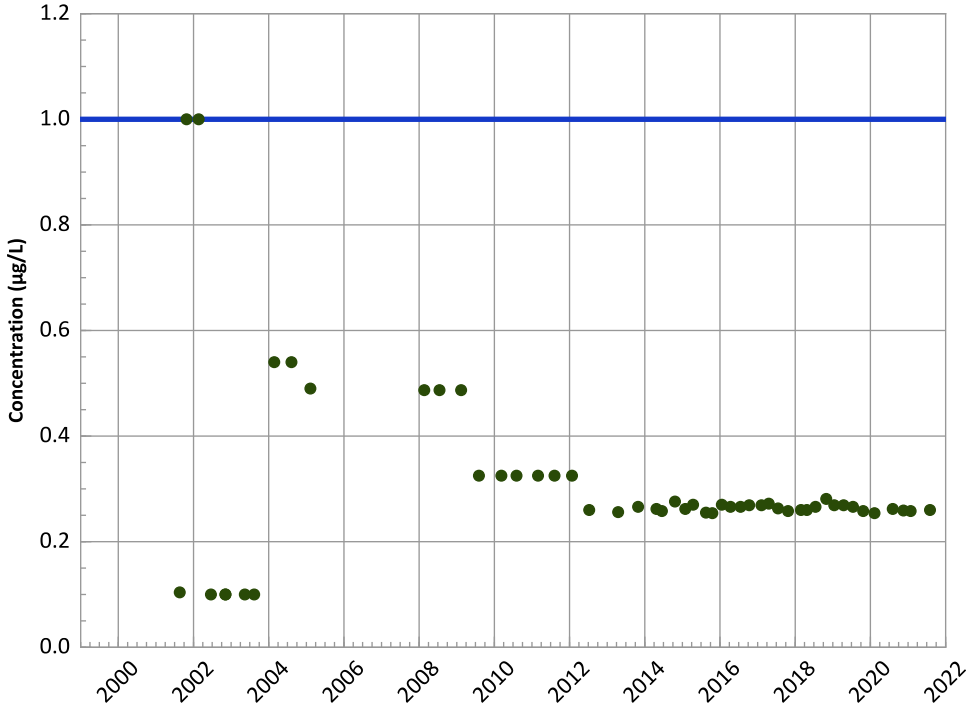
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

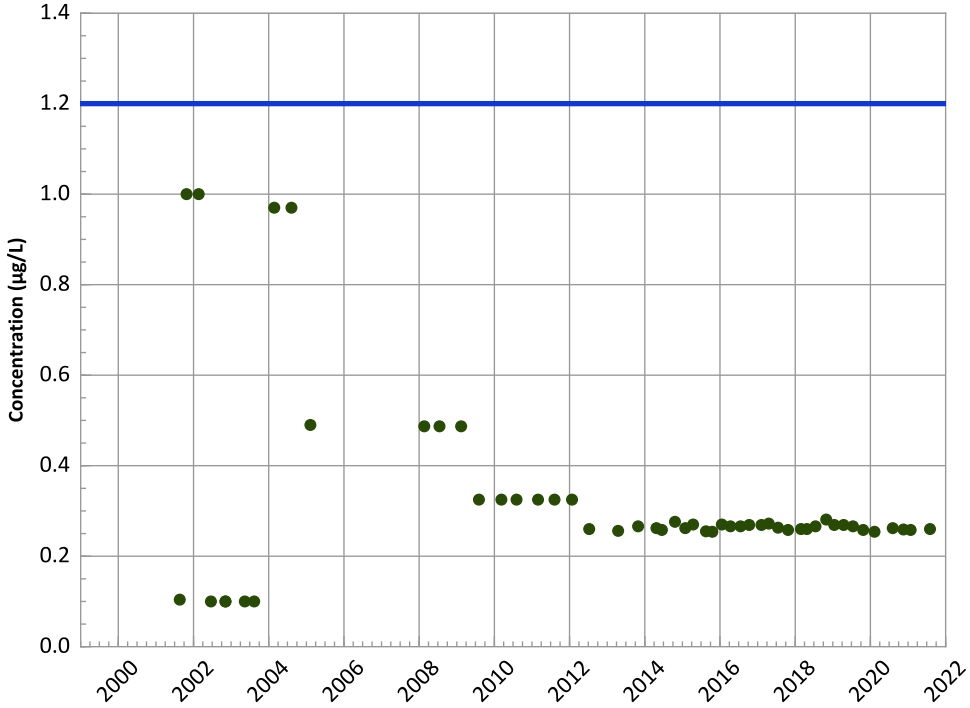


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

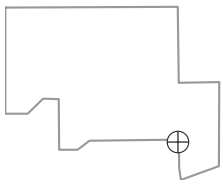


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

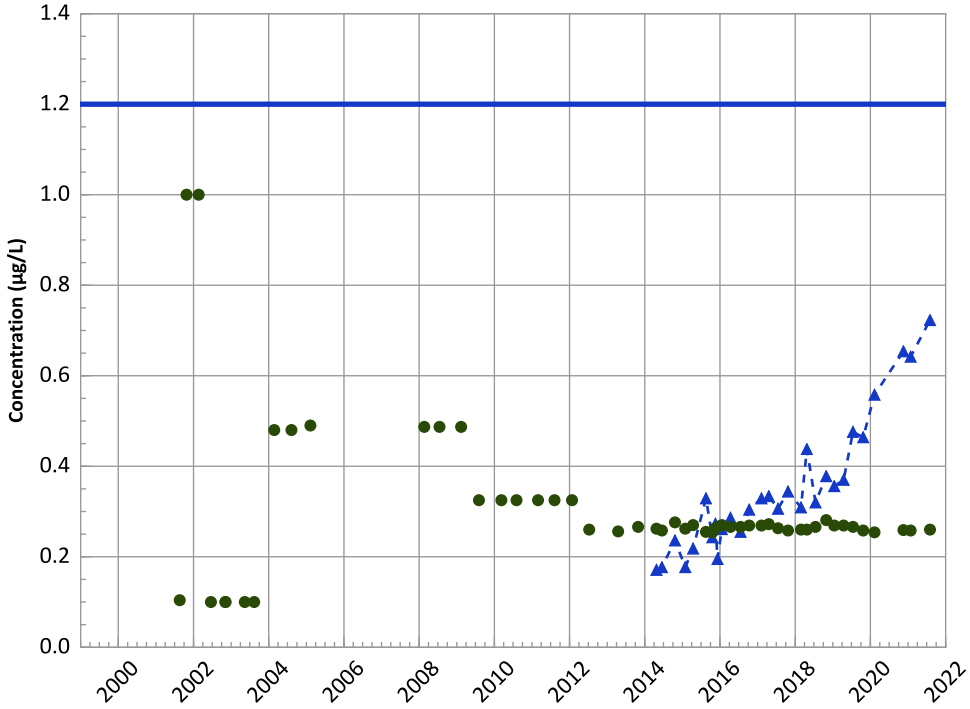


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

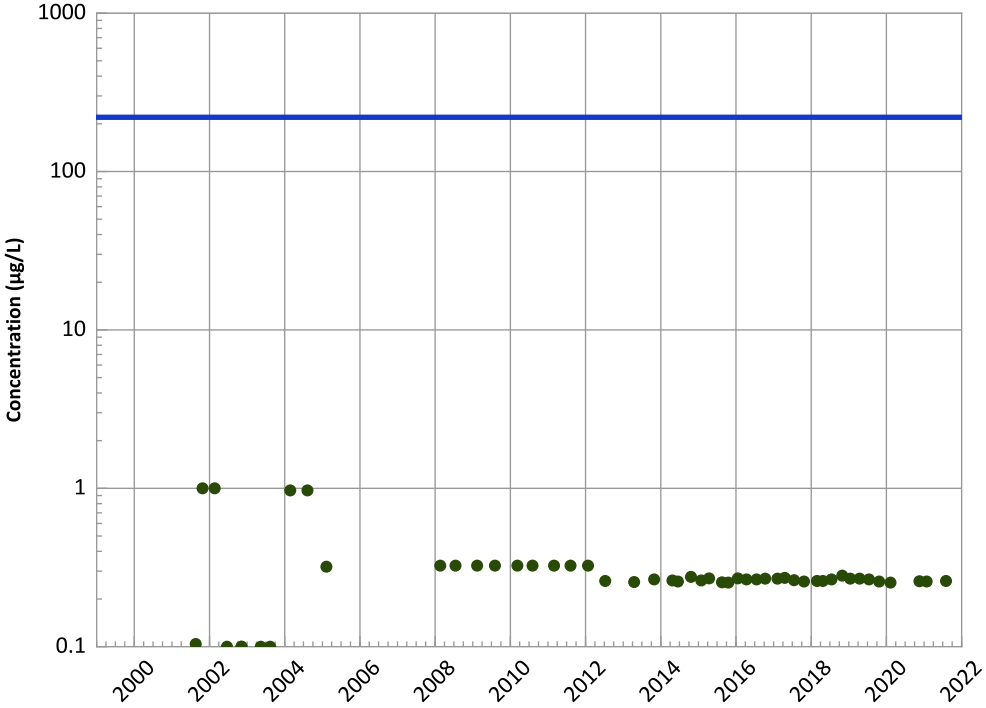


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

1,3,5-Trinitrobenzene Trend



Concentration Trend

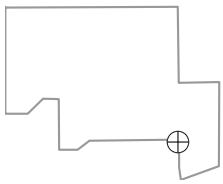
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

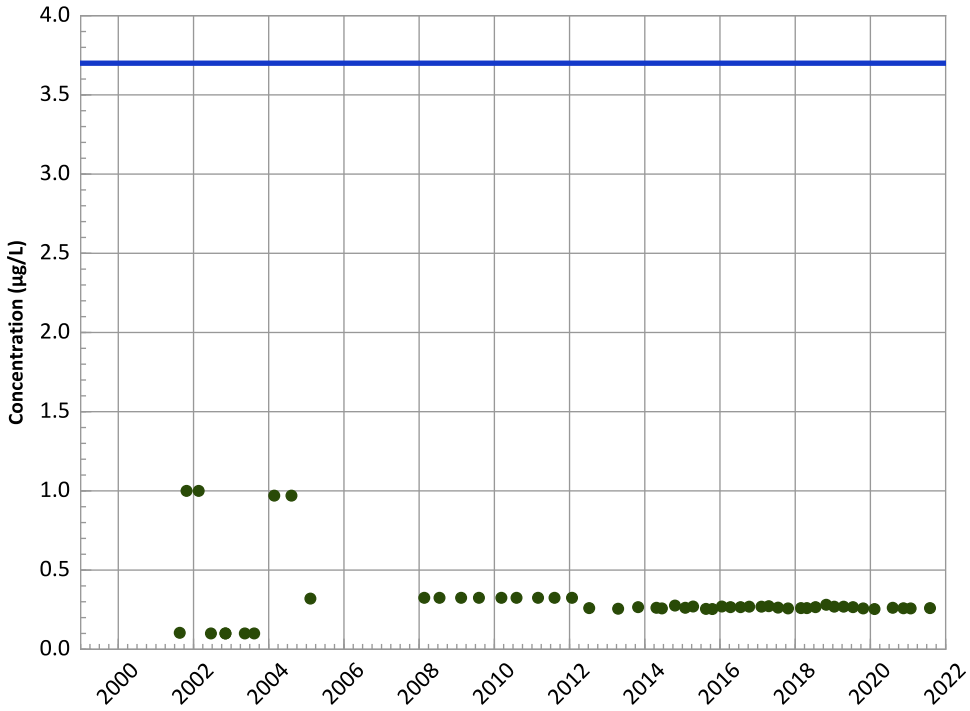
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

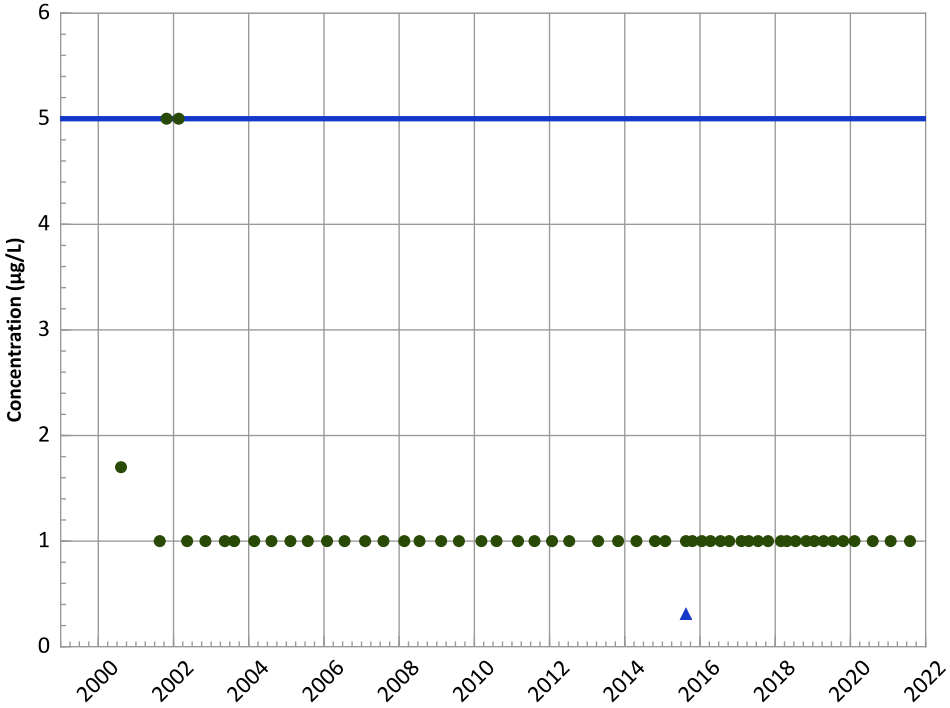


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

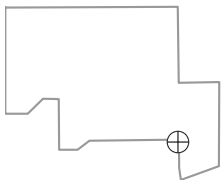
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

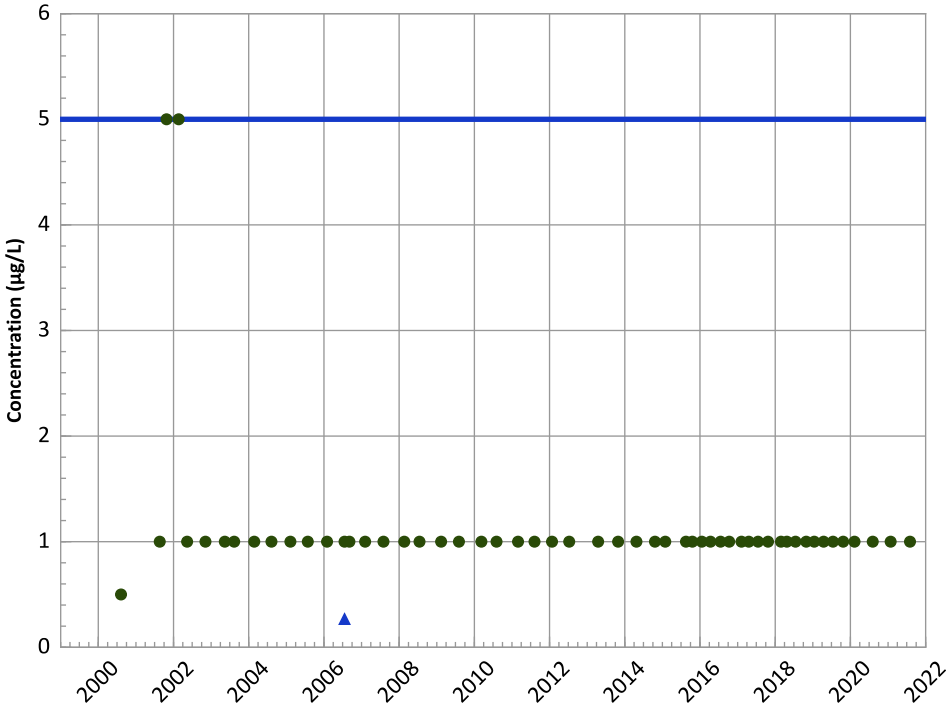
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

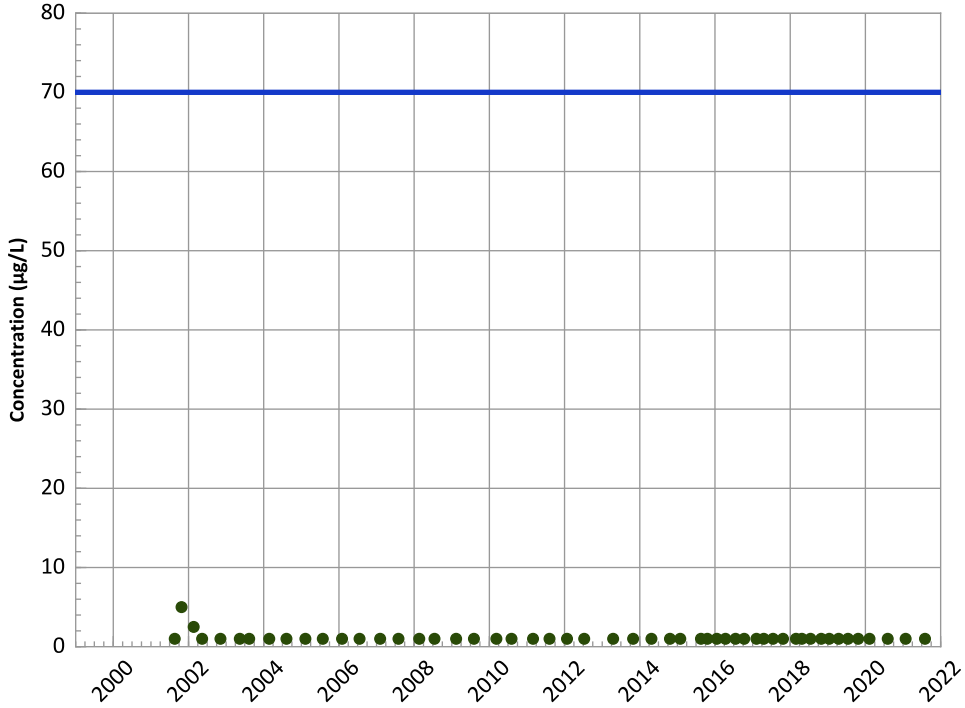


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

cis-1,2-Dichloroethene Trend



Concentration Trend

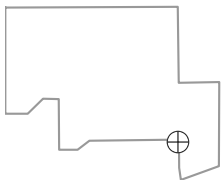
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

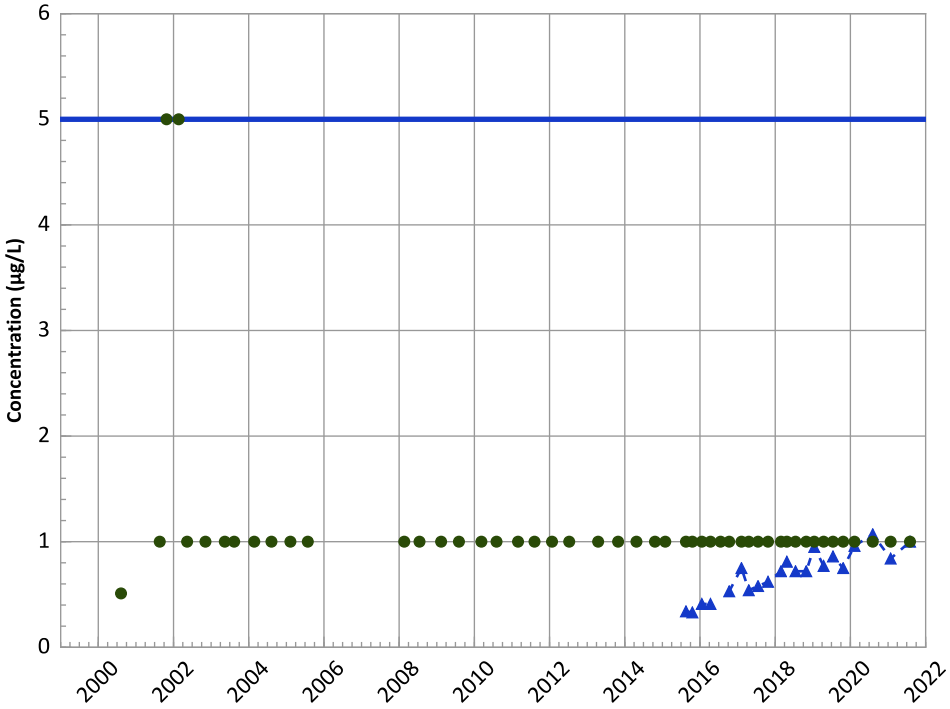
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

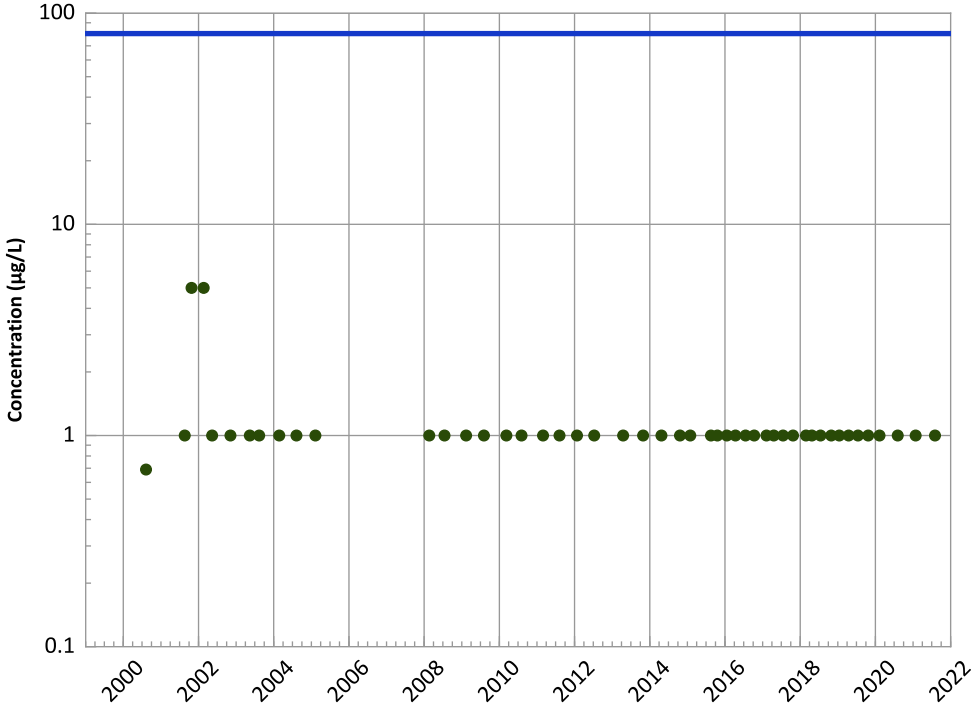


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Chloroform Trend

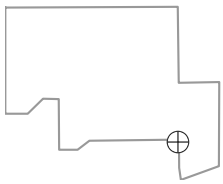


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

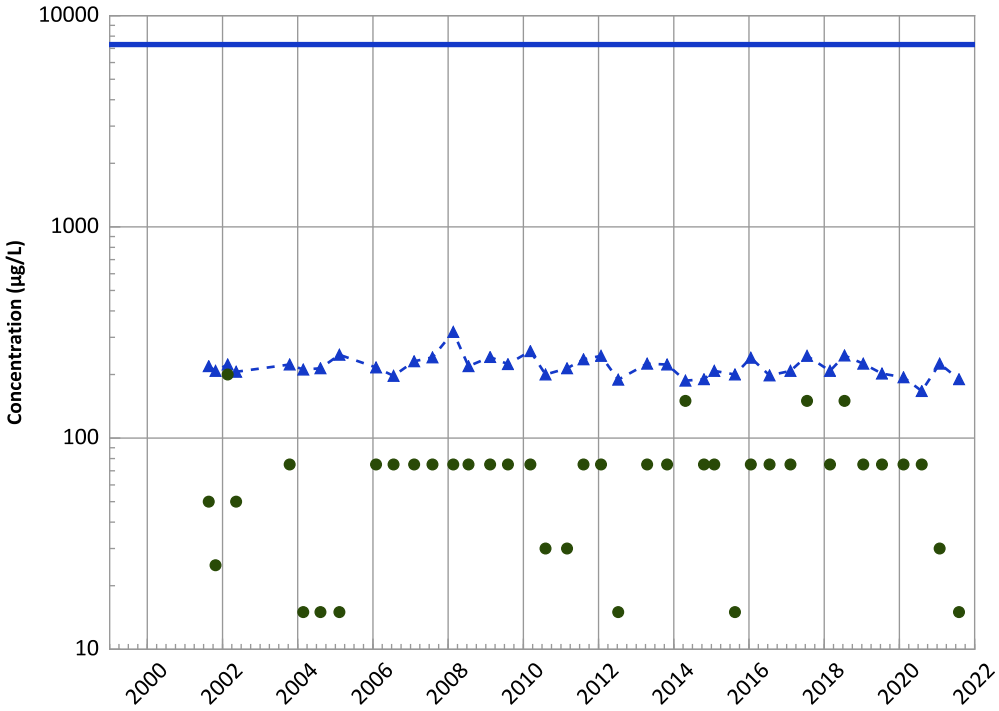


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

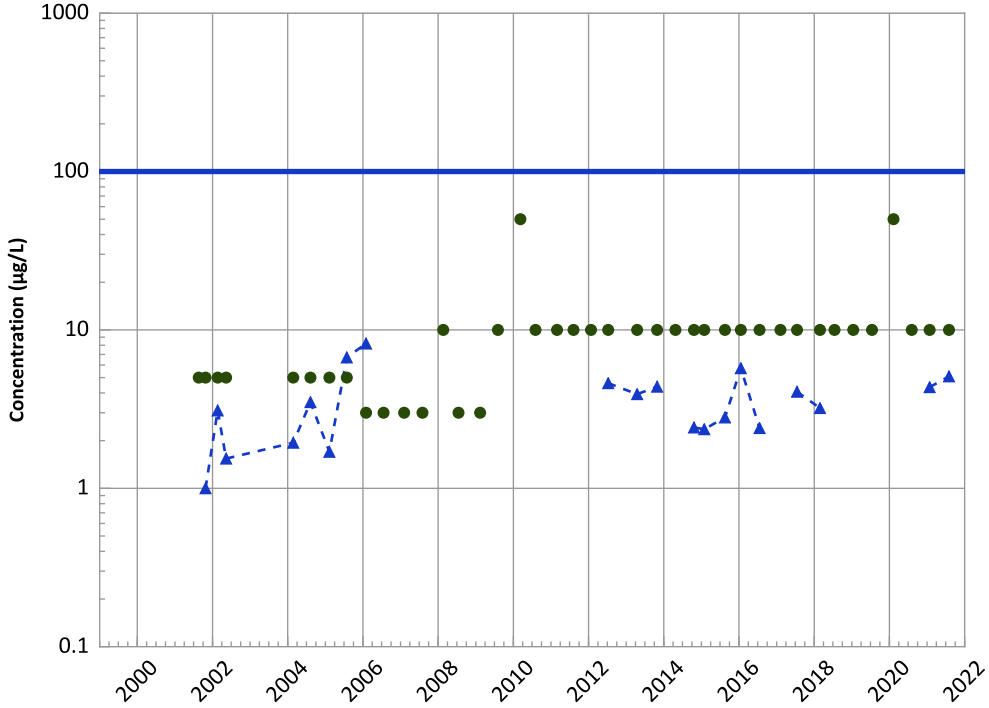


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

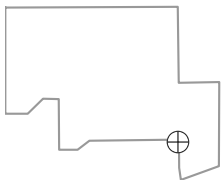
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

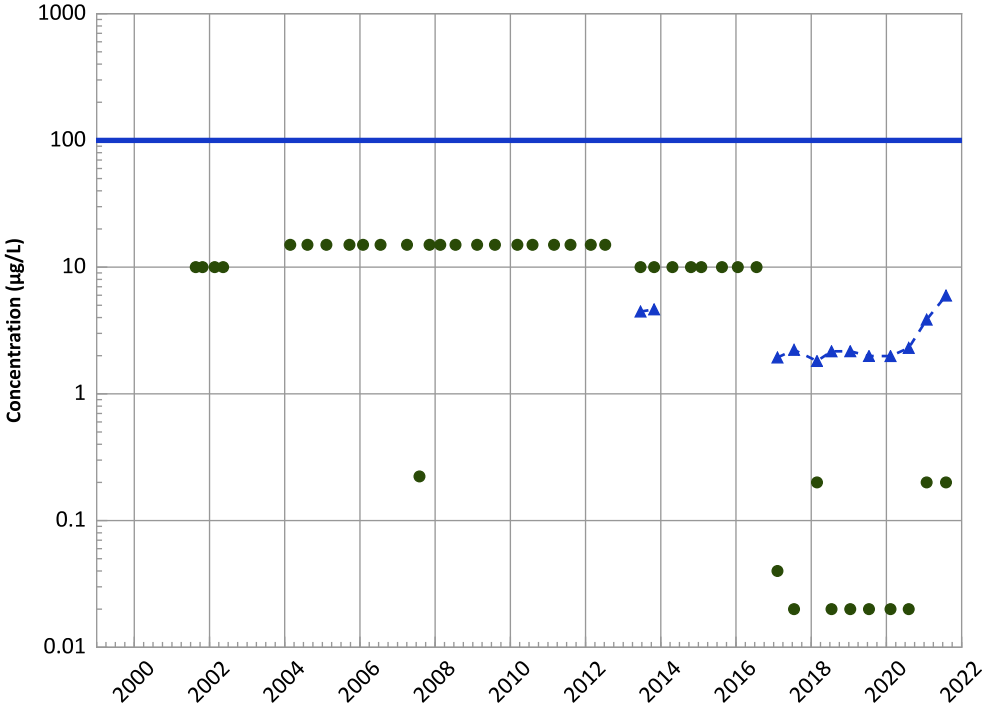
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

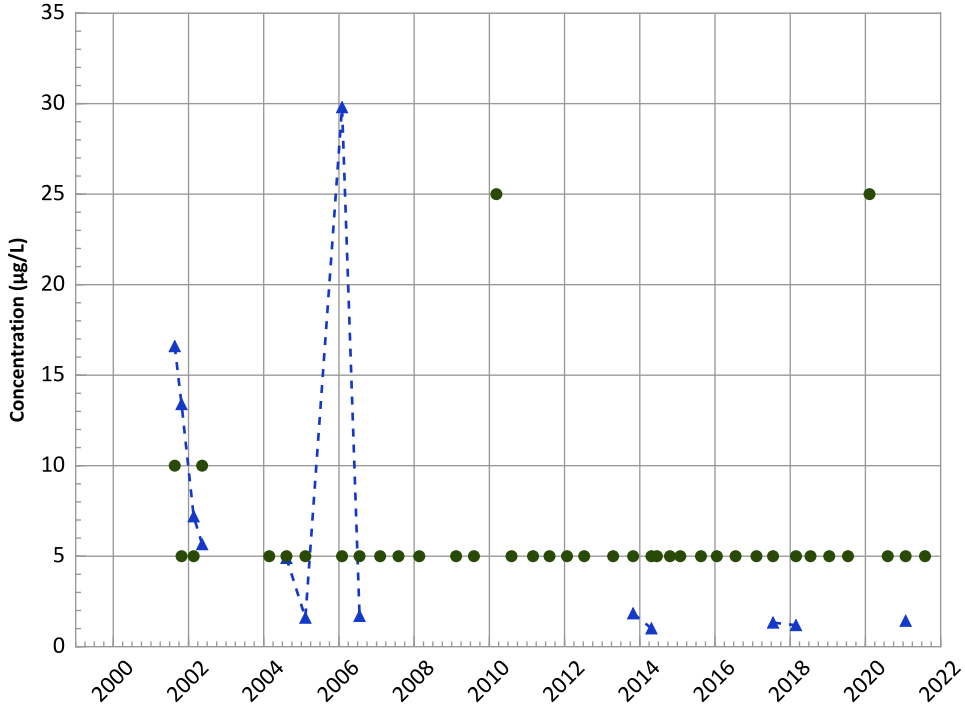


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

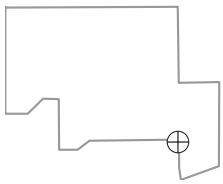
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

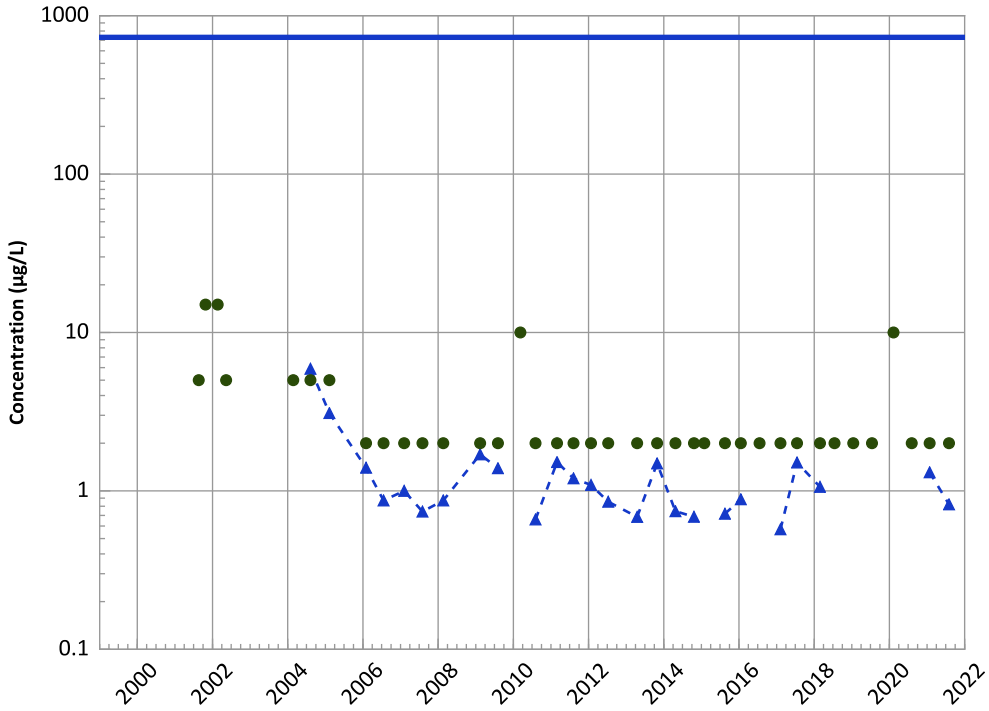
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

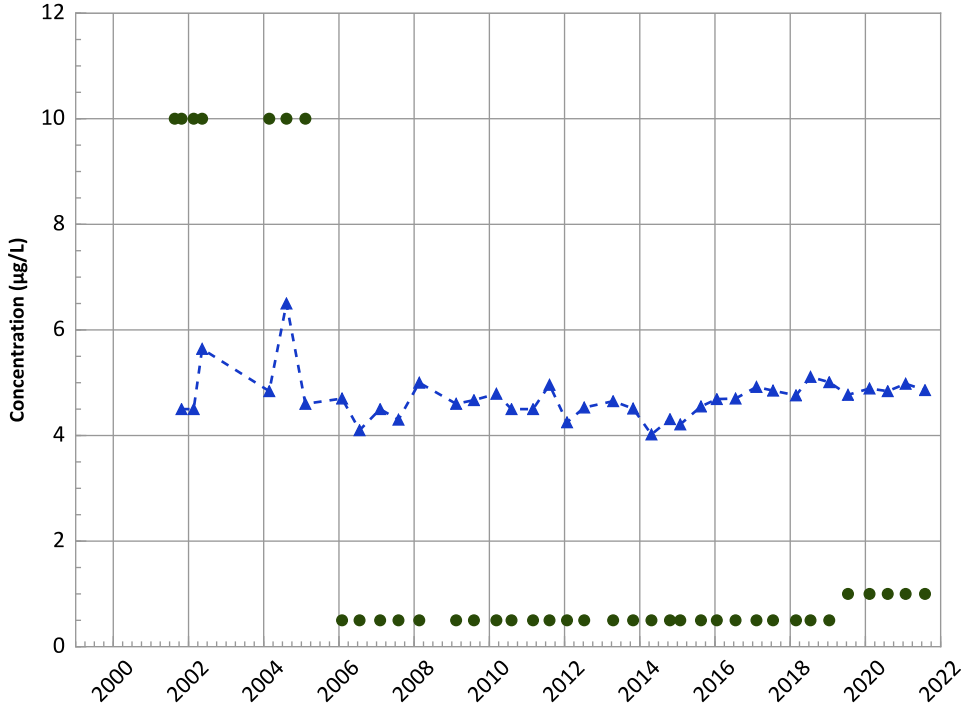


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

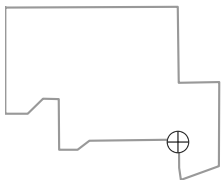
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

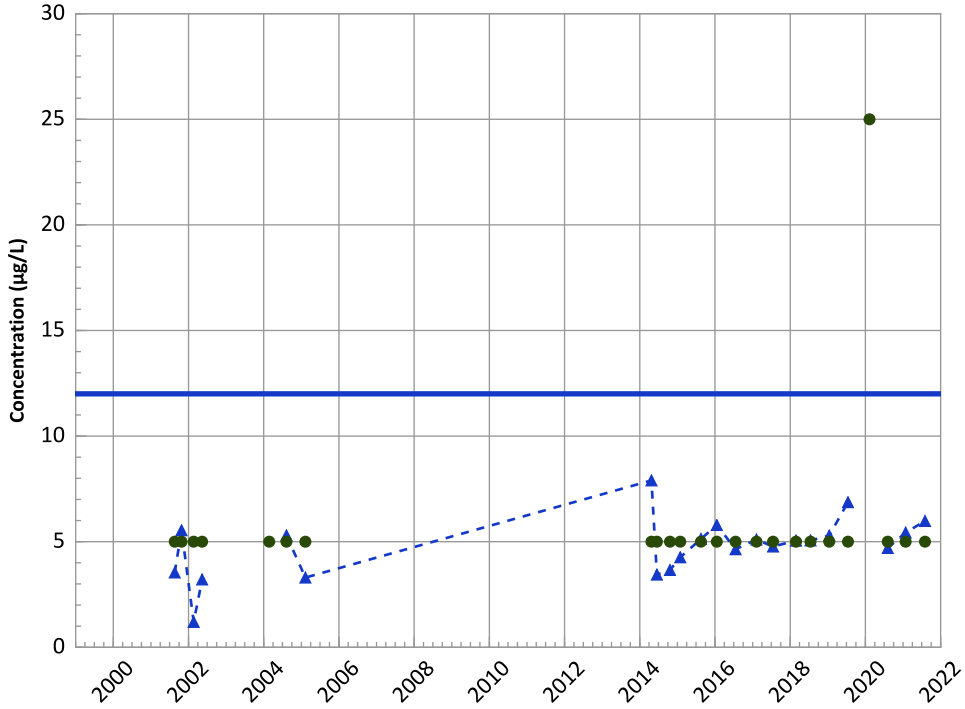
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

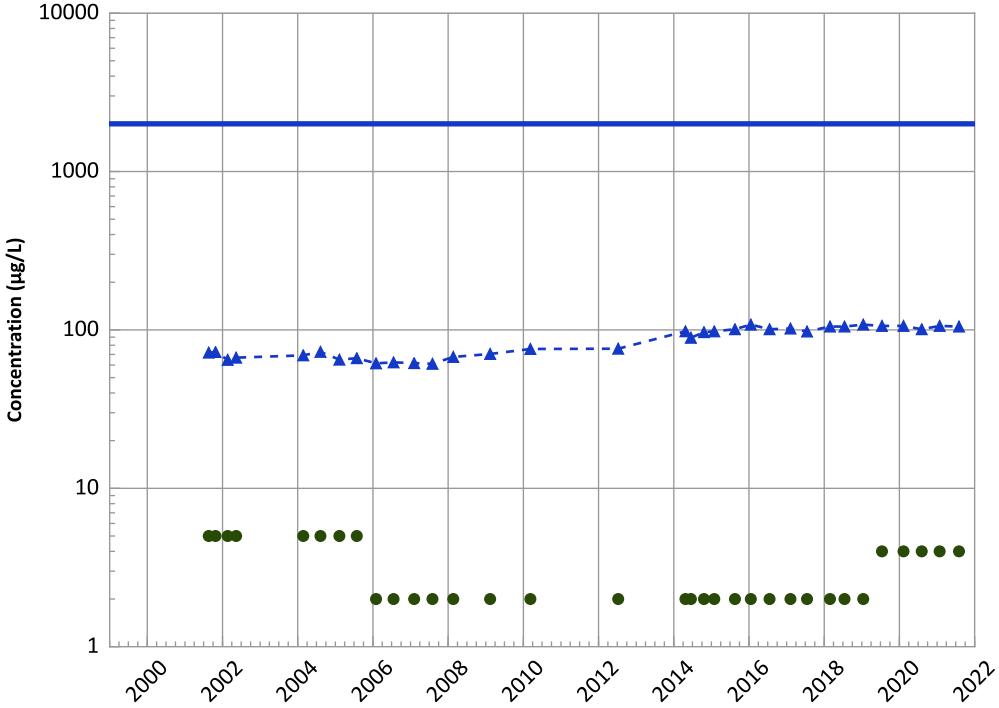


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

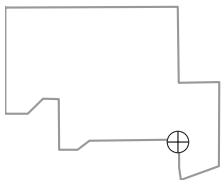
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

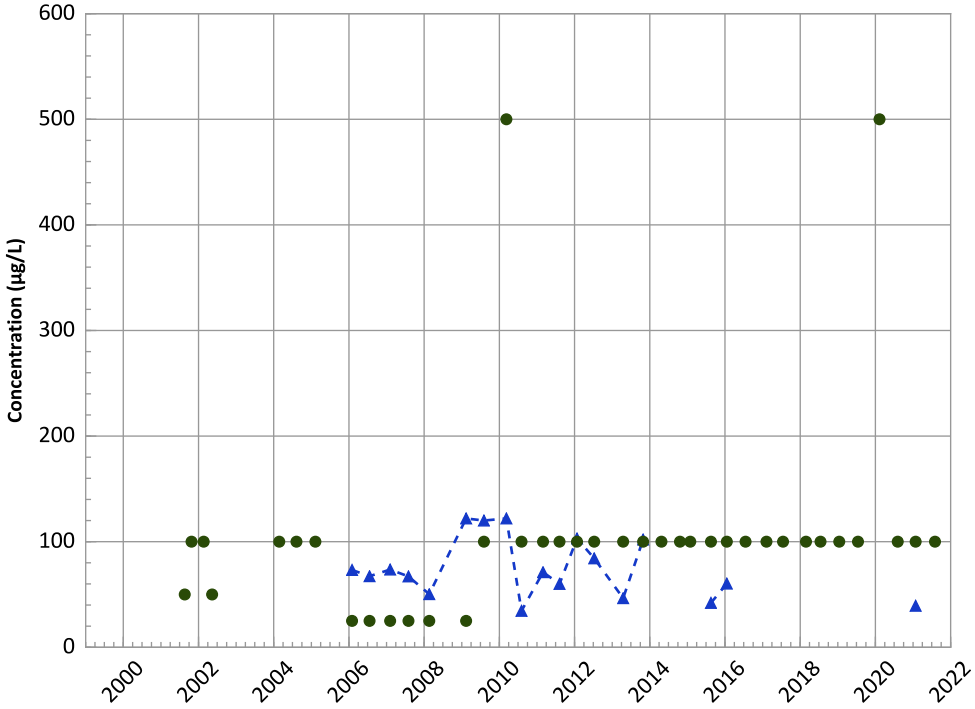
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1056 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

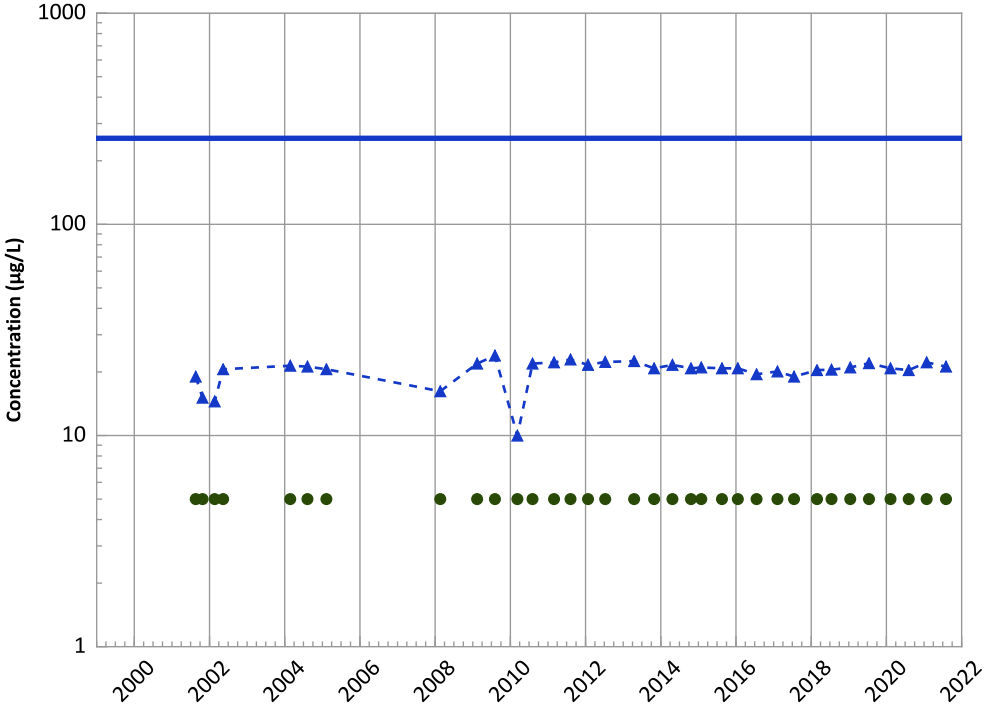


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

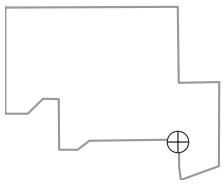
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

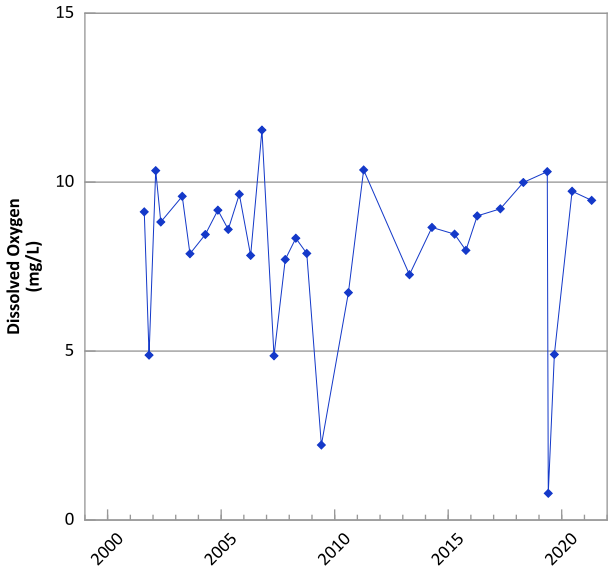
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/09/2000 to 08/02/2021
Analysis Date: 04/29/2022

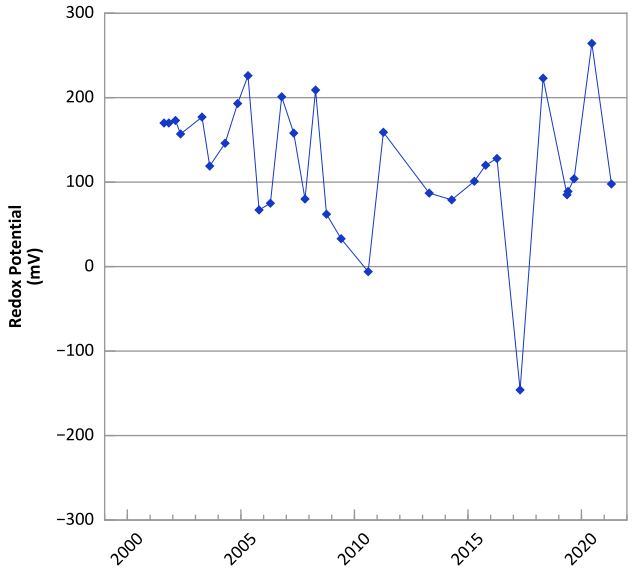
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

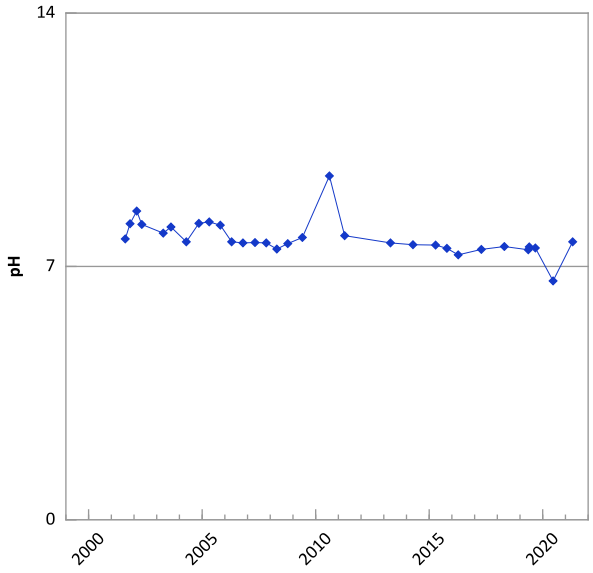
Well Location

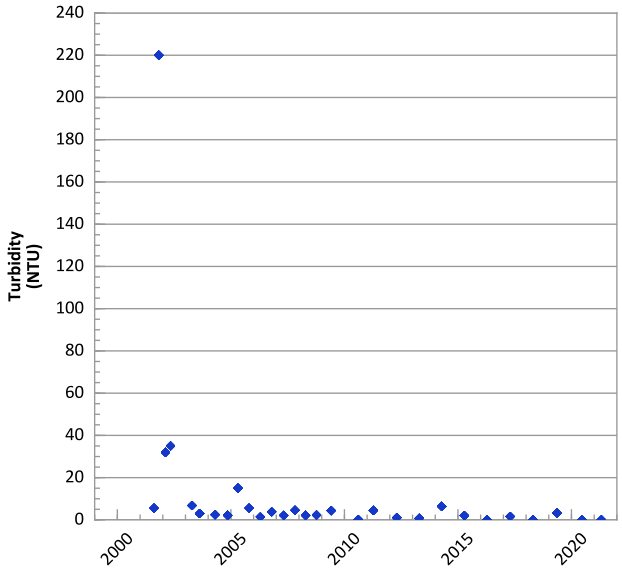


PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



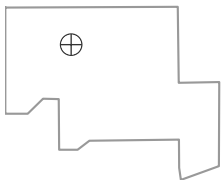






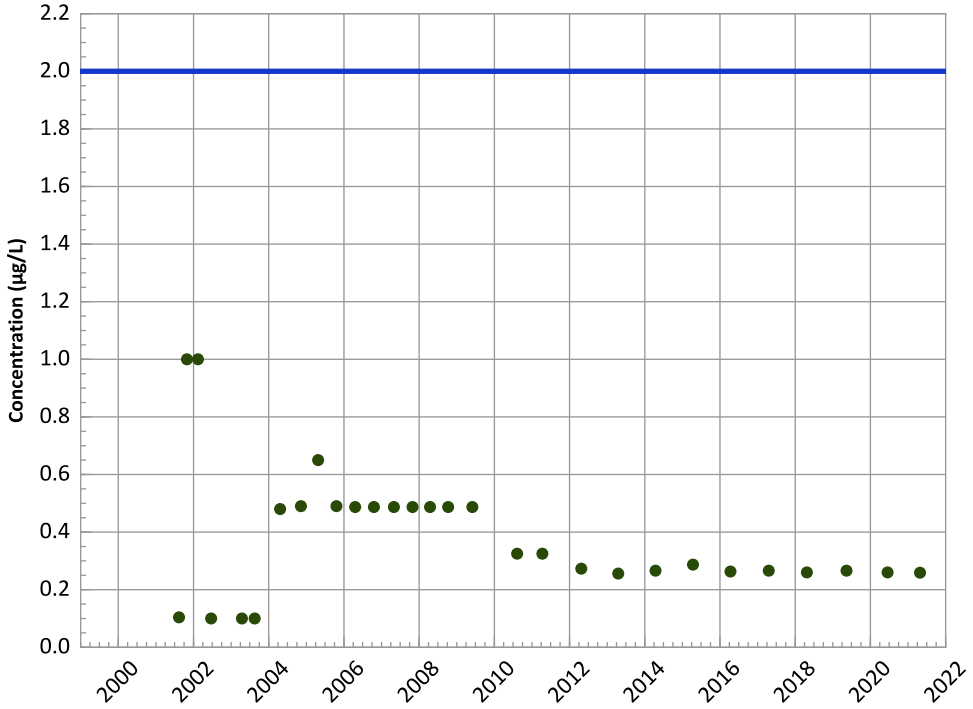
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

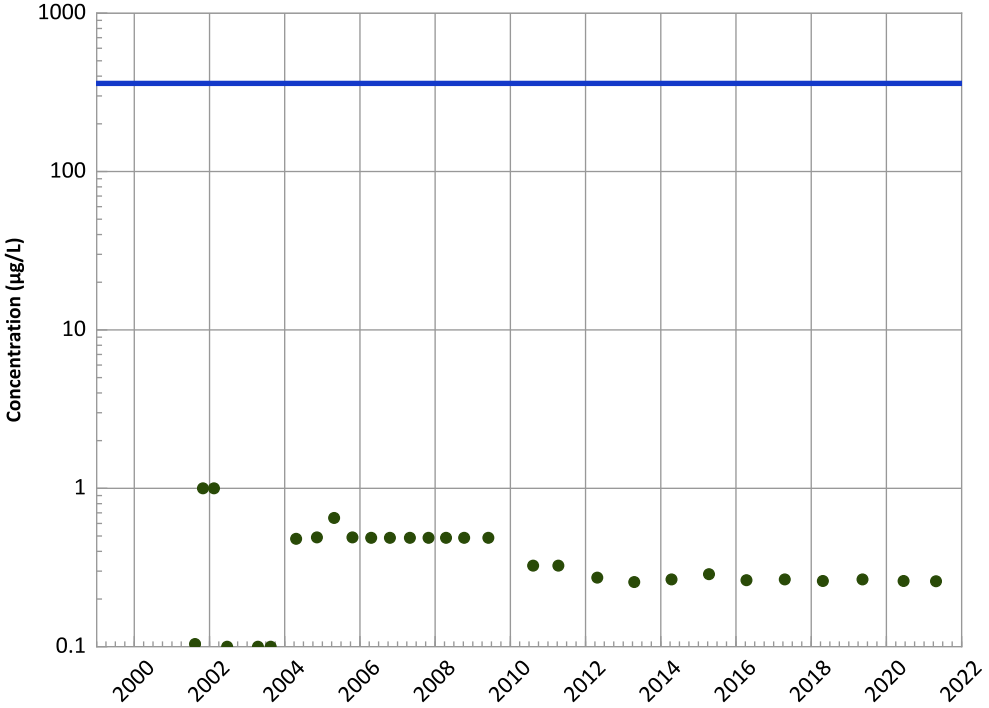


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

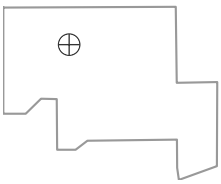
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

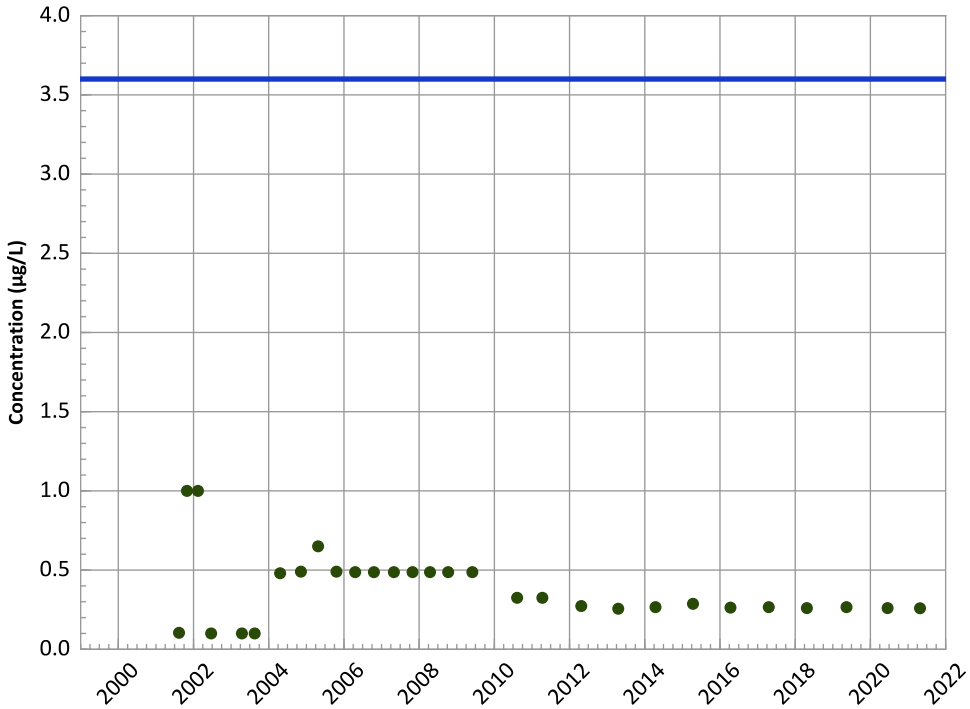
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

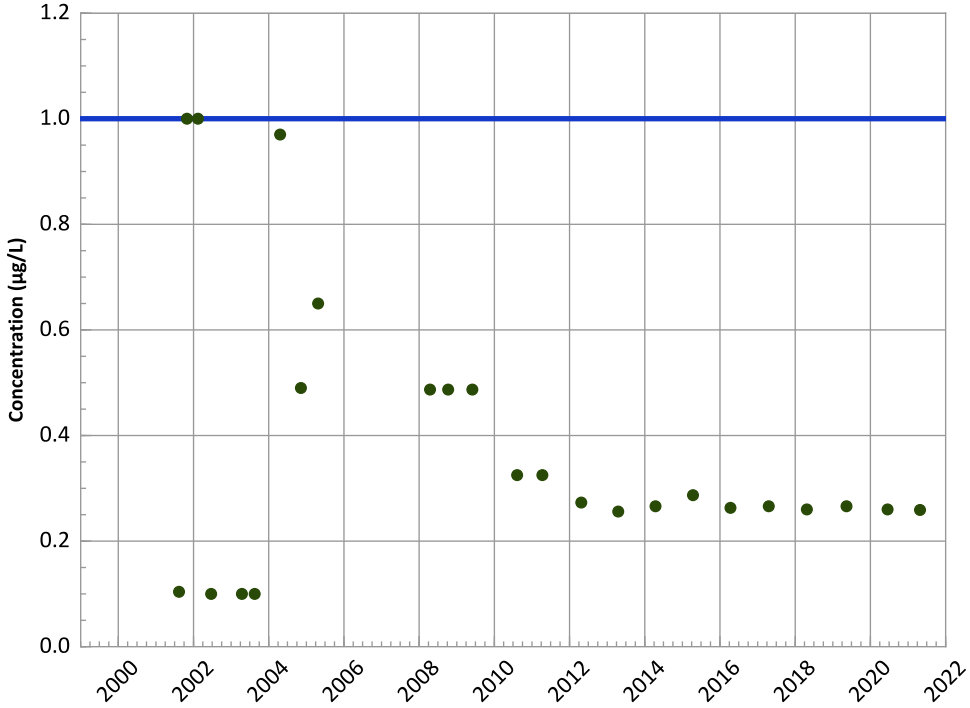


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

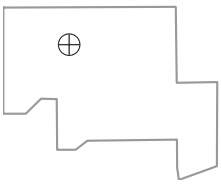
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

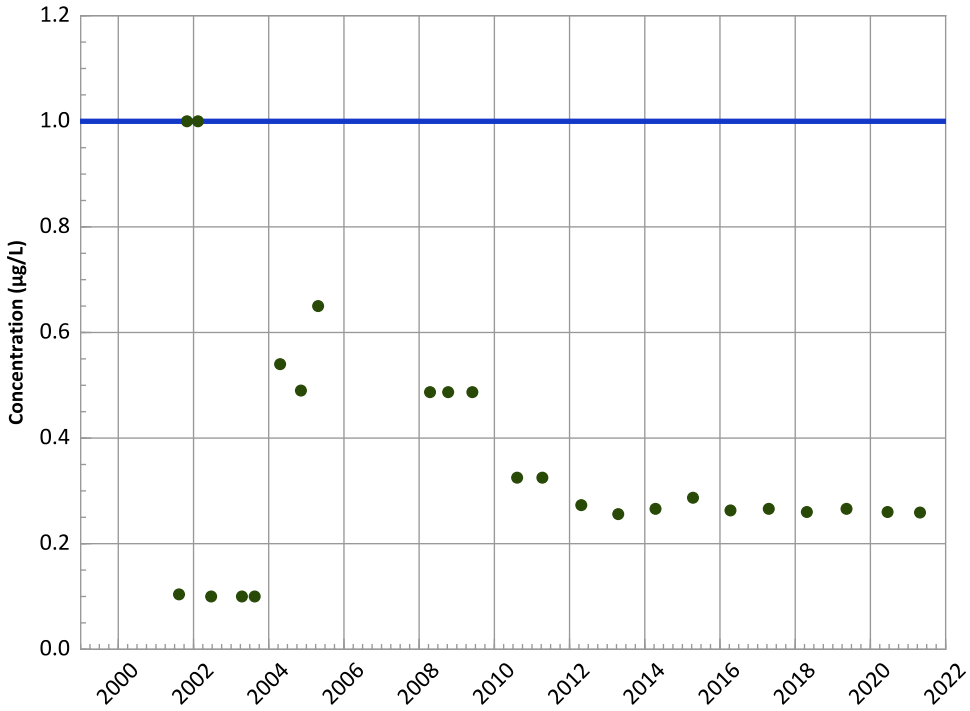
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

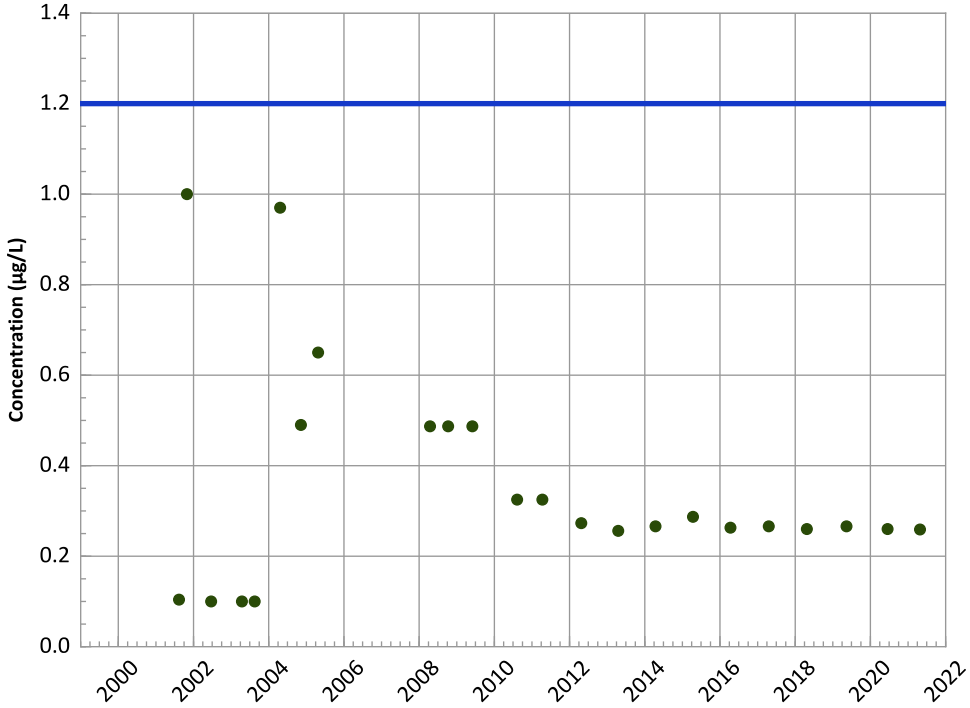


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

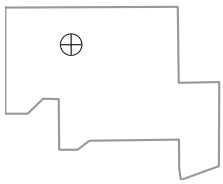


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

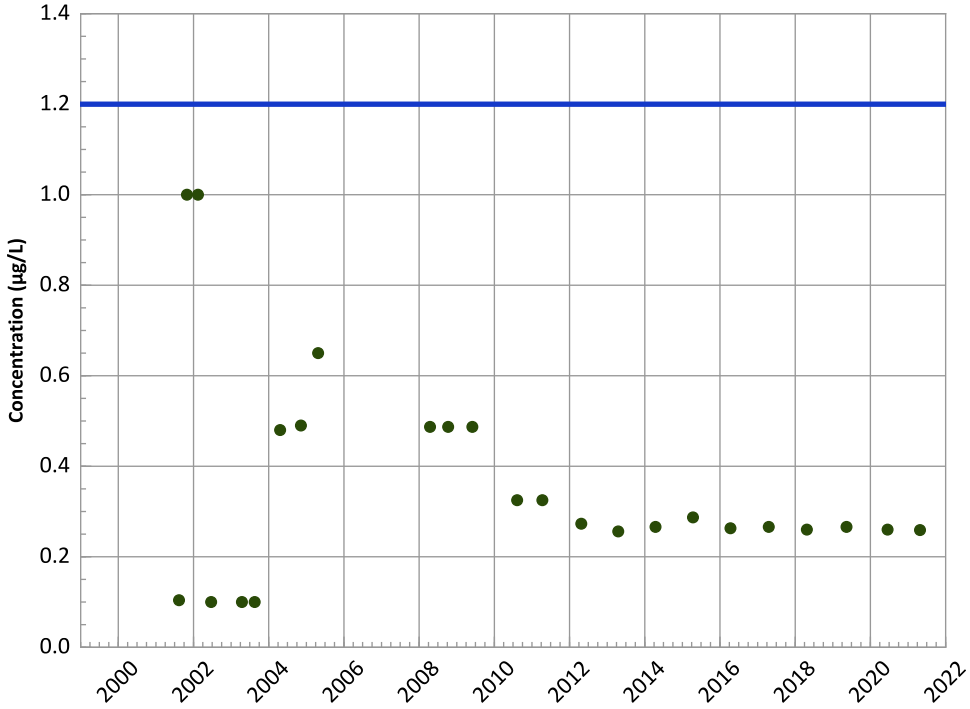


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

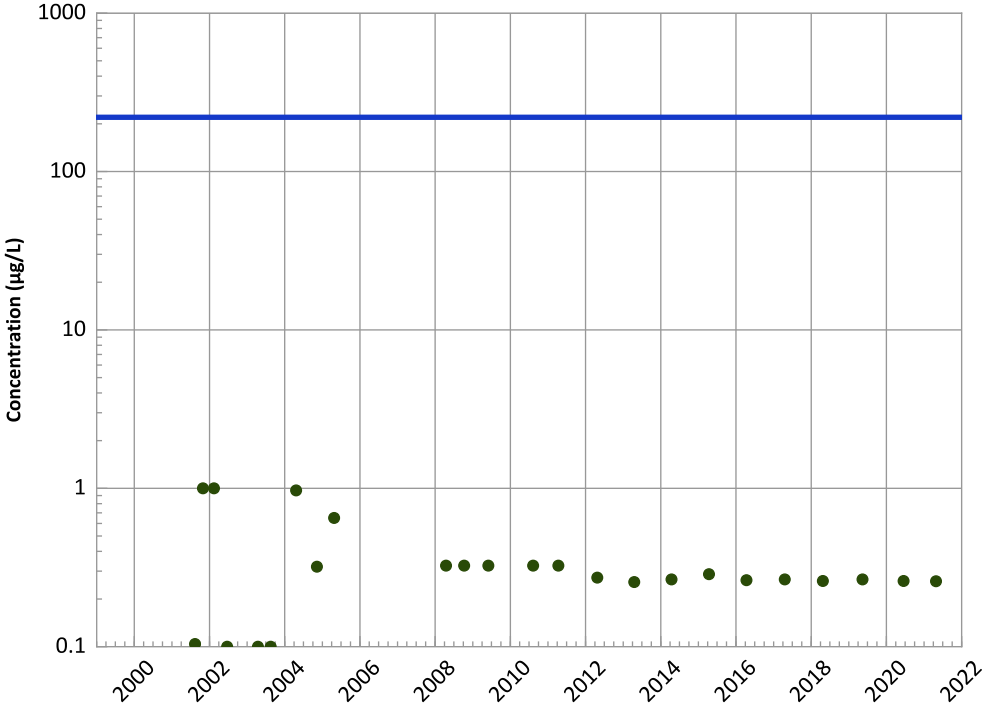


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

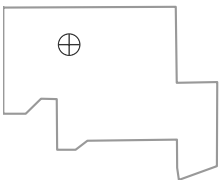
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

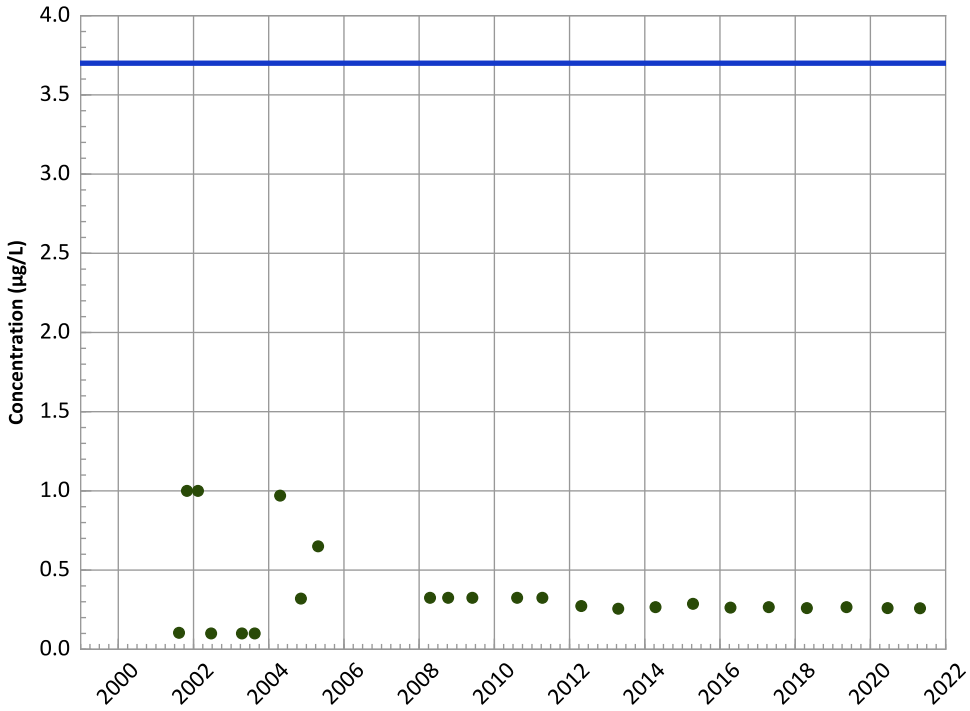
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

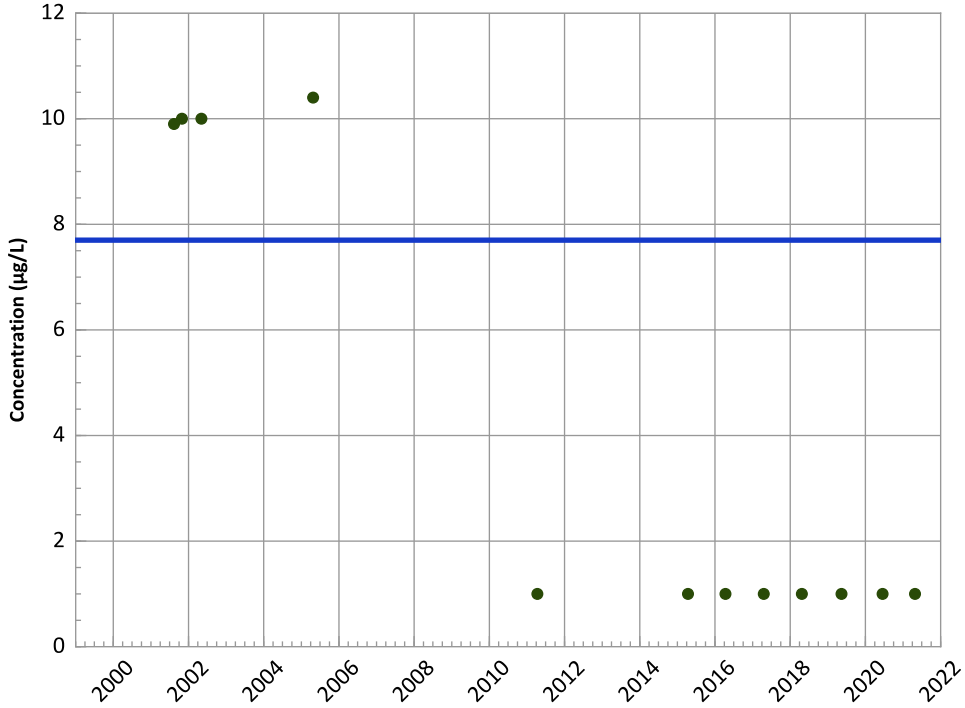


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

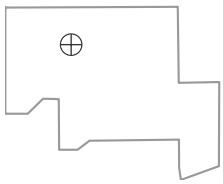
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

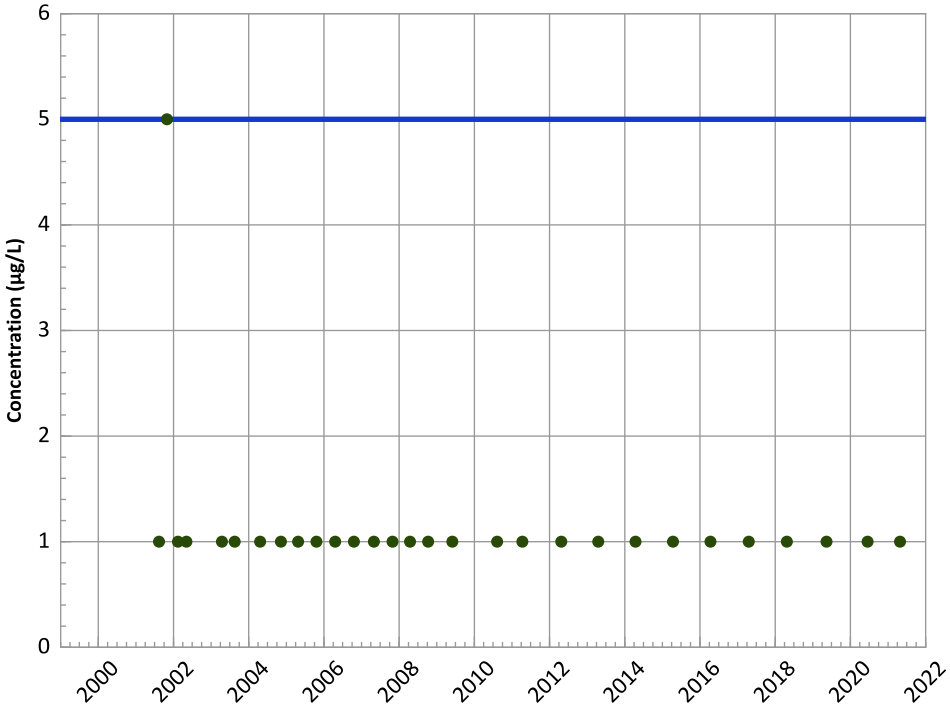
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

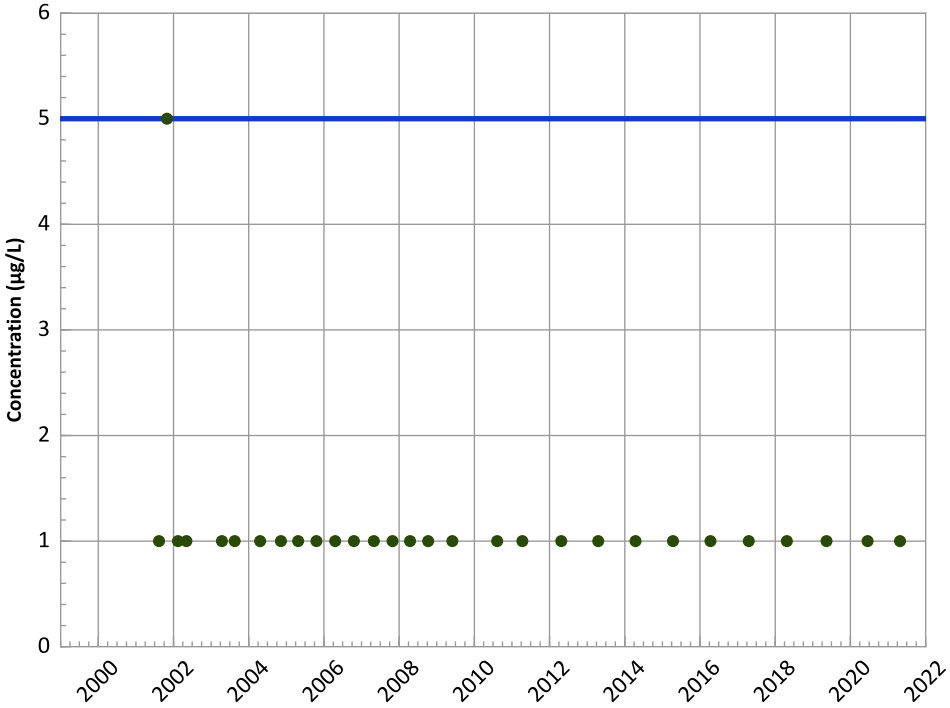


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

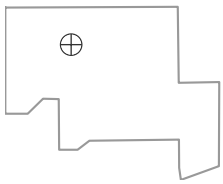


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

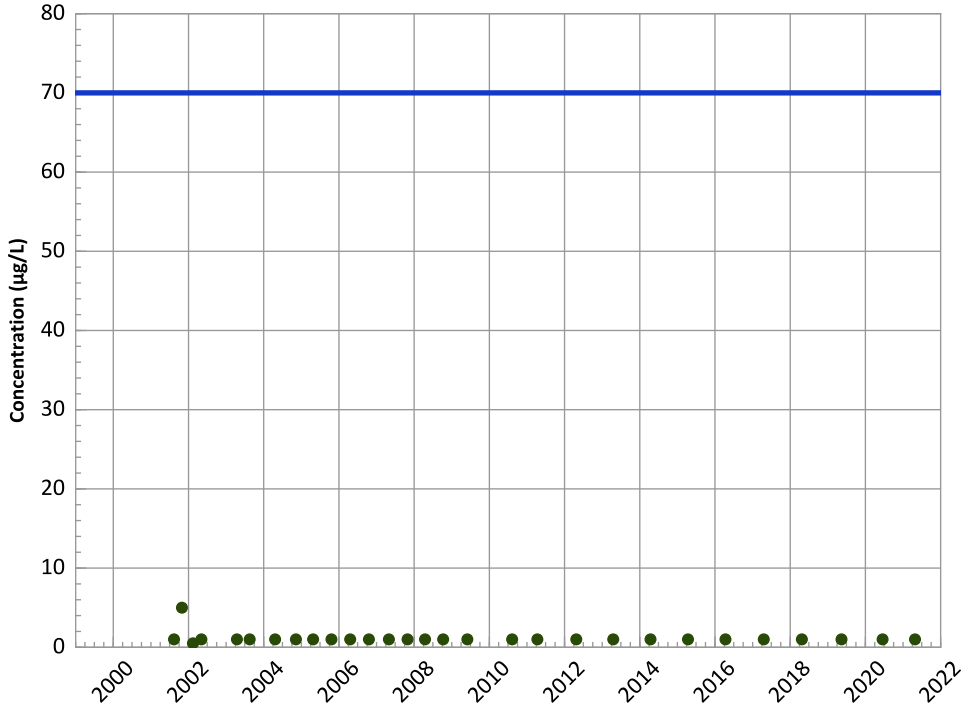


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

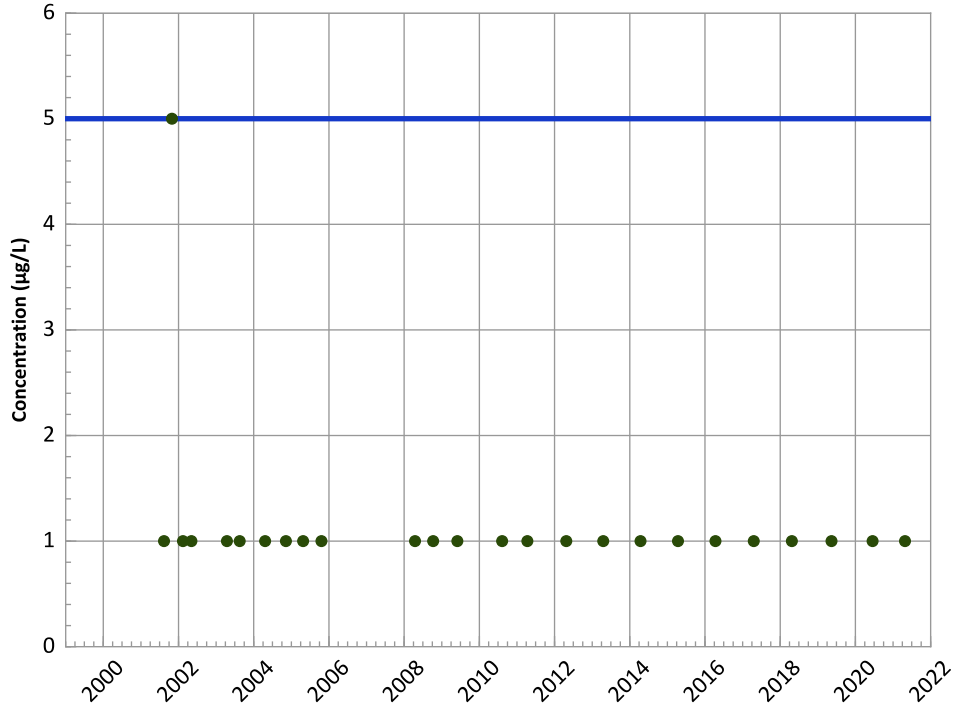


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

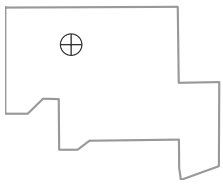


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

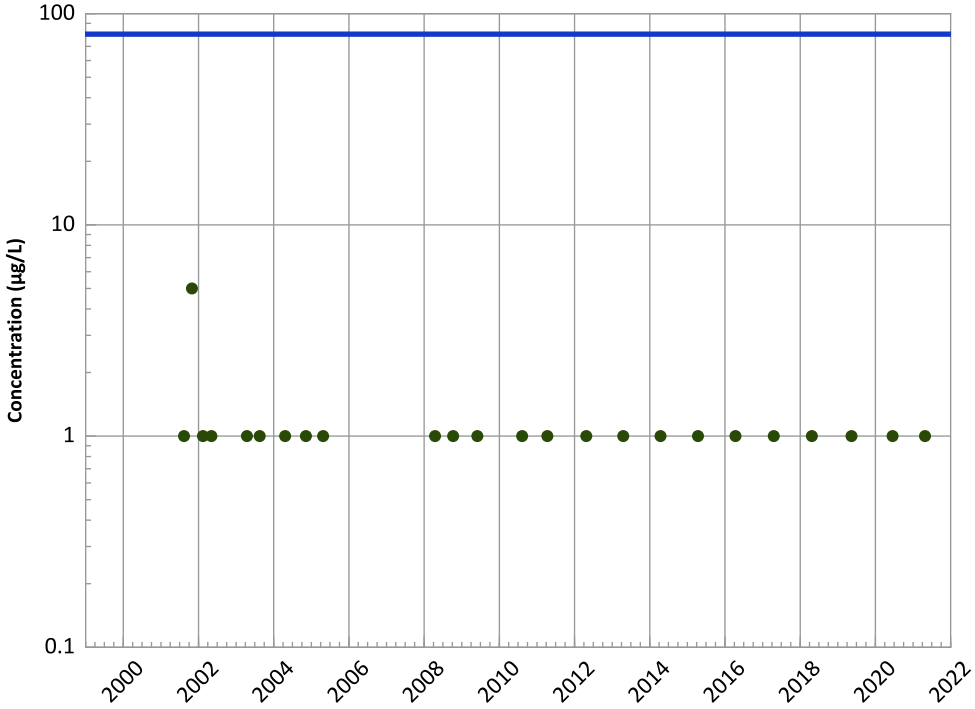


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

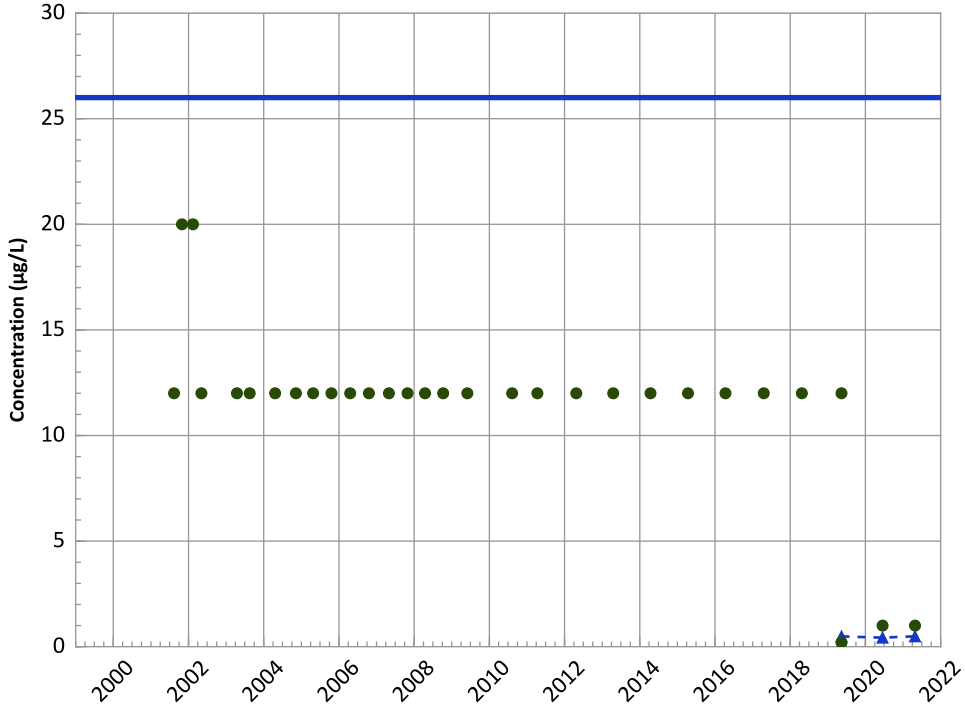


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

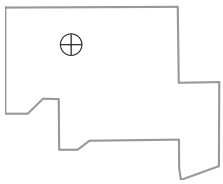
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

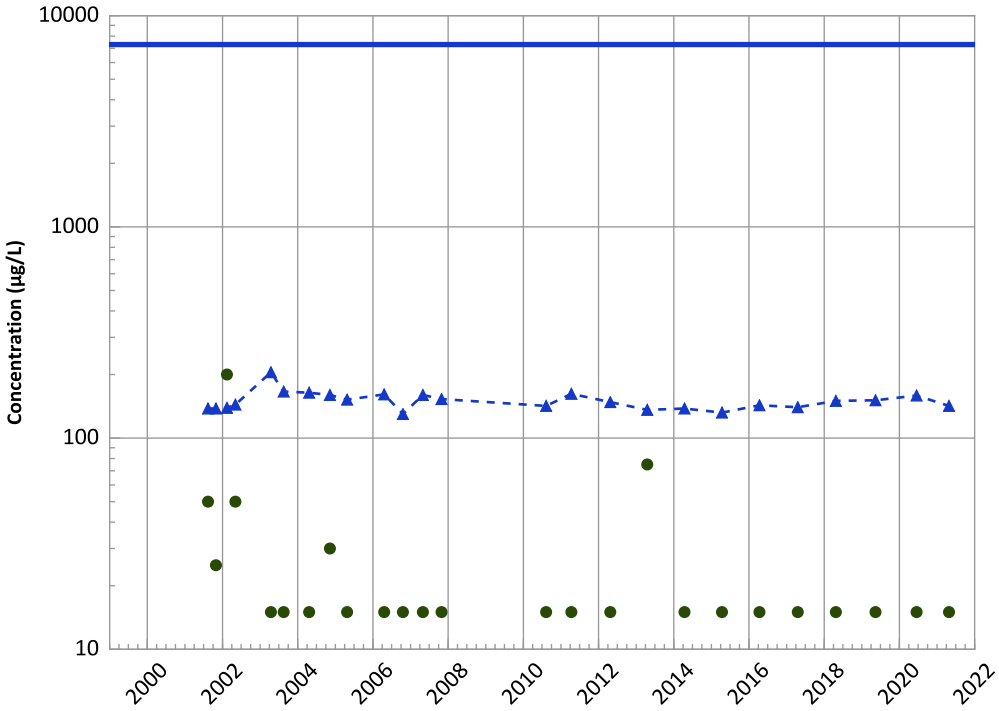
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

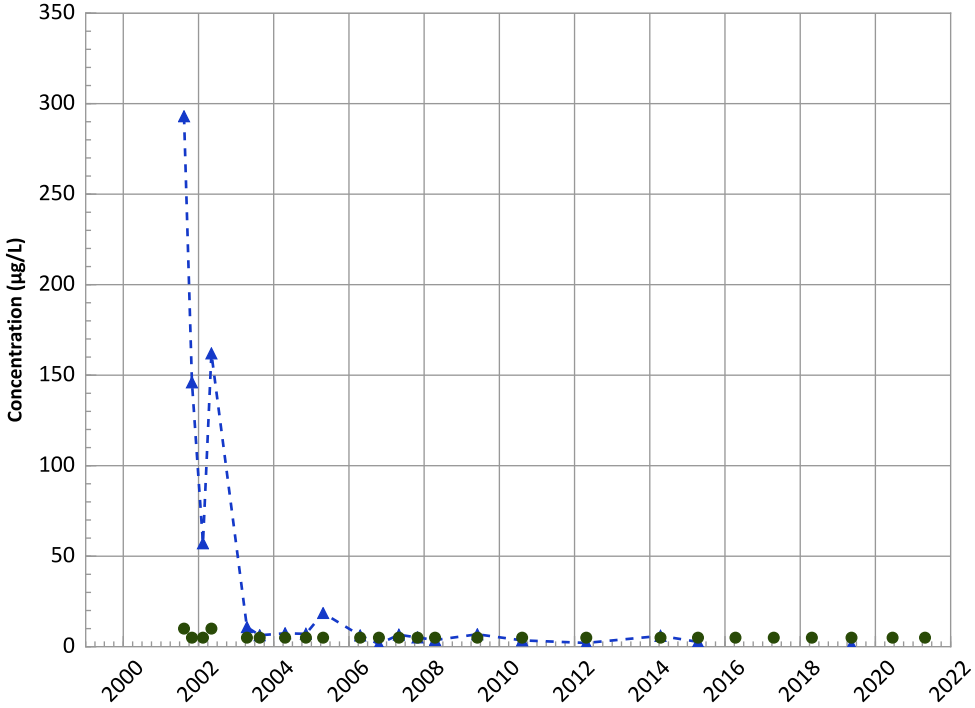


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

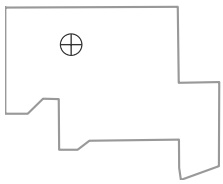
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

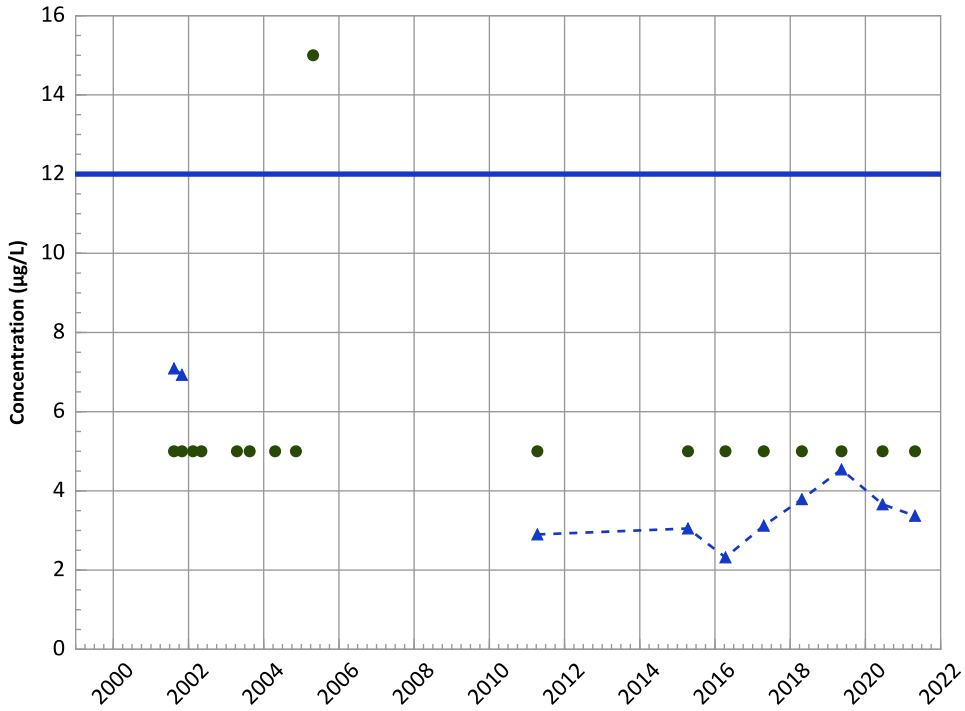
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
━ Groundwater Protection Standard

Well Location



PTX06-1057A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

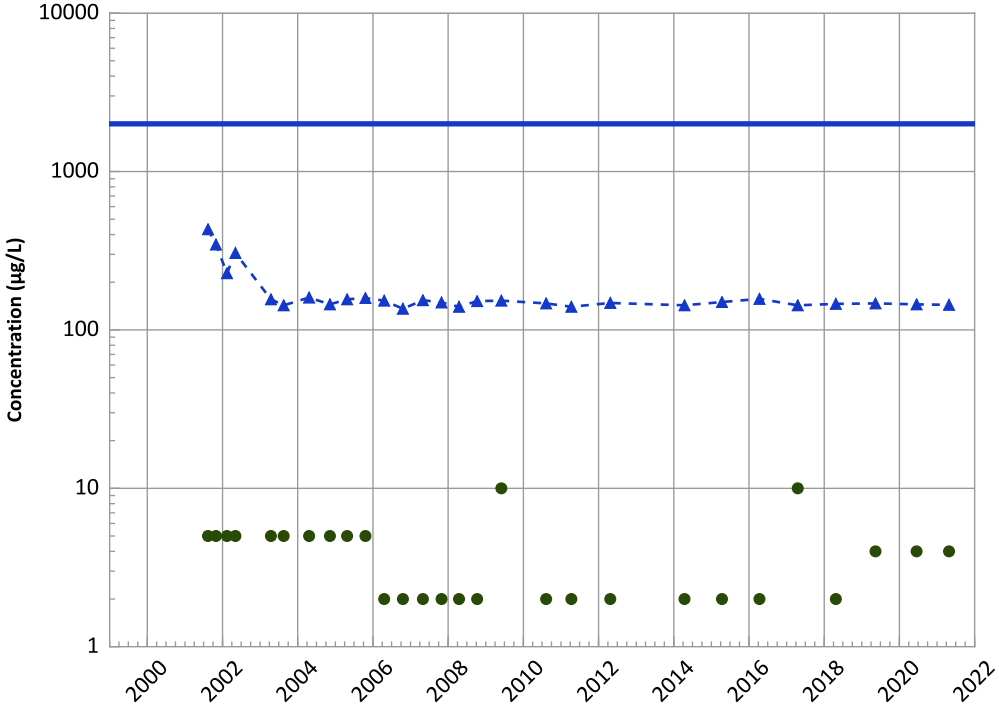


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

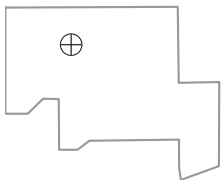
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

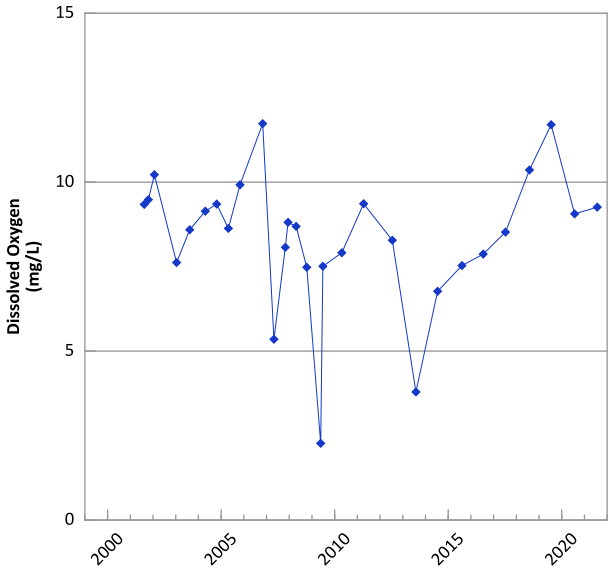
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/13/2001 to 04/27/2021
Analysis Date: 04/29/2022

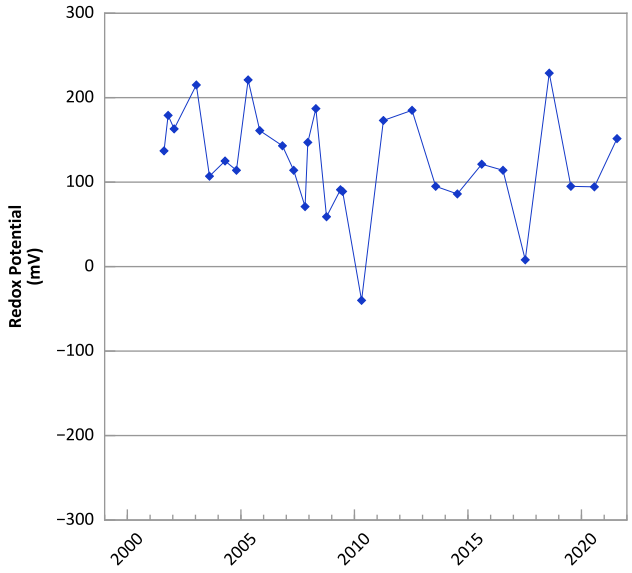
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

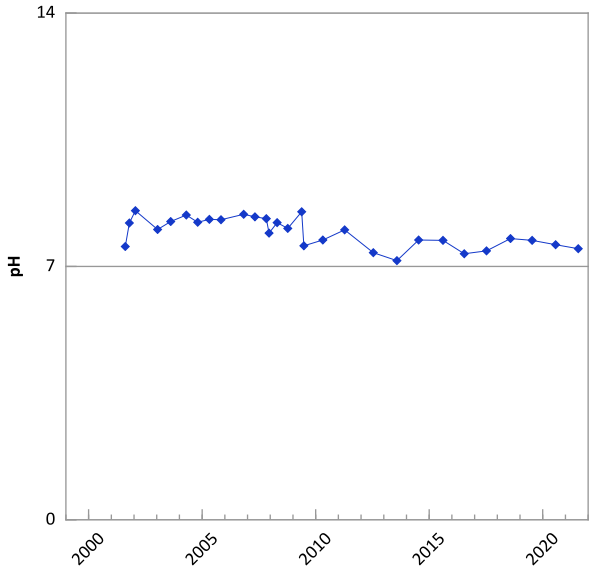
Well Location

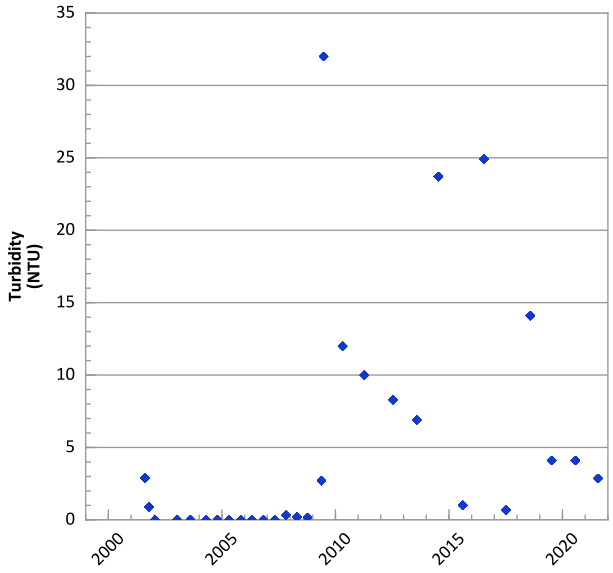


PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



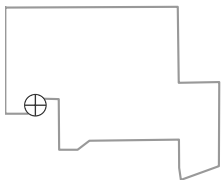






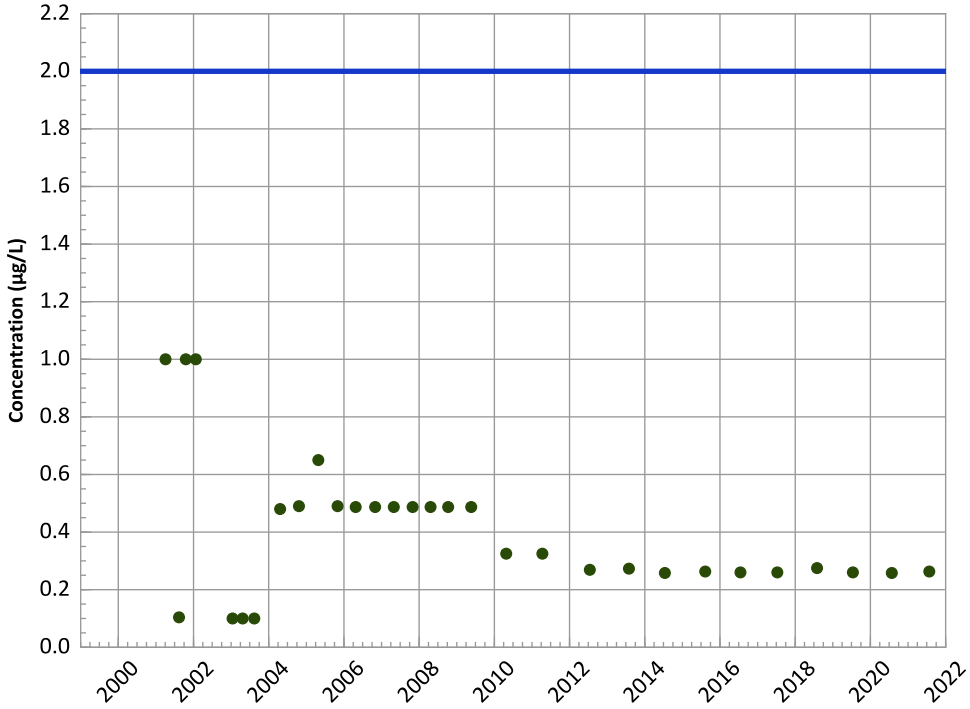
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

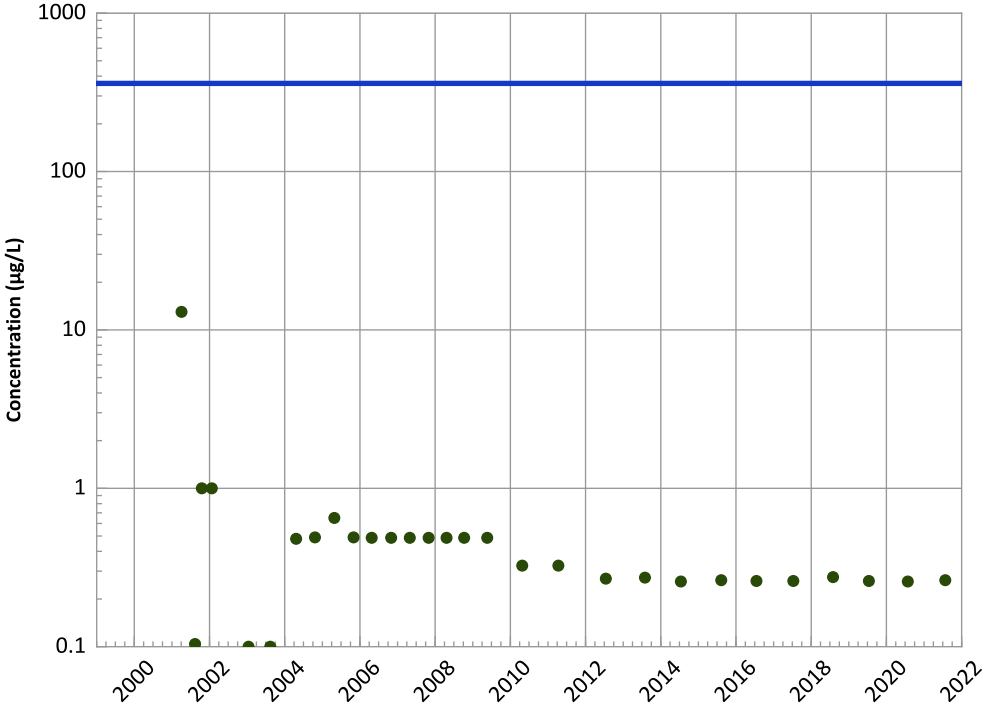


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

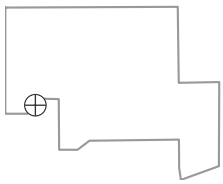
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

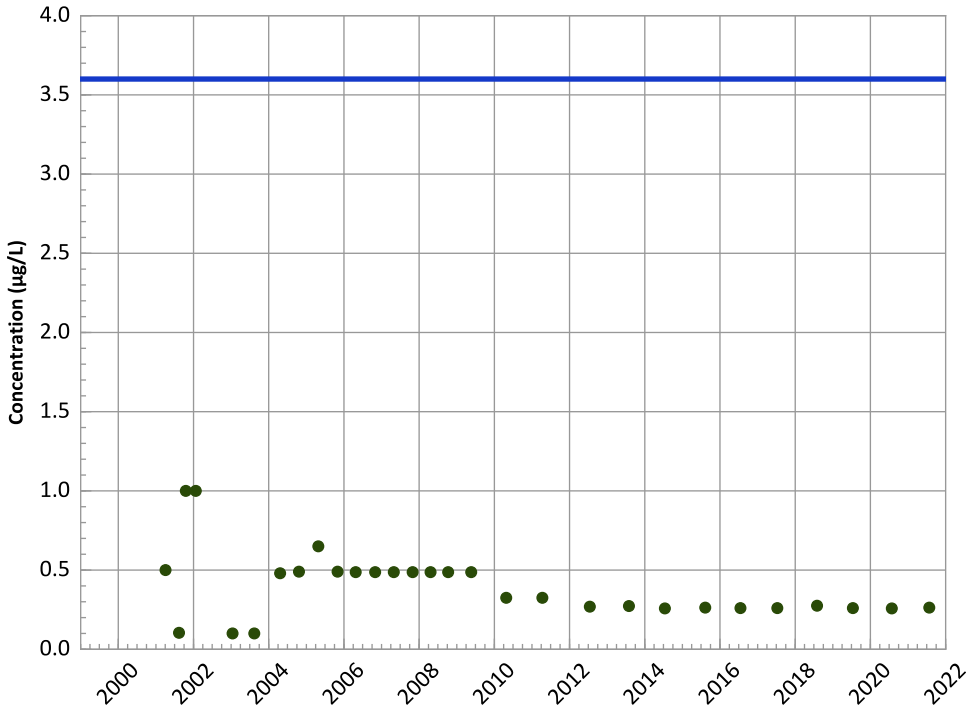
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

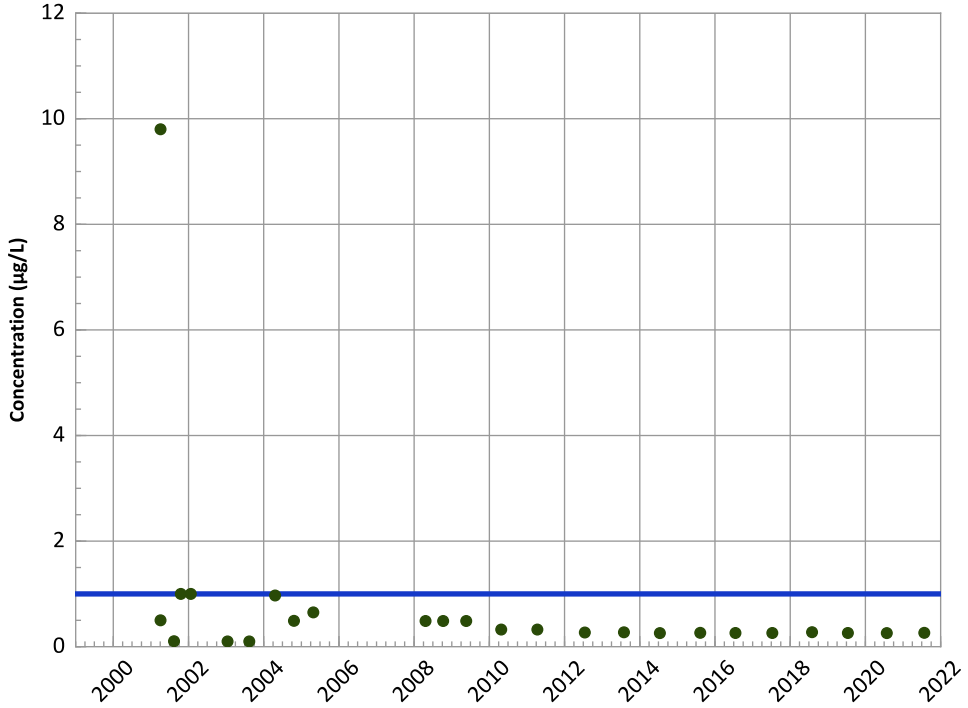


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

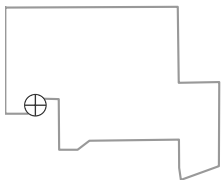
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

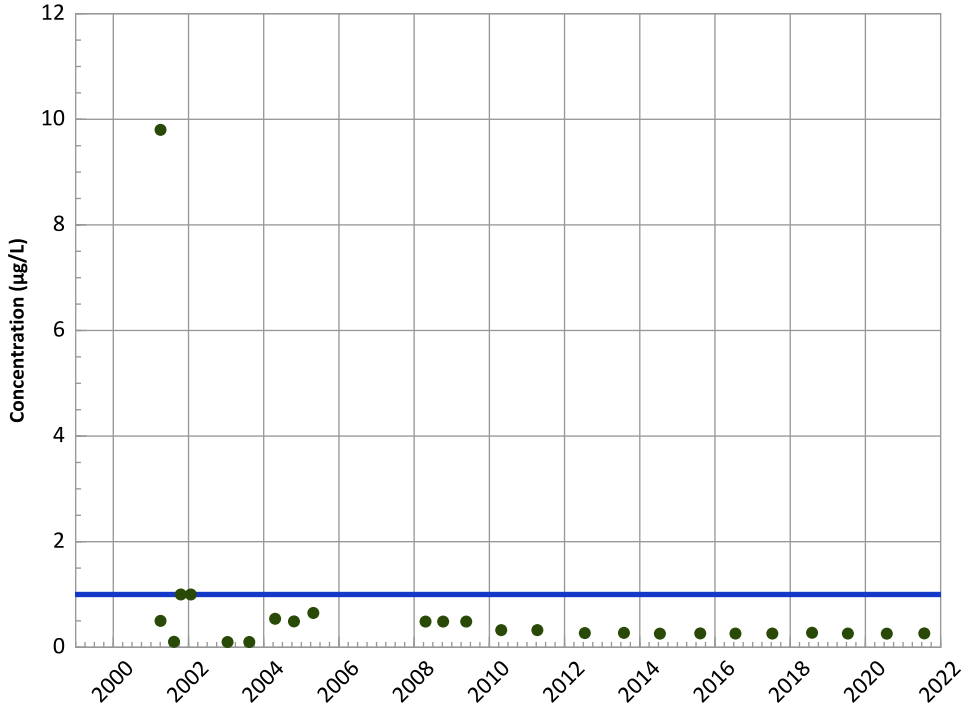
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

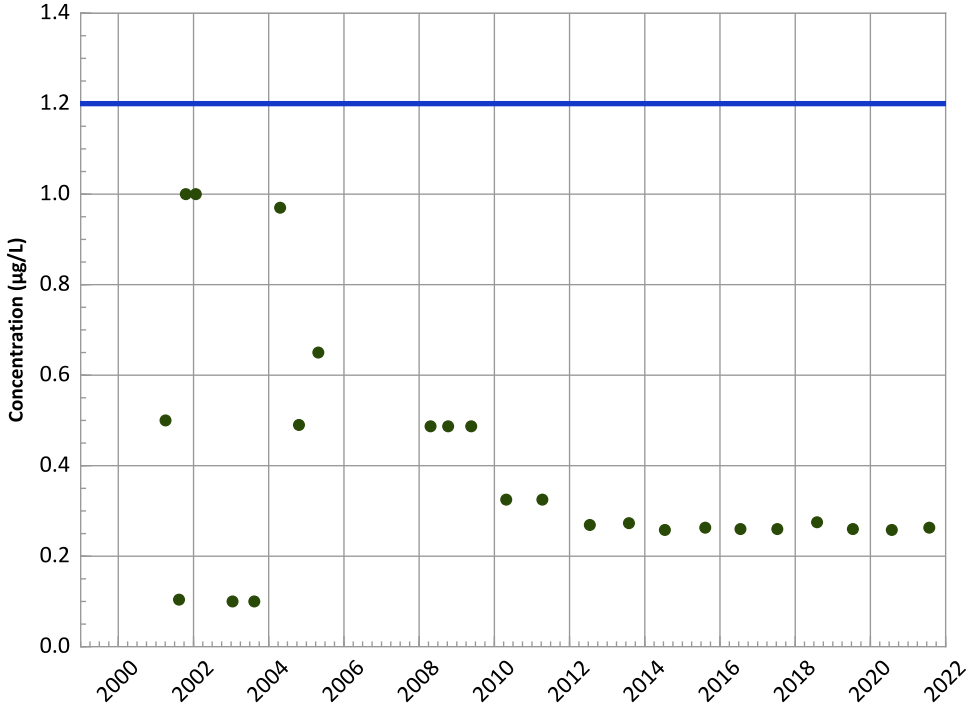


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

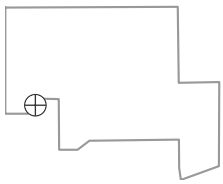


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

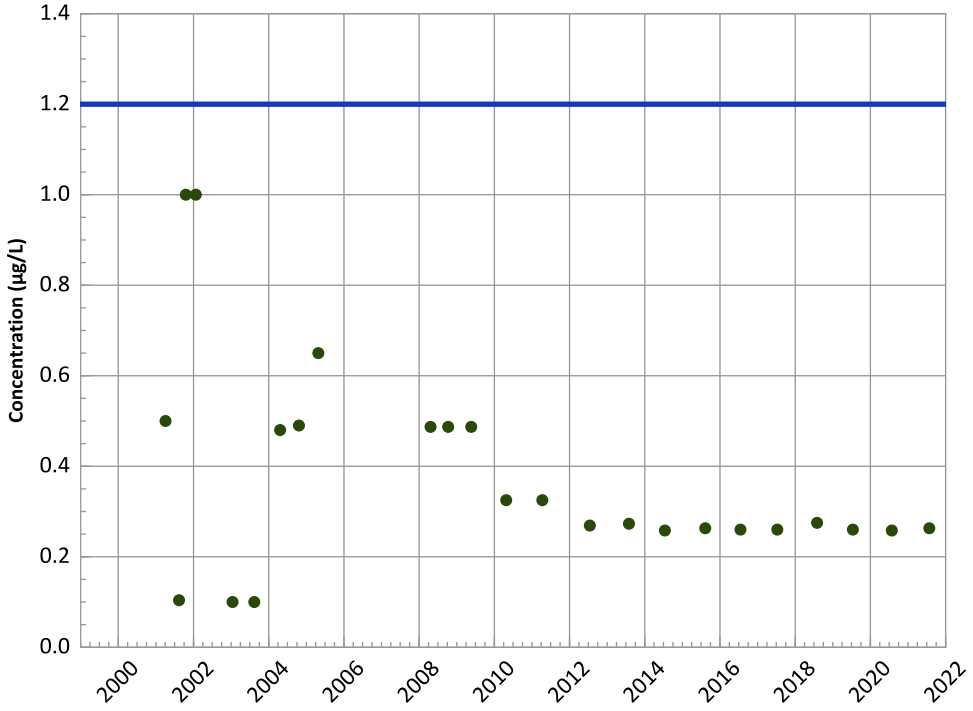


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

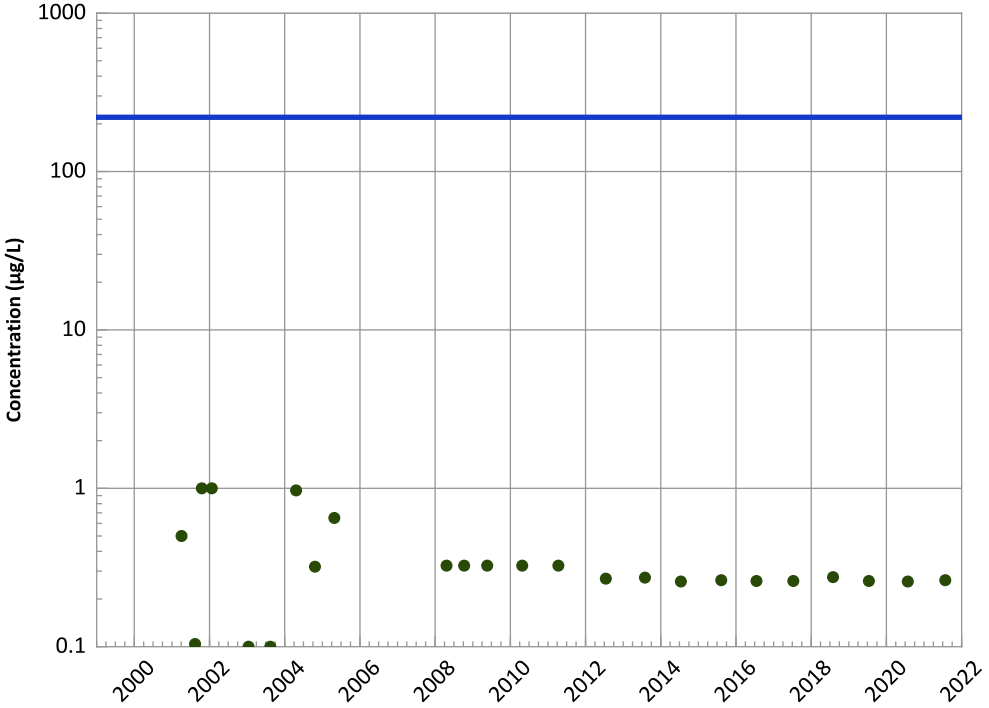


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

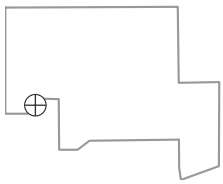
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

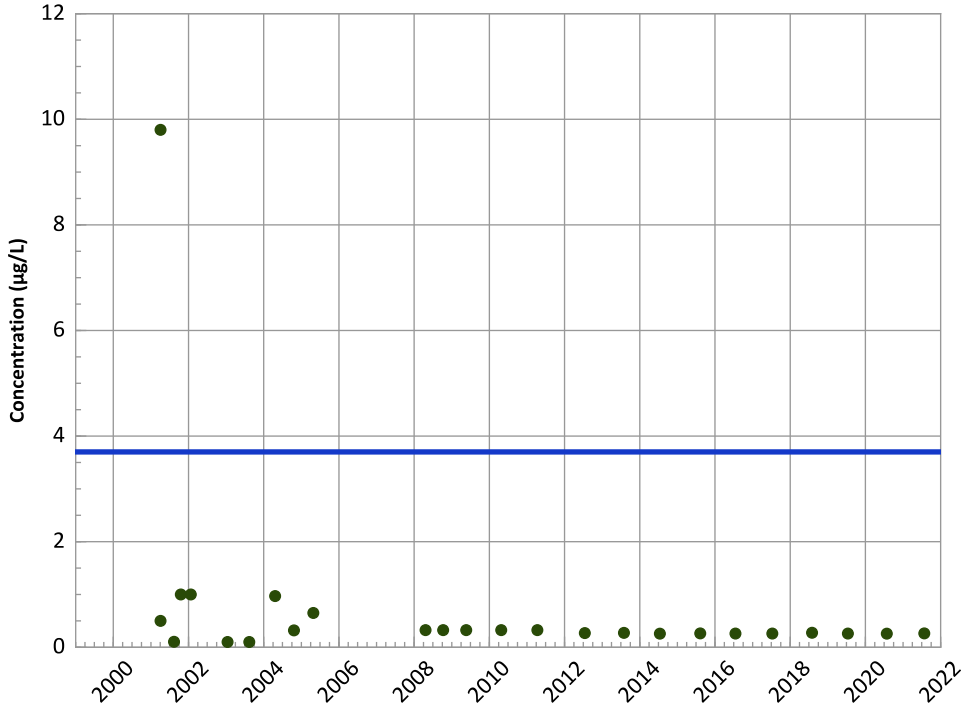
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

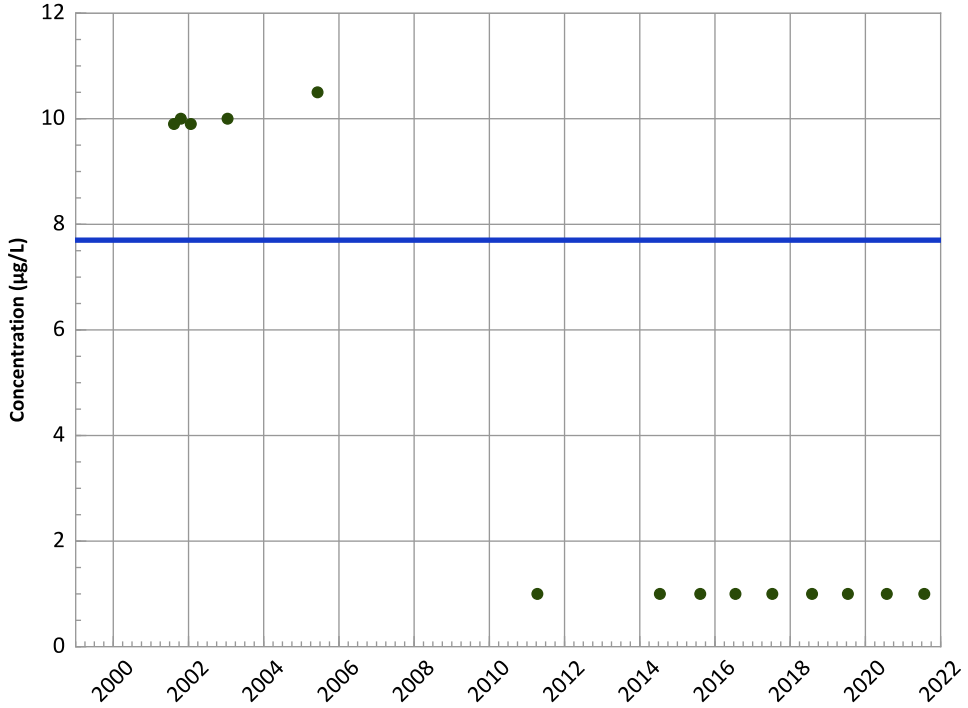


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

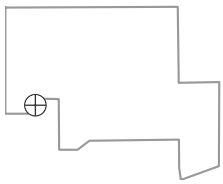
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

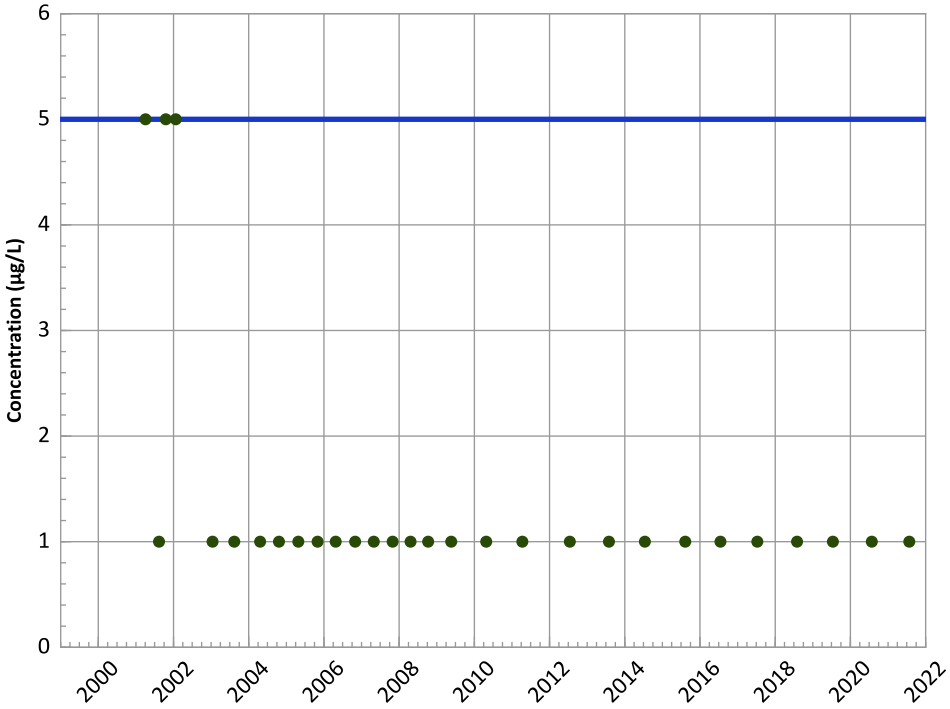
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

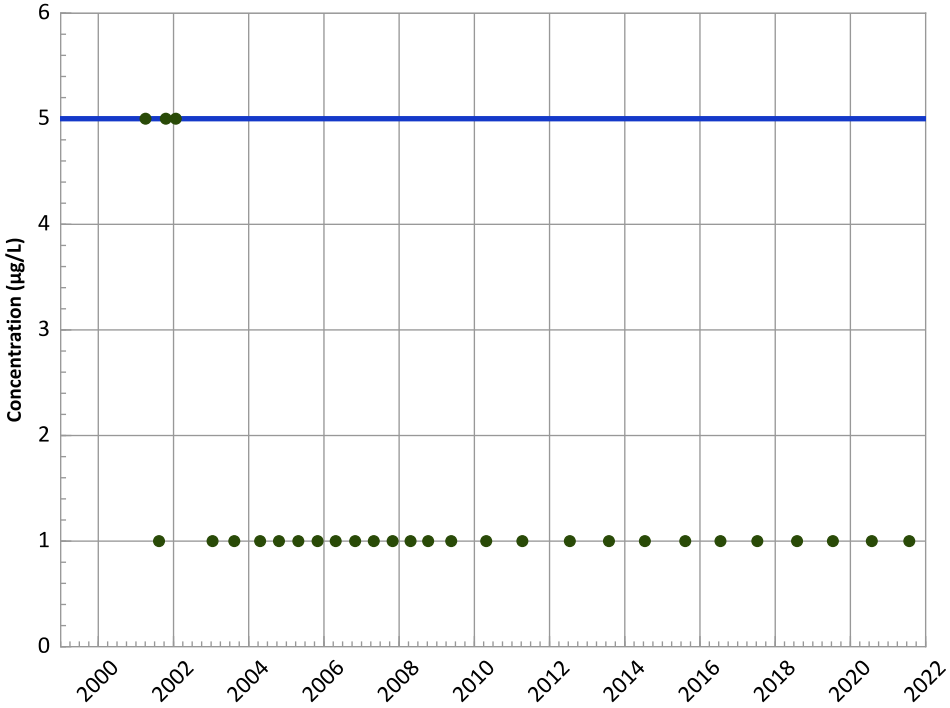


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

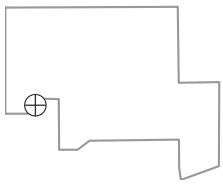


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

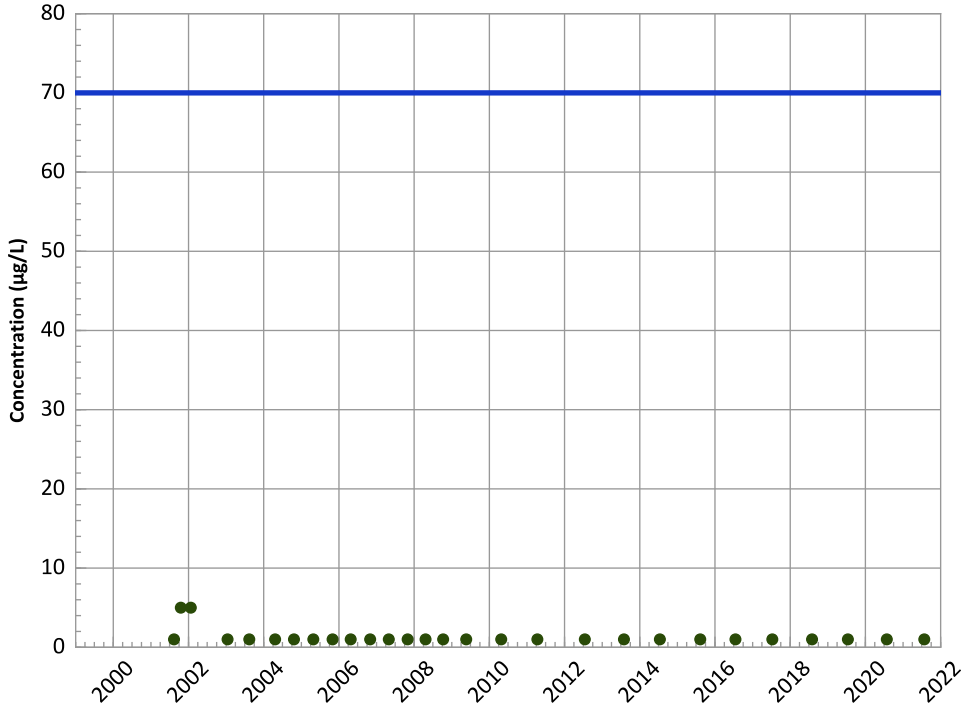


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

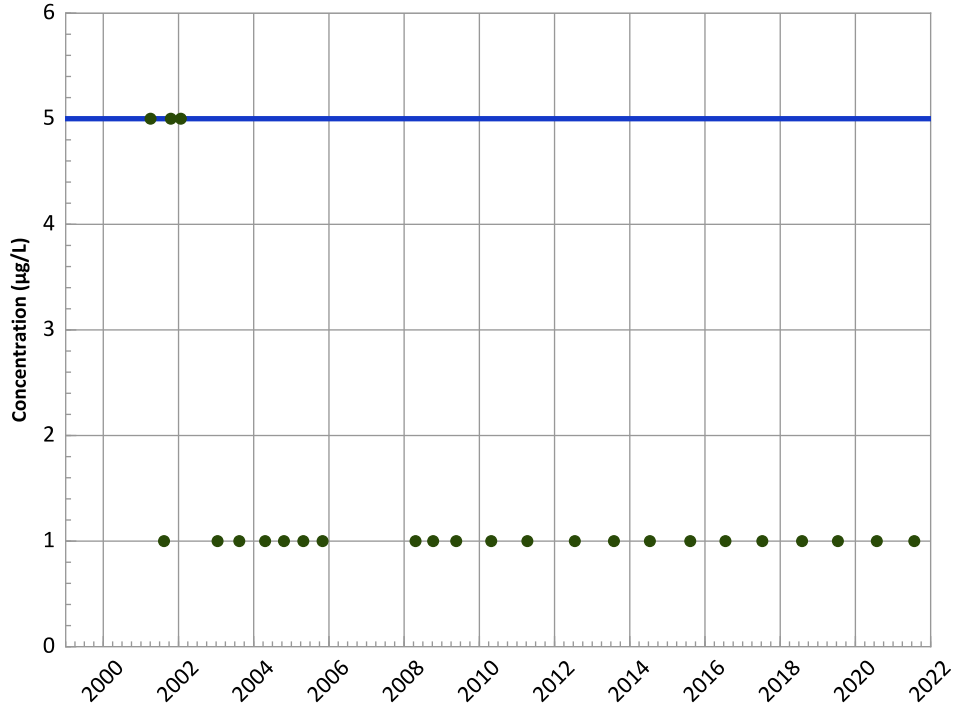


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

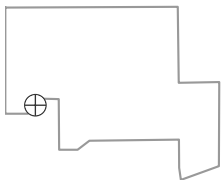
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

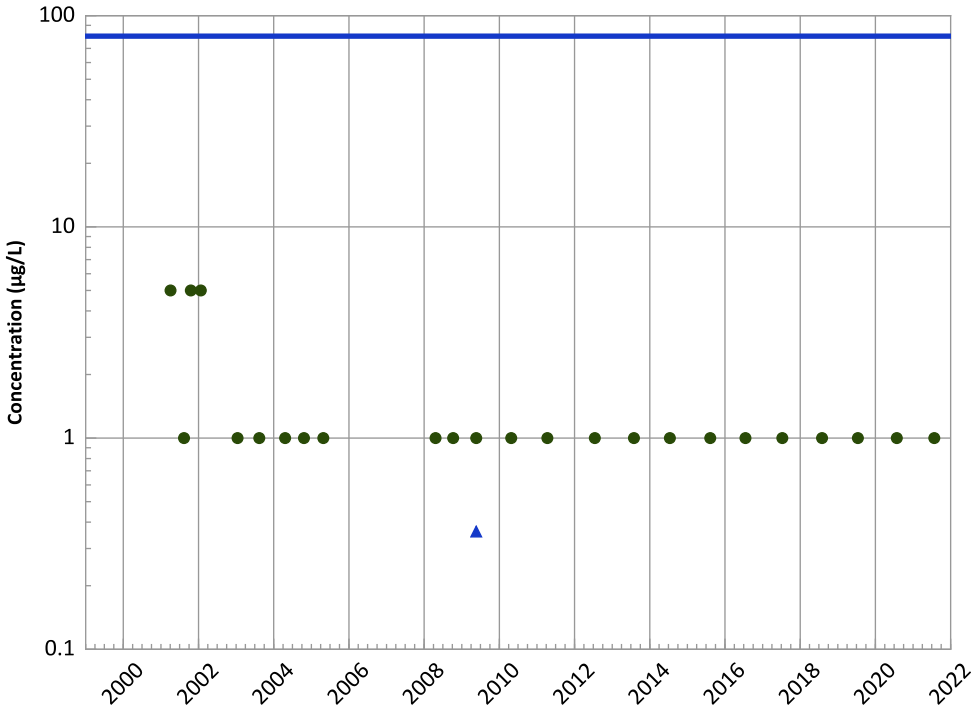
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

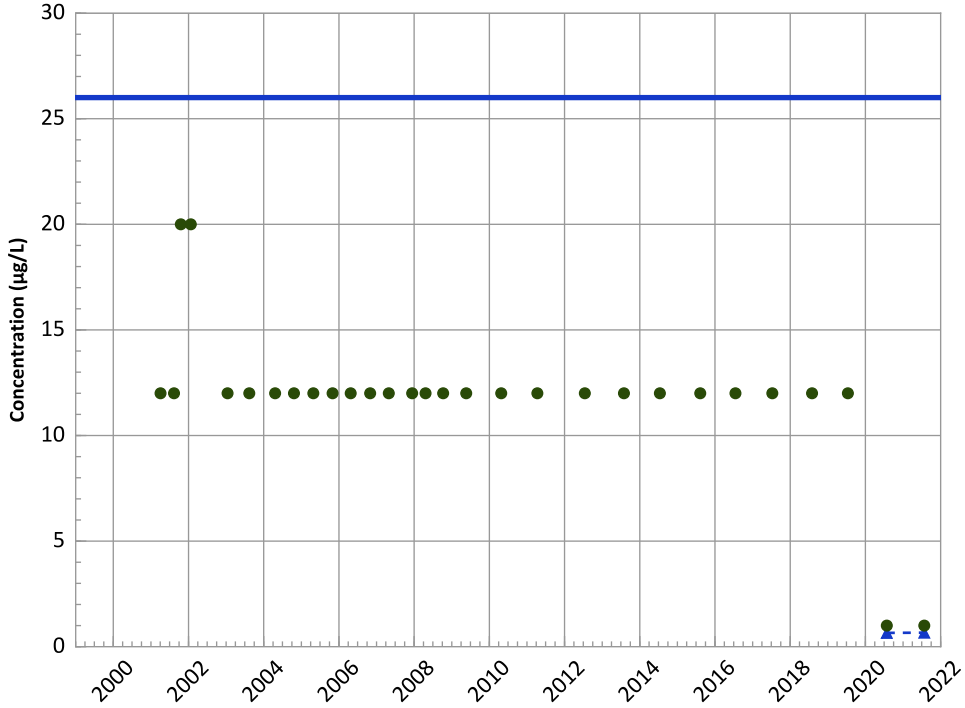


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Perchlorate Trend



Concentration Trend

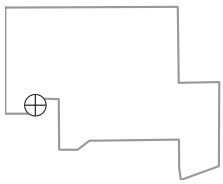
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

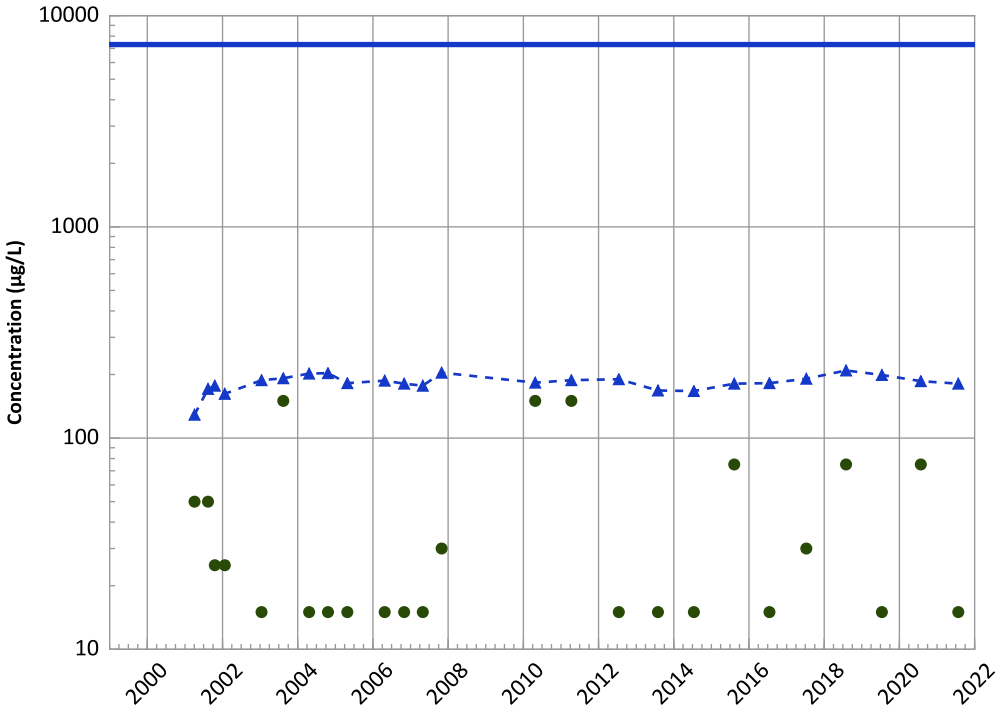
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

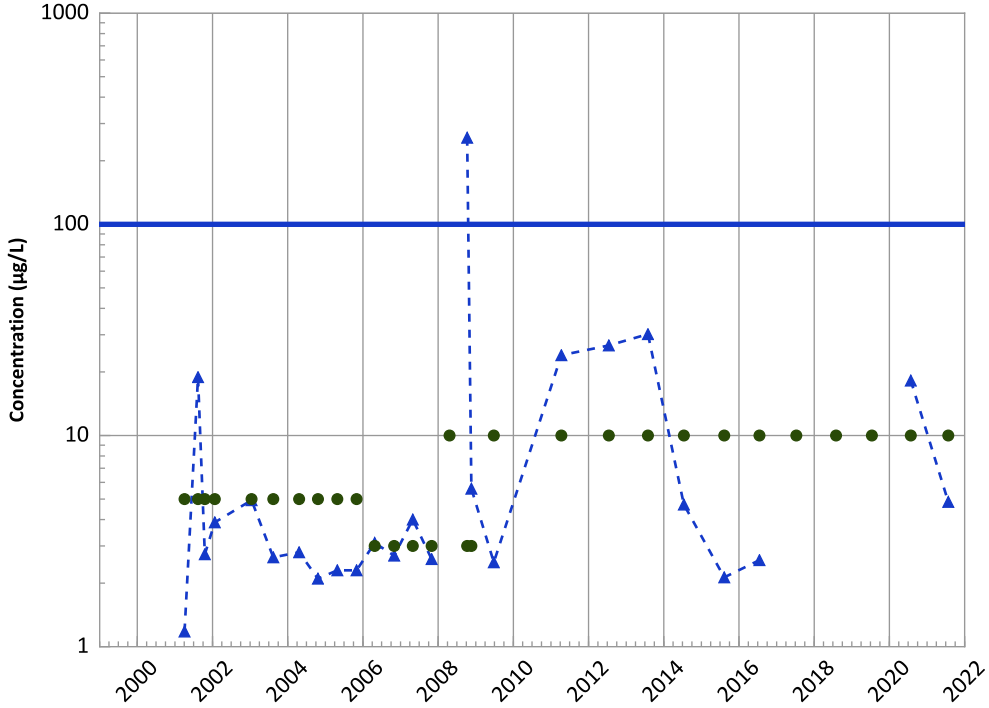


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

Chromium, Total Trend



Concentration Trend

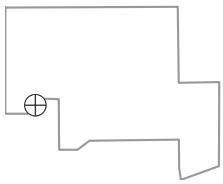
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

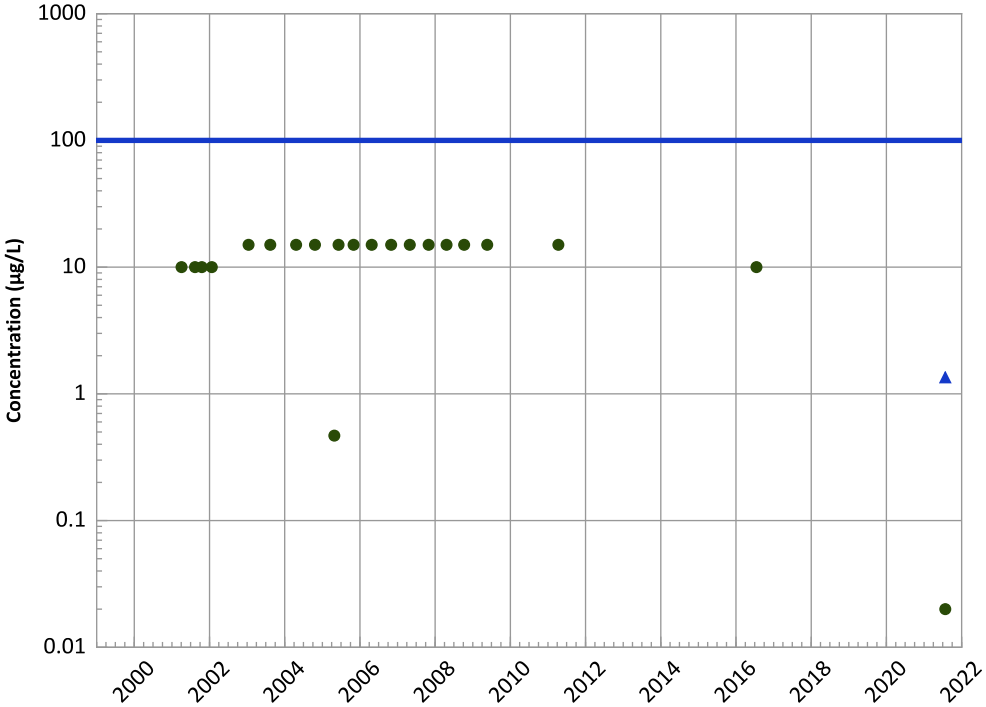
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

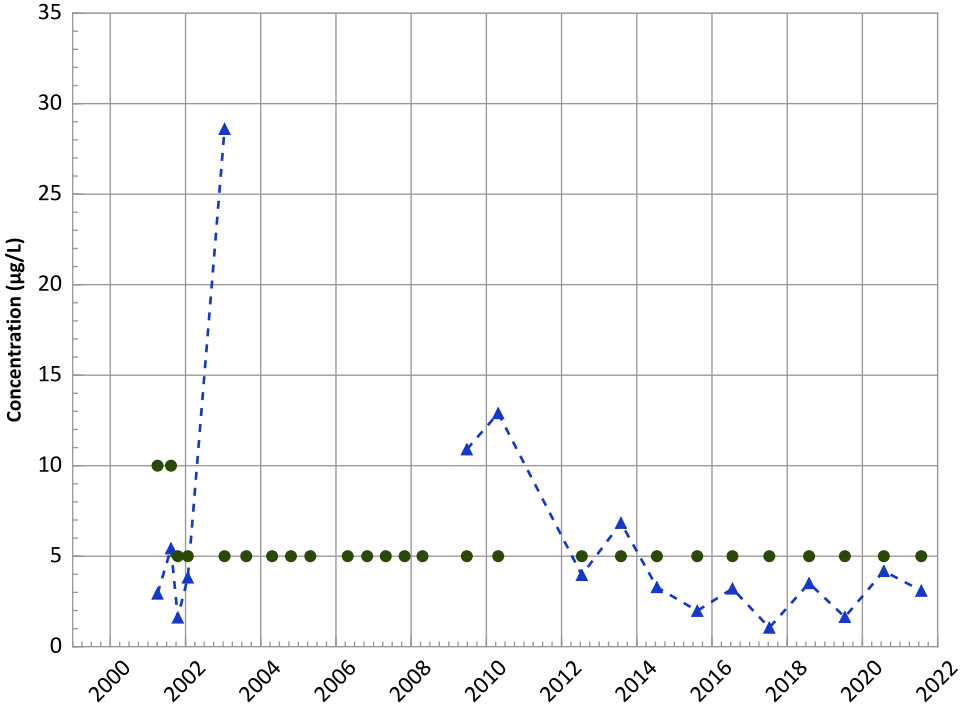


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

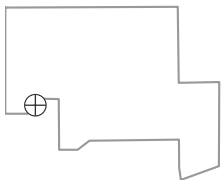
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

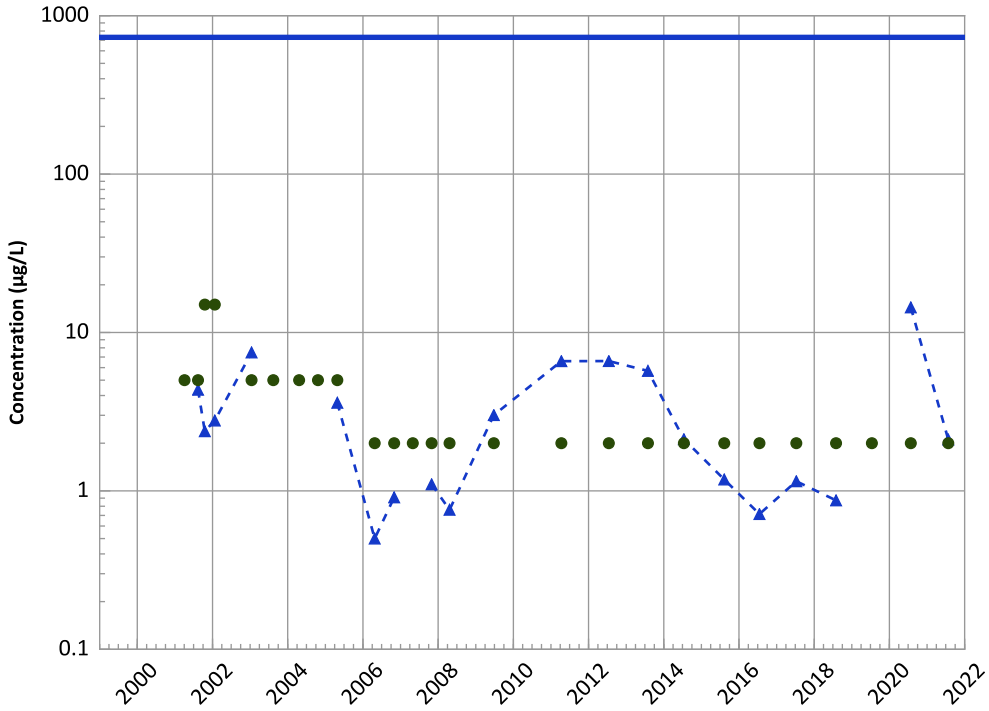
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

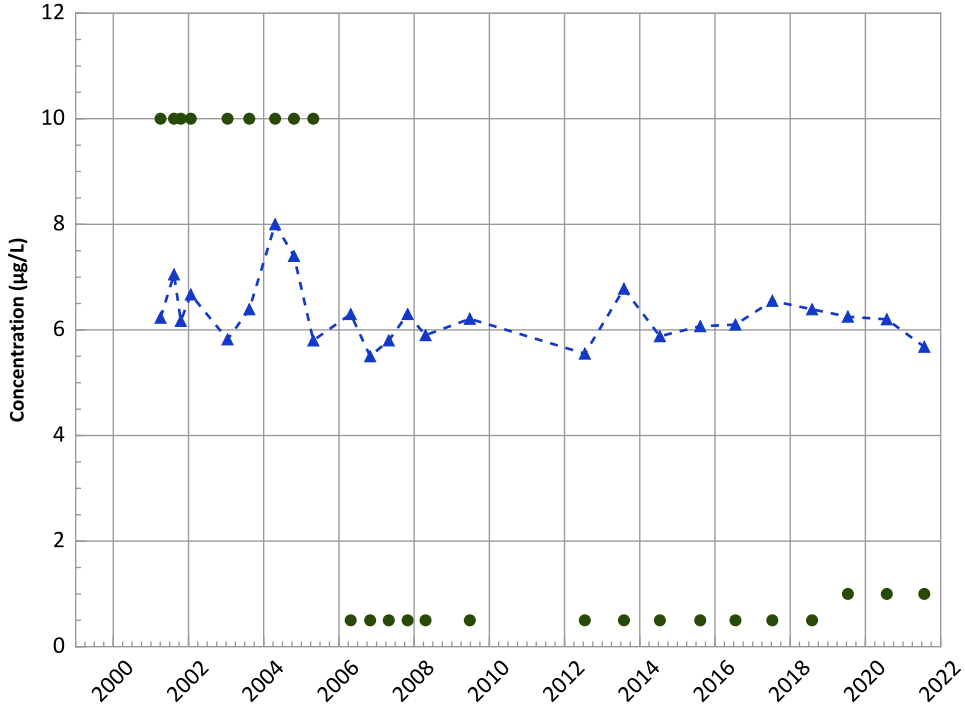


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

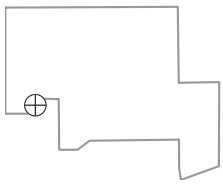
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

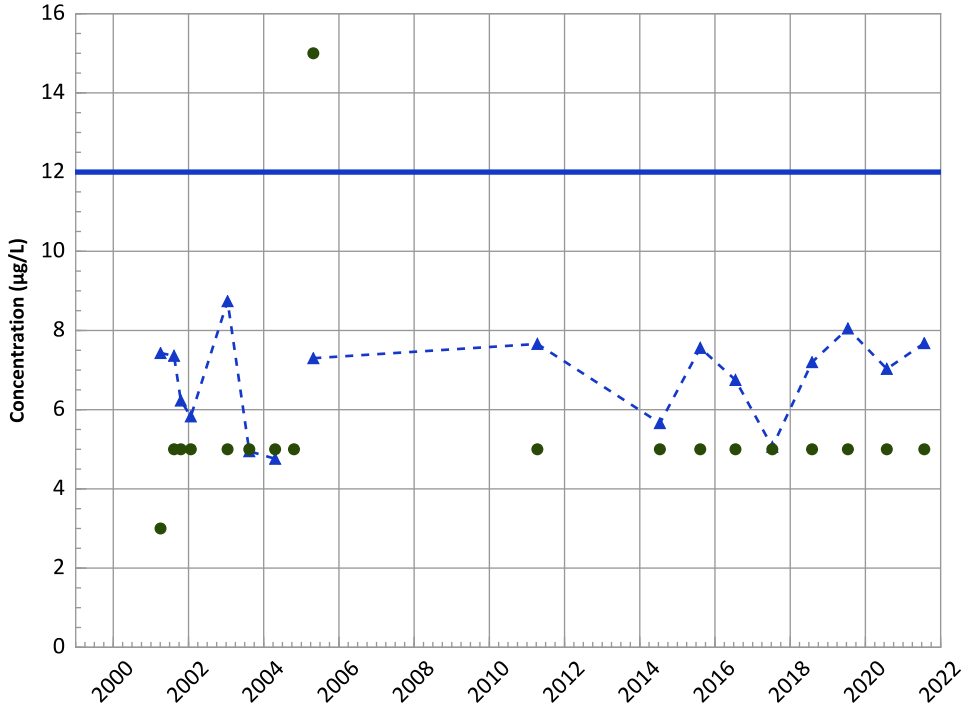
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

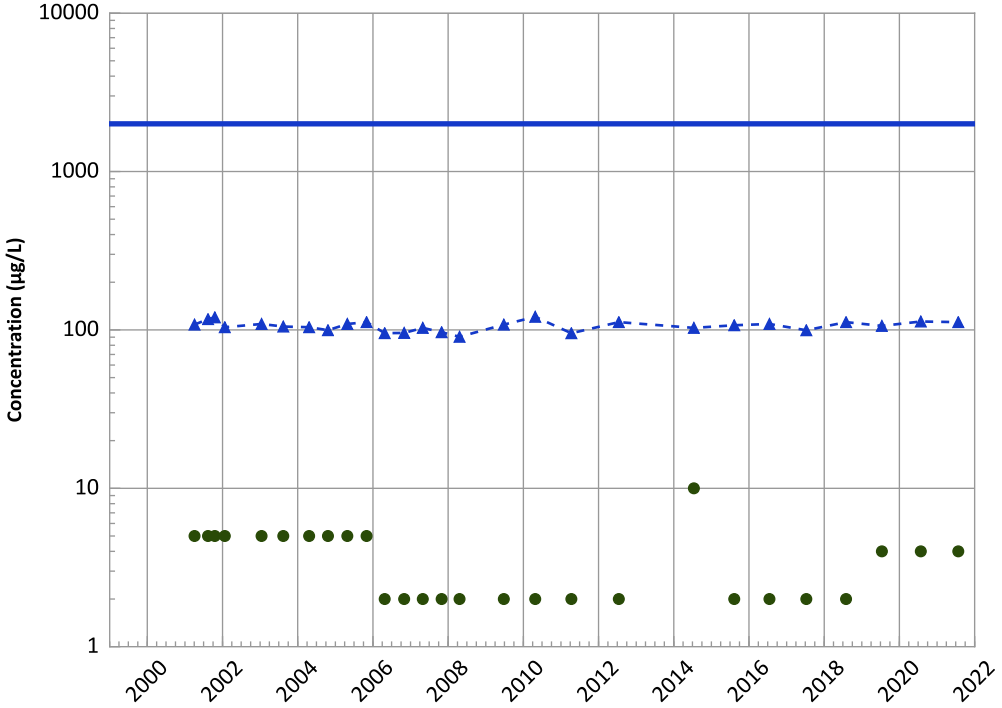


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

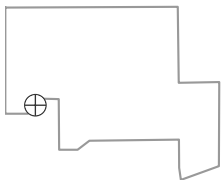
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

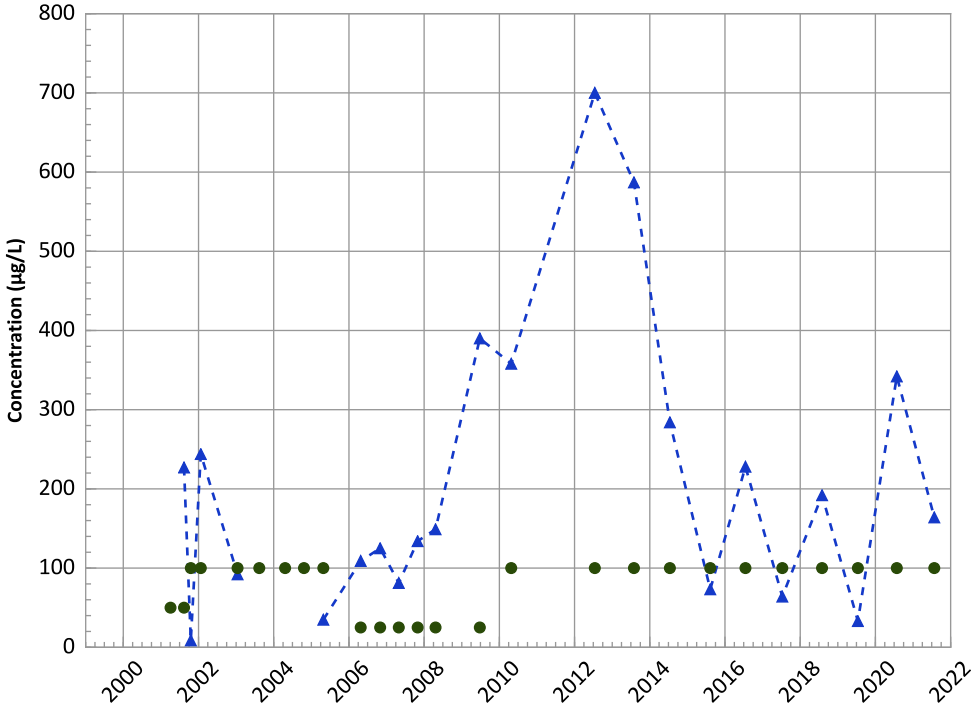
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1058 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

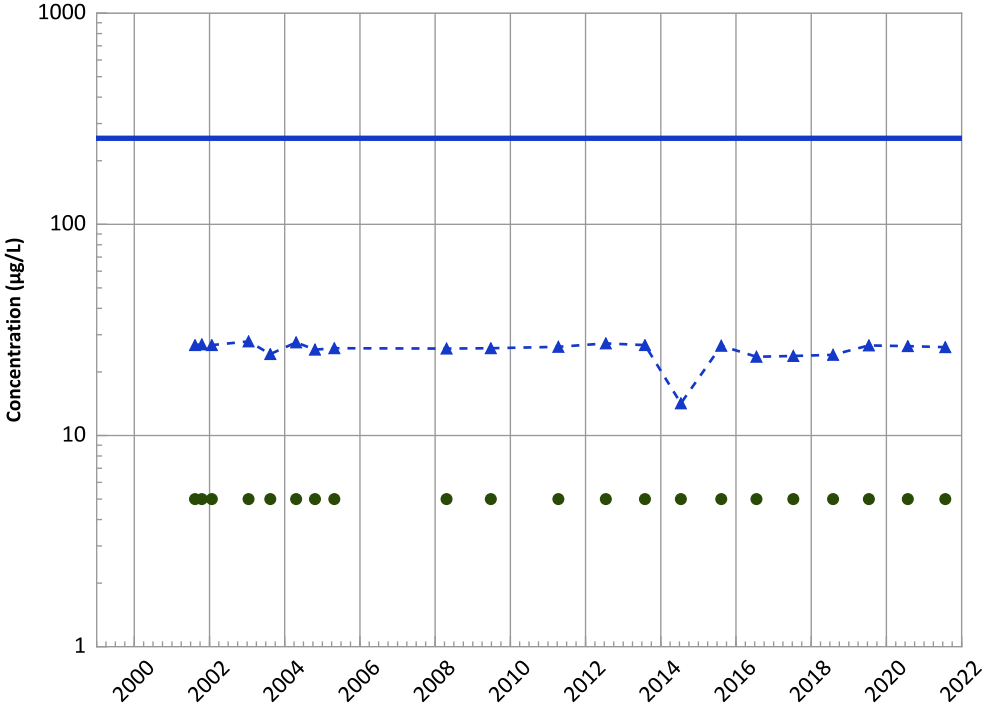


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

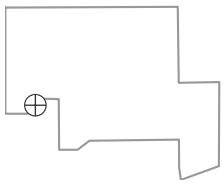
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

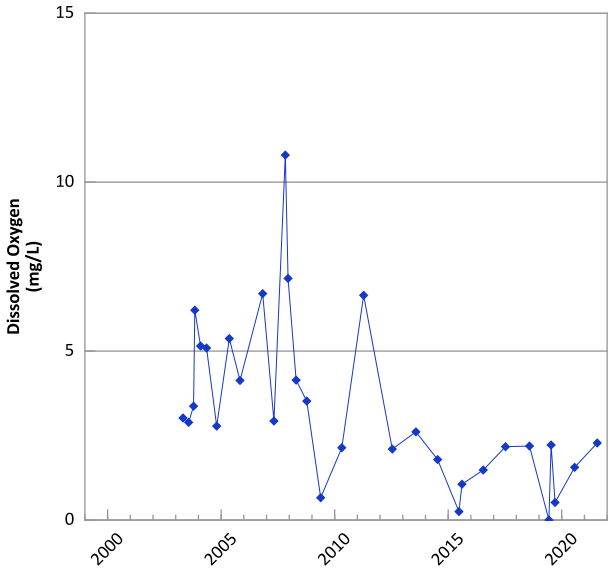
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

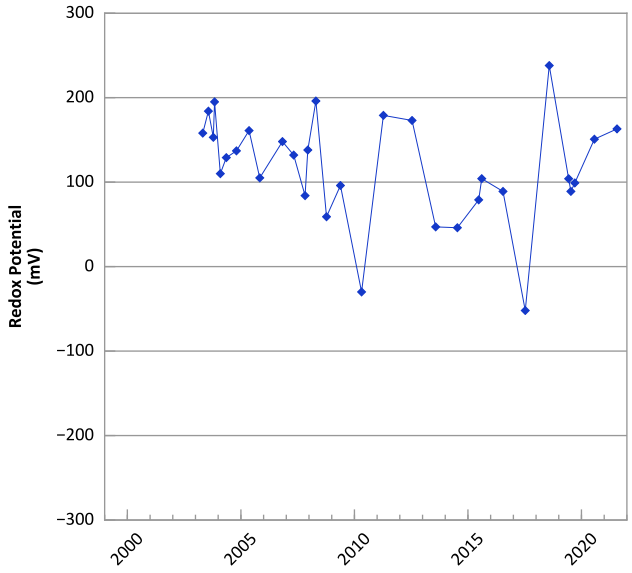
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

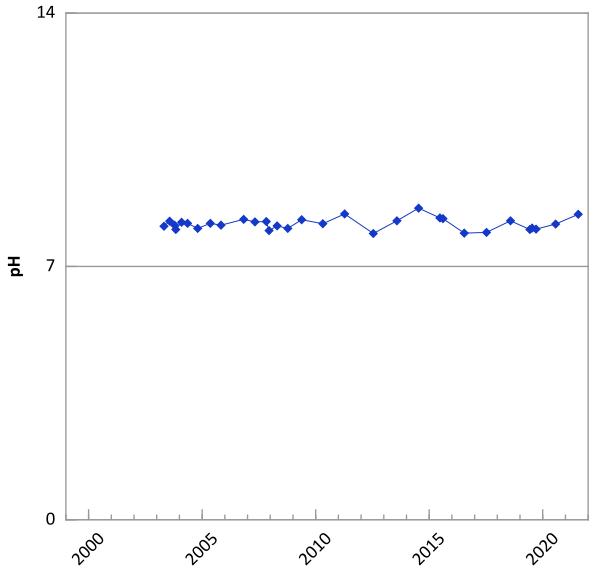
Well Location

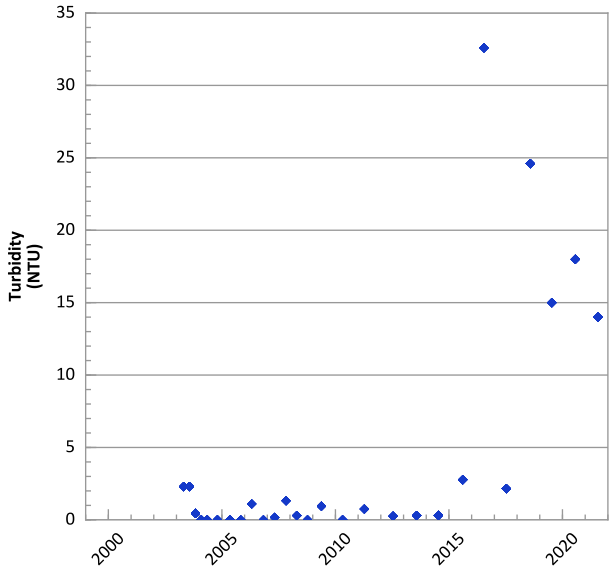


PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



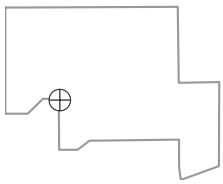






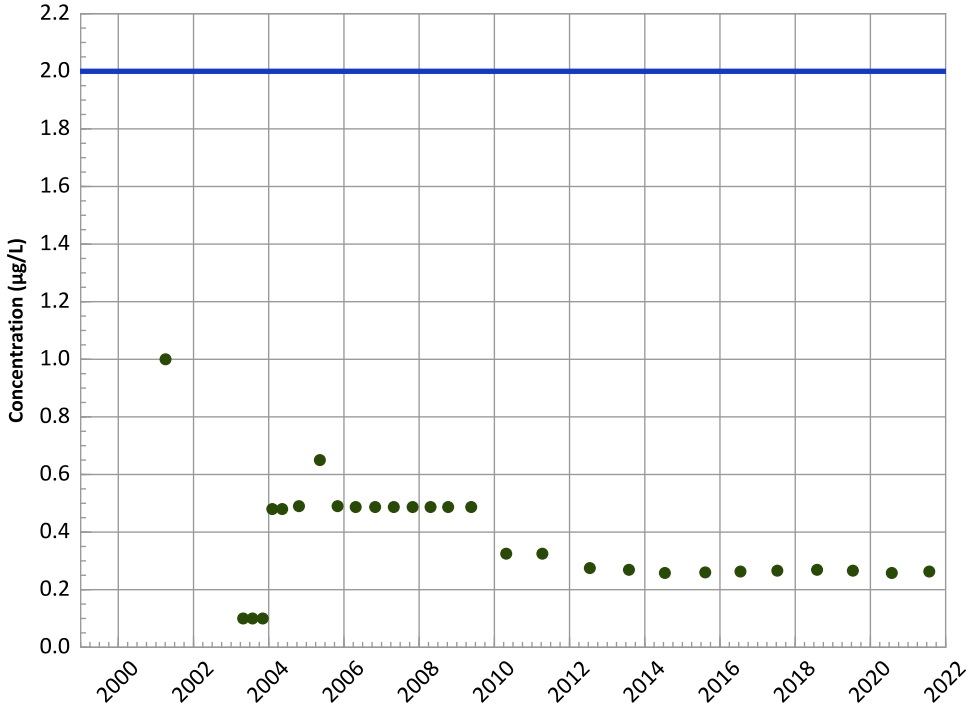
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

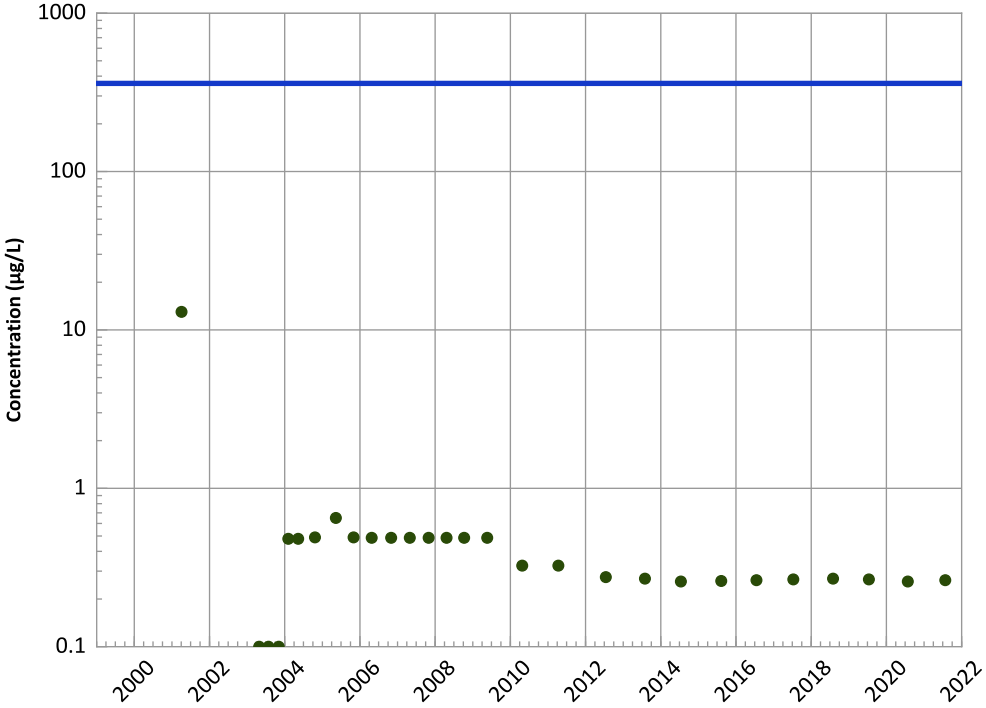


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

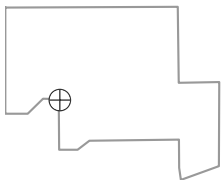
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

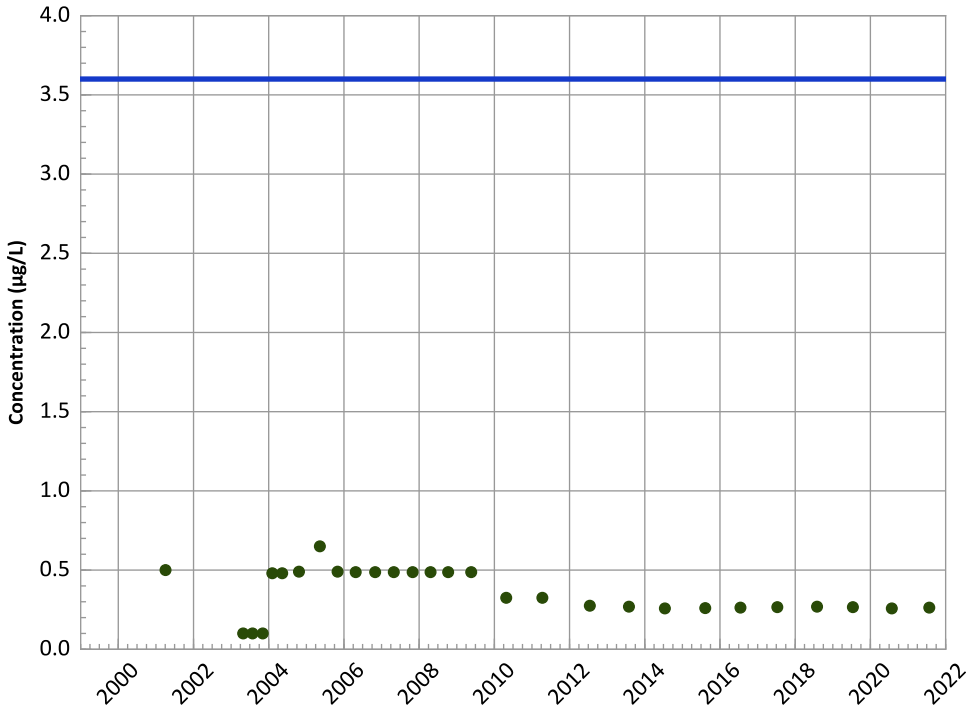
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

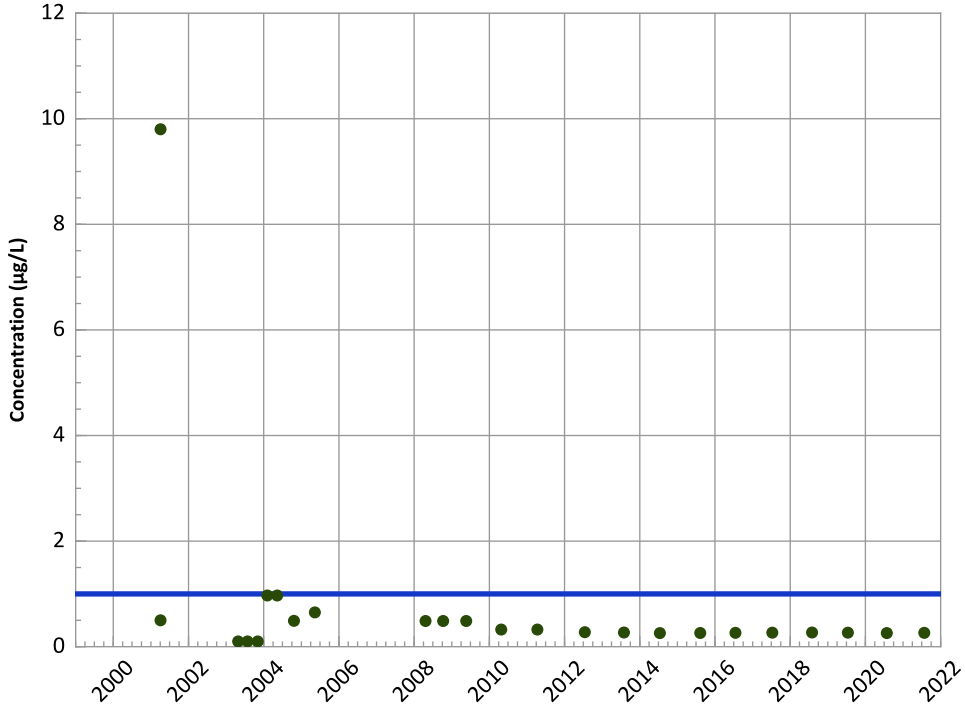


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

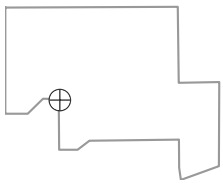
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

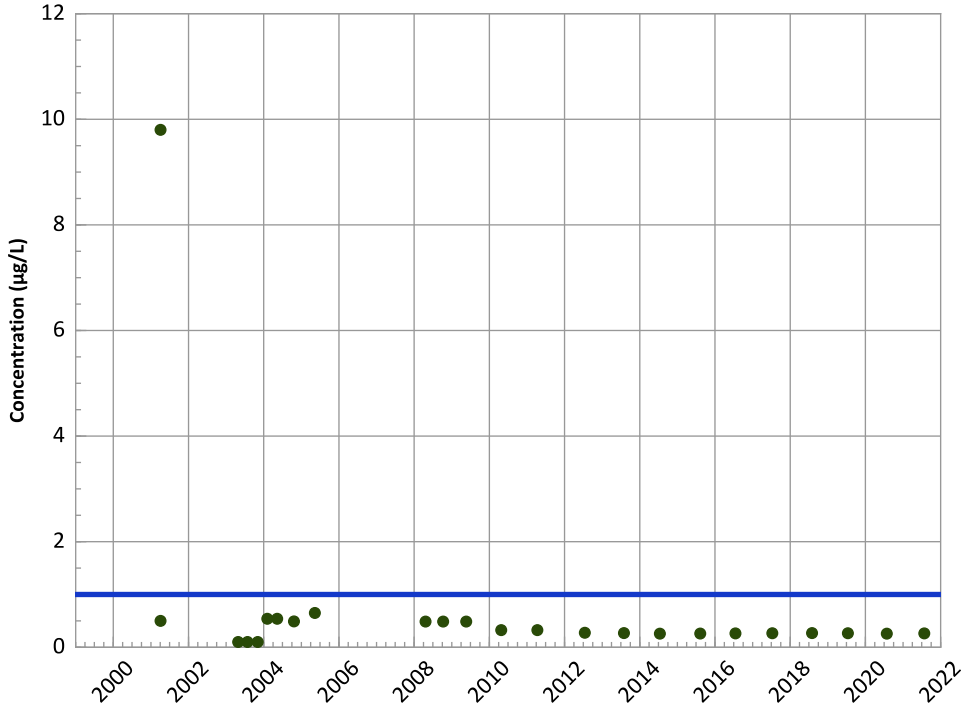
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

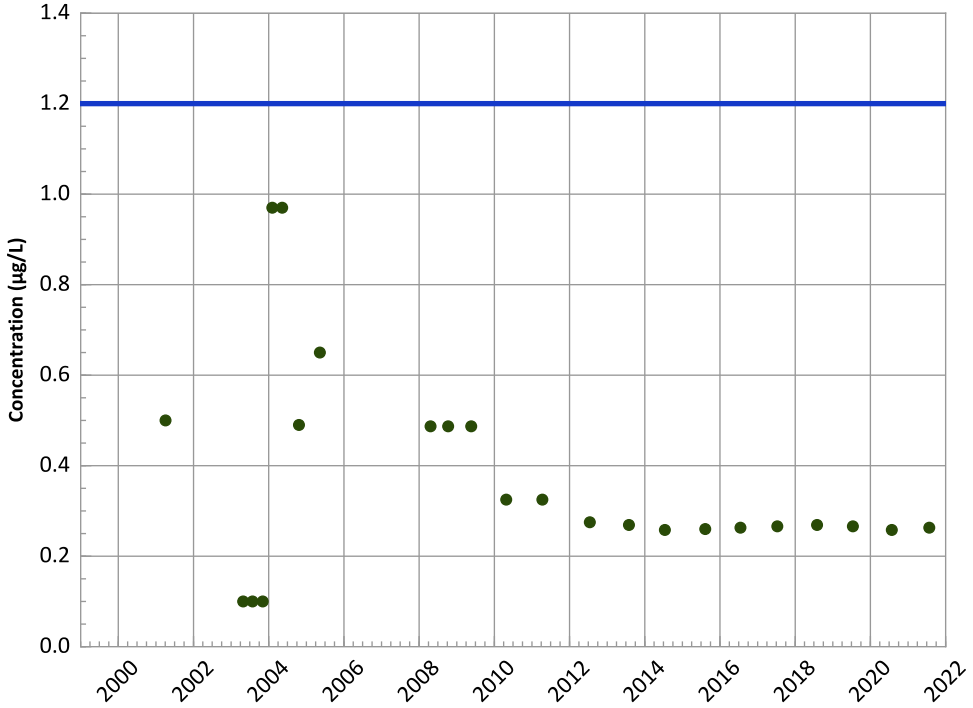


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

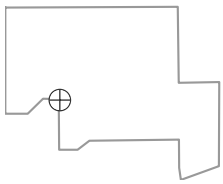


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

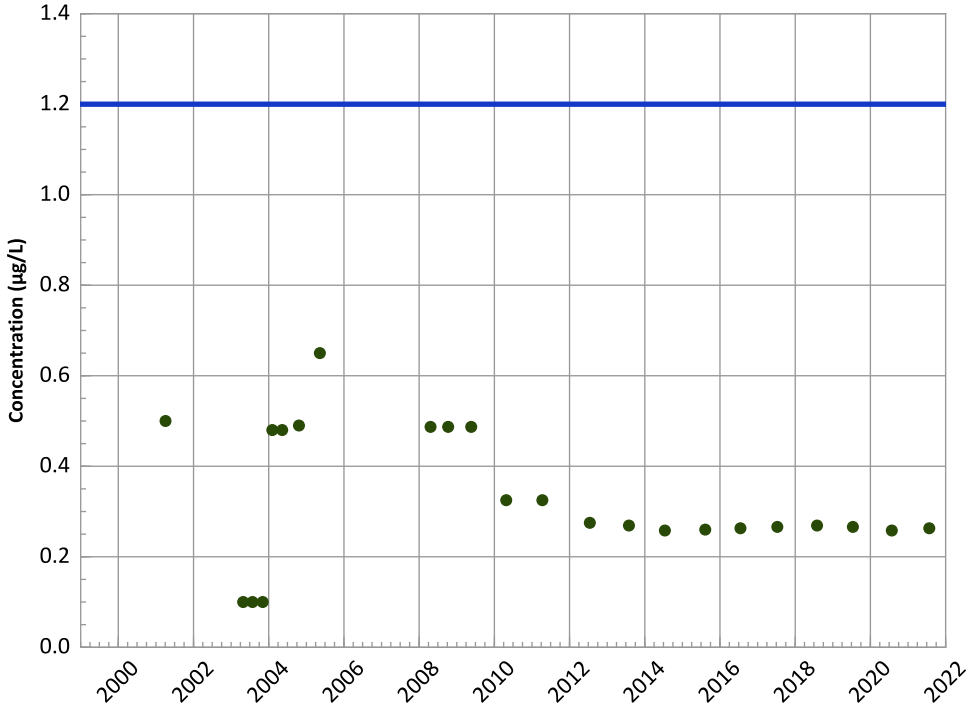


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

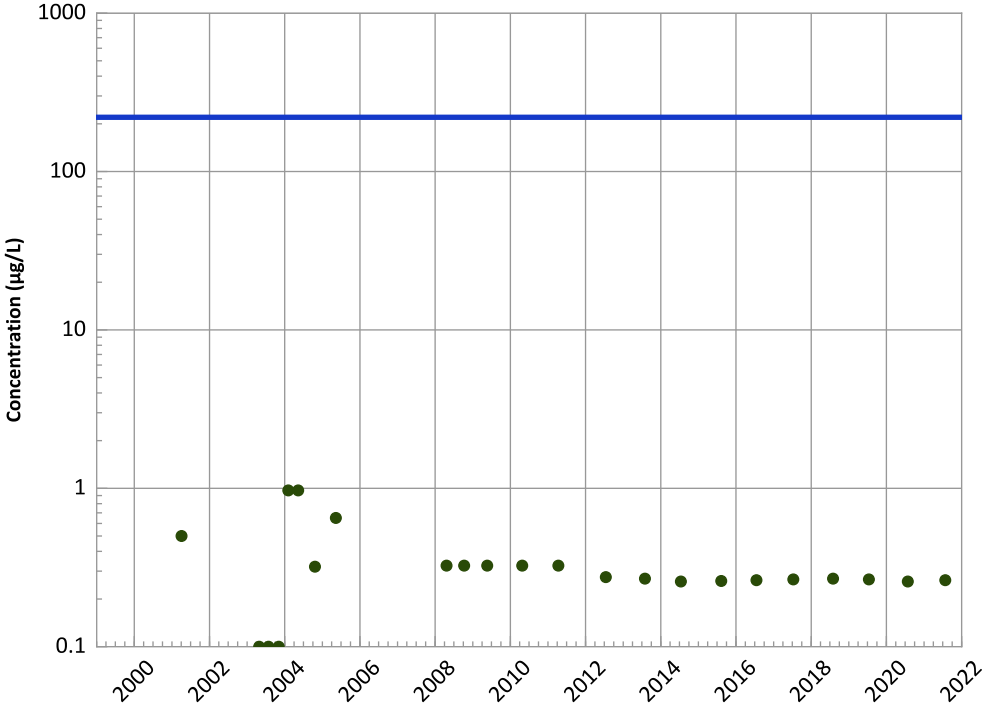


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

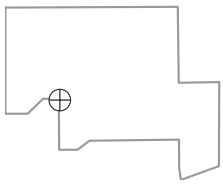
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

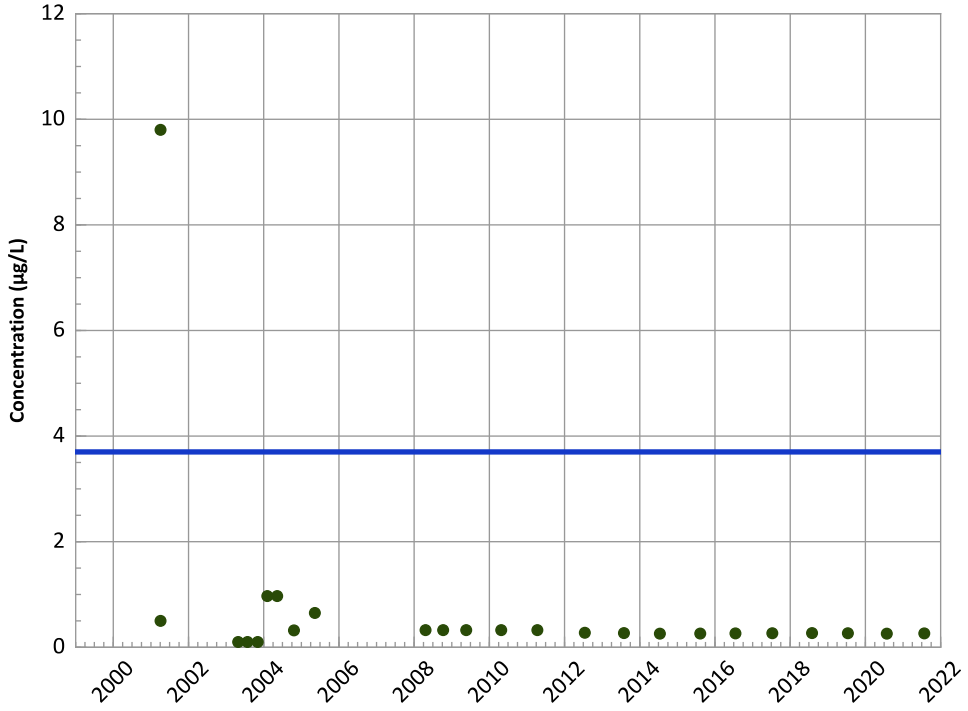
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

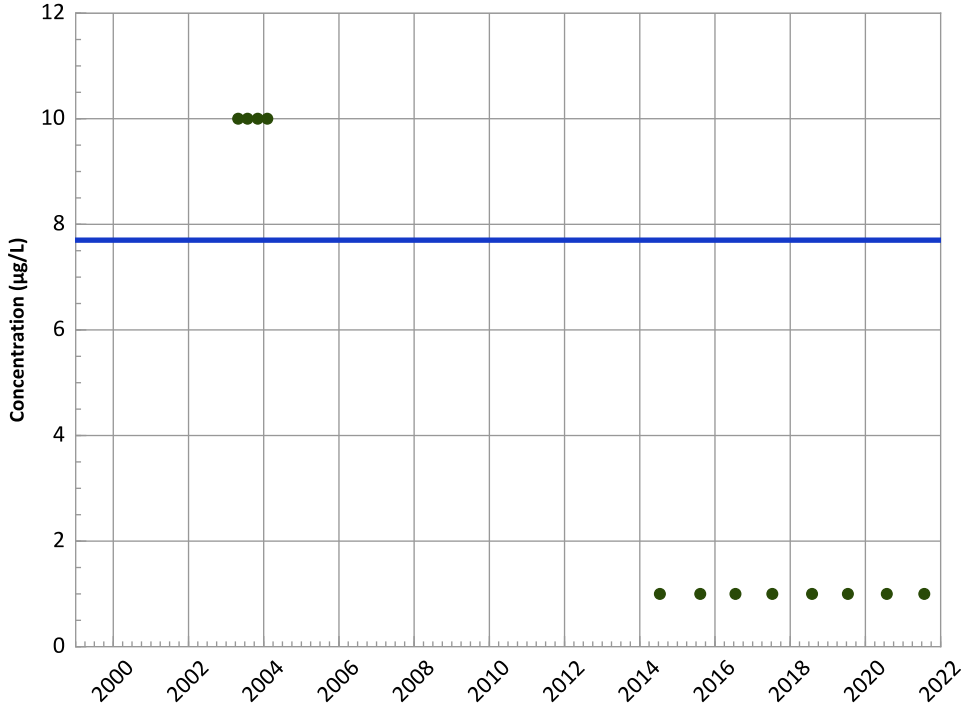


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

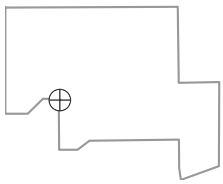
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

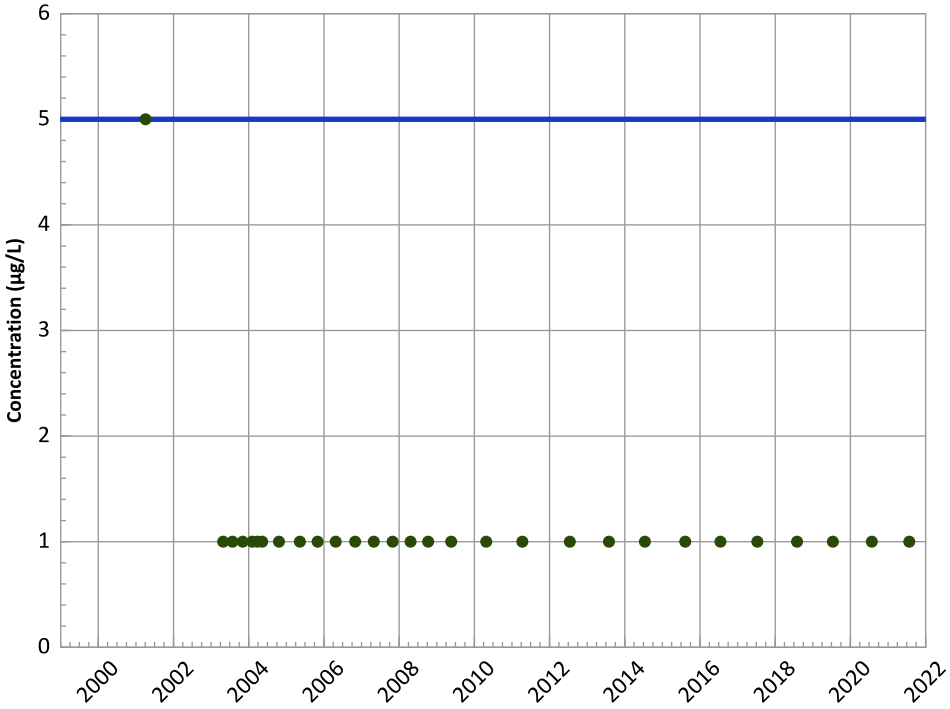
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

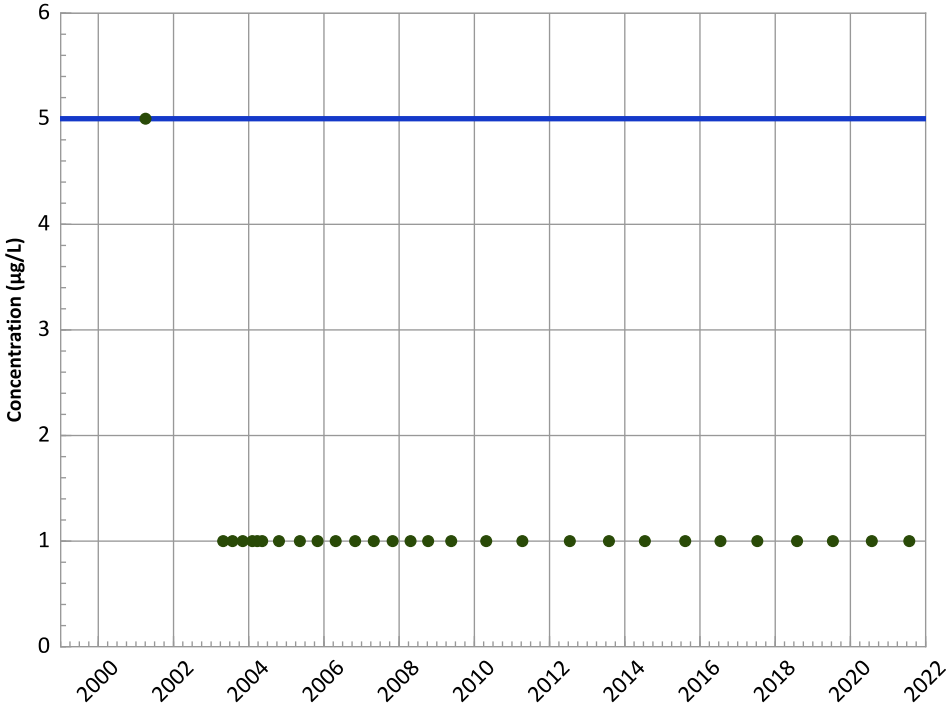


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

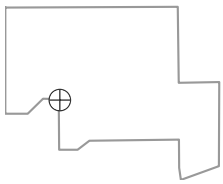


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

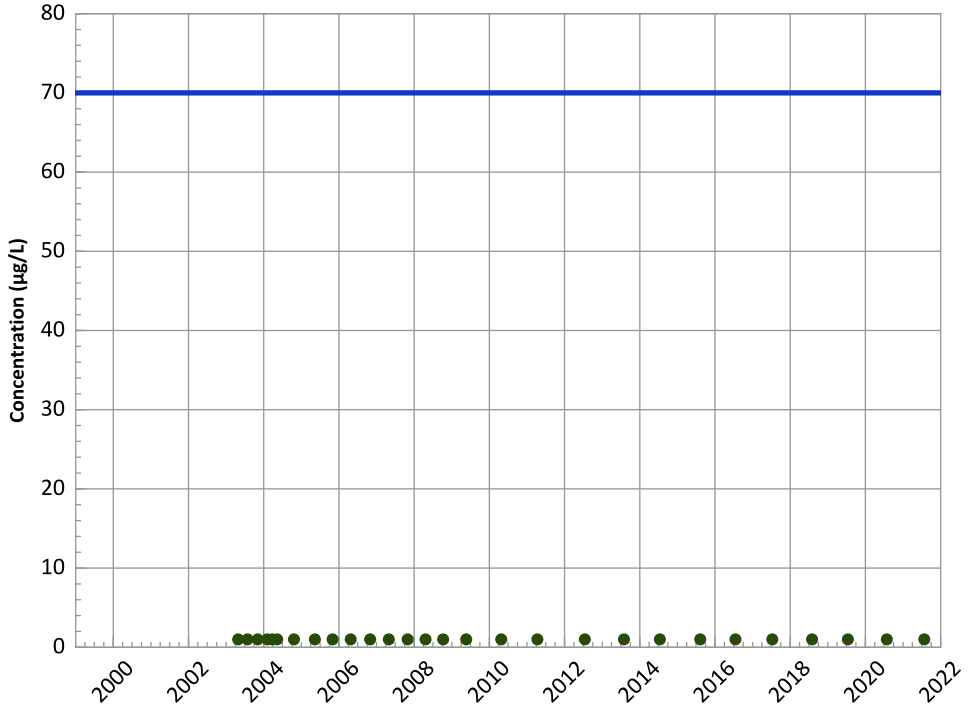


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

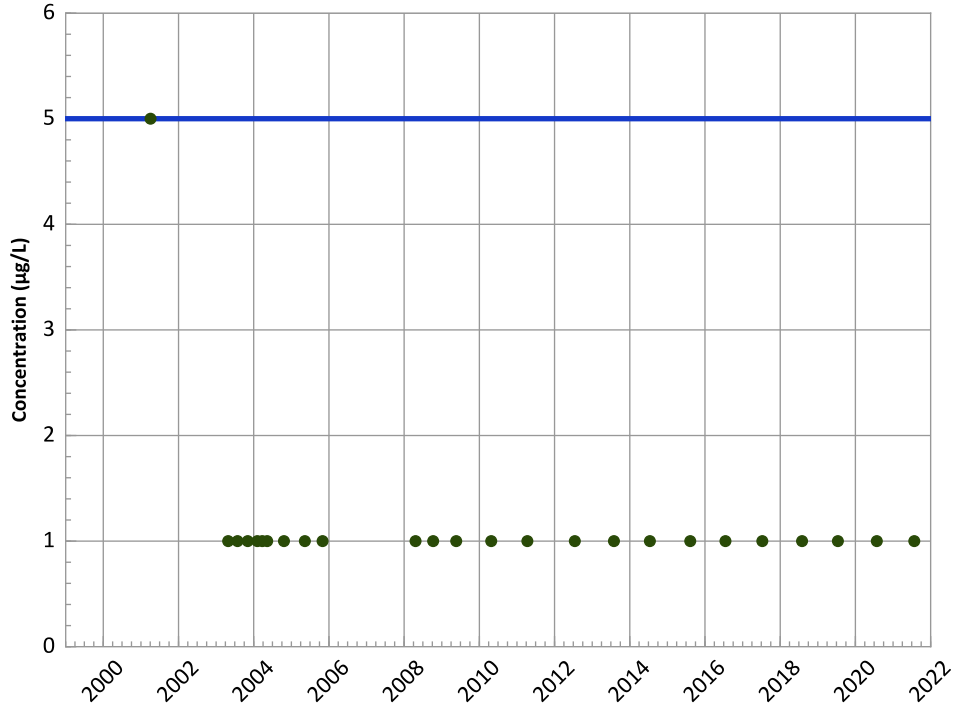


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

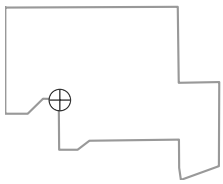
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

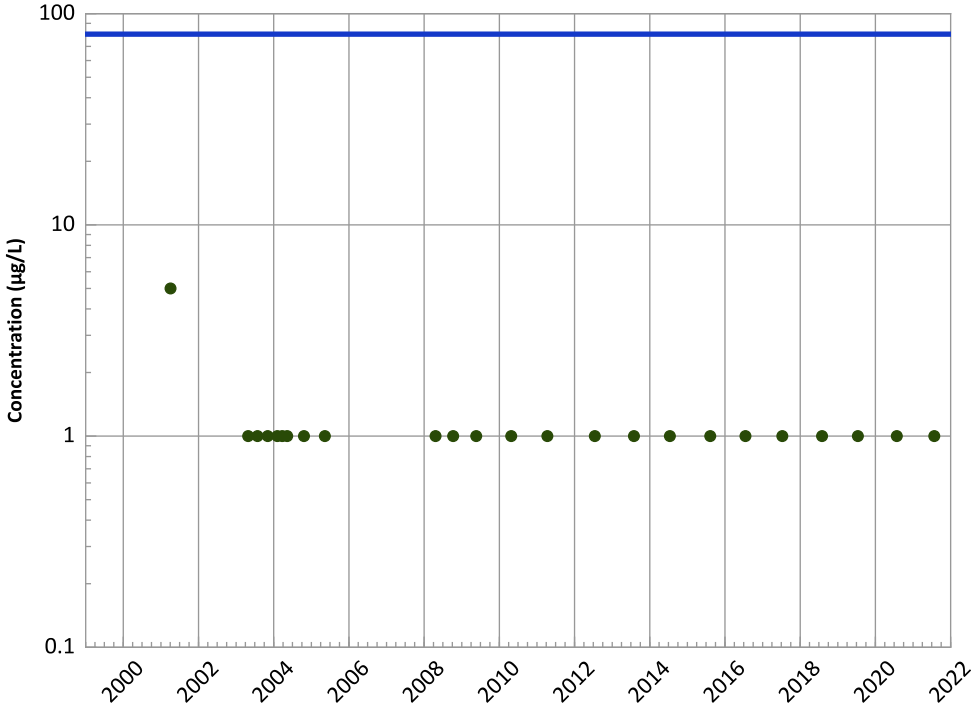
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

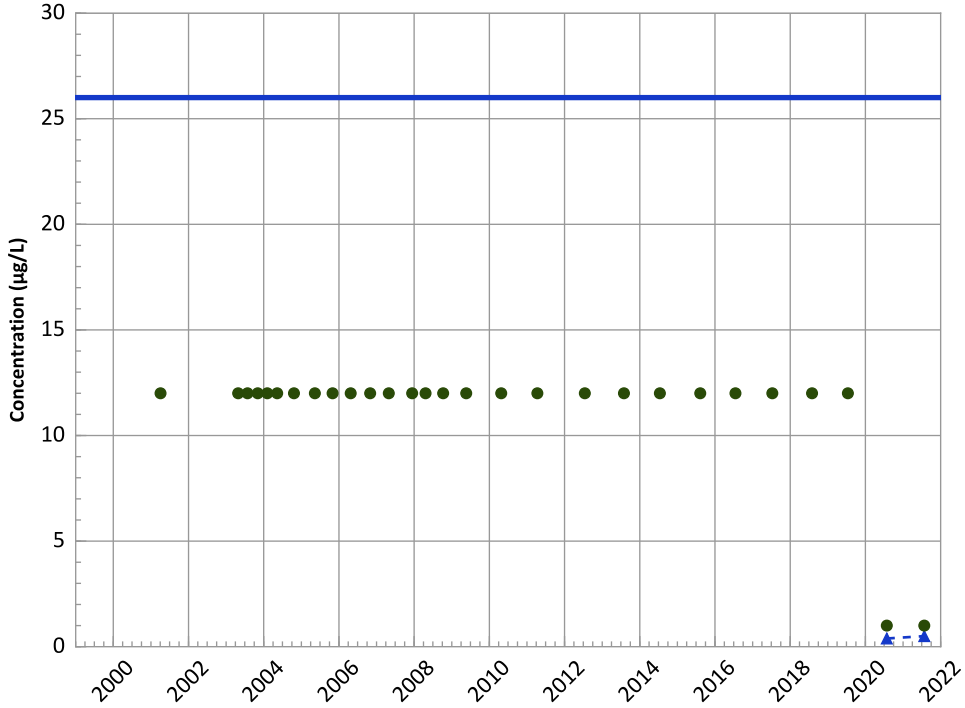


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

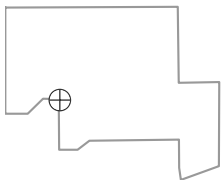
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

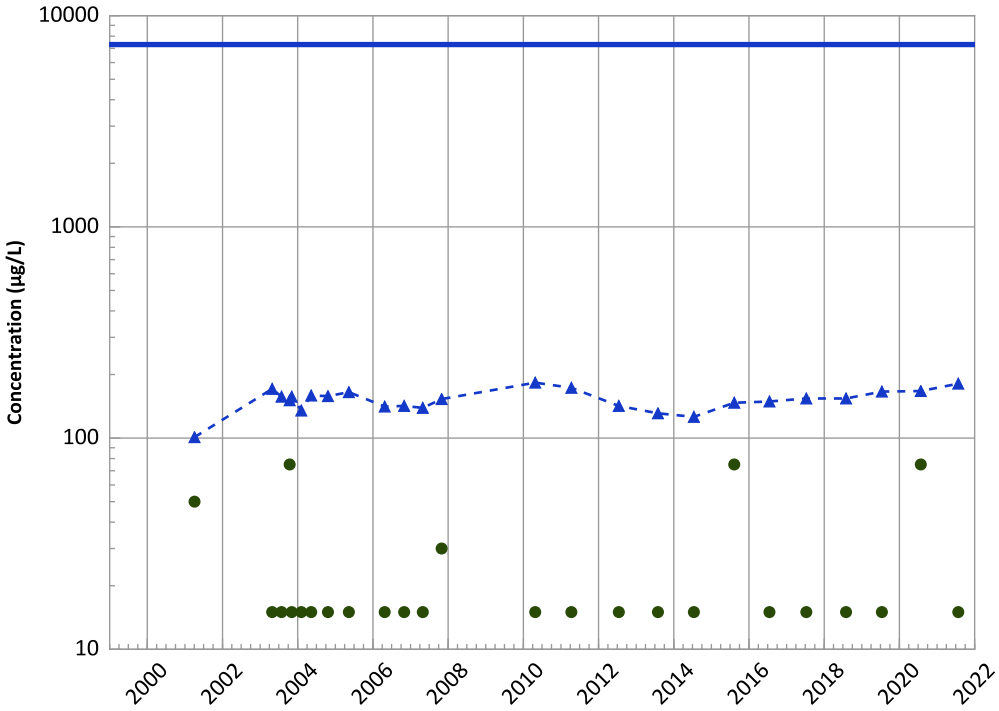
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

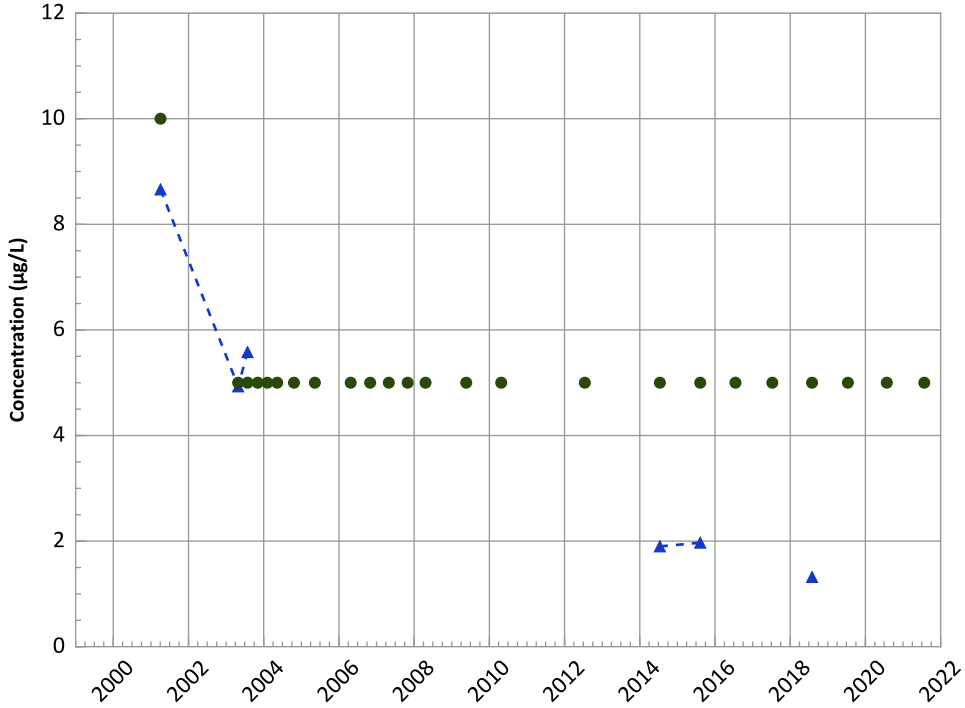


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Manganese Trend



Concentration Trend

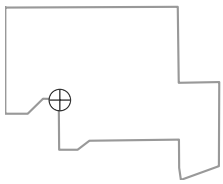
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

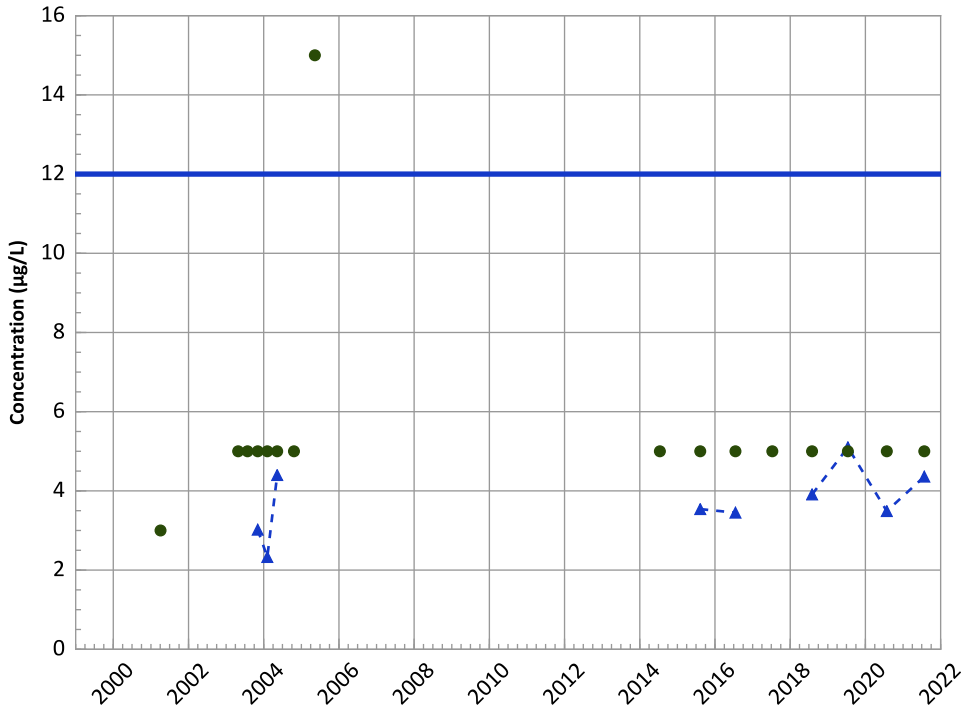
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1059 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

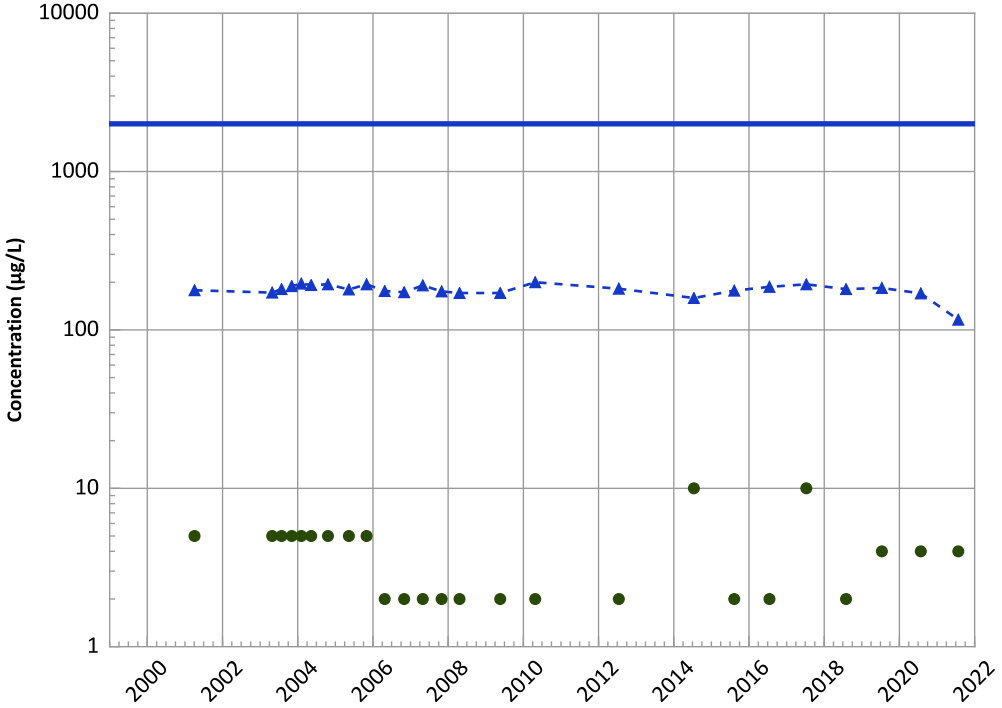


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Barium Trend



Concentration Trend

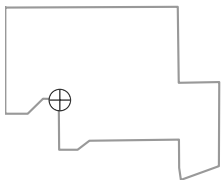
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

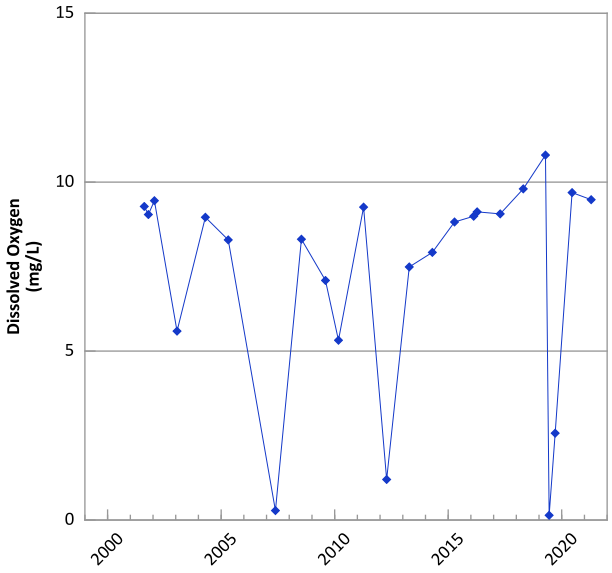
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/04/2001 to 07/26/2021
Analysis Date: 04/29/2022

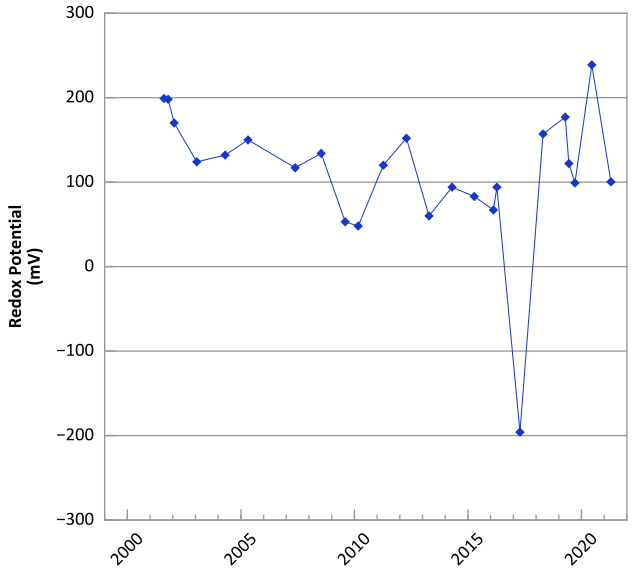
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

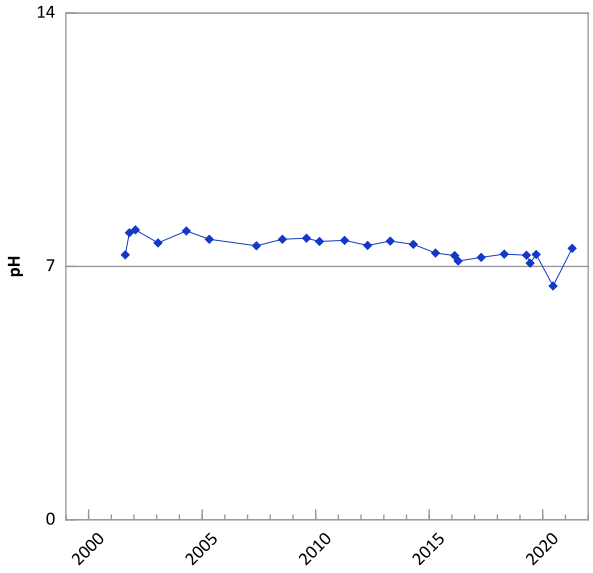
Well Location

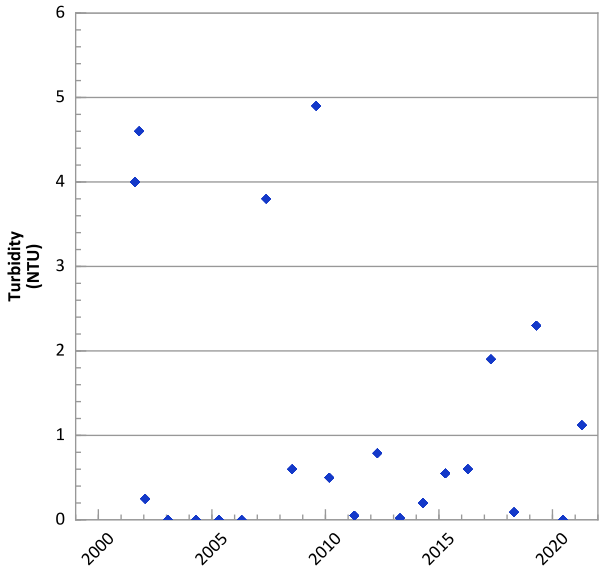


PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



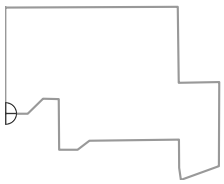






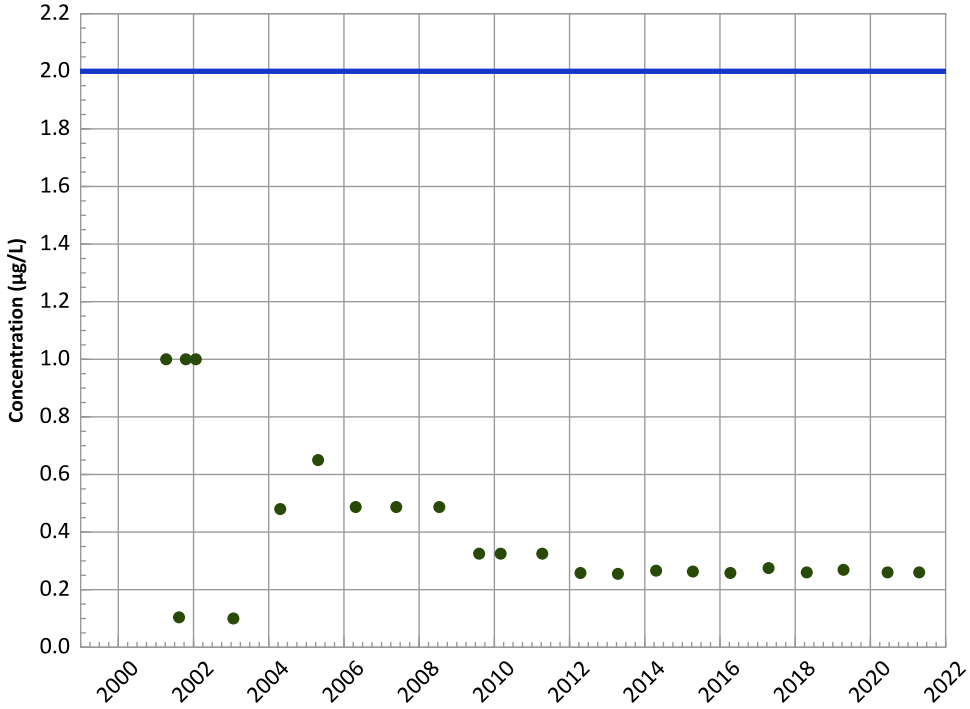
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

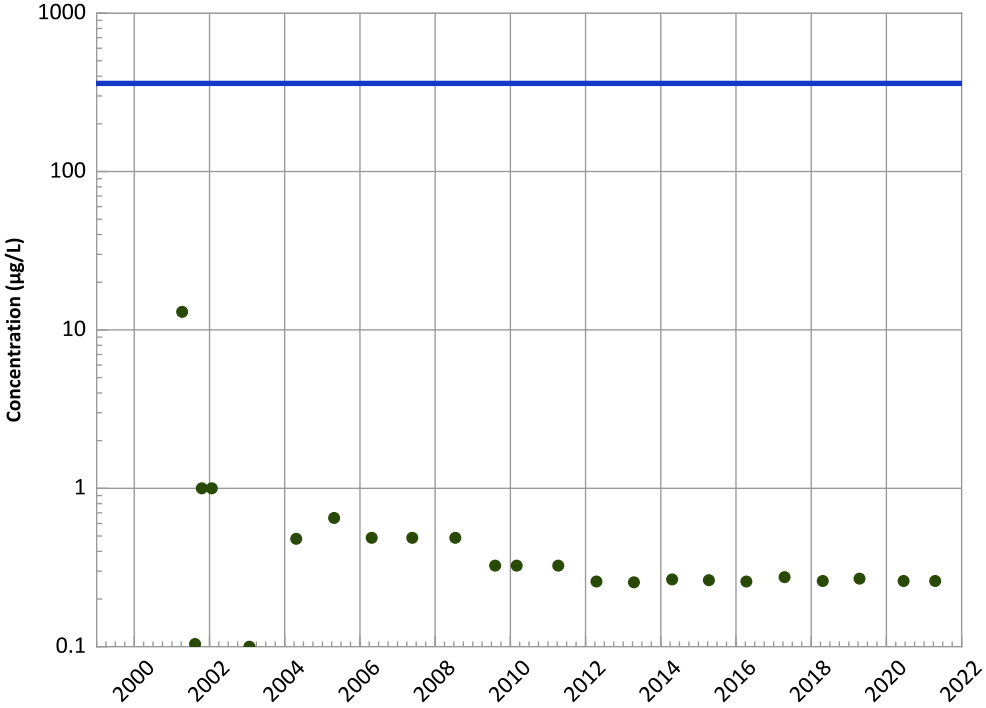


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

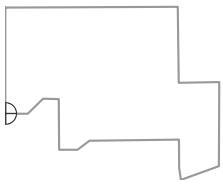
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

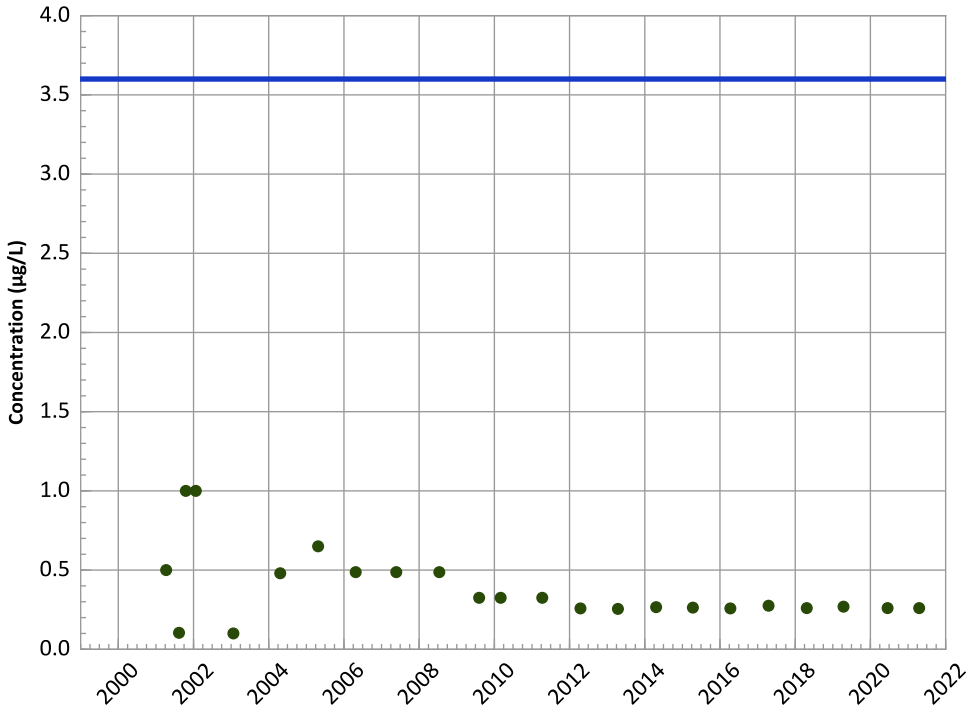
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

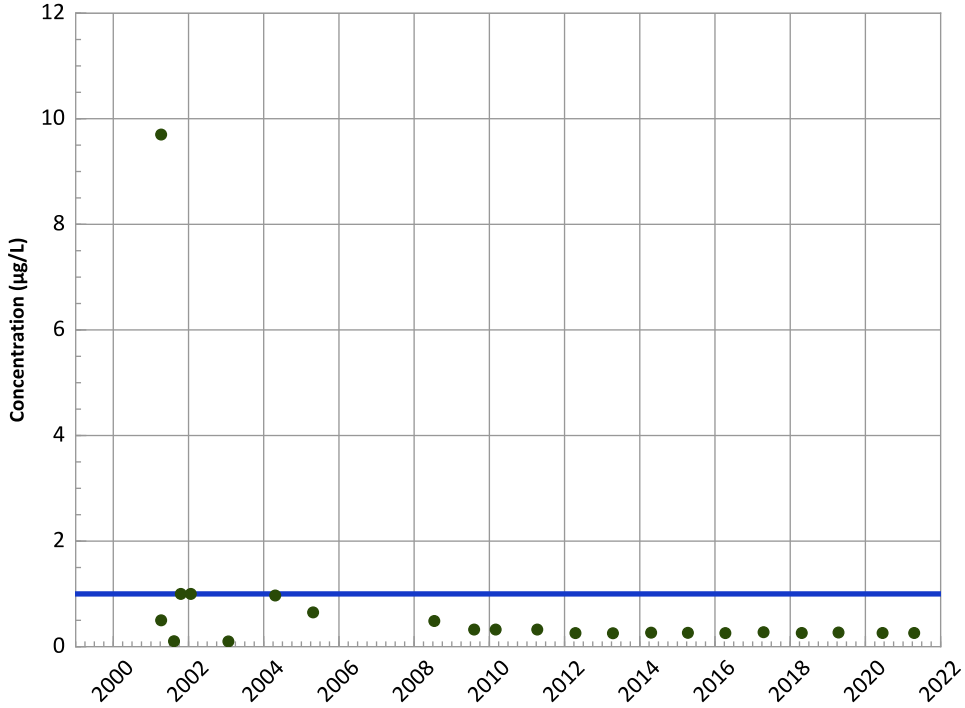


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

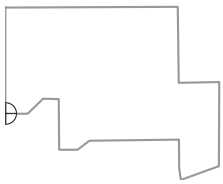
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

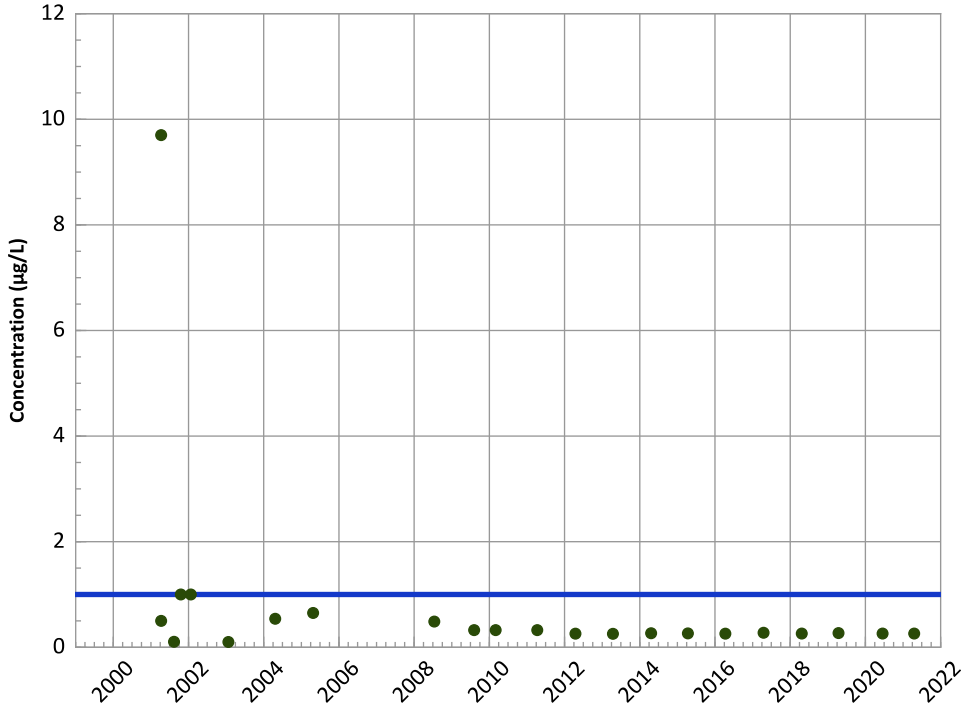
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

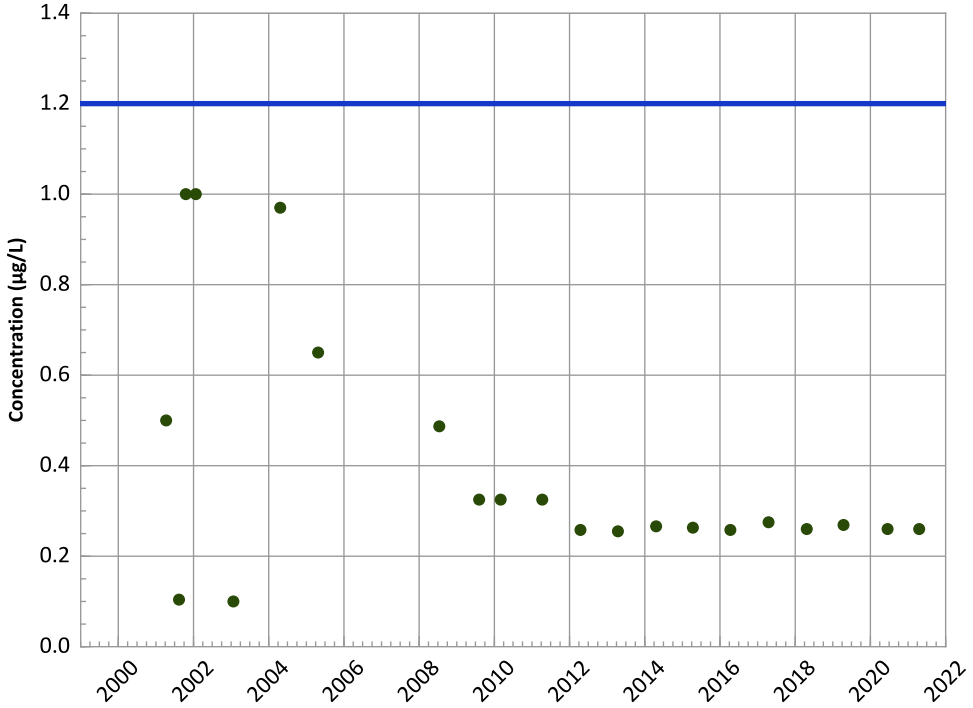


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

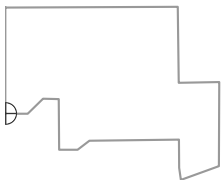
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

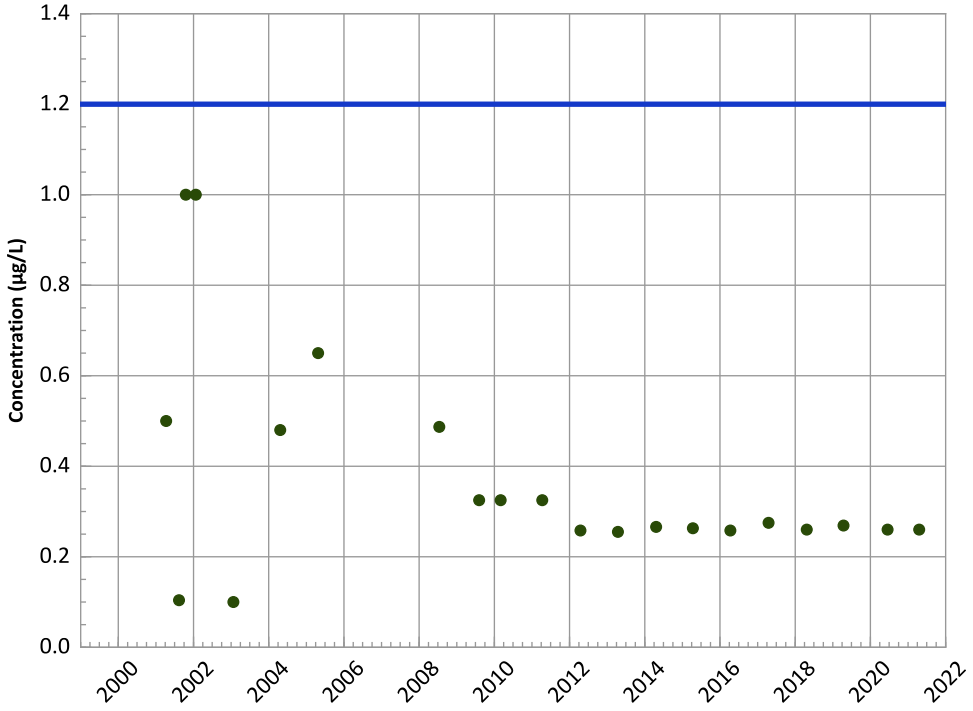
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

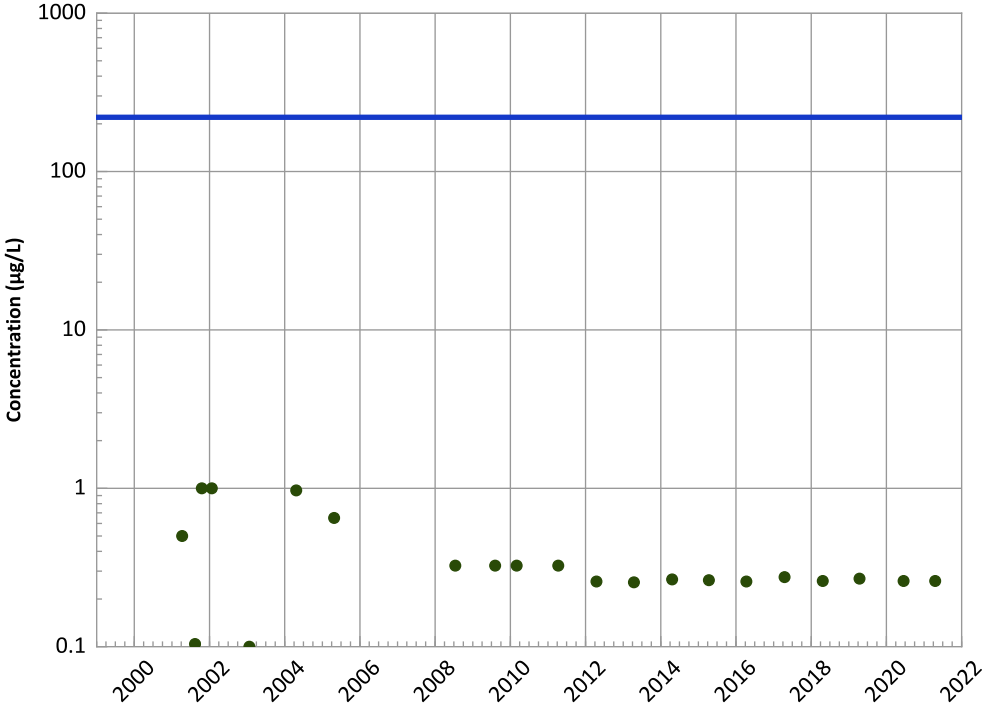


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

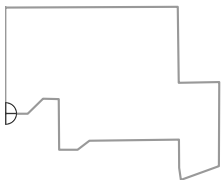
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

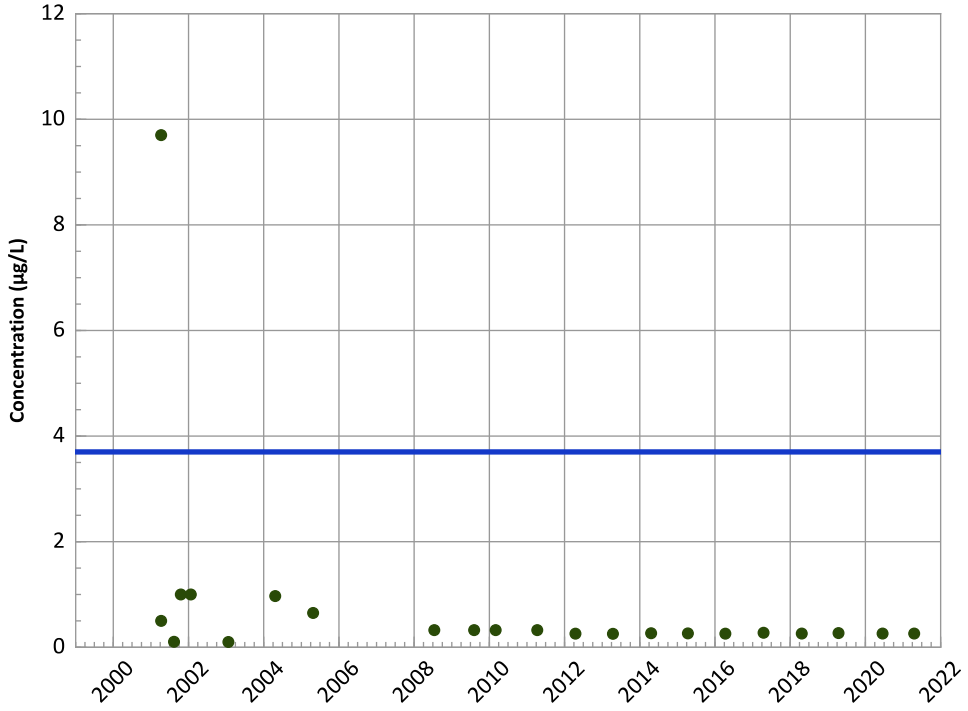
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

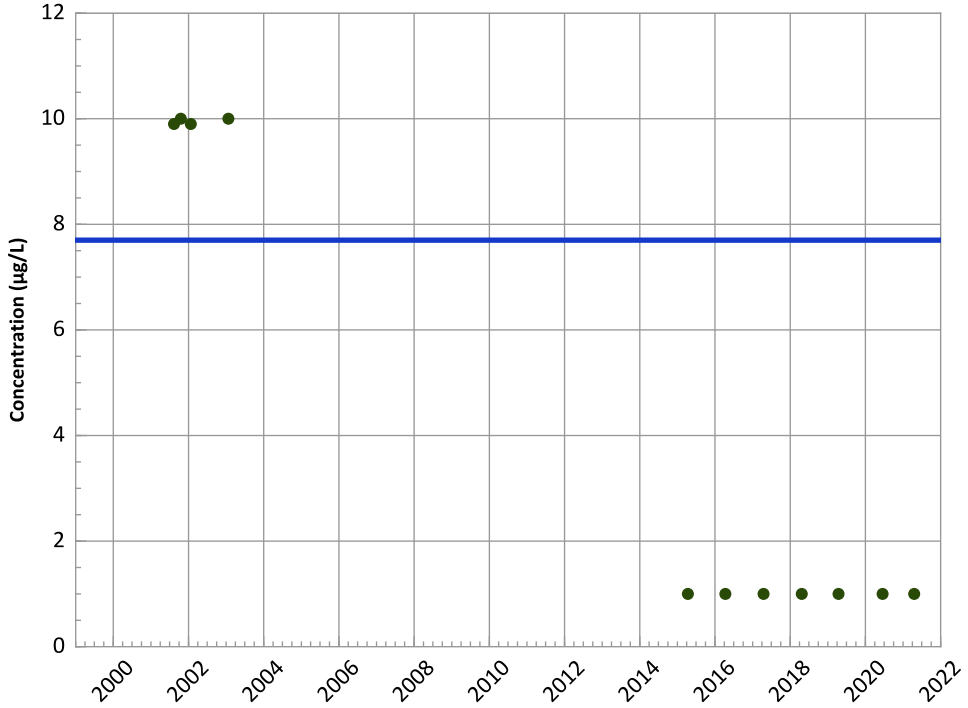


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

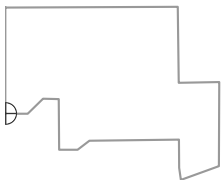
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

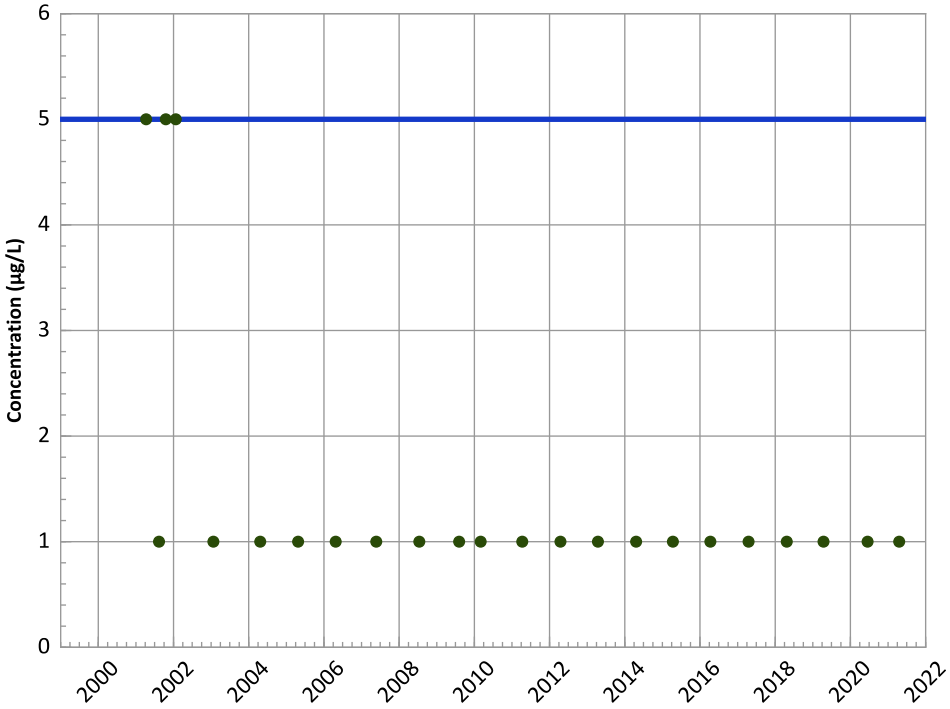
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

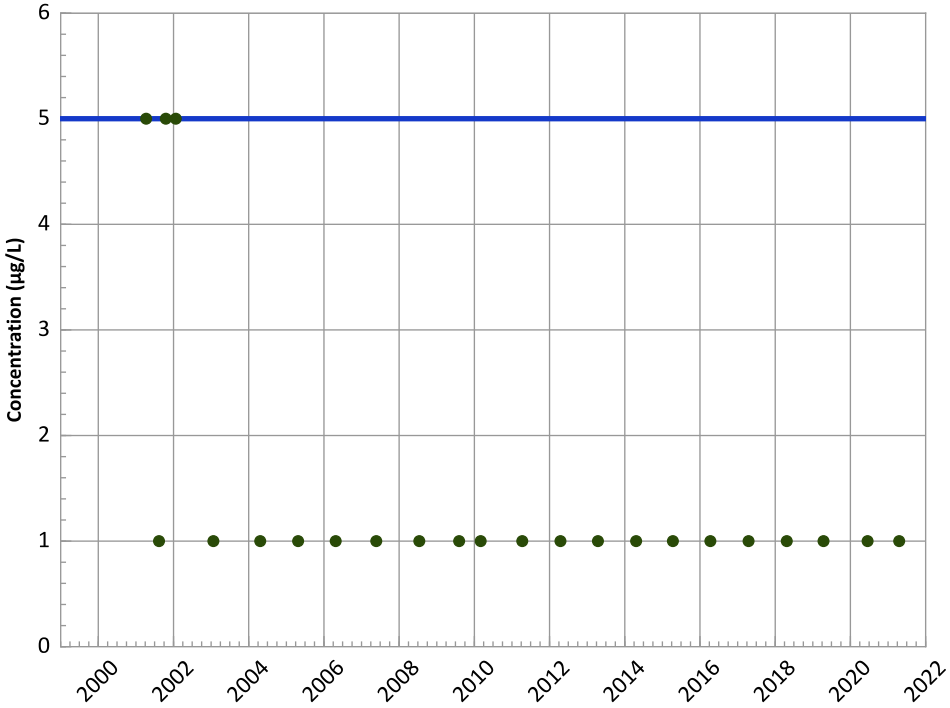


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

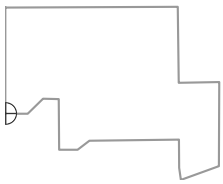


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

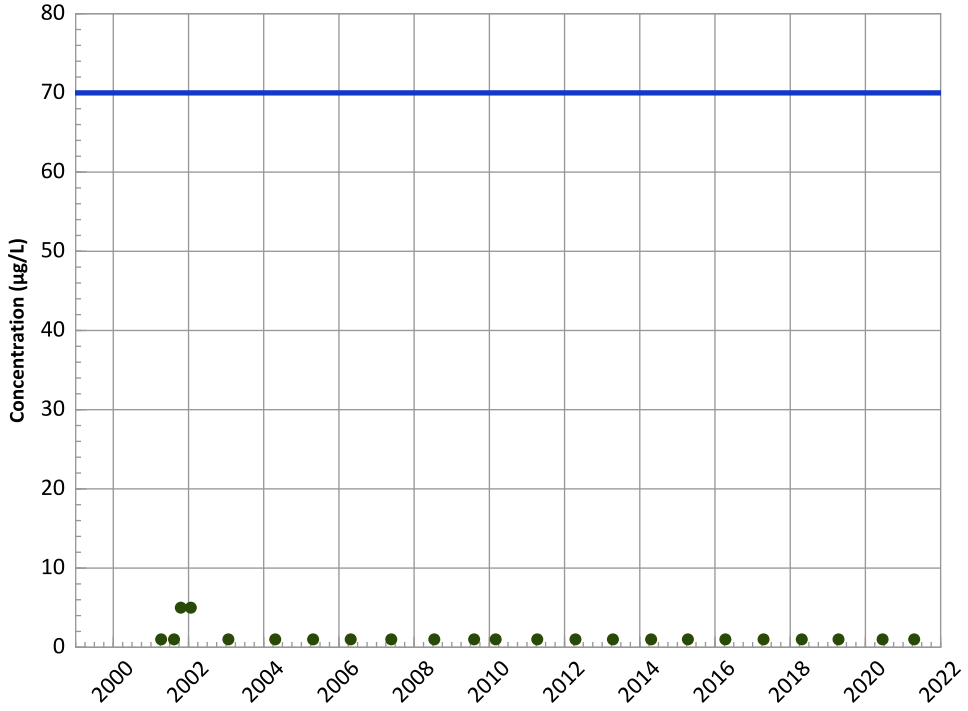


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

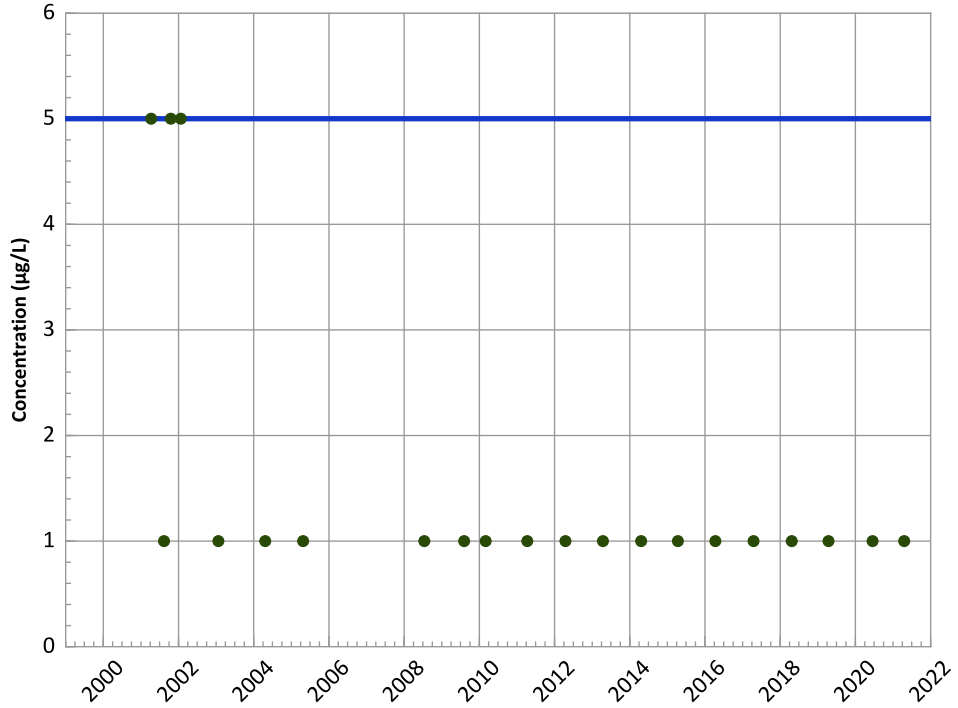


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

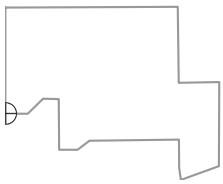
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

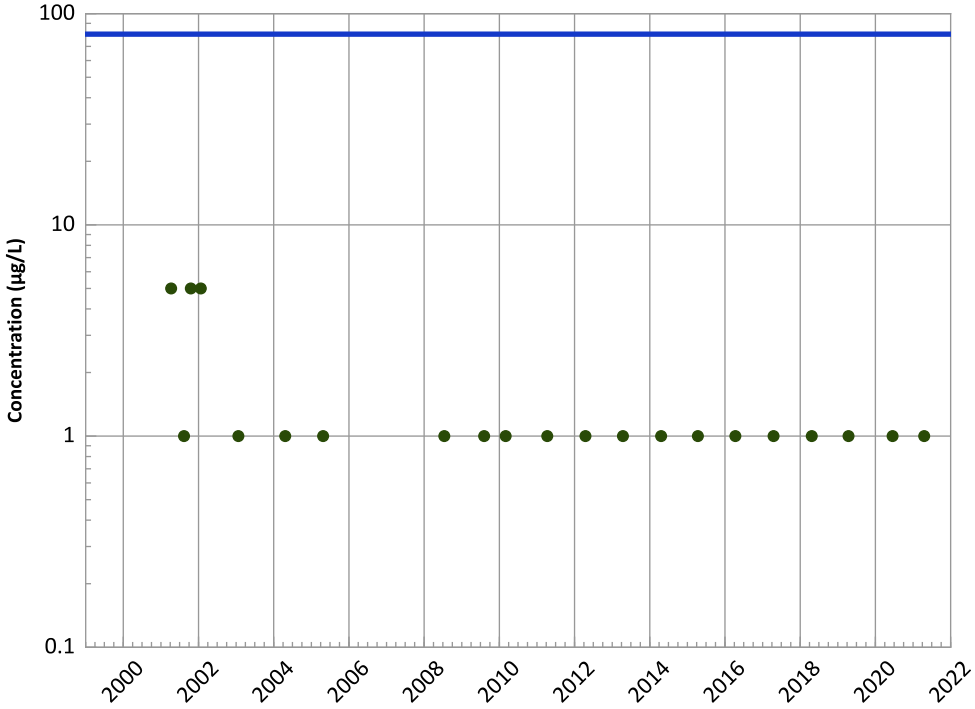
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

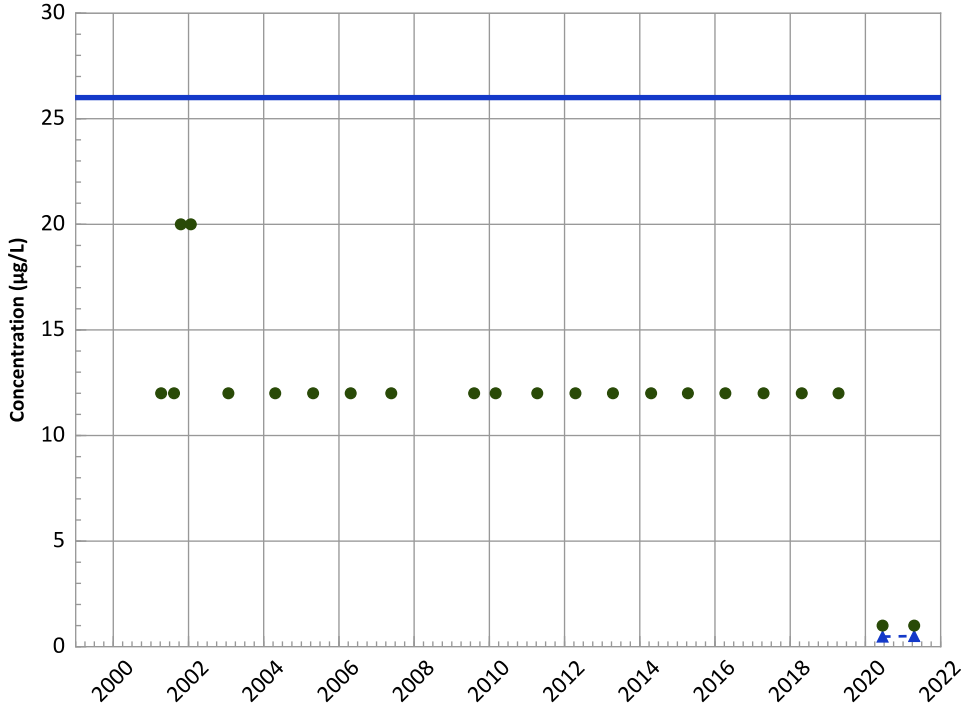


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

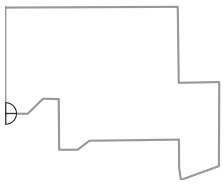
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

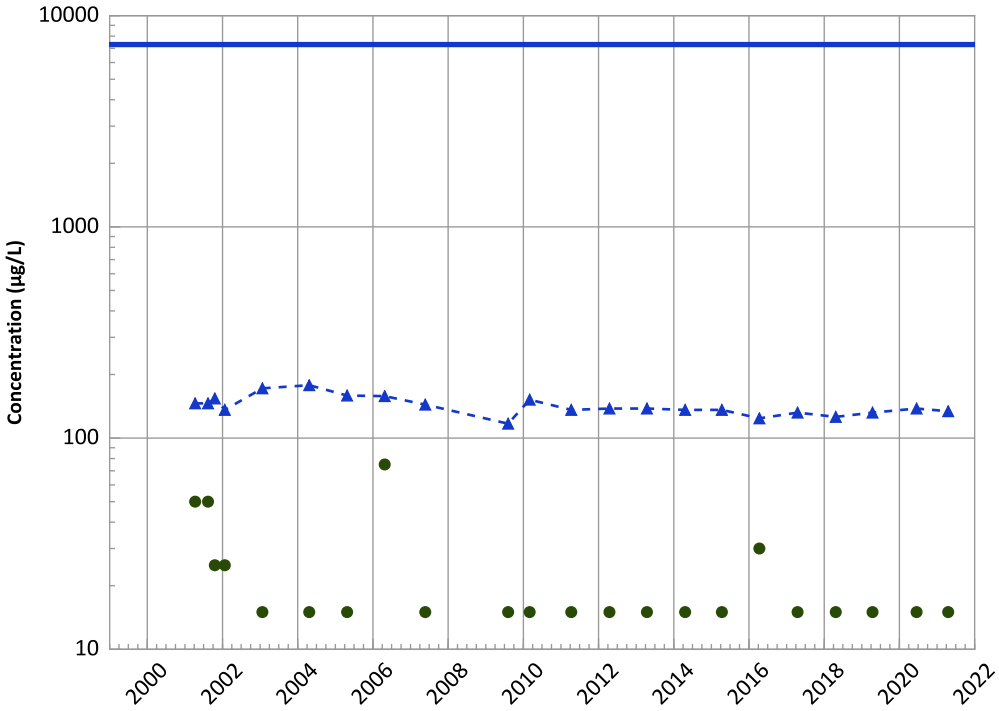
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

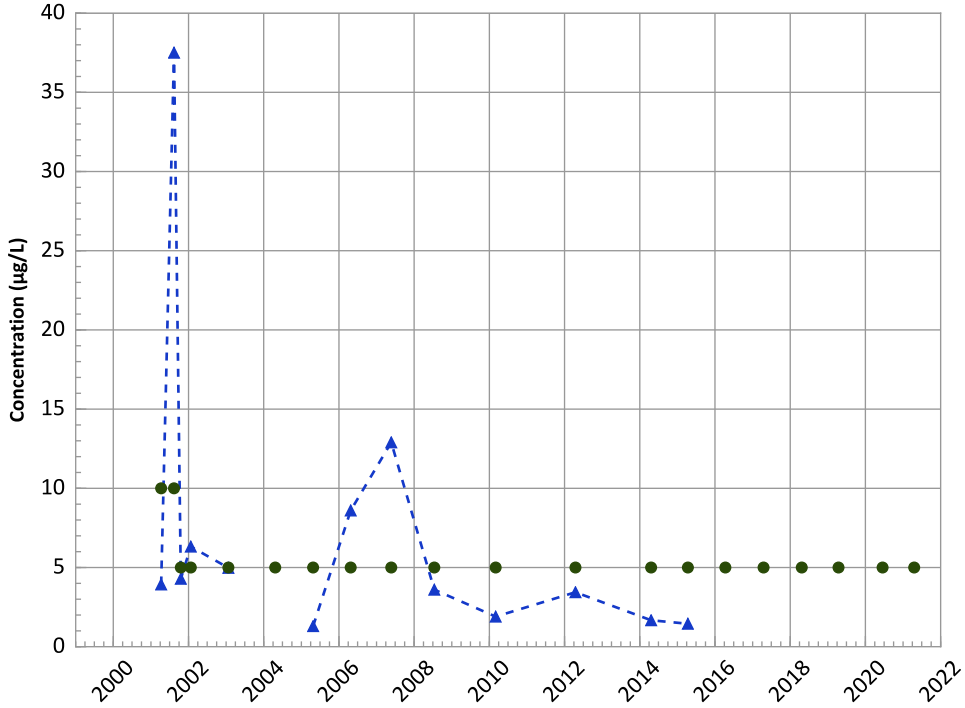


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

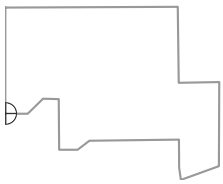
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

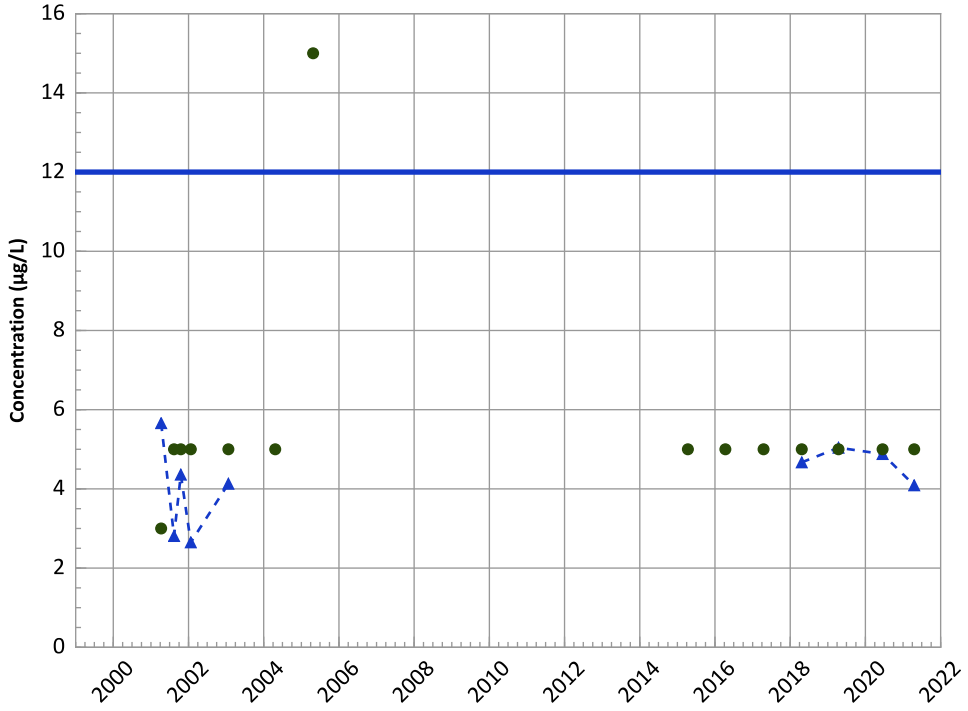
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1060 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

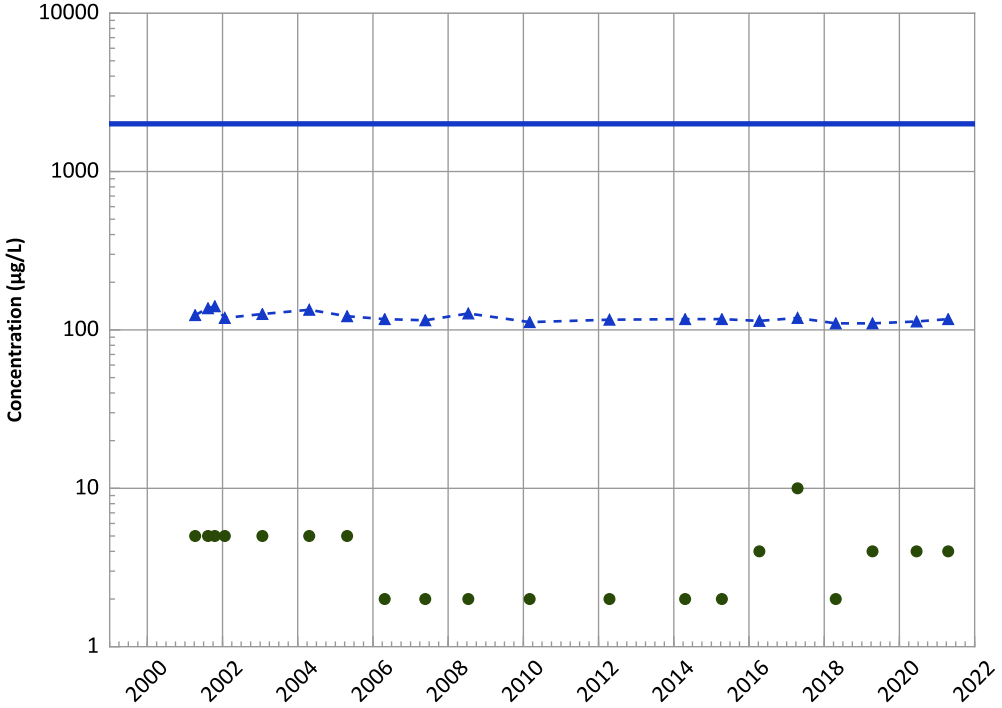


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

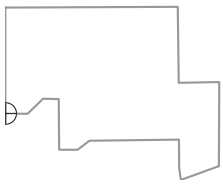
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Increasing

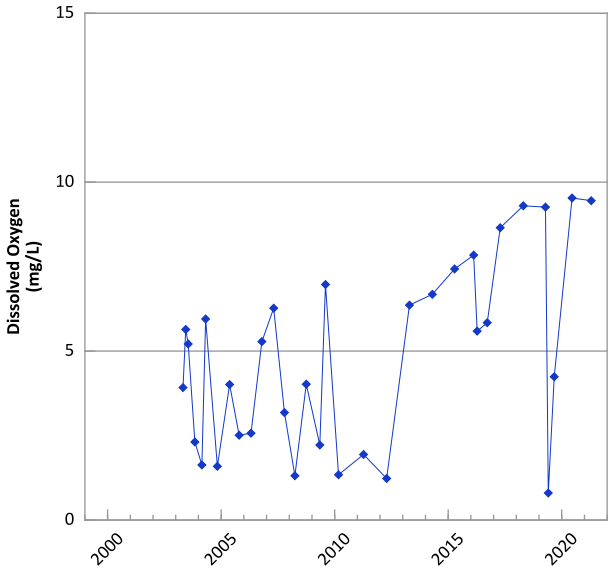
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/10/2001 to 04/19/2021
Analysis Date: 04/29/2022

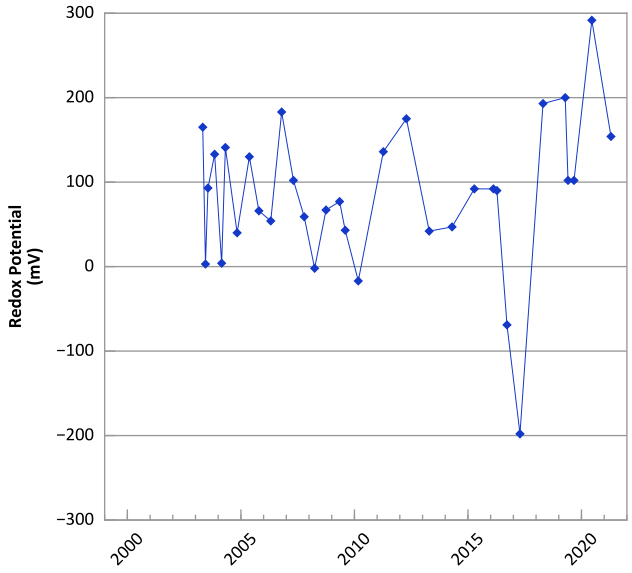
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

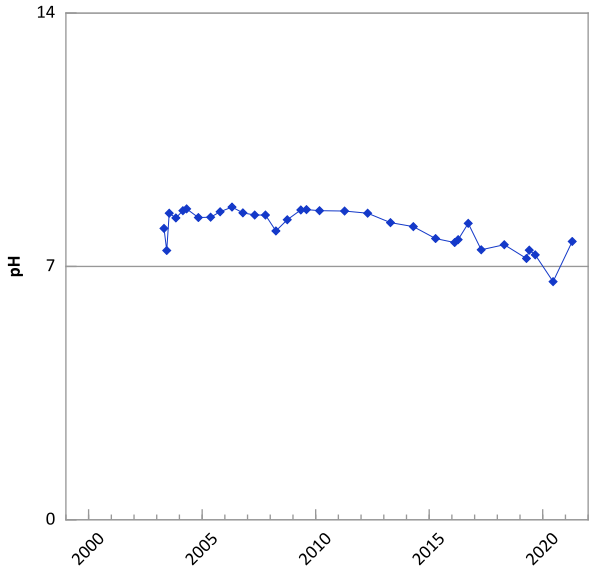
Well Location

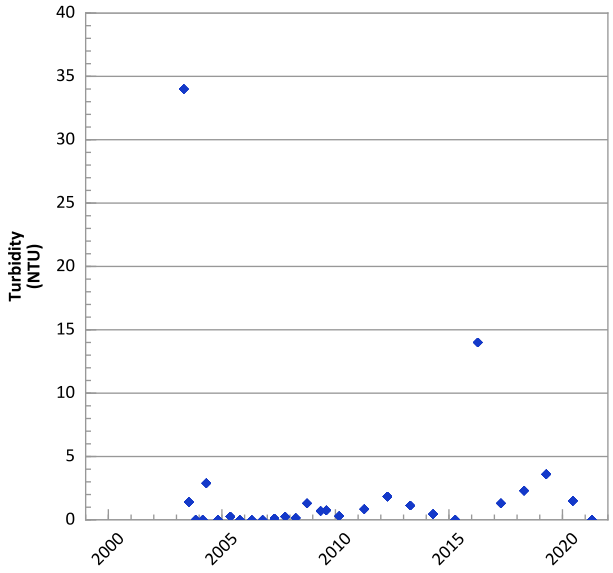


PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



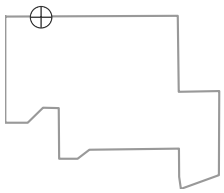






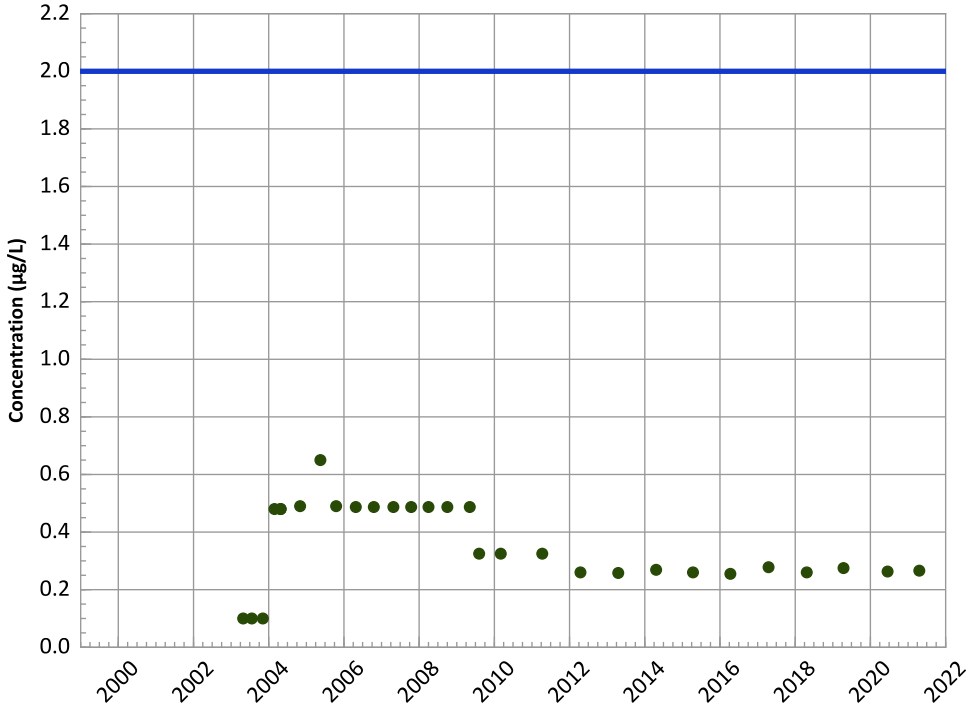
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

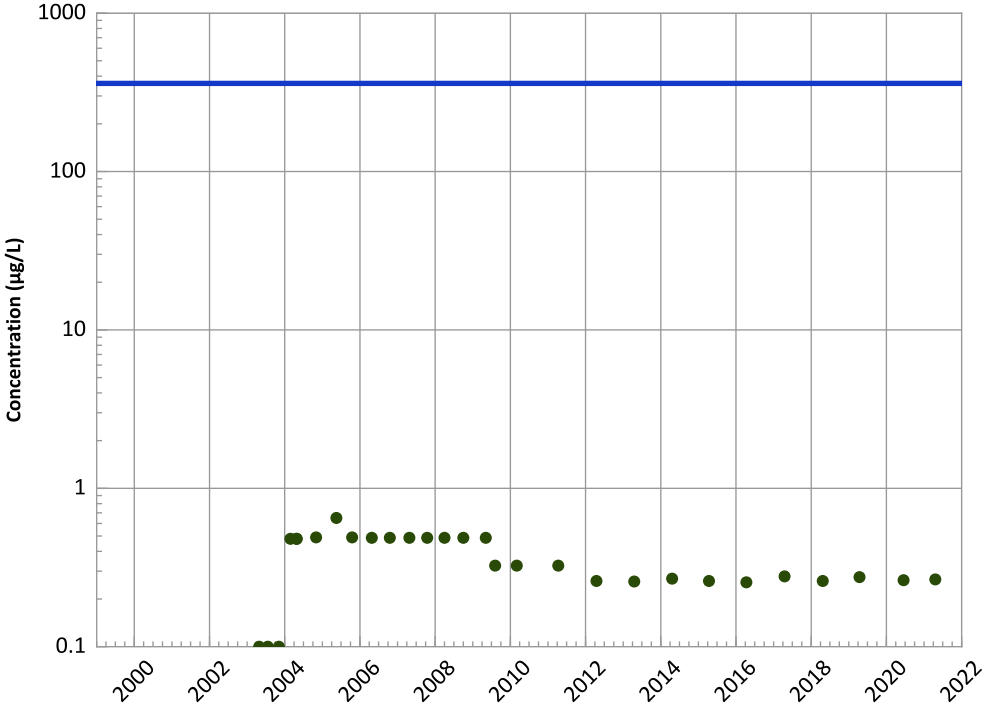


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

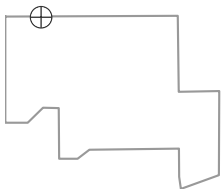
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

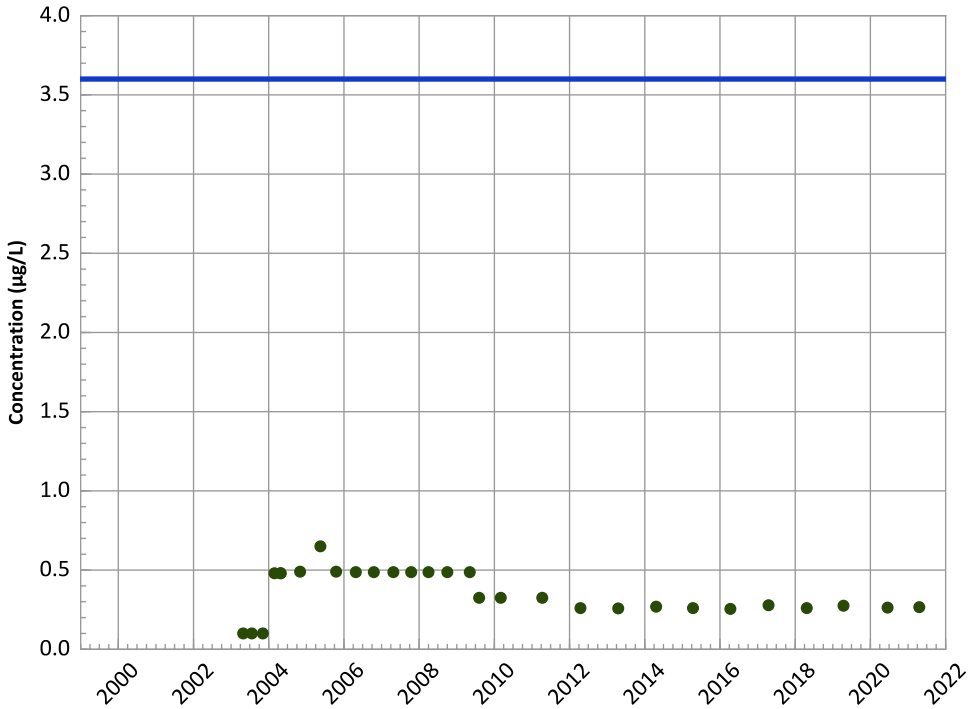
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

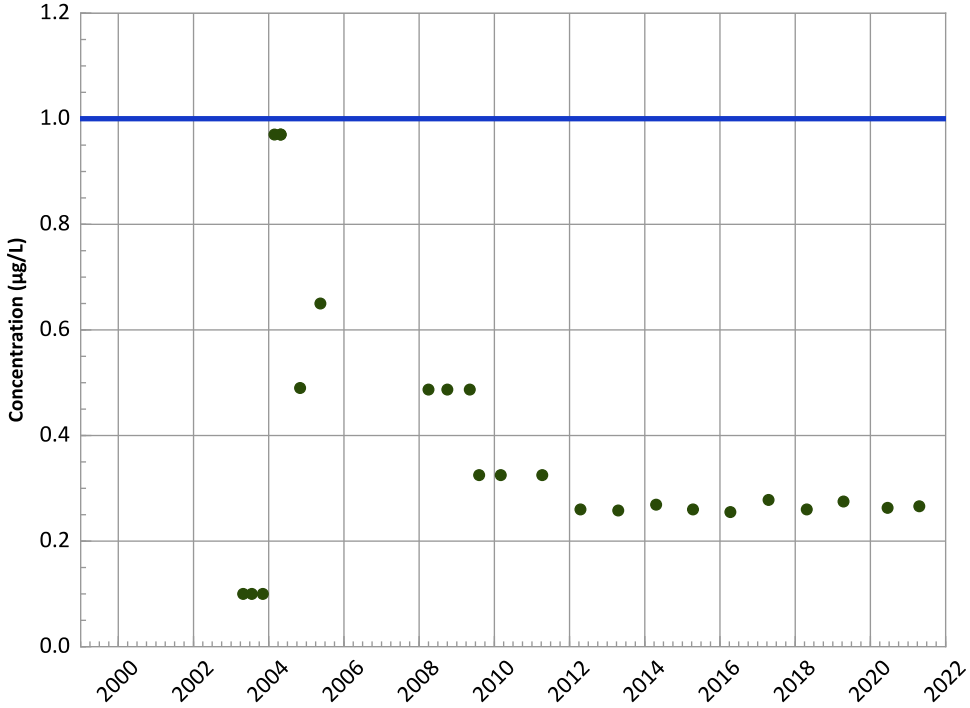


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

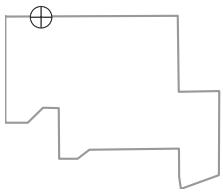
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

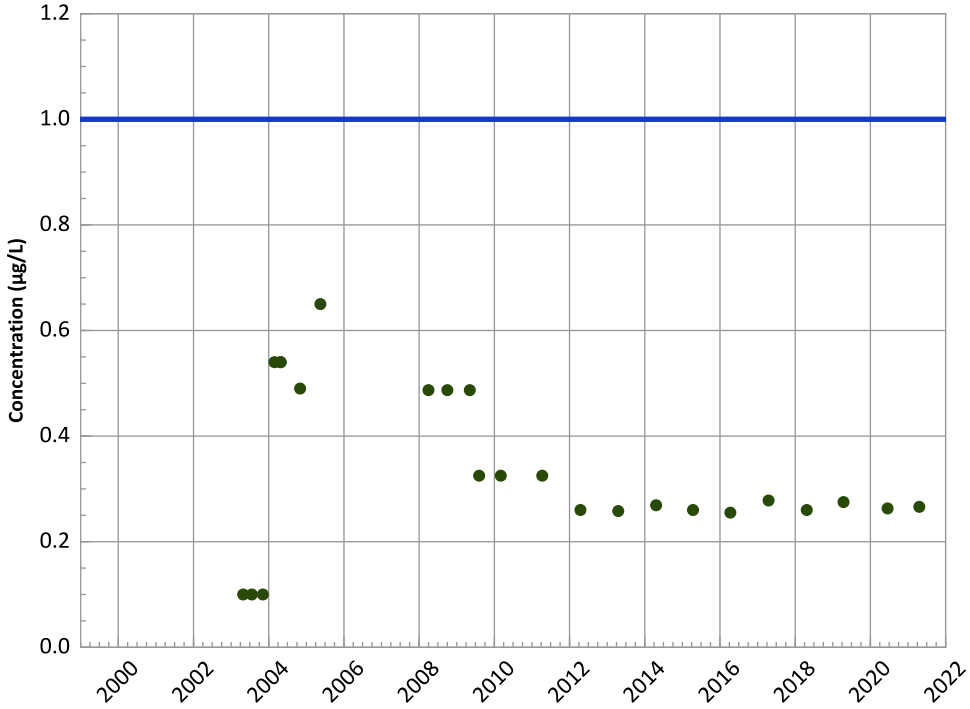
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

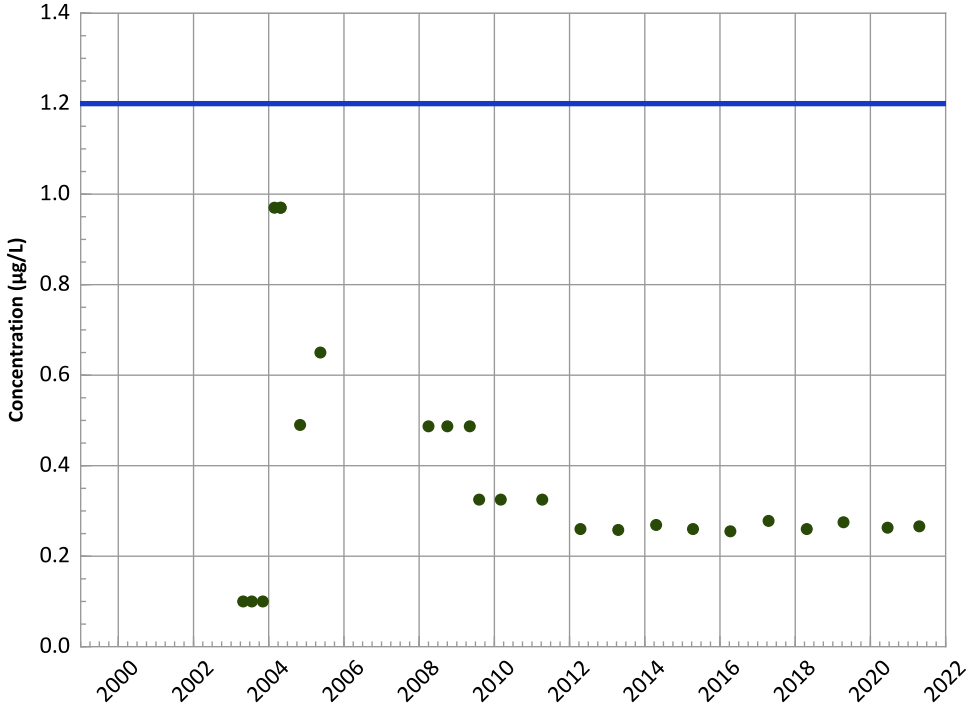


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

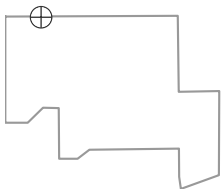


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

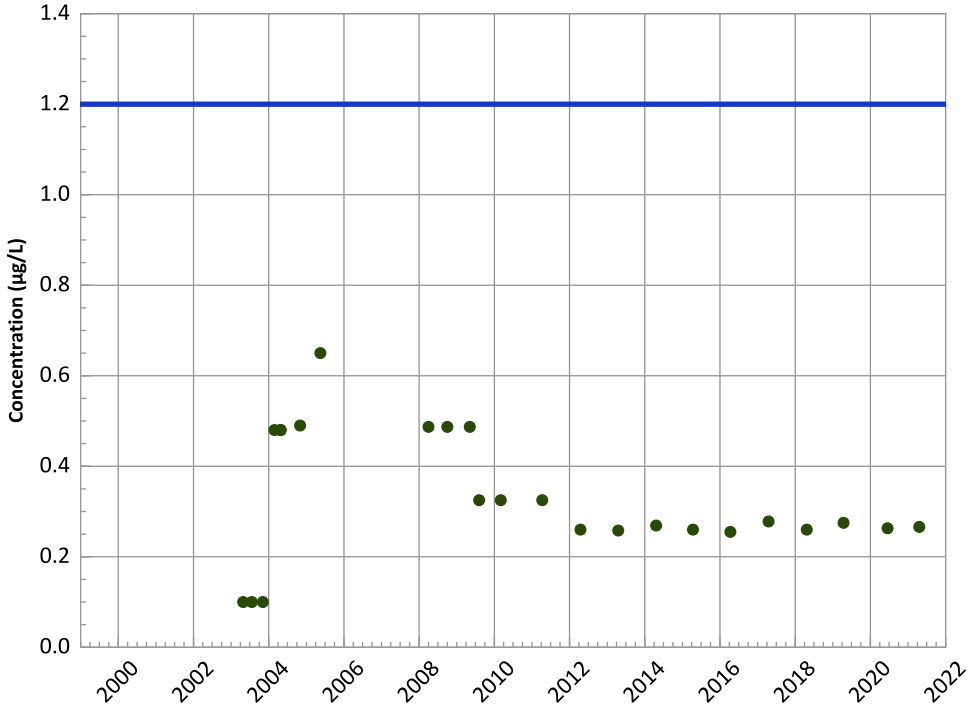


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

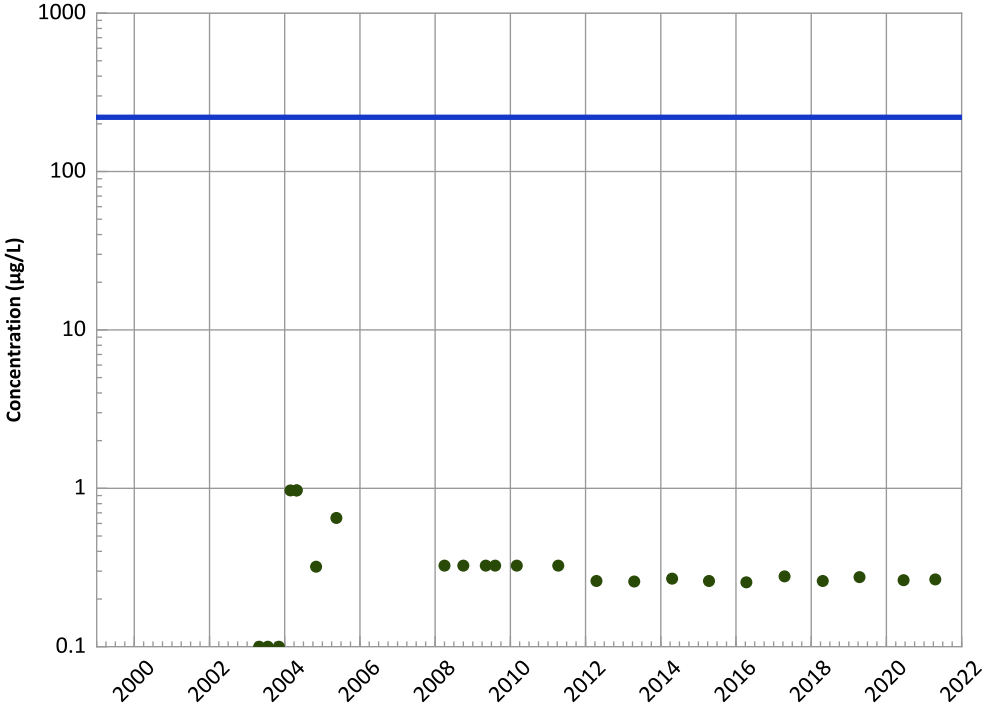


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

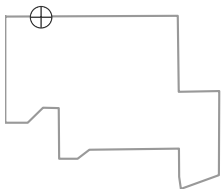
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

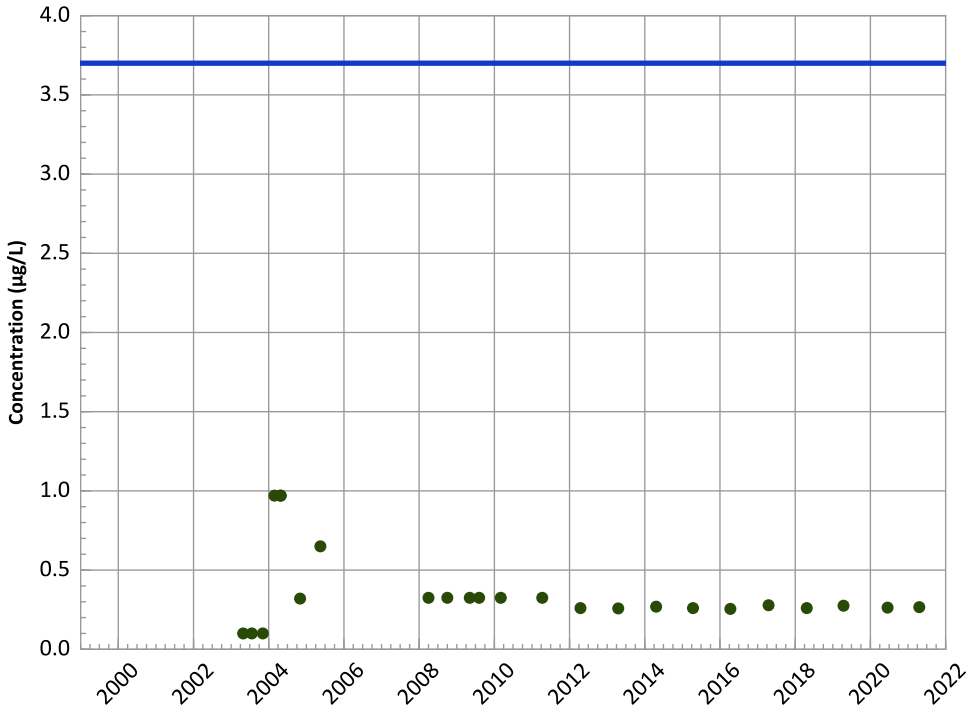
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

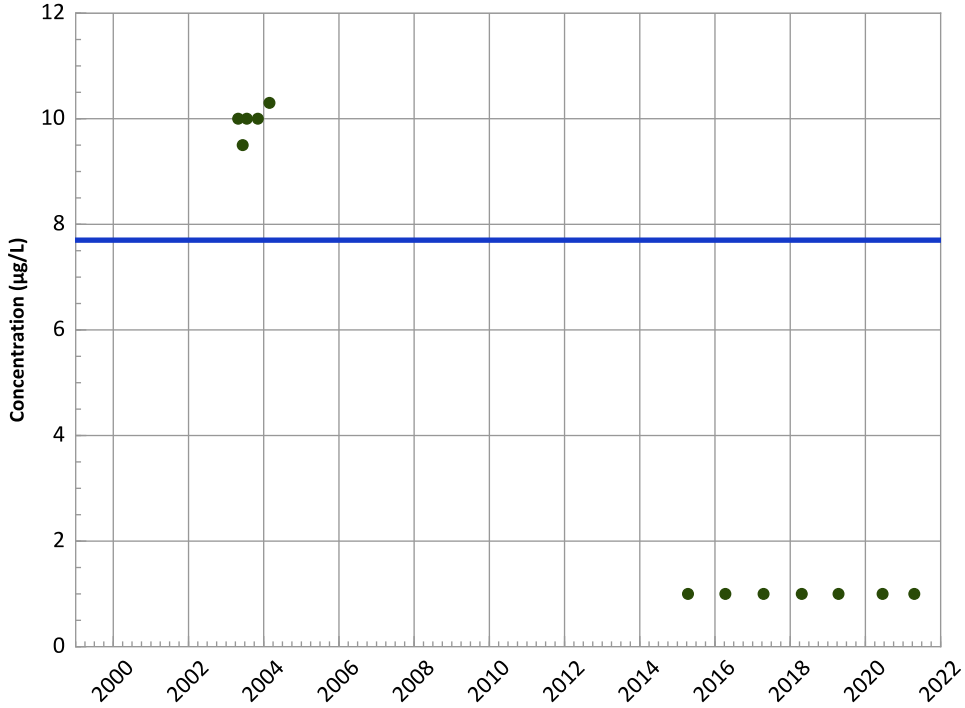


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

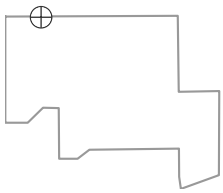
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

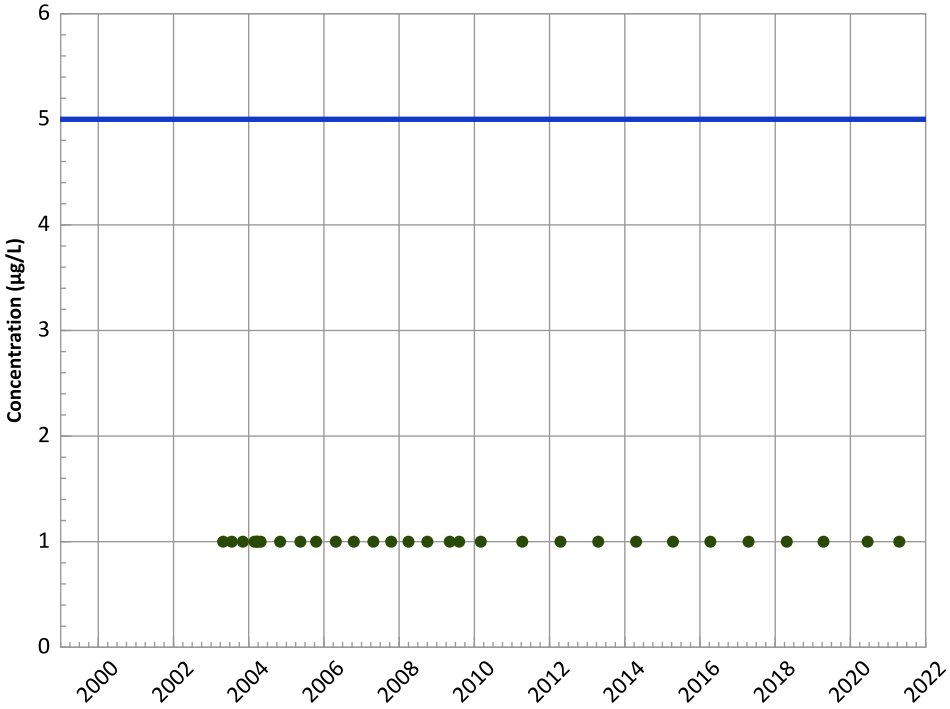
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

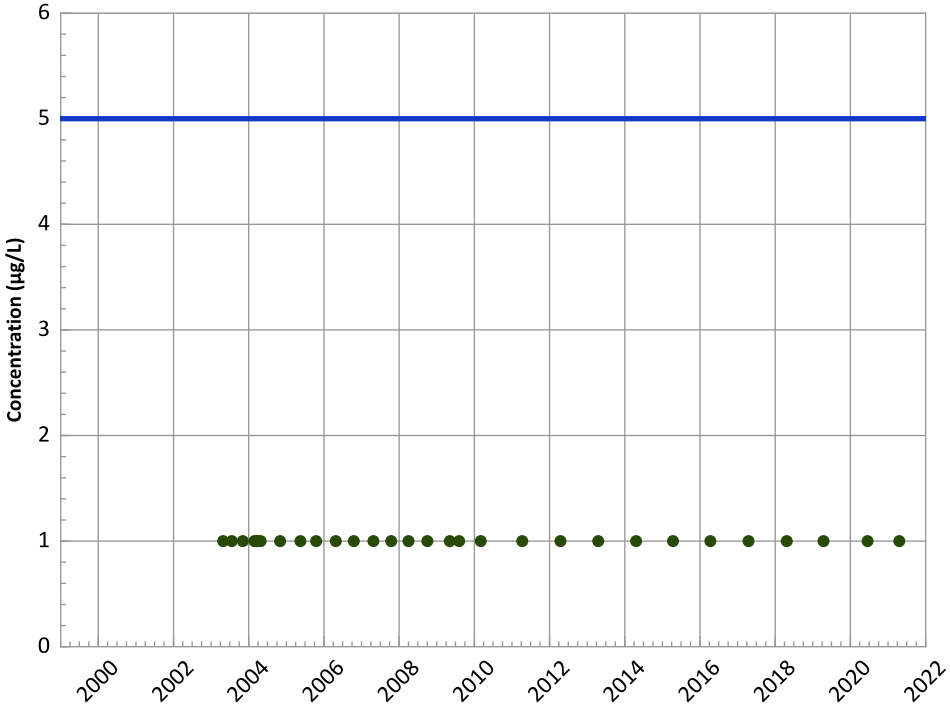


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

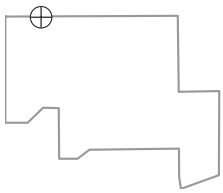


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

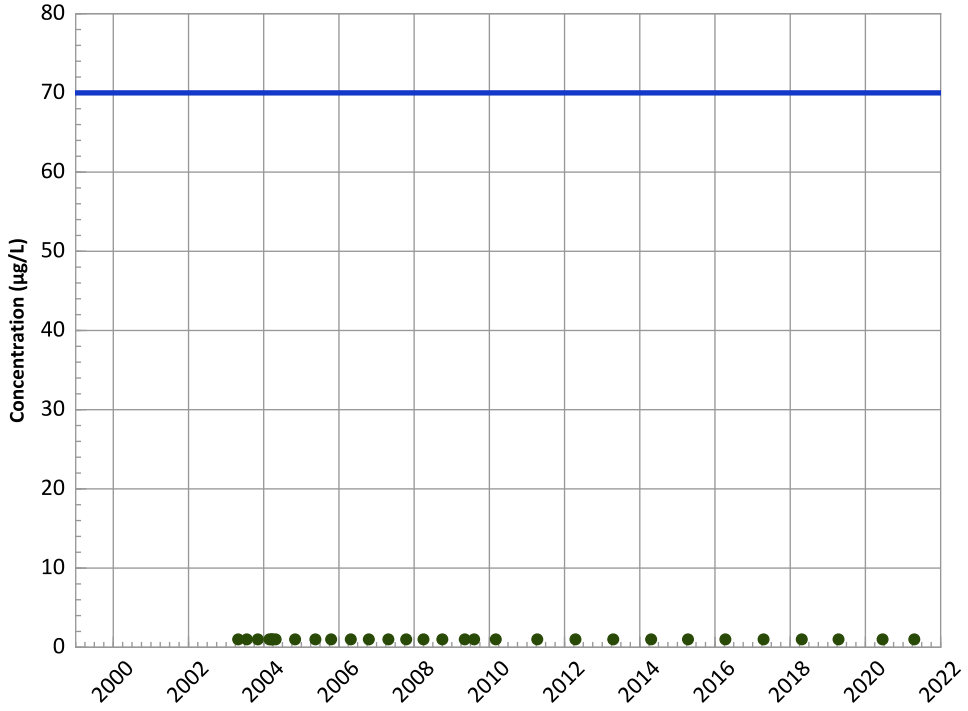


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

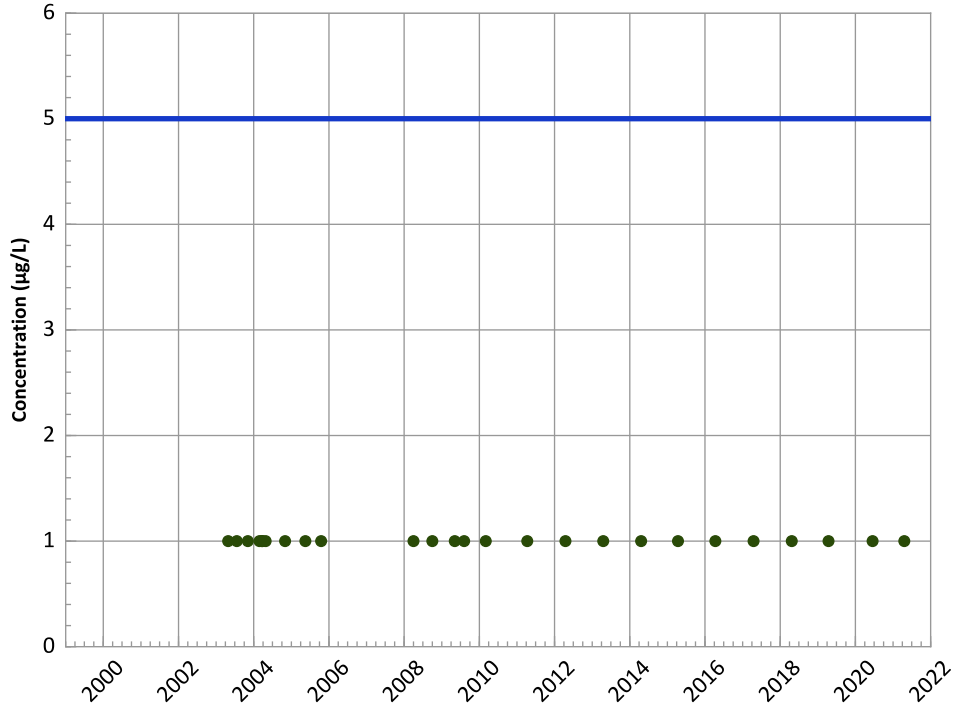


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

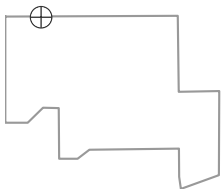


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

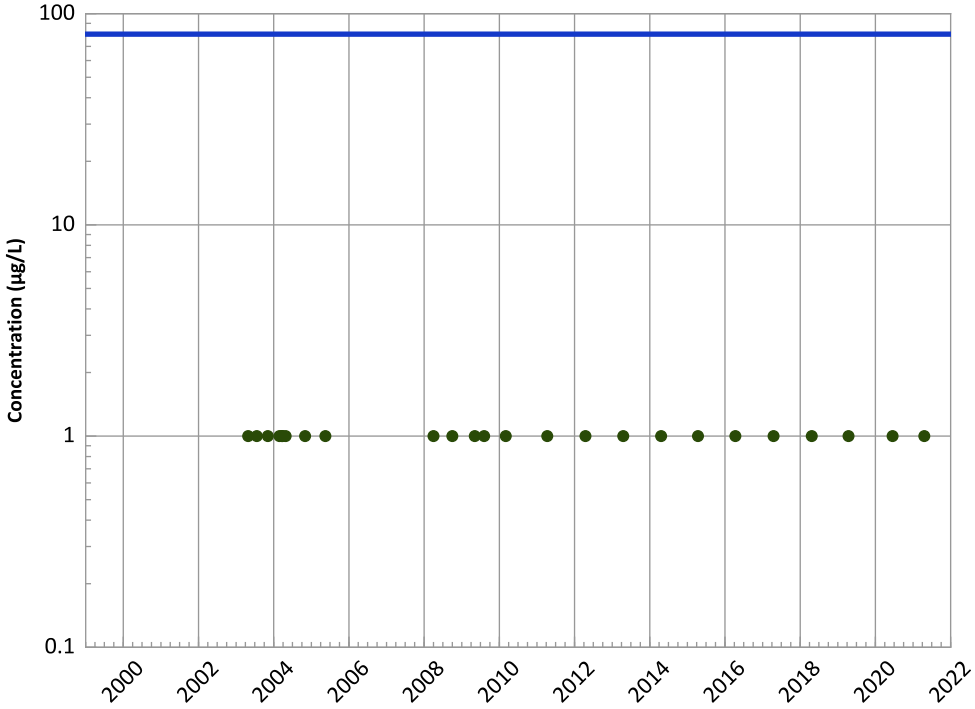


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

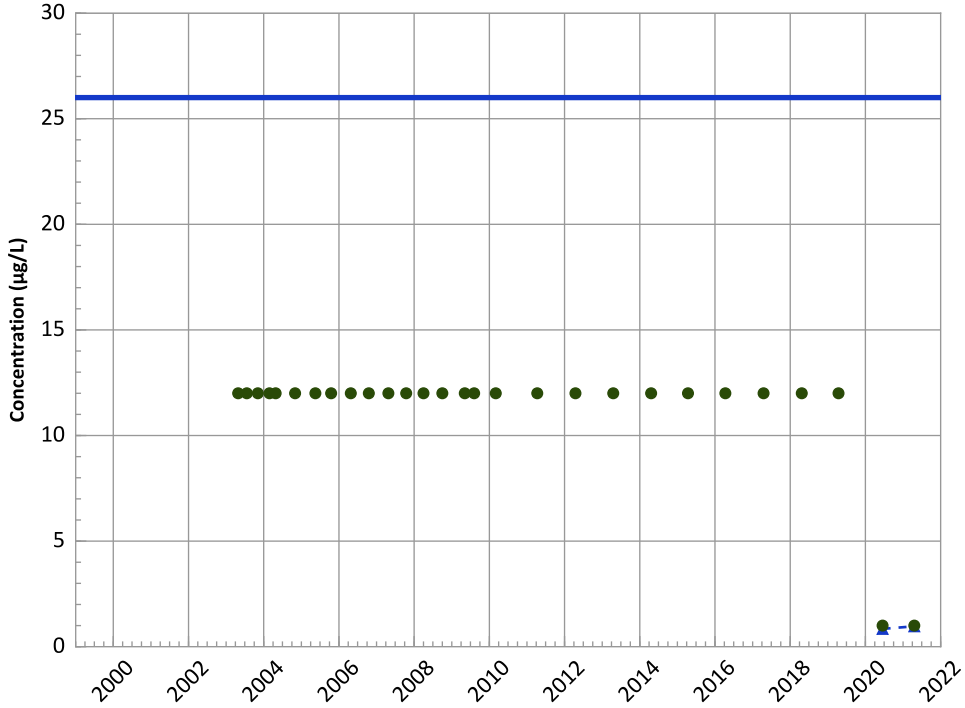


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

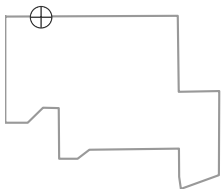
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

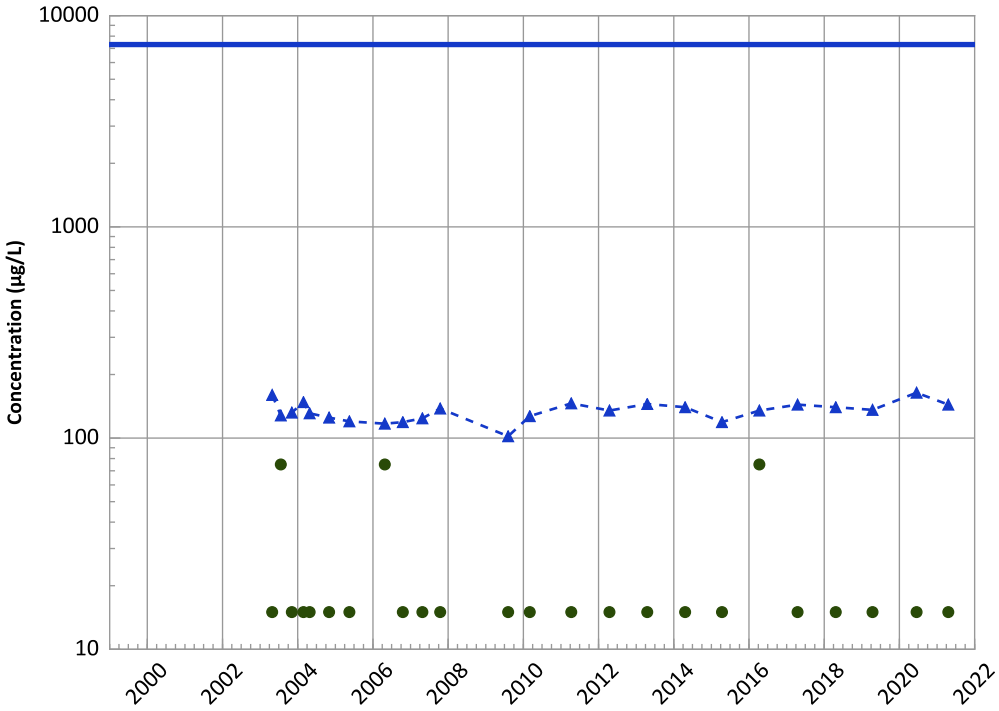
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

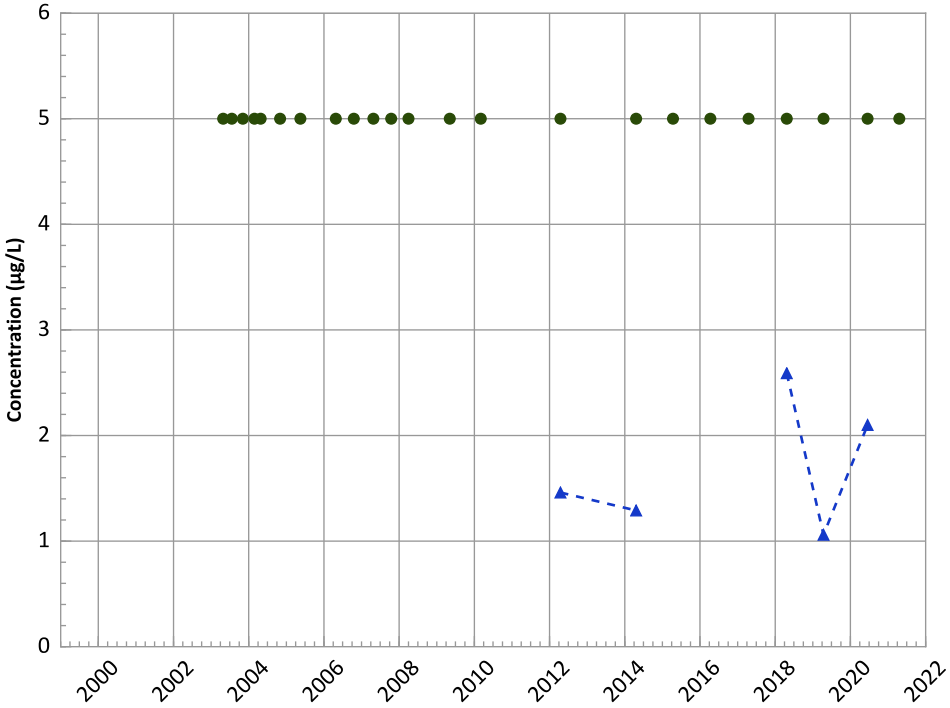


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Manganese Trend

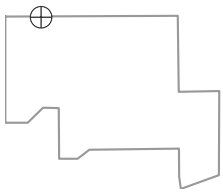


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Well Location

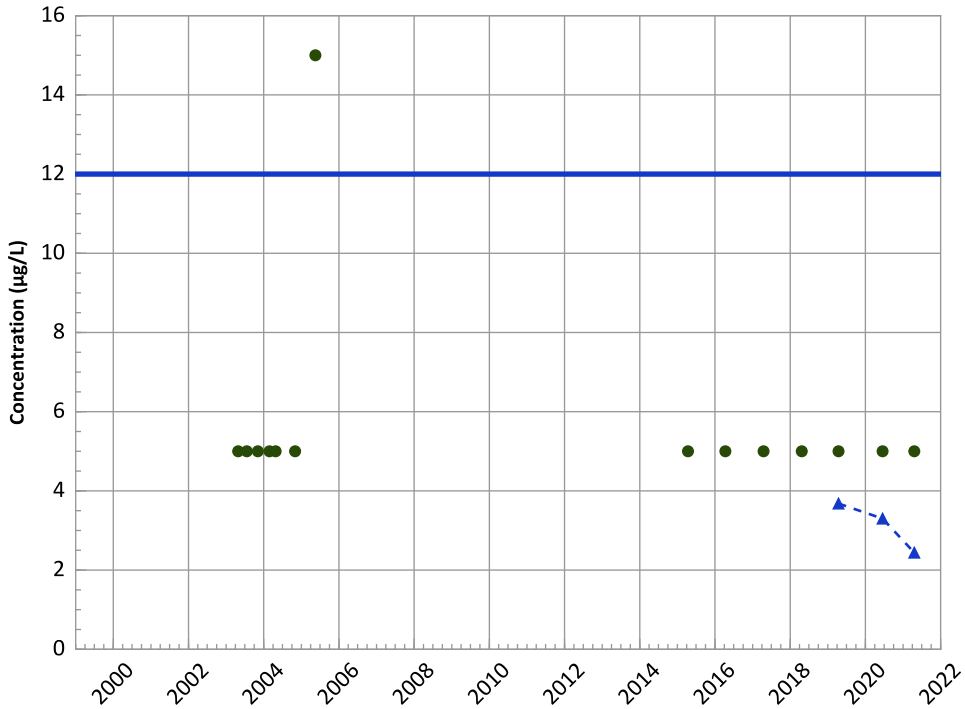


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1061 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

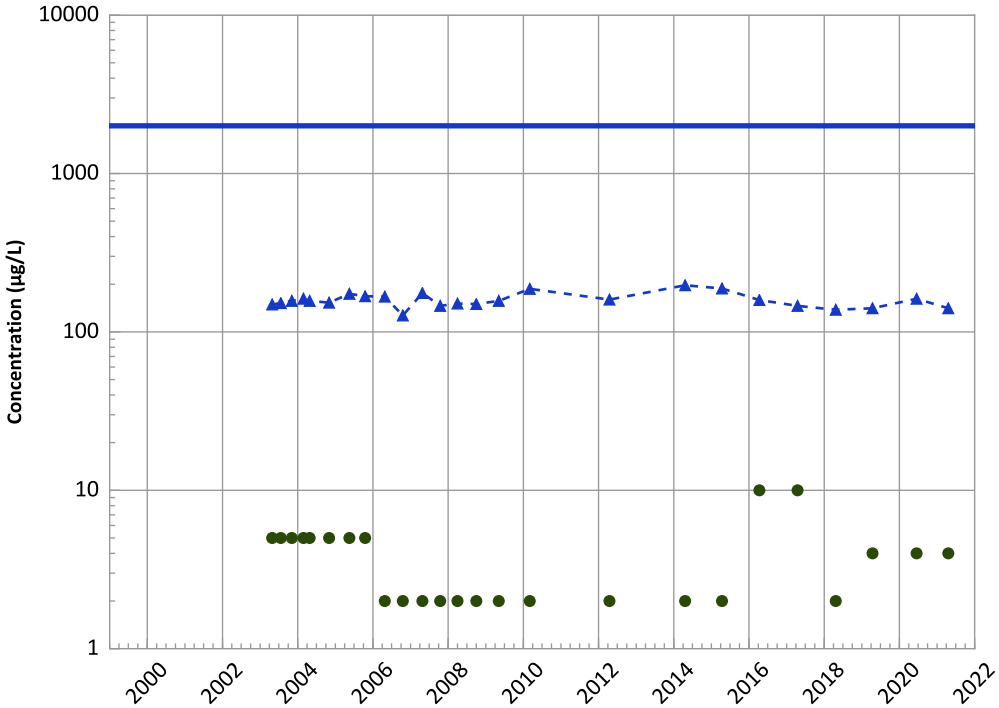


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Barium Trend

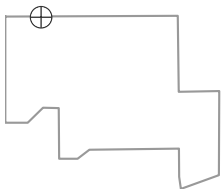


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

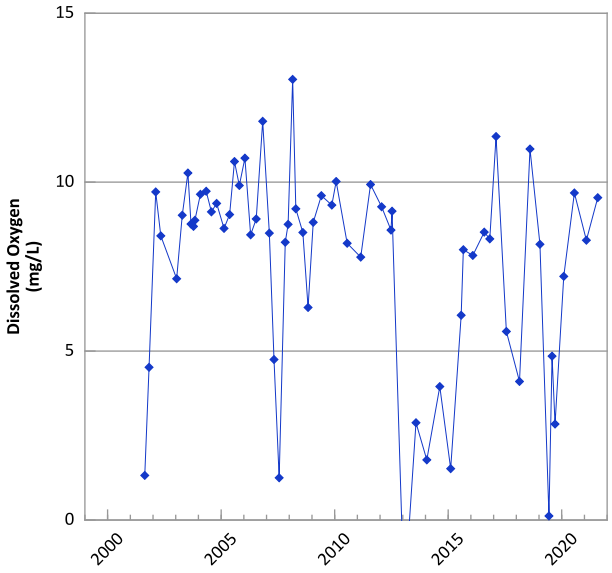
Well Location

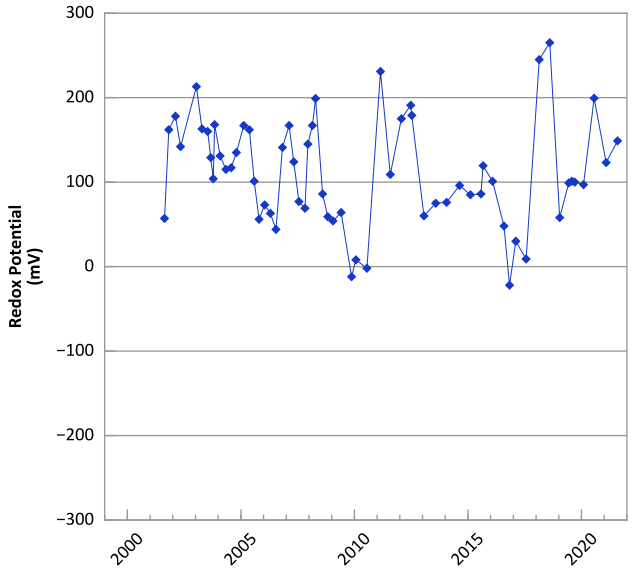


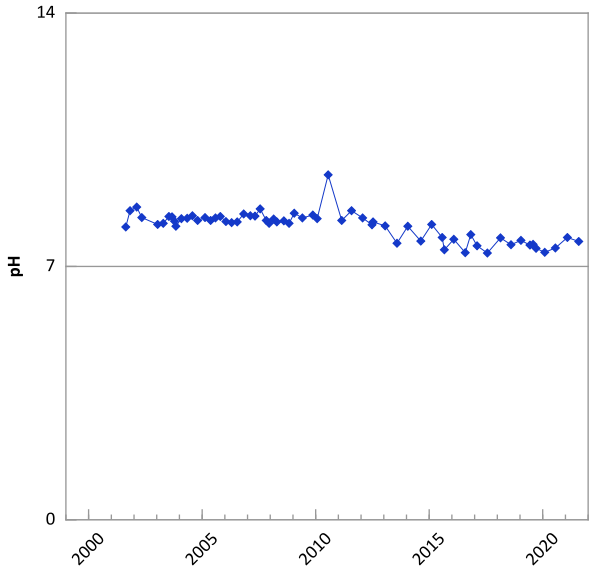
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/28/2003 to 04/20/2021
Analysis Date: 04/29/2022

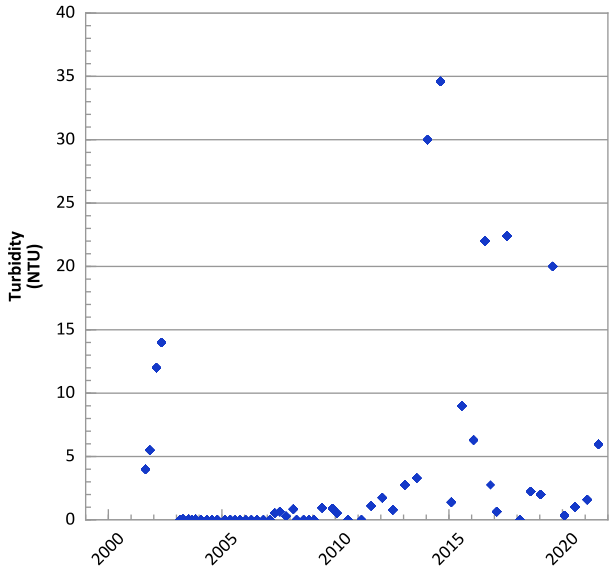
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



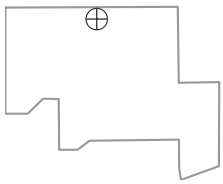






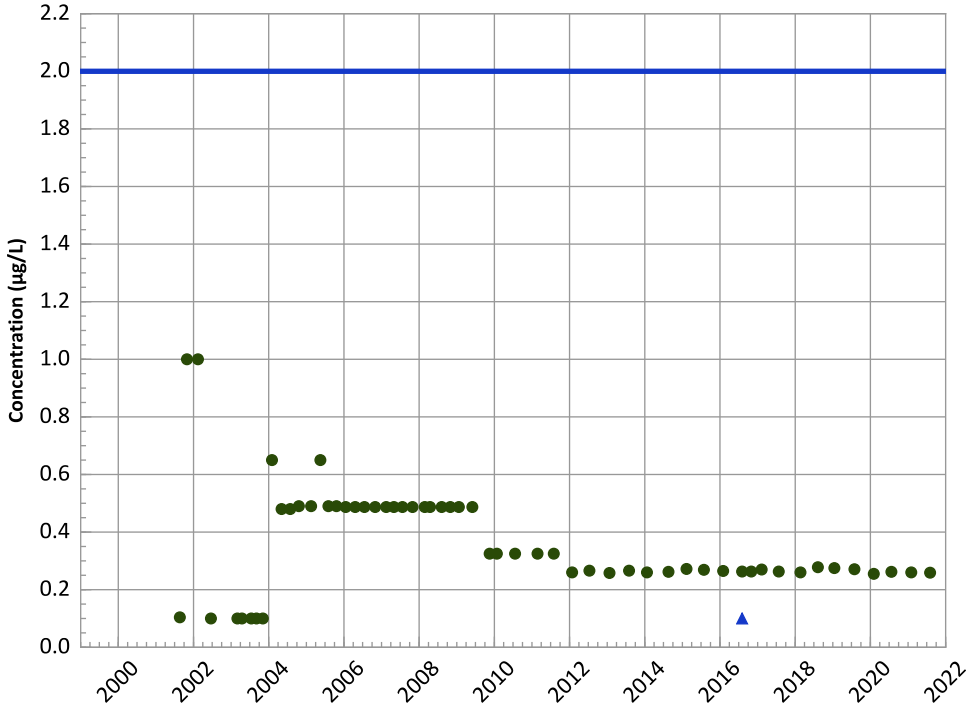
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

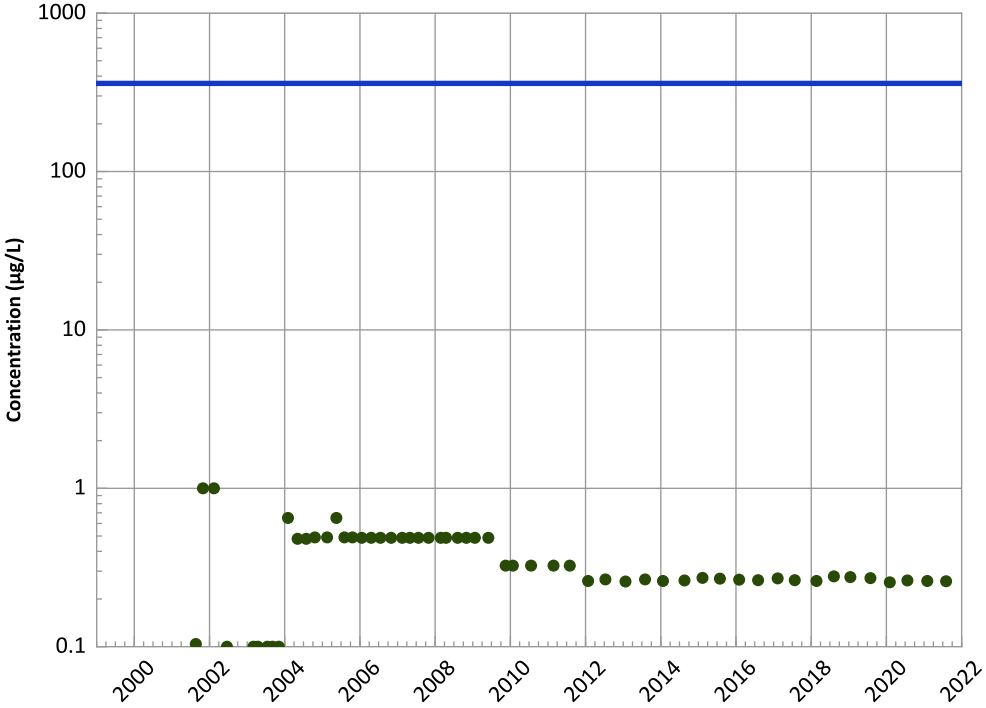


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

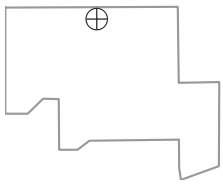
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

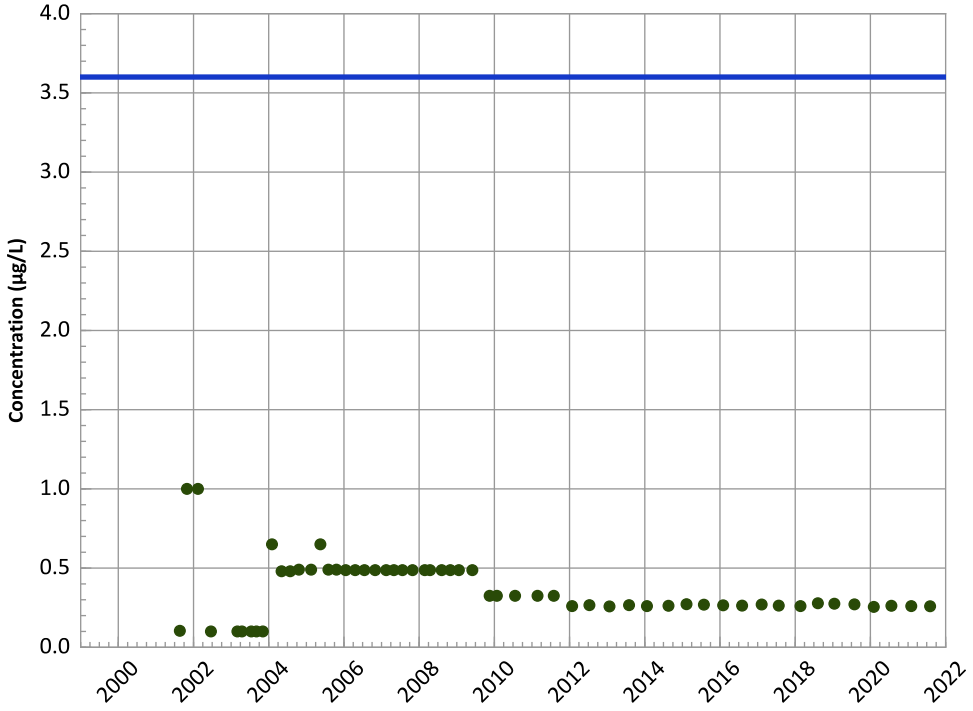
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

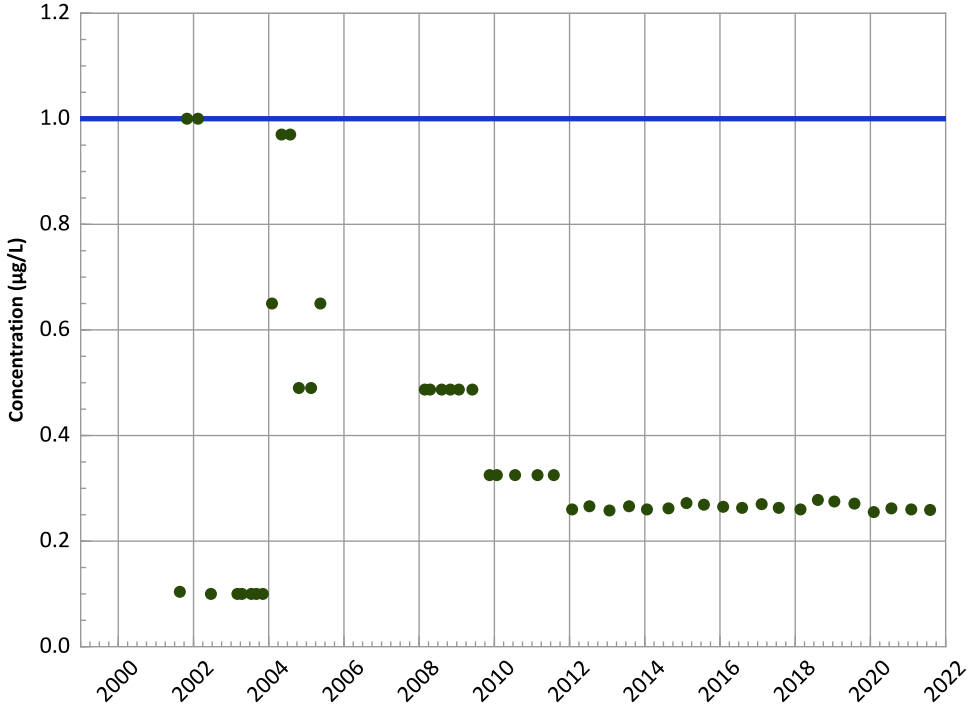


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

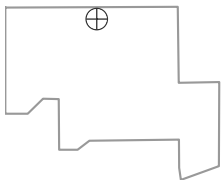
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

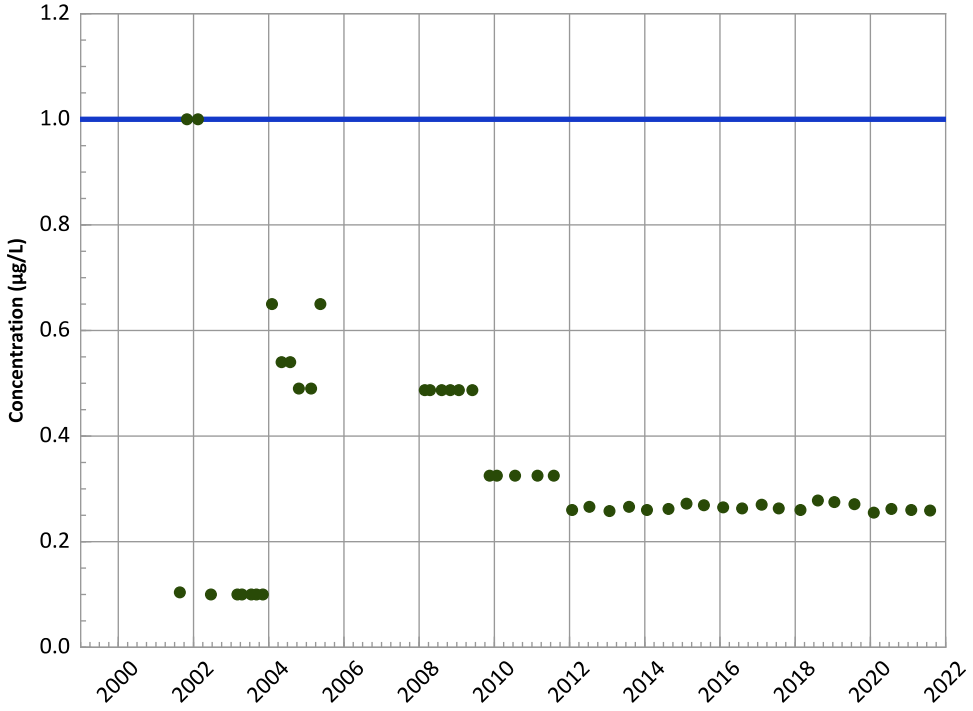
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

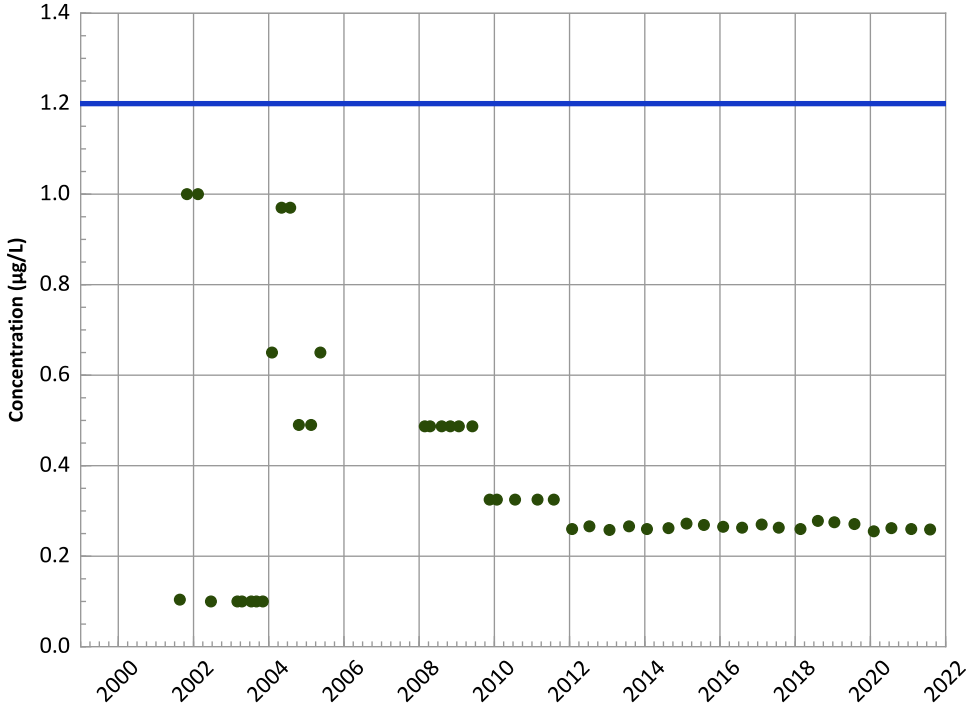


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

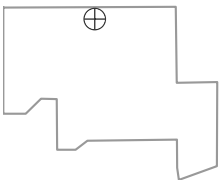


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

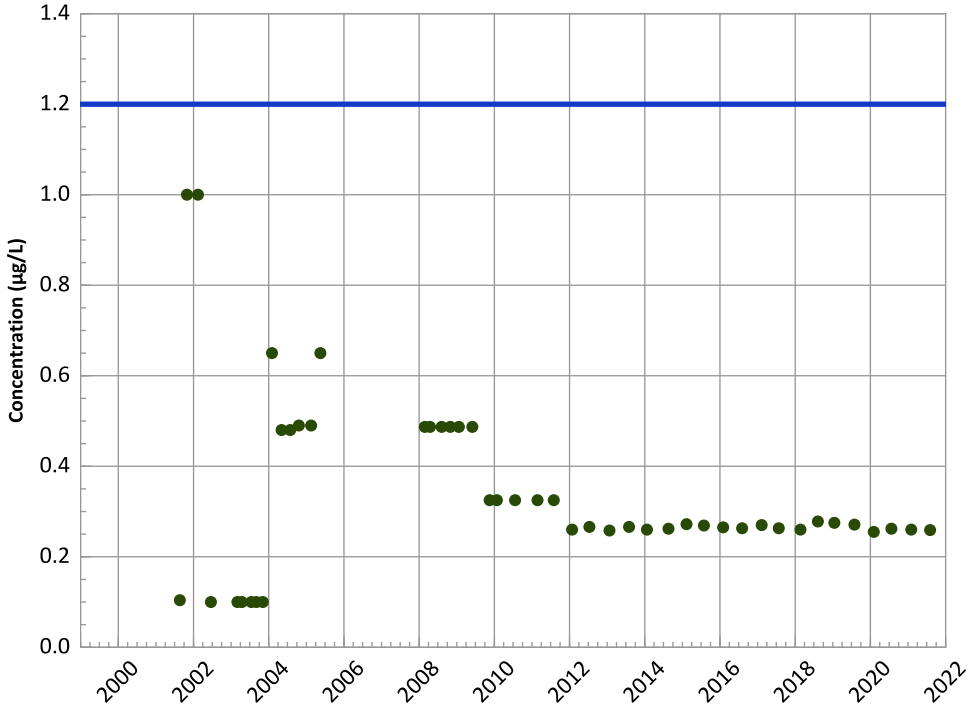


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

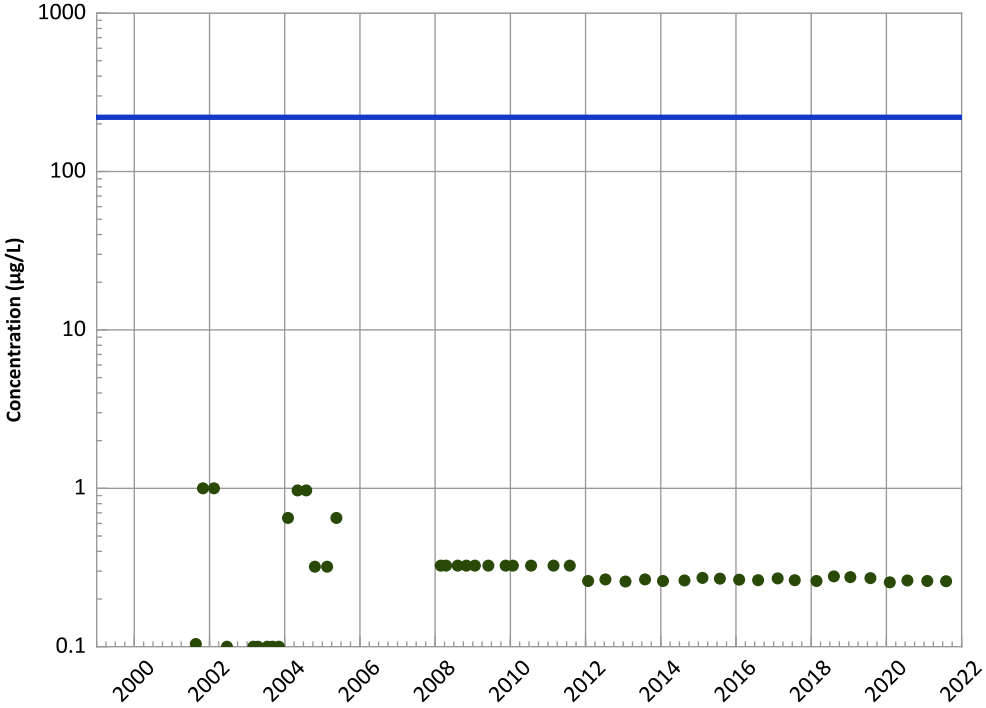


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

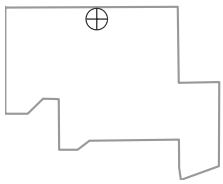
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

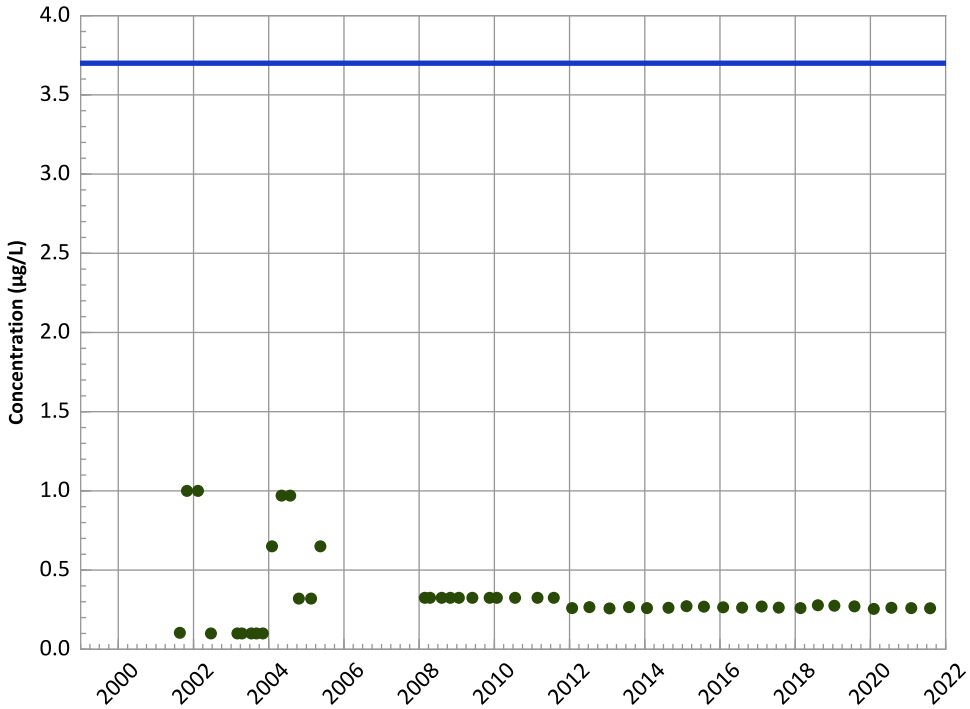
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

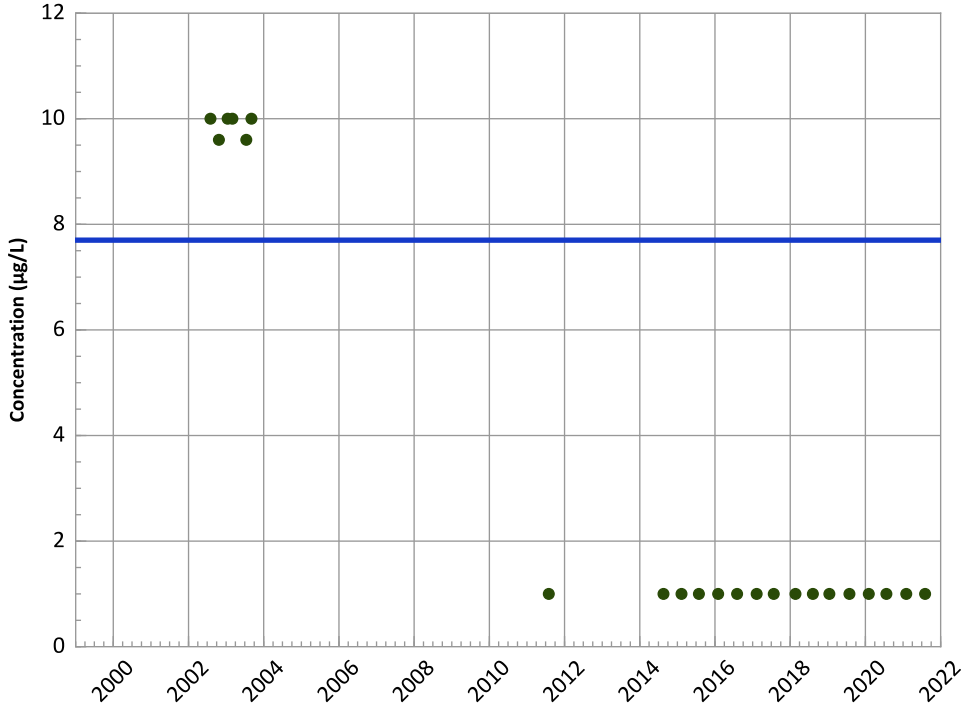


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

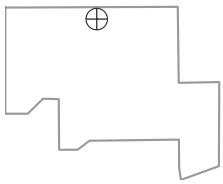
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

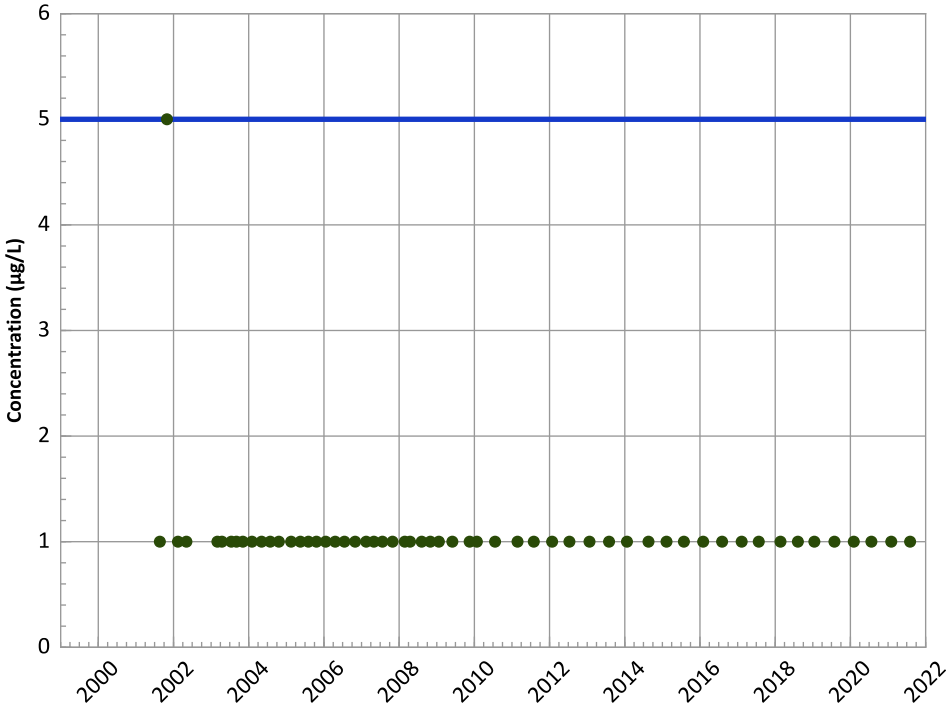
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

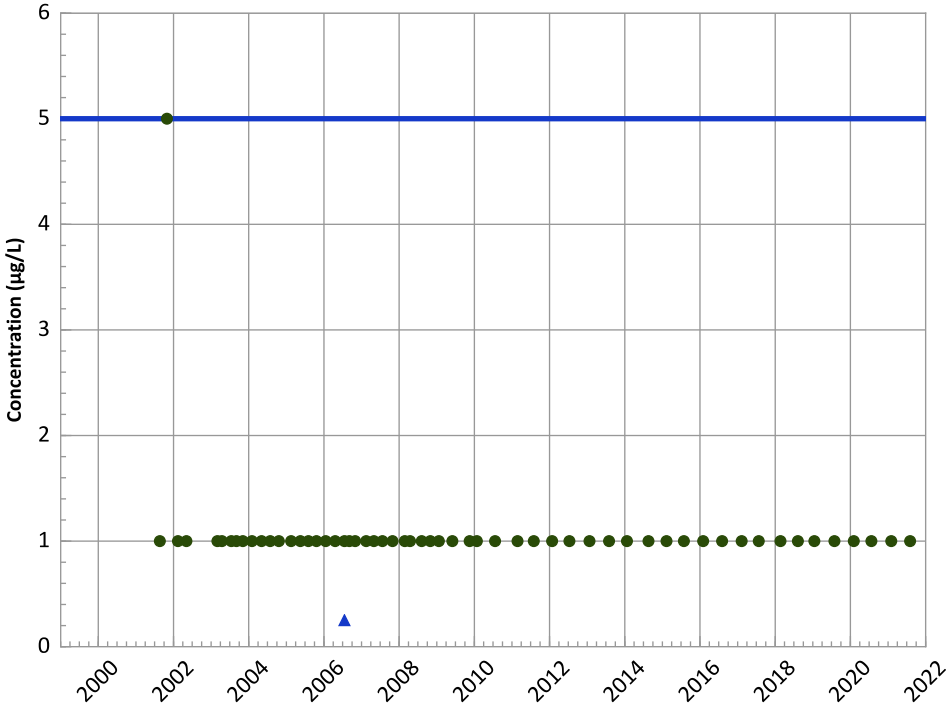


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

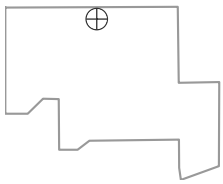


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Well Location

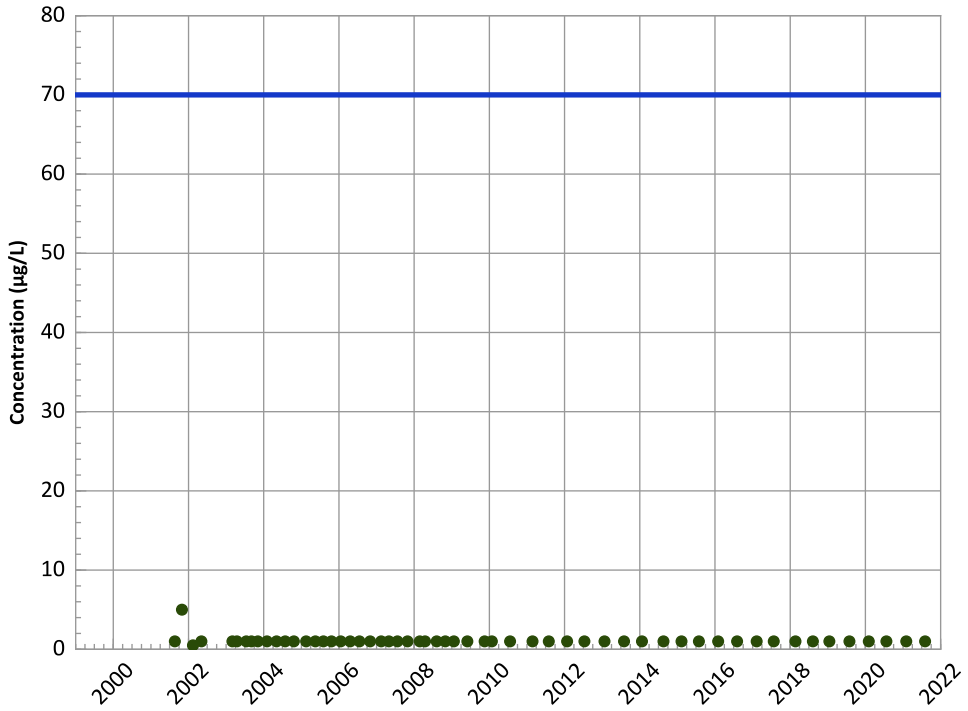


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

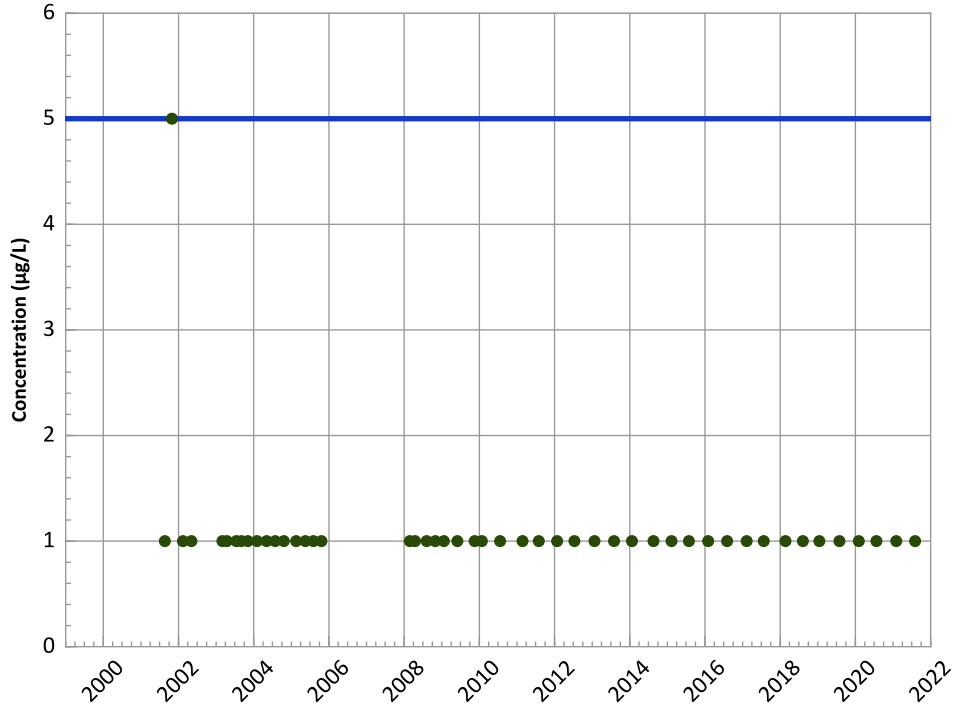


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

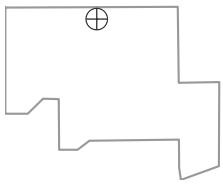


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

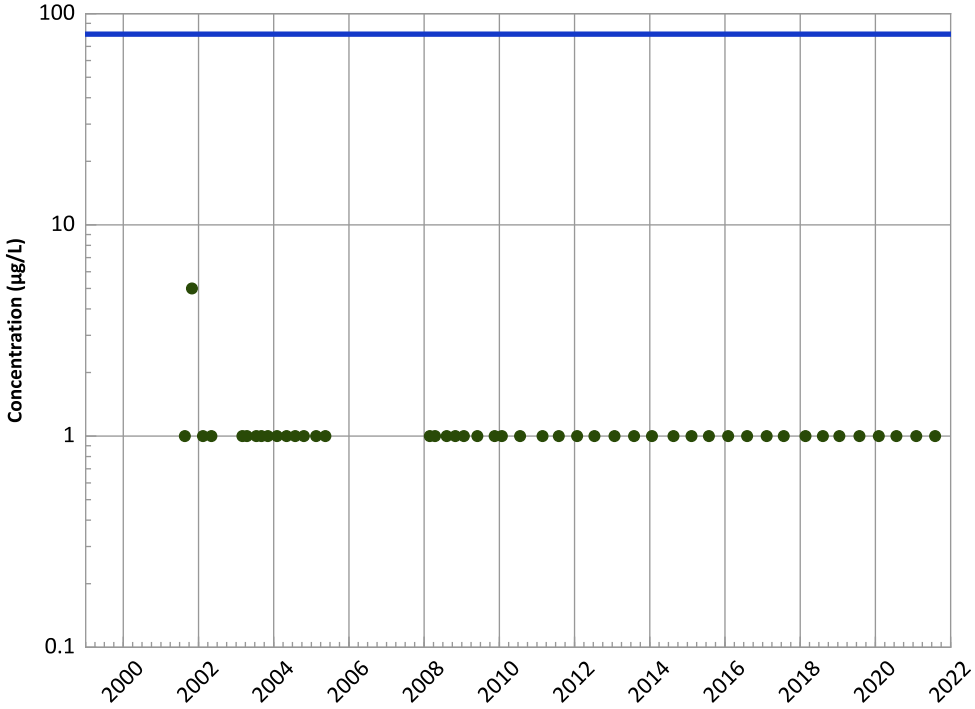


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

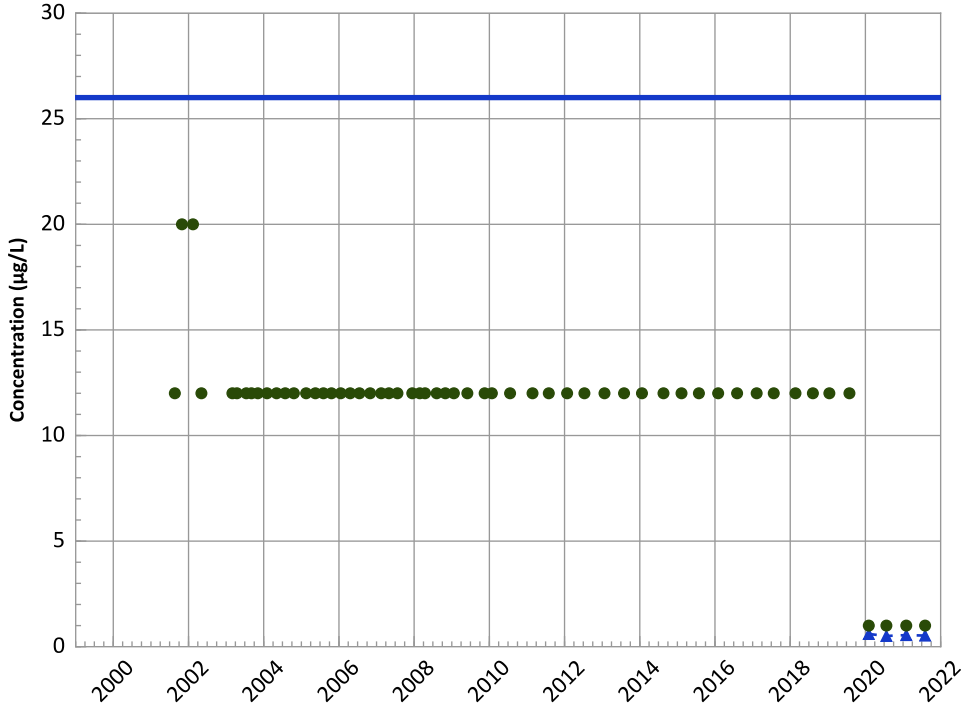


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend

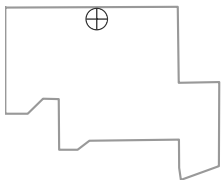


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Well Location

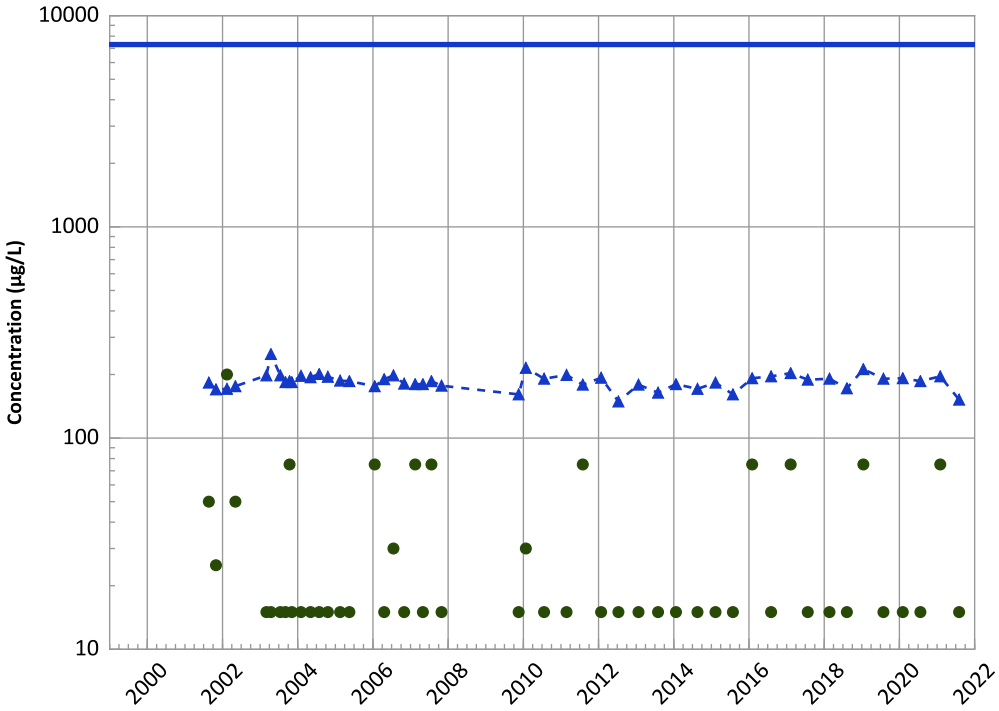


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

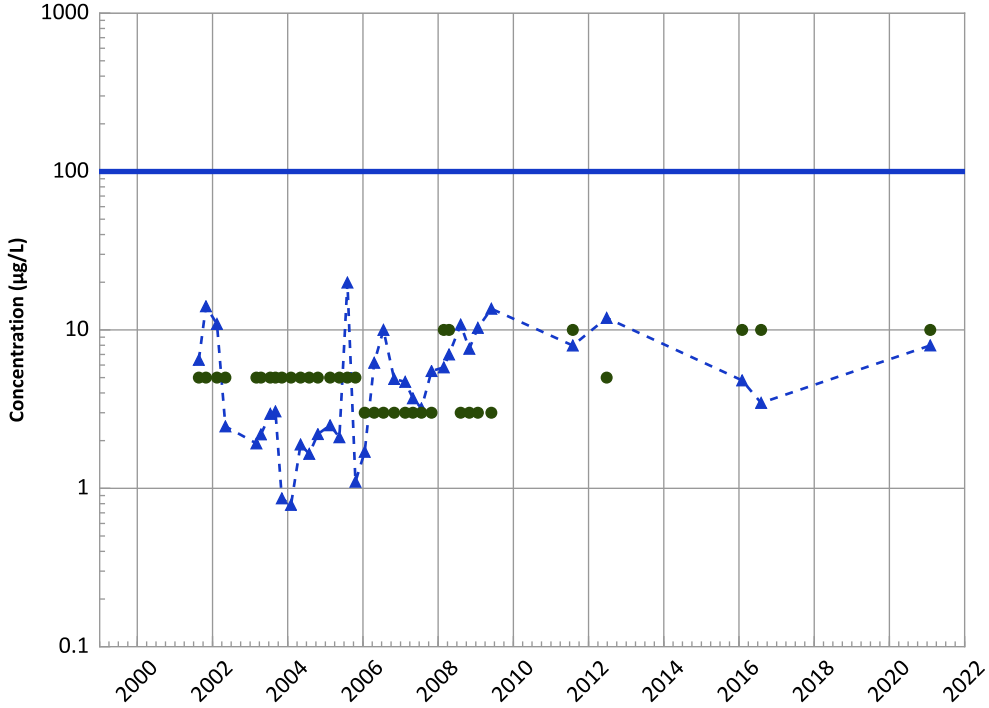


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chromium, Total Trend



Concentration Trend

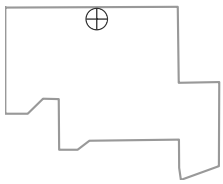
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

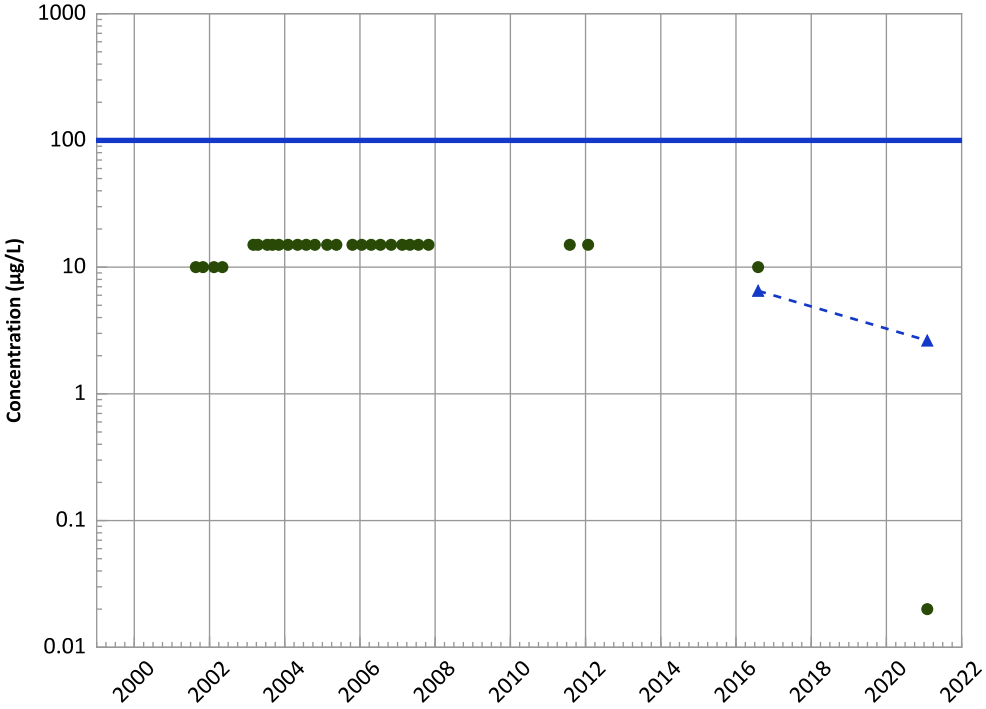
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

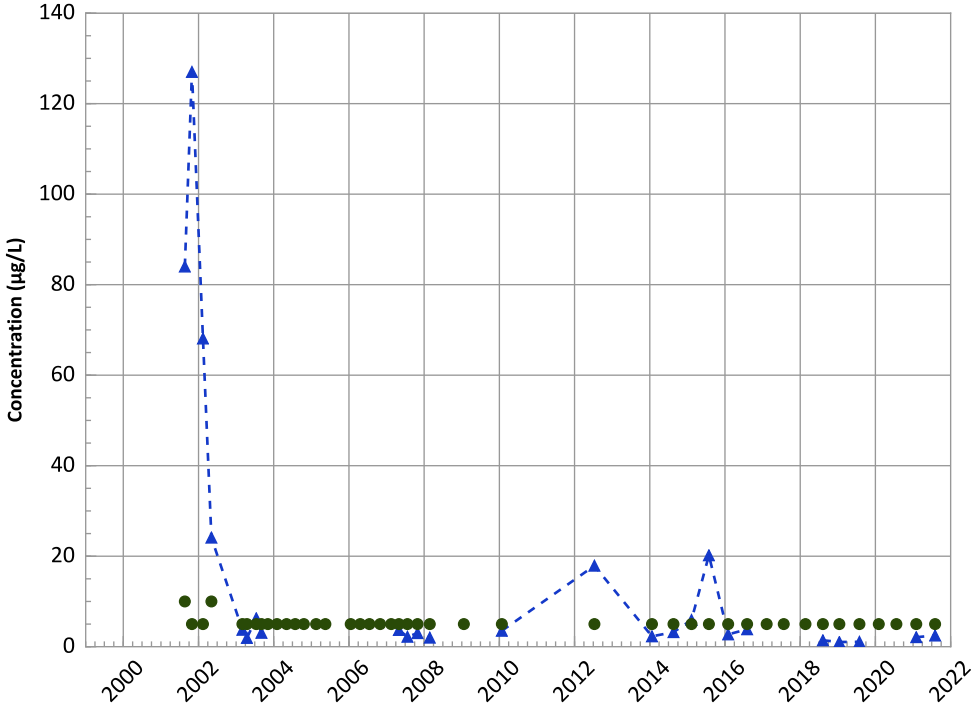


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

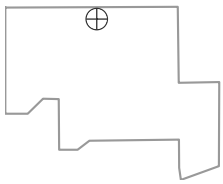
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

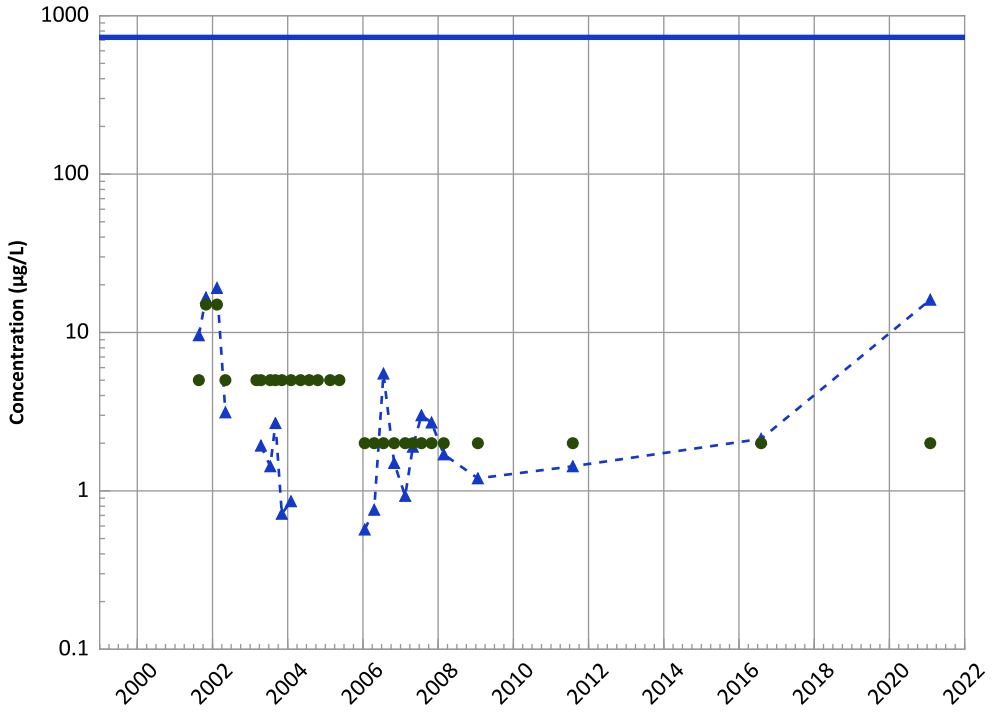
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

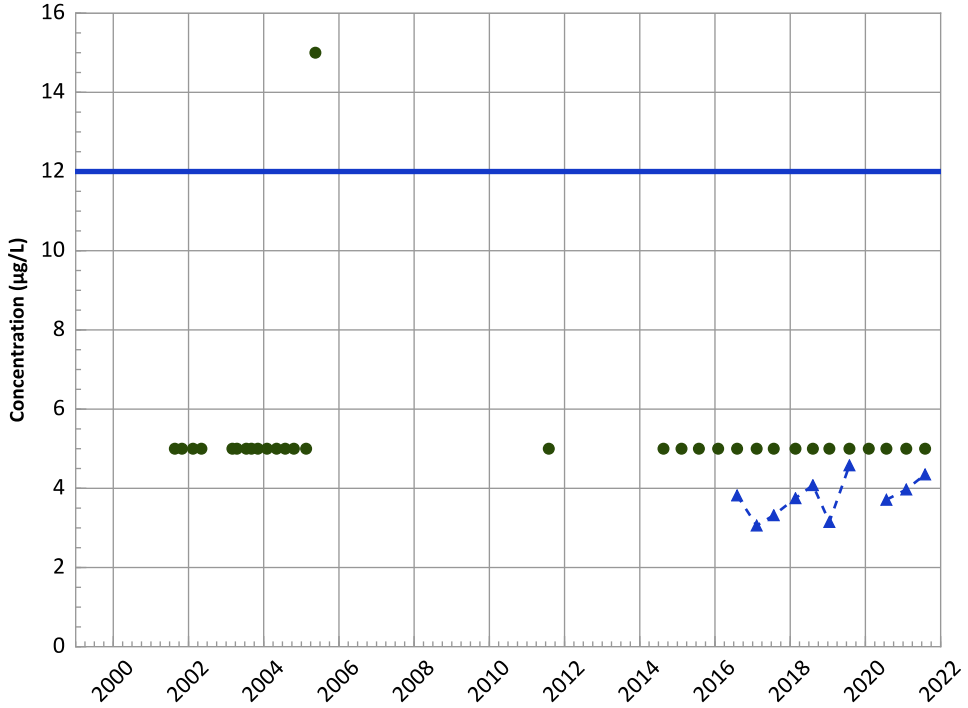


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Increasing

Arsenic Trend



Concentration Trend

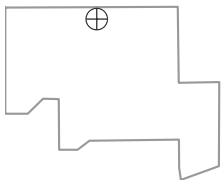
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

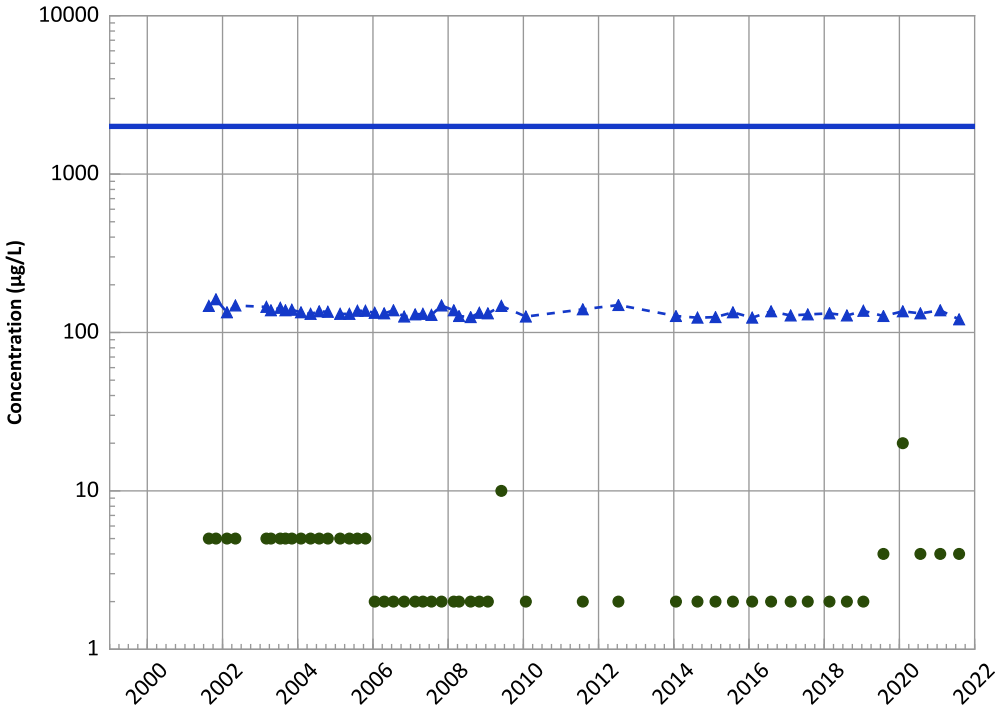
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1062A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

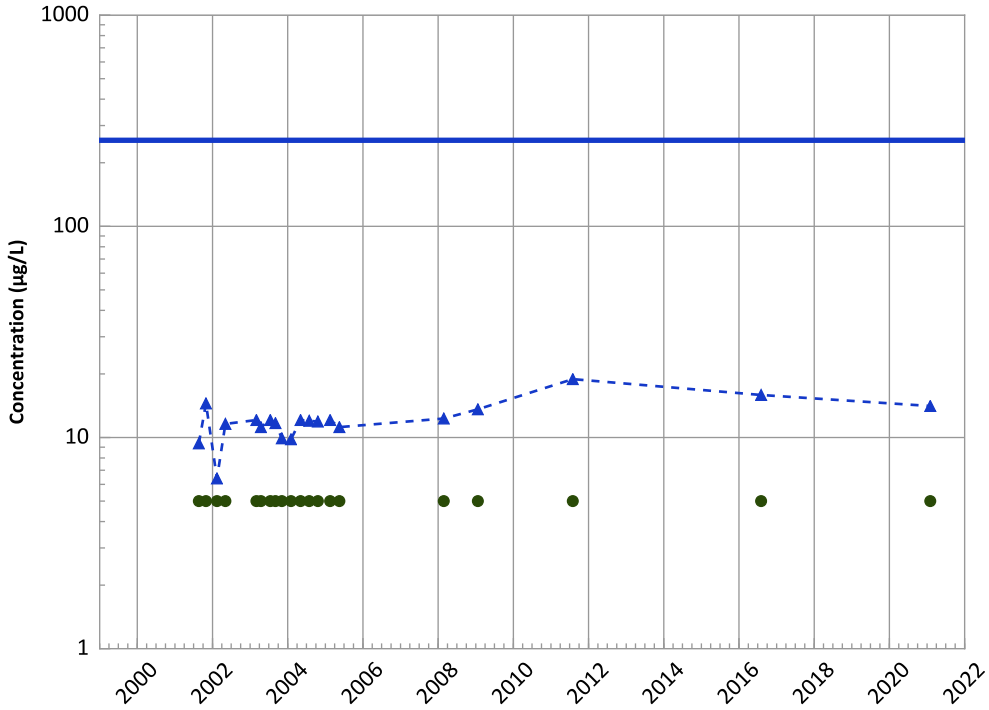


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

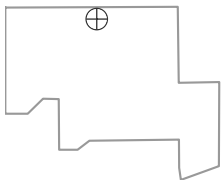
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

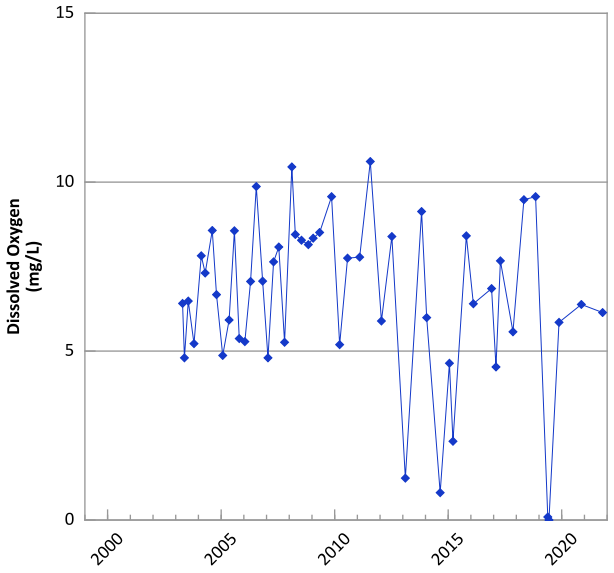
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/21/2001 to 08/03/2021
Analysis Date: 04/29/2022

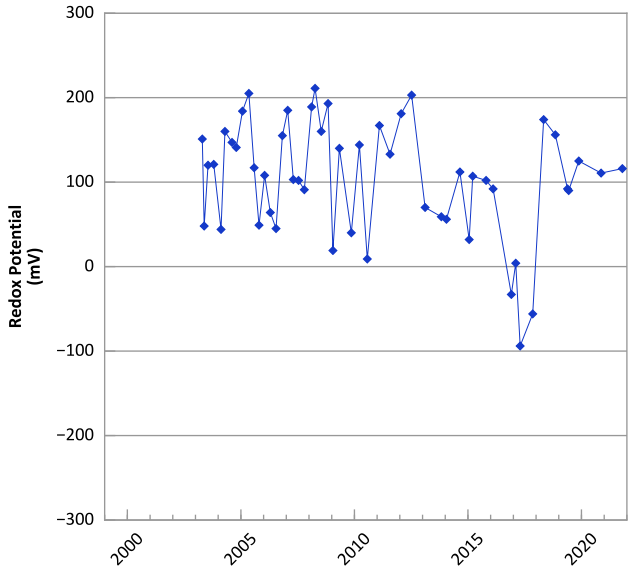
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

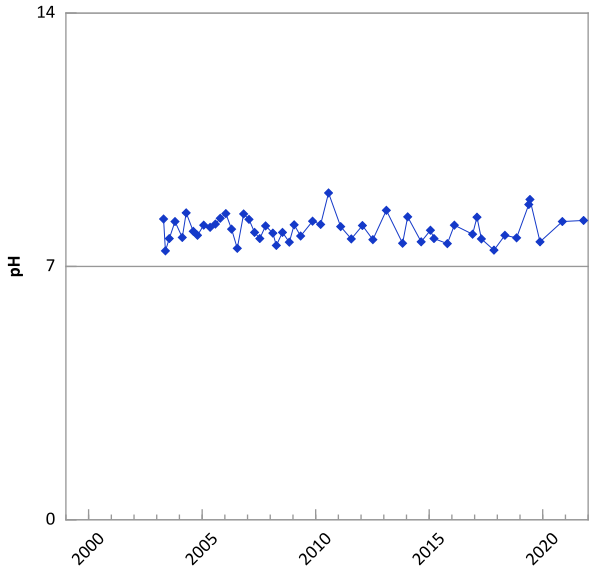
Well Location

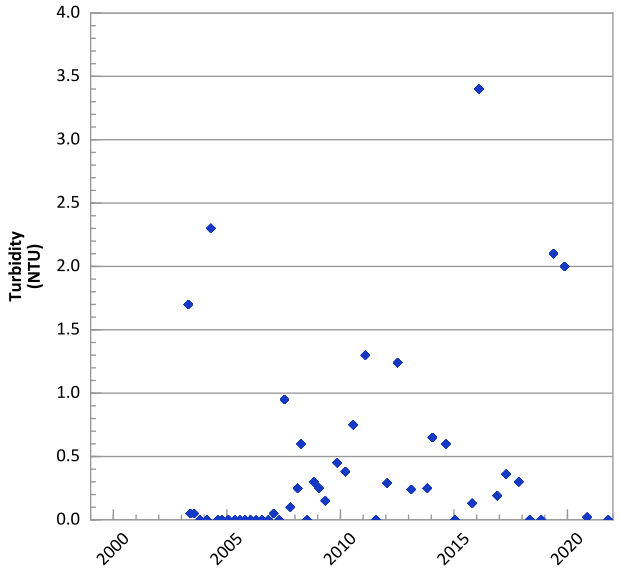


PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



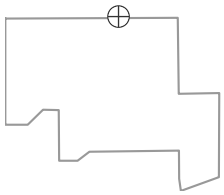






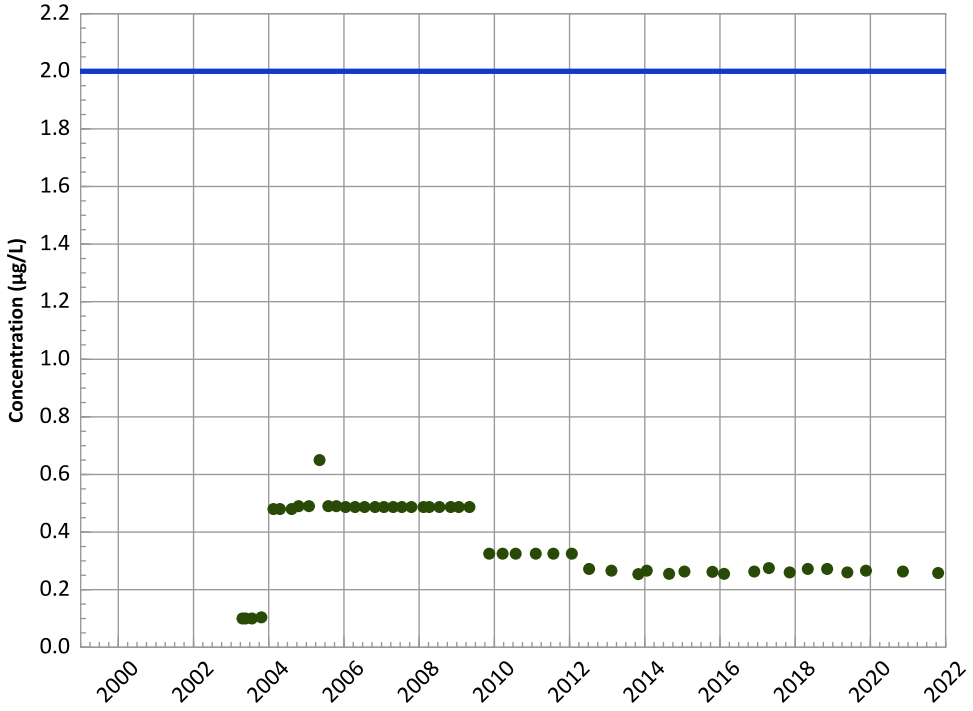
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

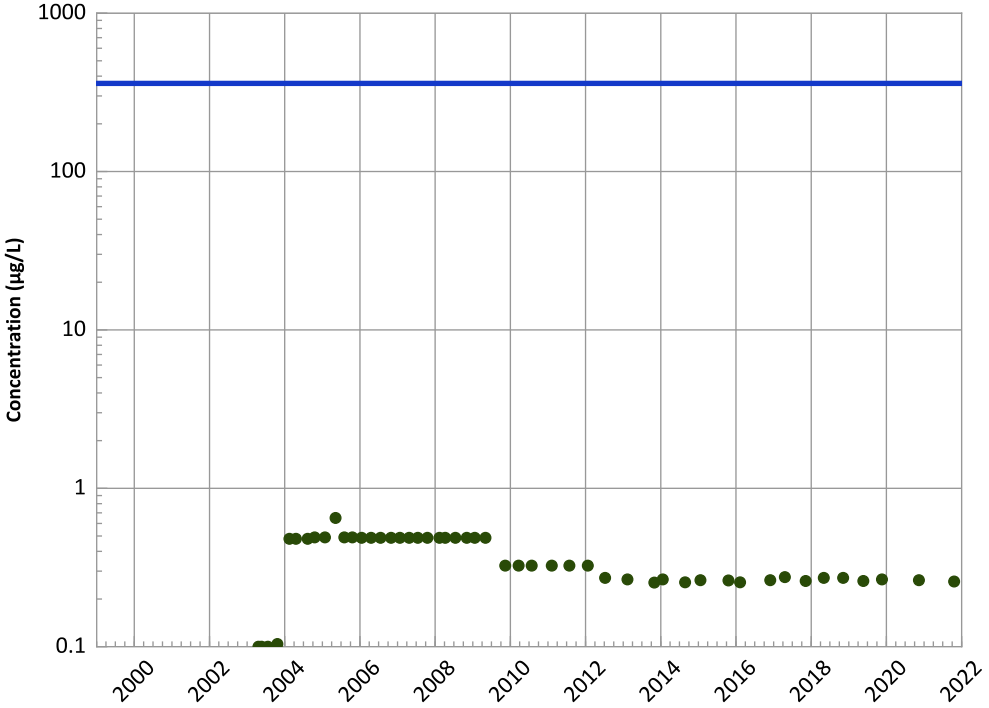


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

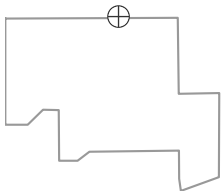
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

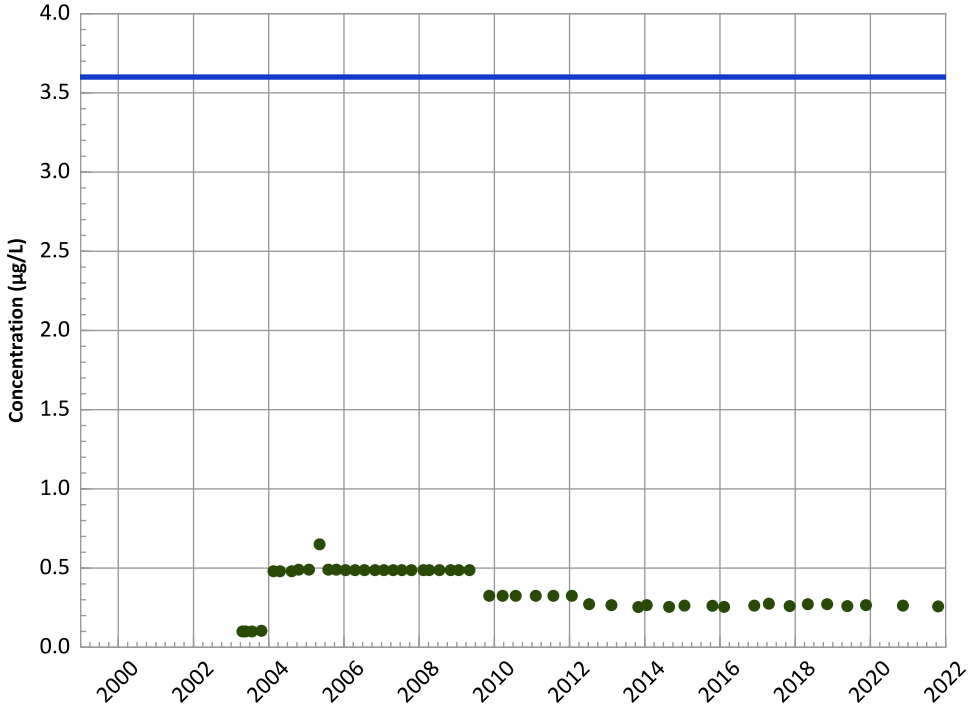
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

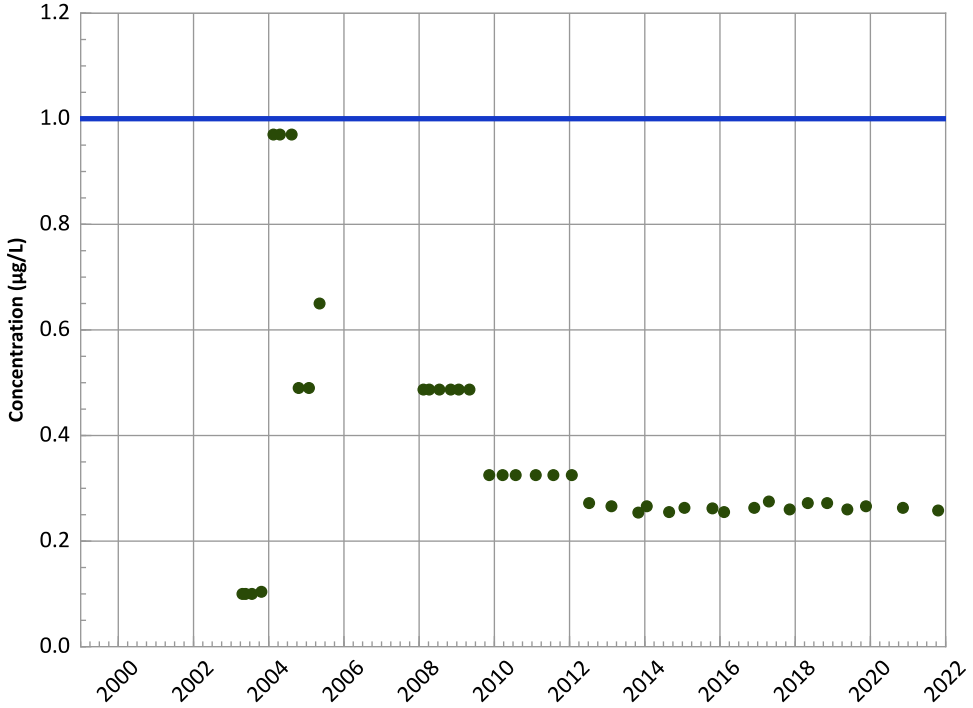


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

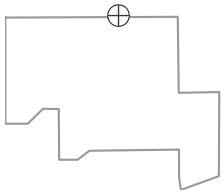
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

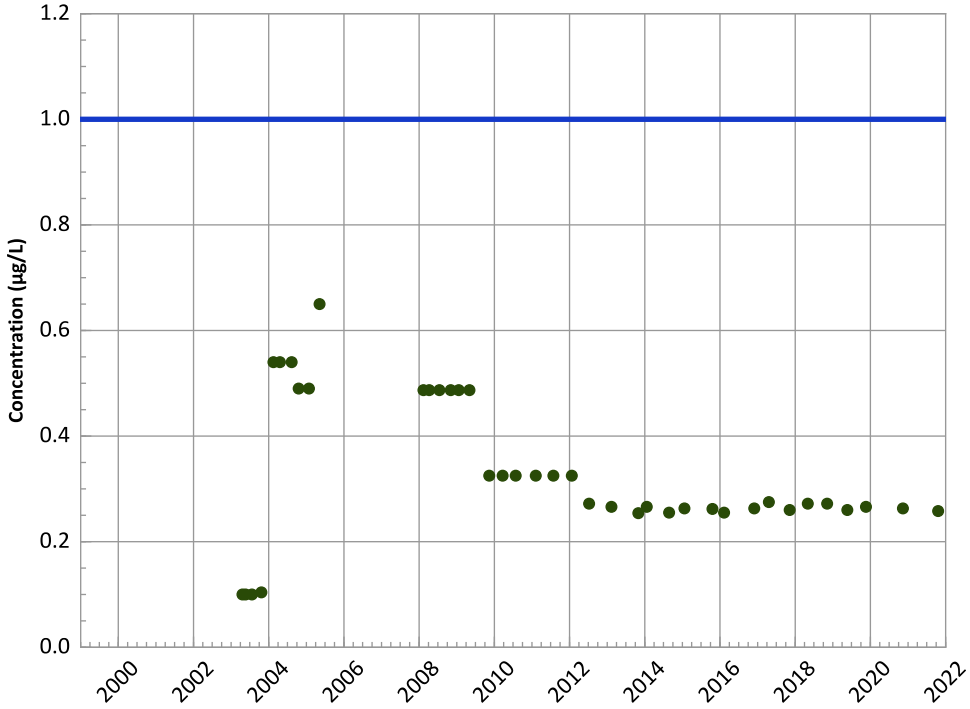
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

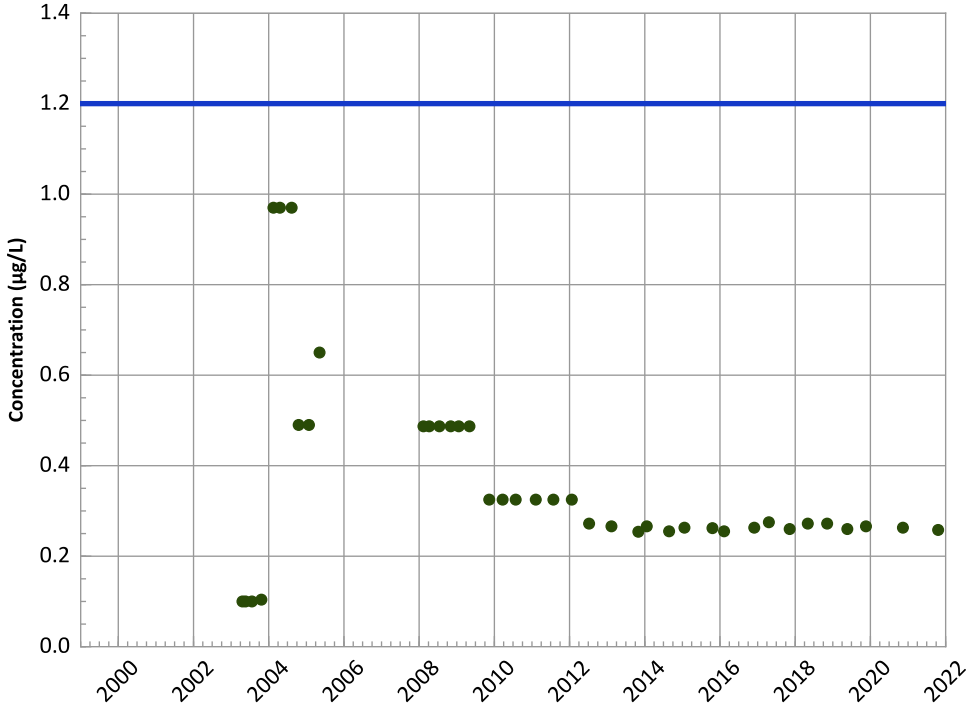


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

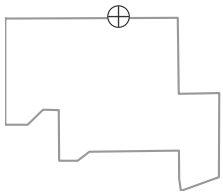


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

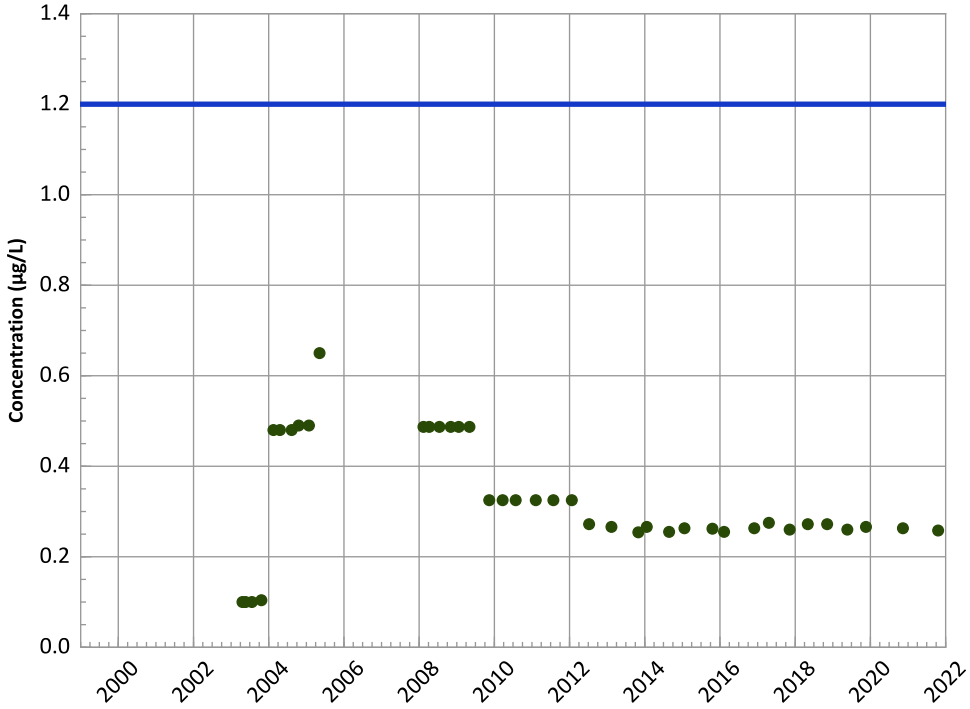


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

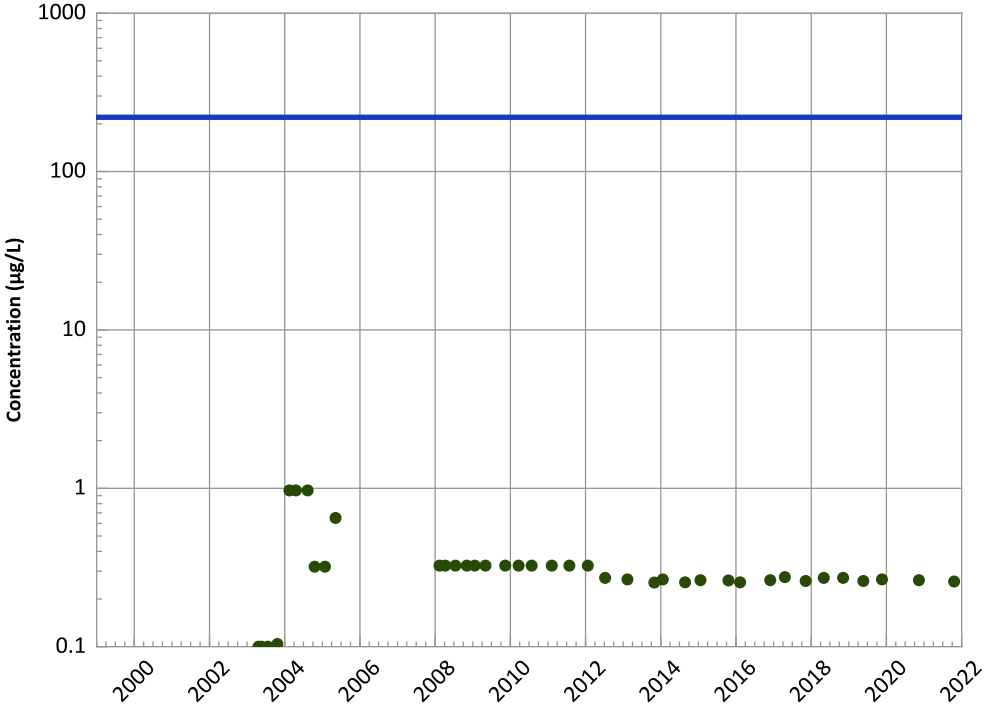


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

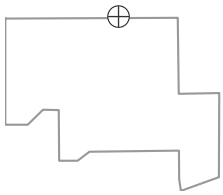
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

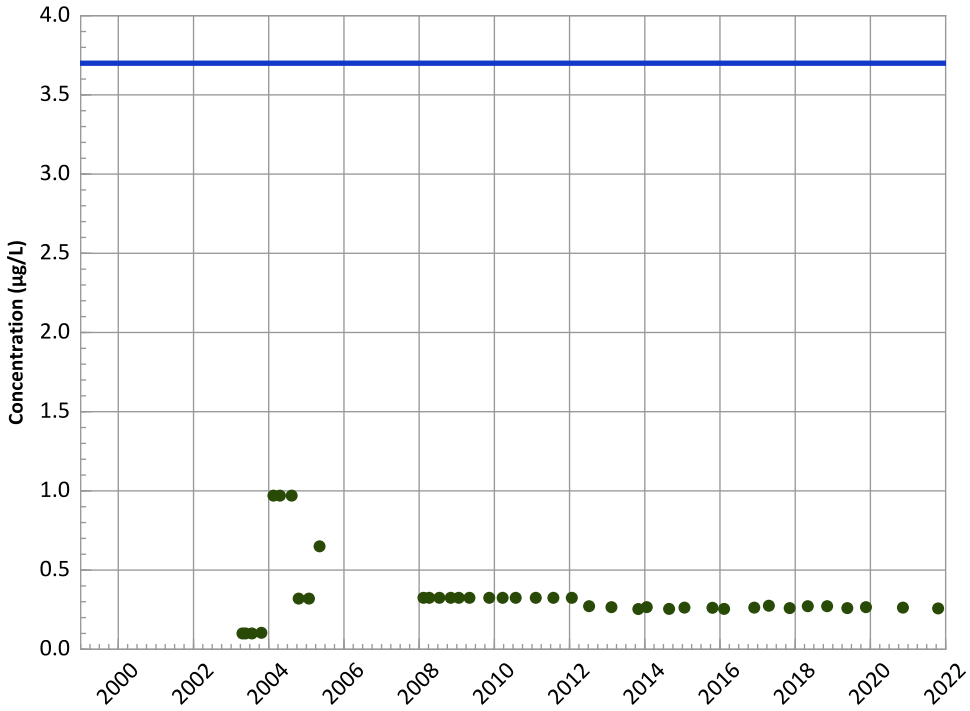
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

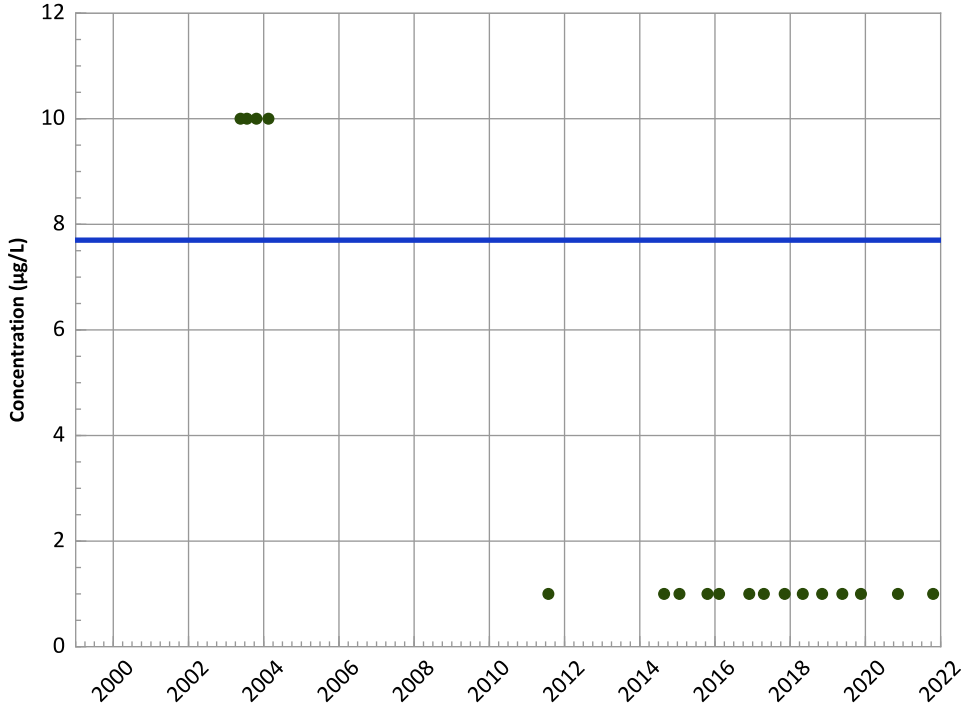


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

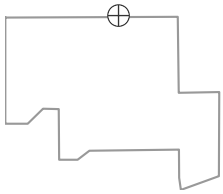
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

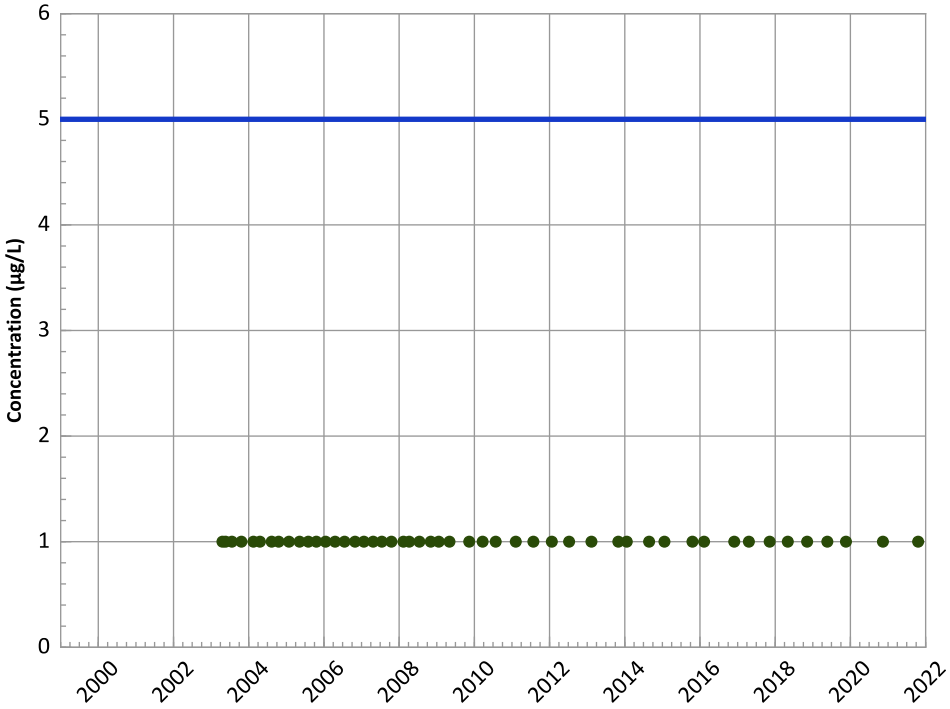
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

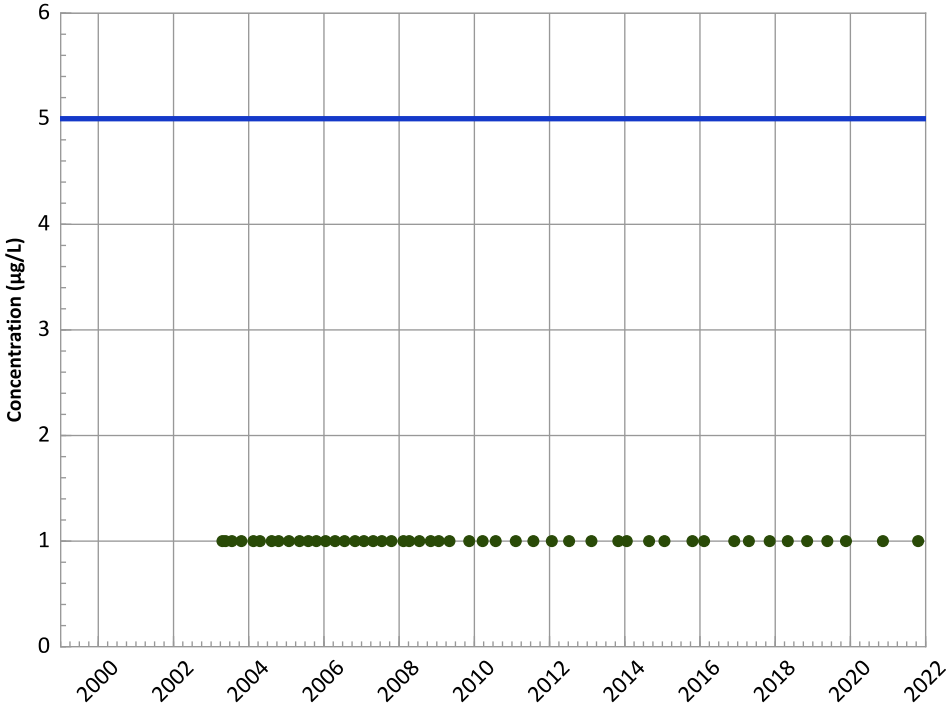


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

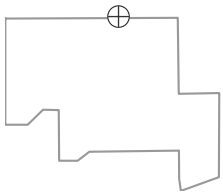


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

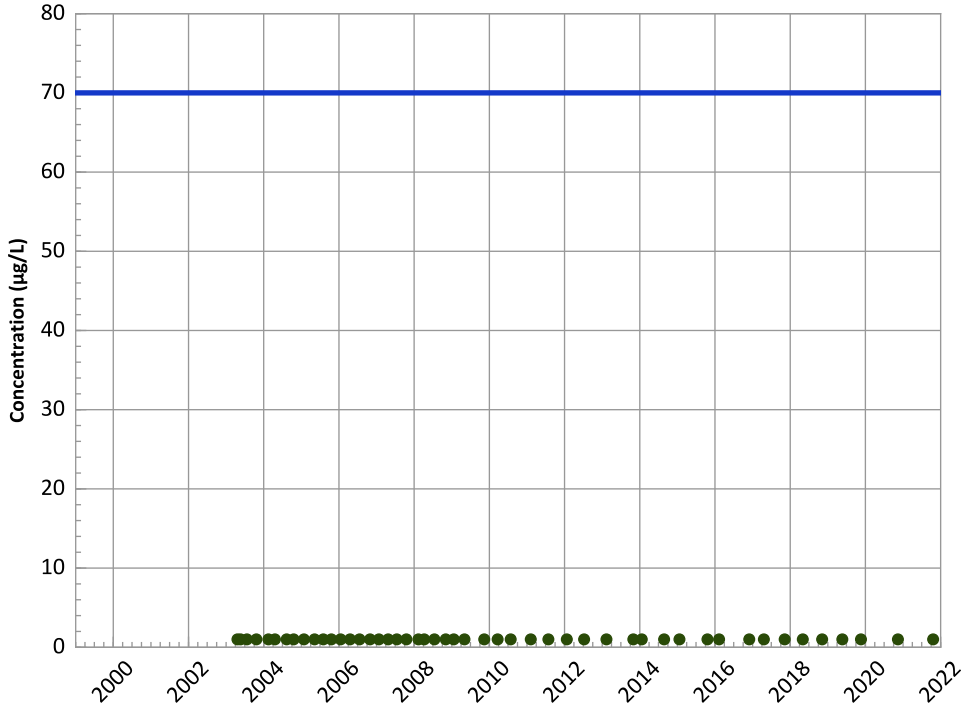


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

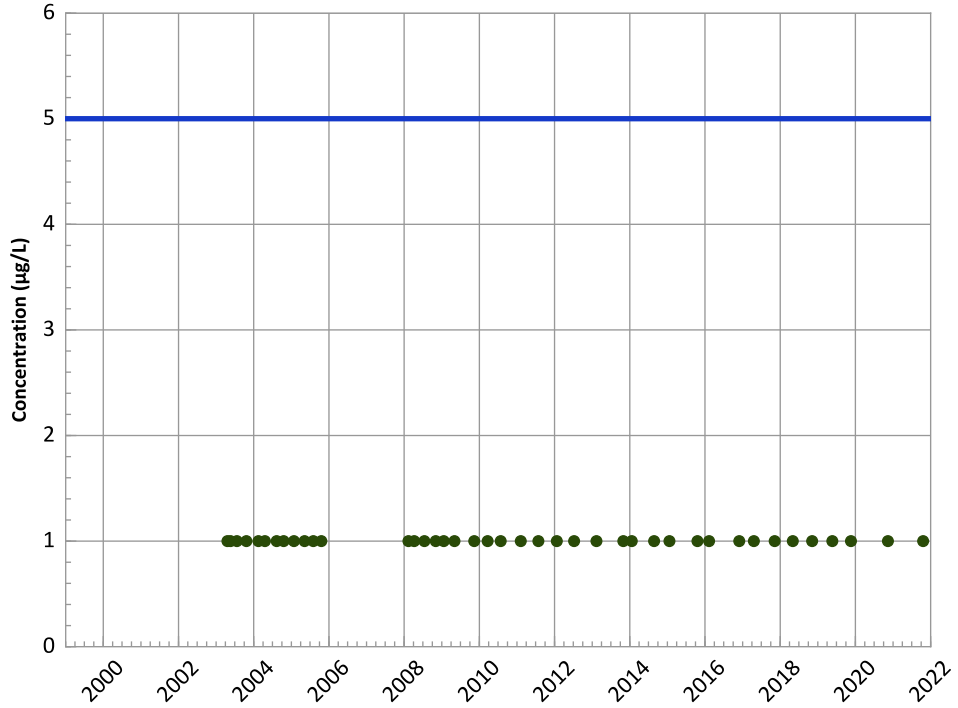


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

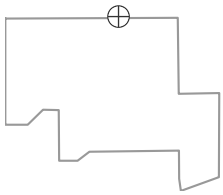


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

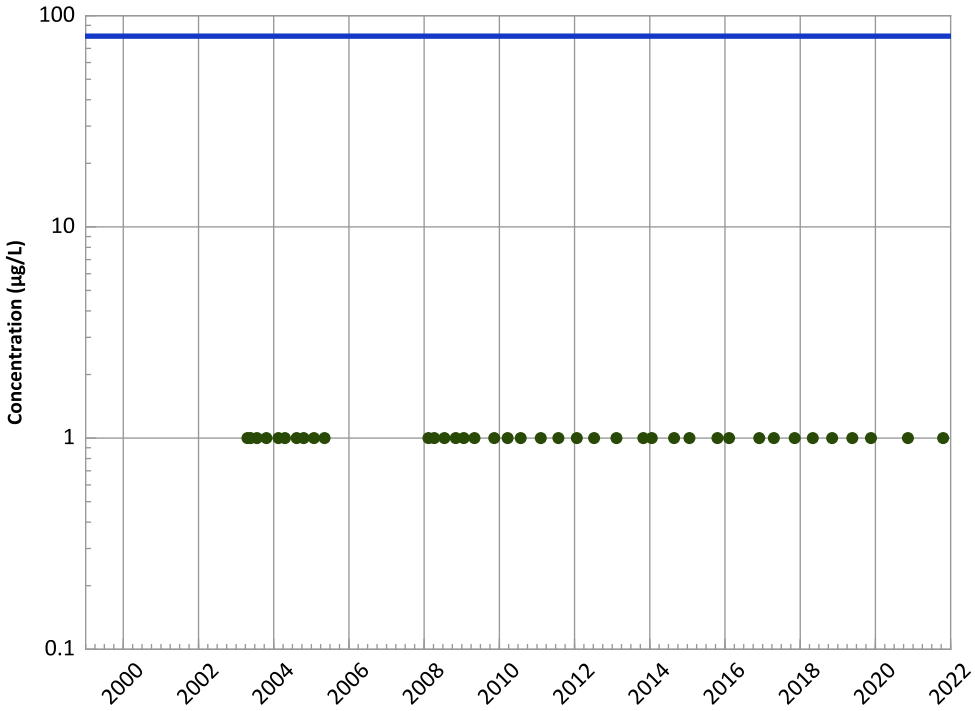


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

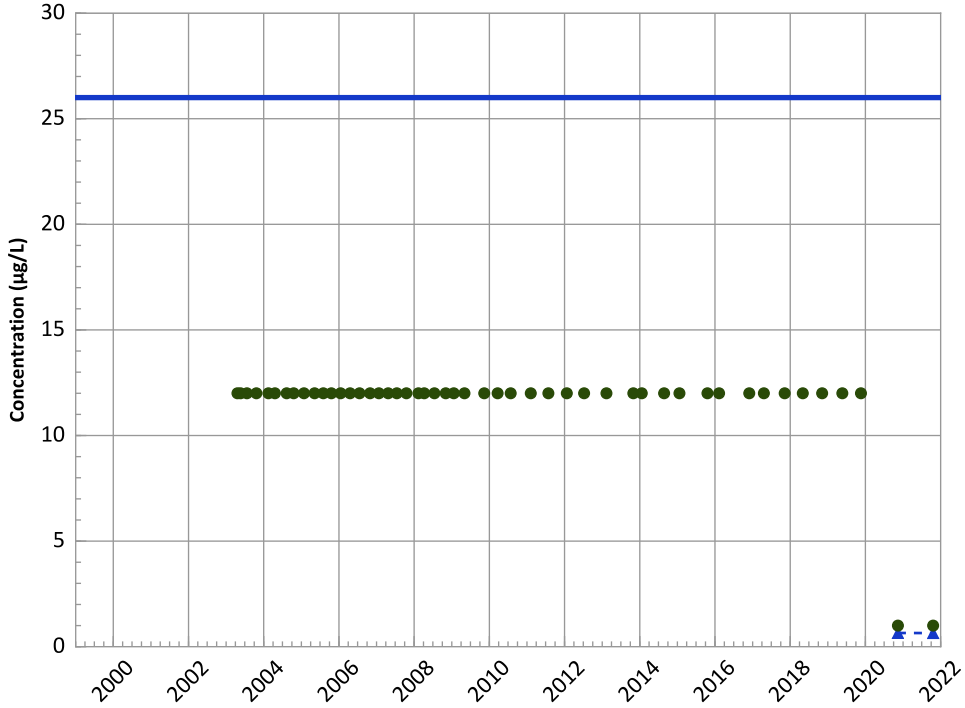


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

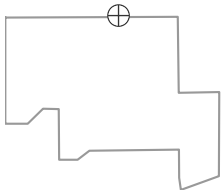
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

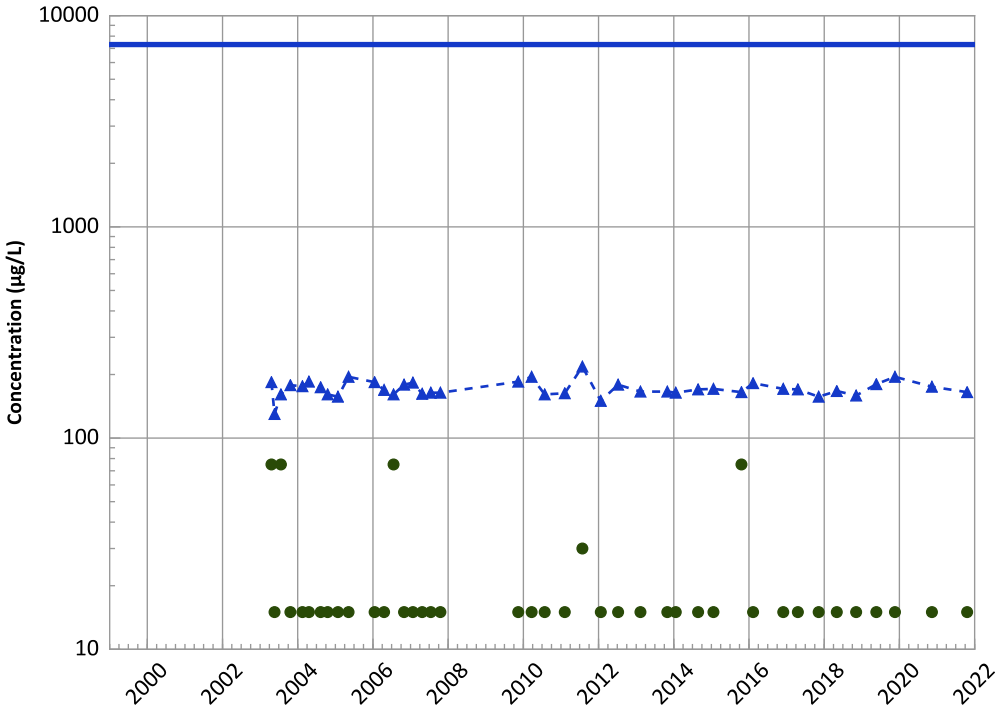
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

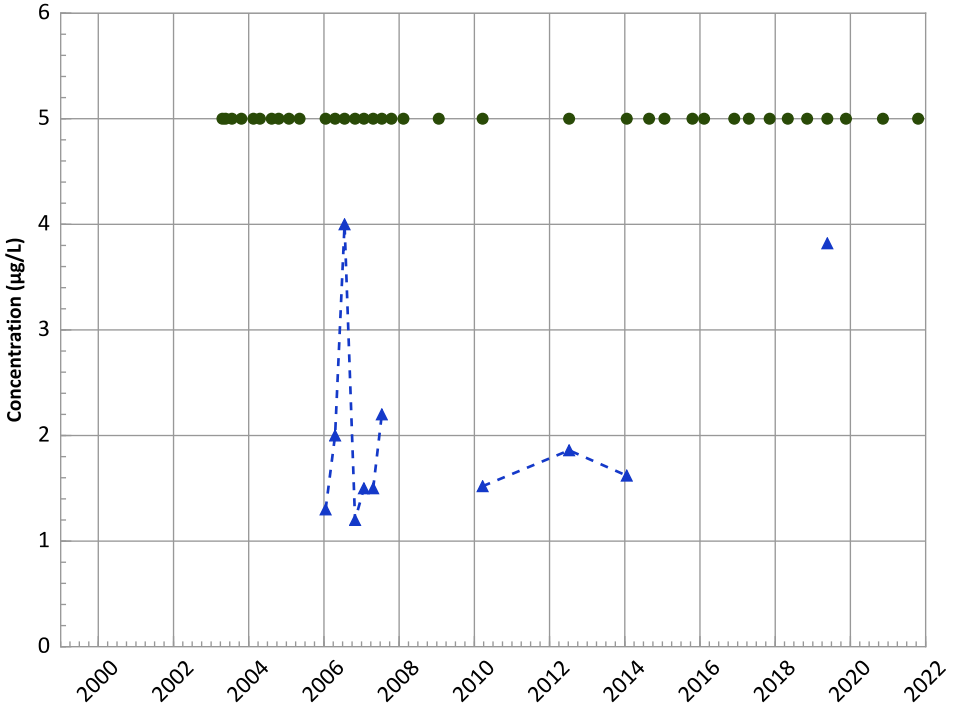


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

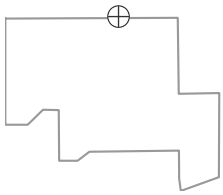
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

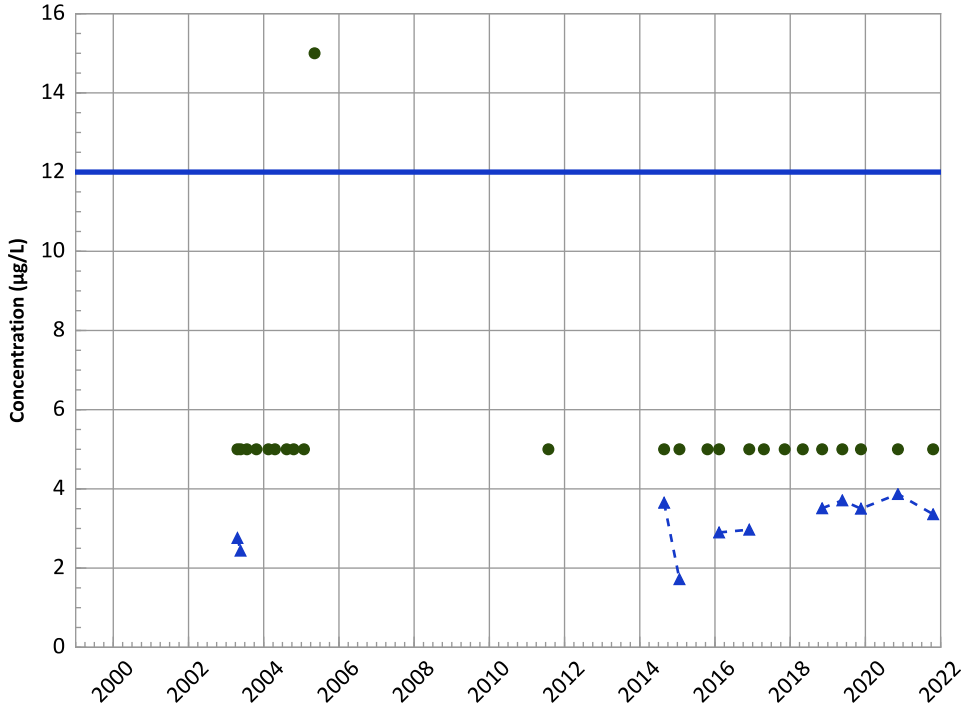
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1064 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

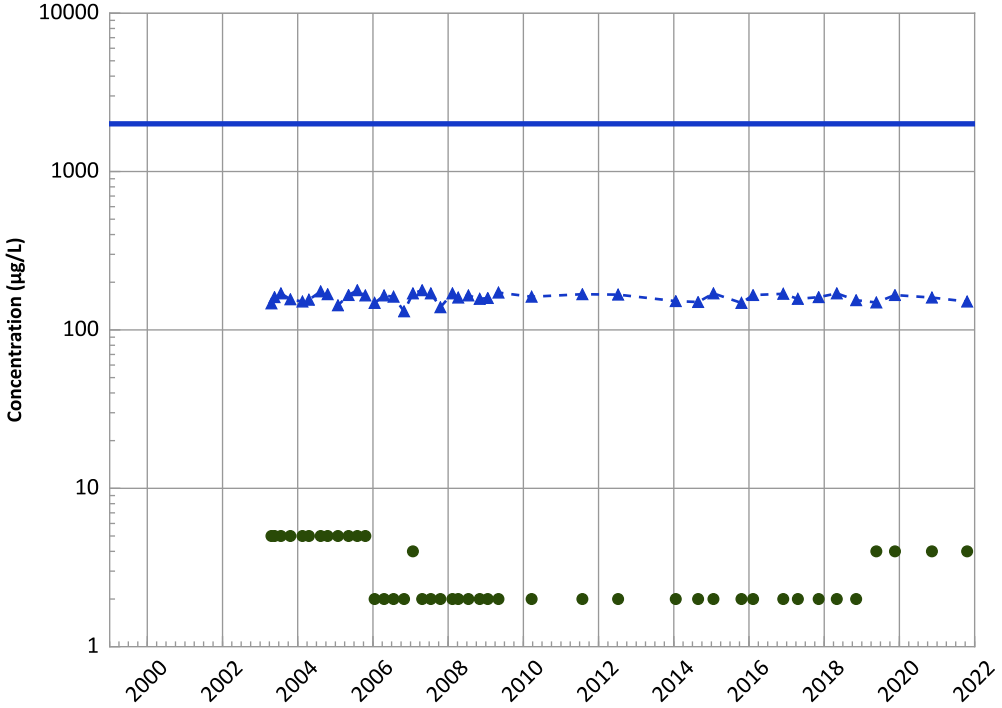


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Barium Trend

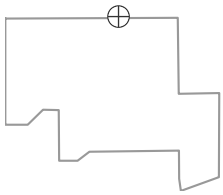


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

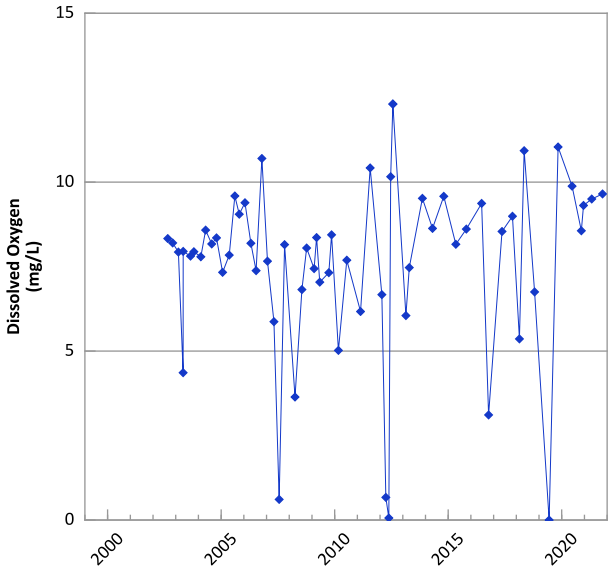
Well Location

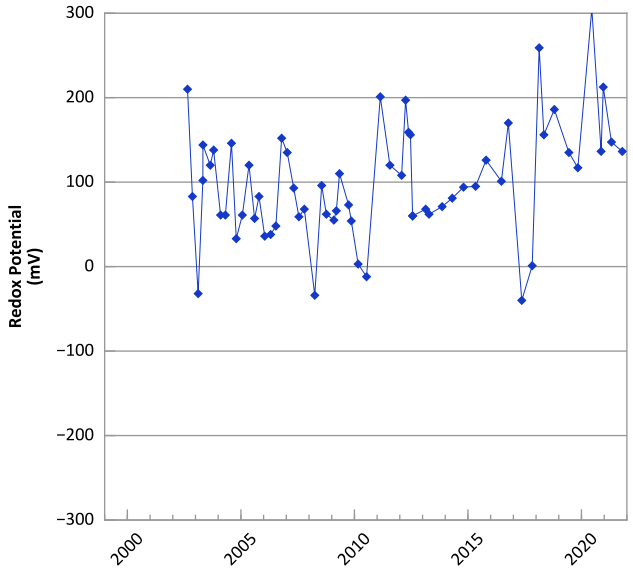


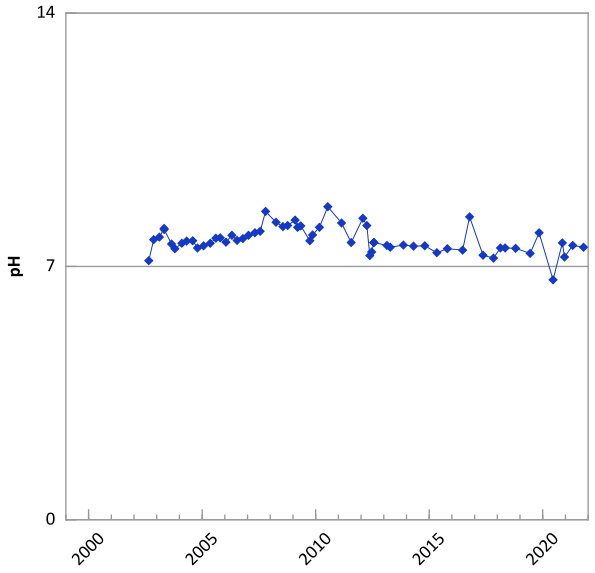
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 04/21/2003 to 10/20/2021
Analysis Date: 04/29/2022

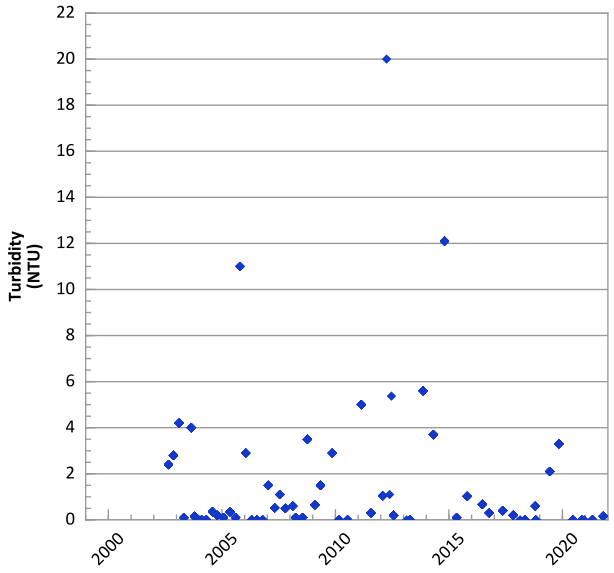
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



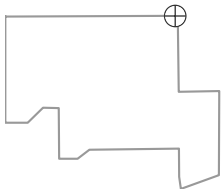






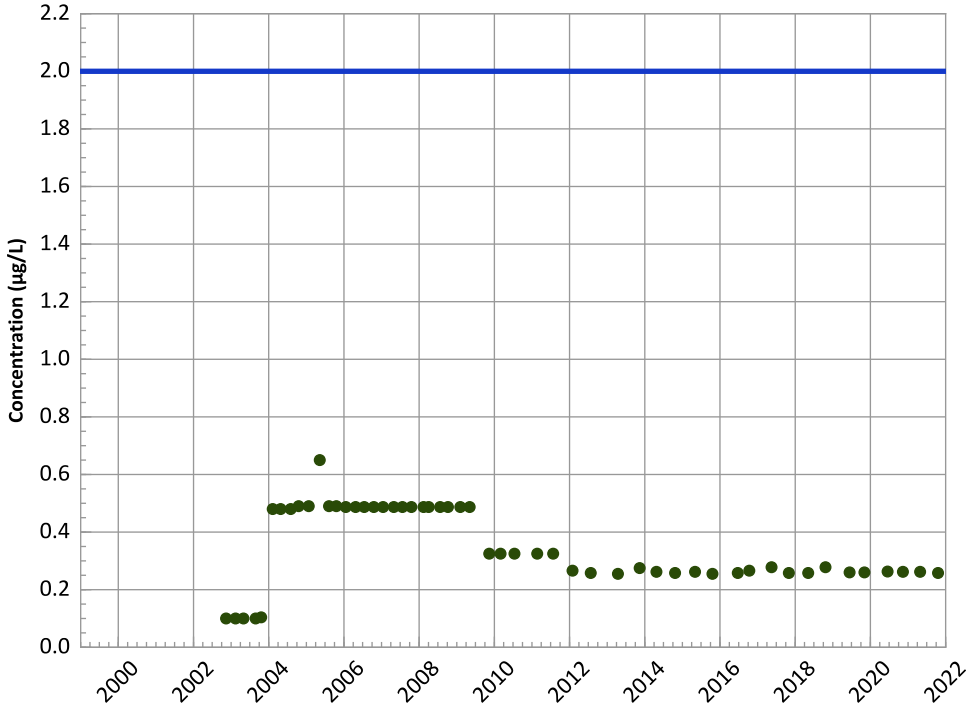
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

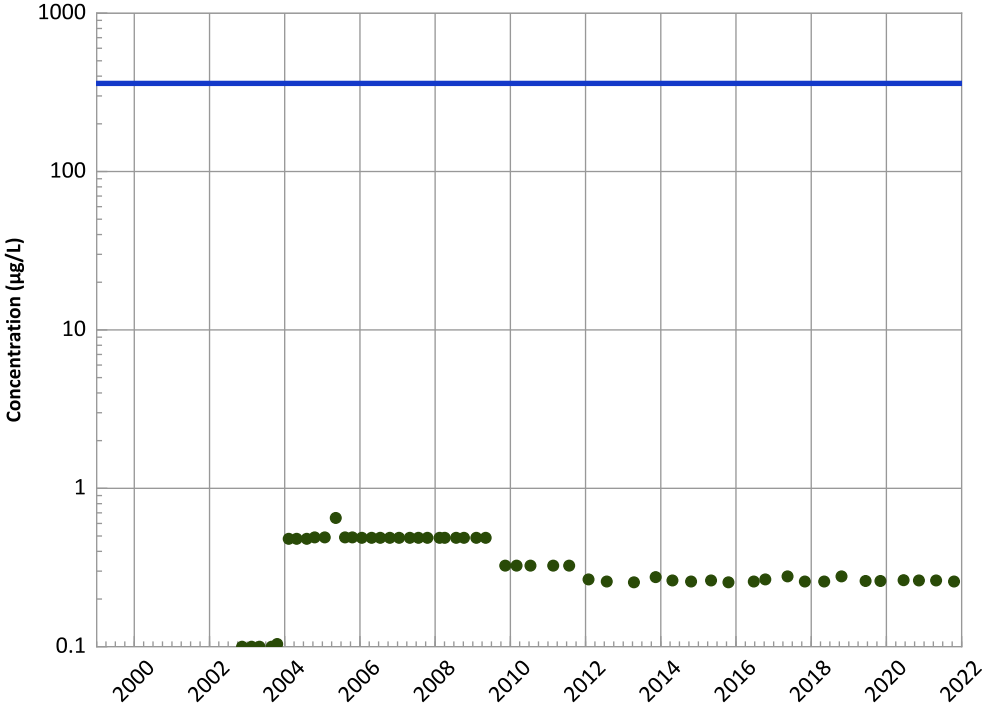


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

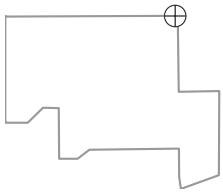
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

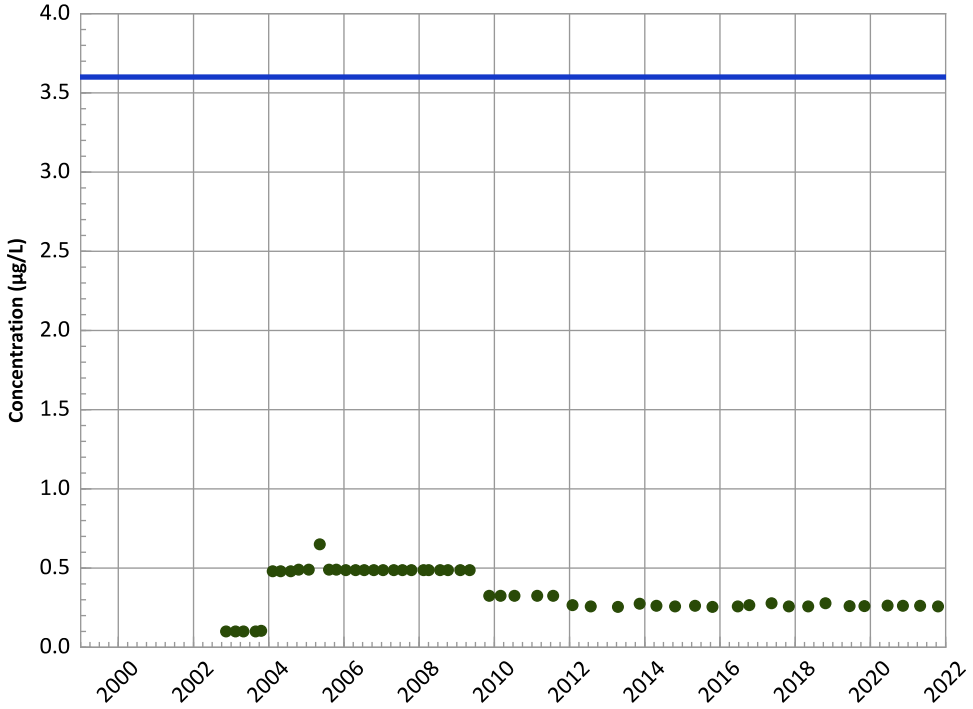
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

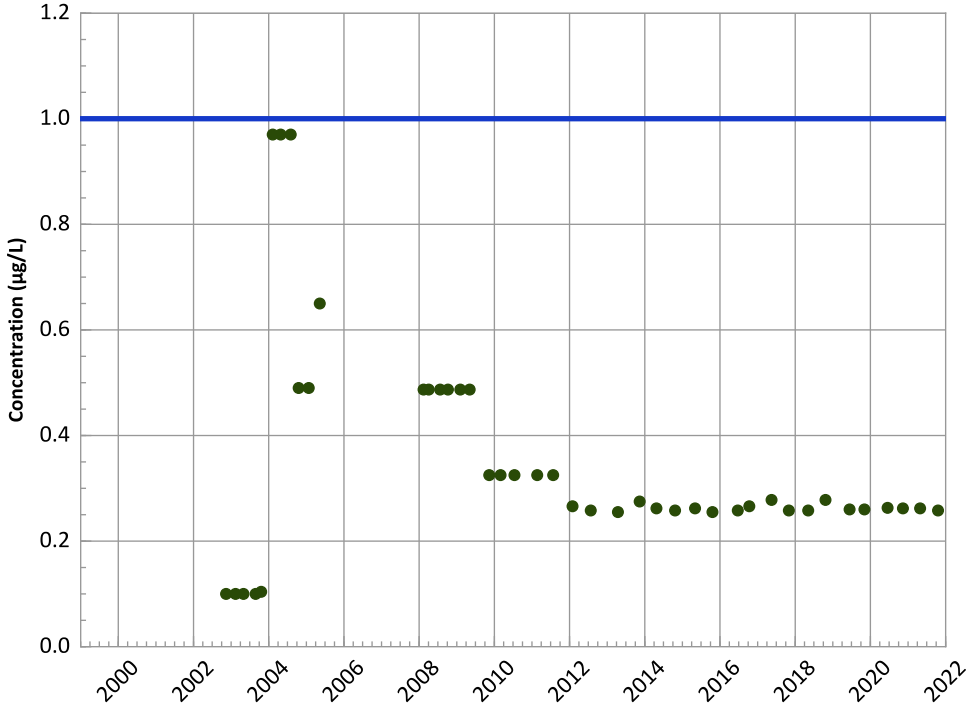


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

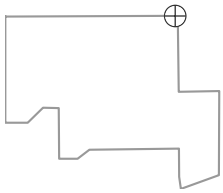
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

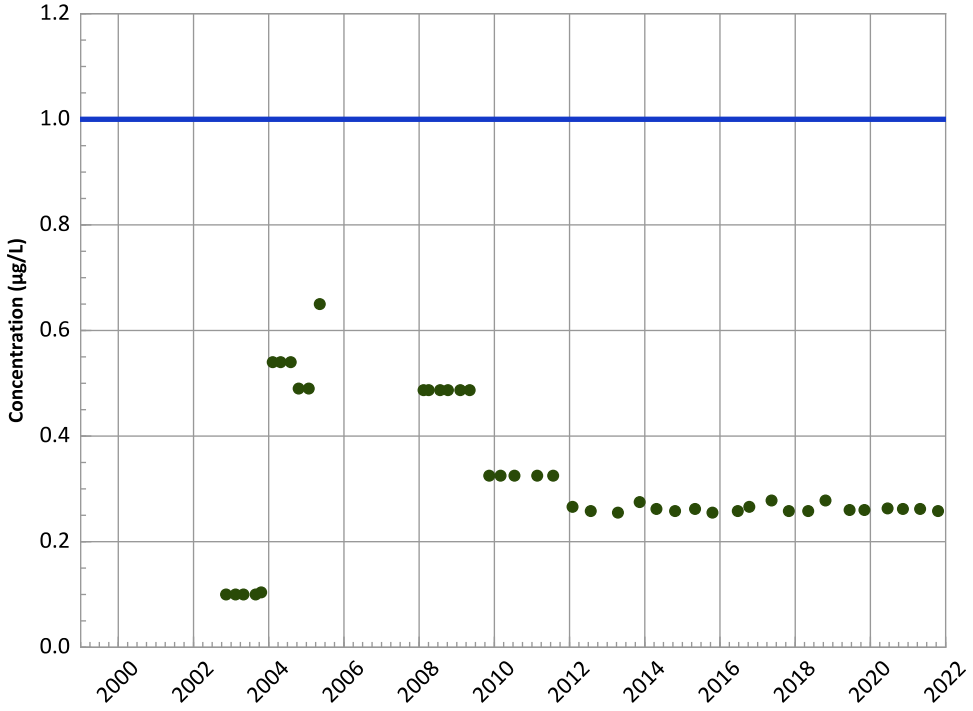
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

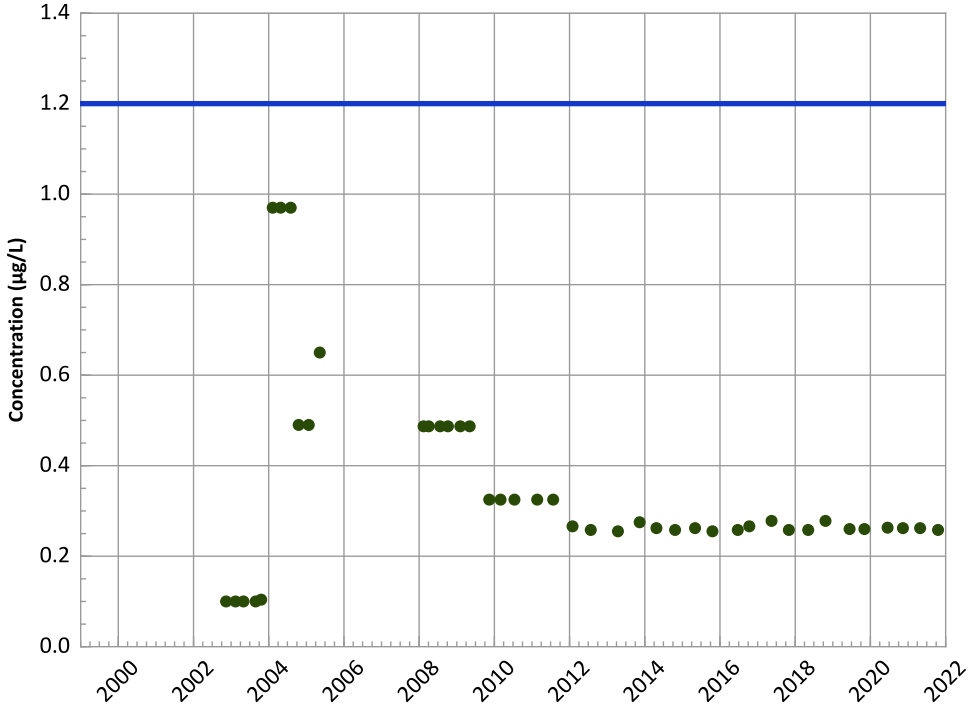


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

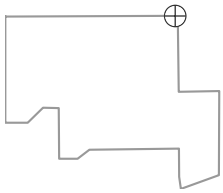


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

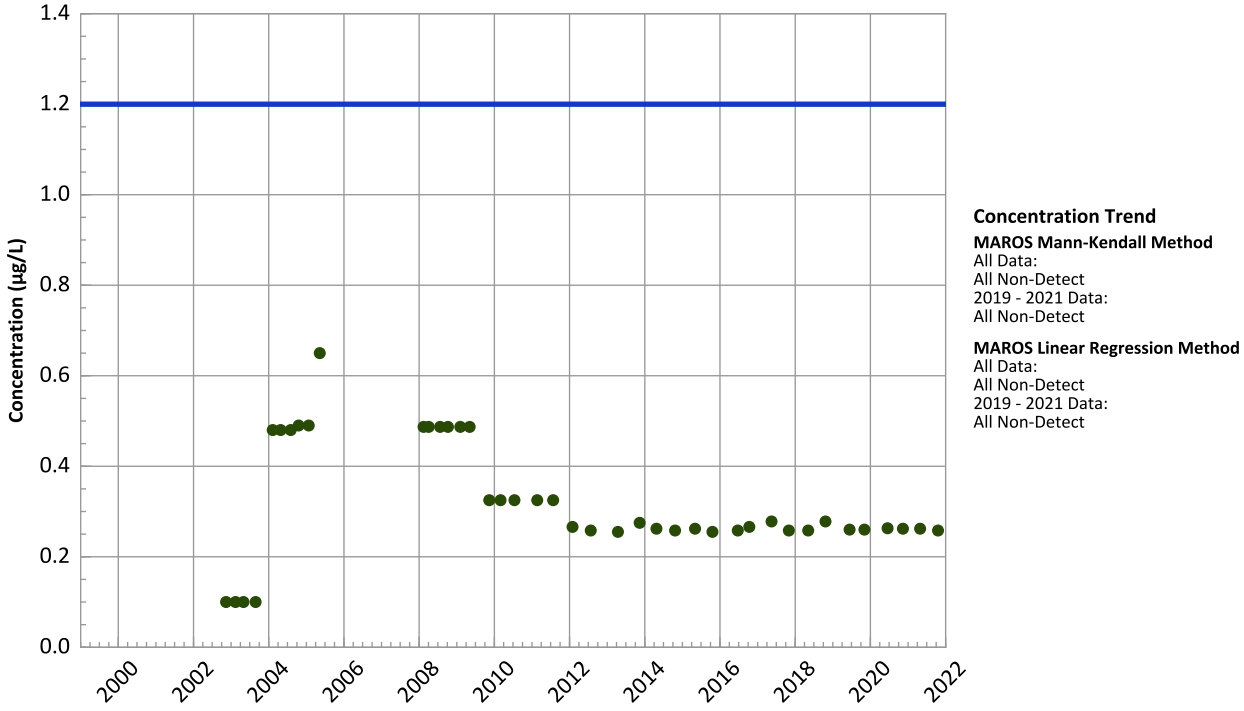


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

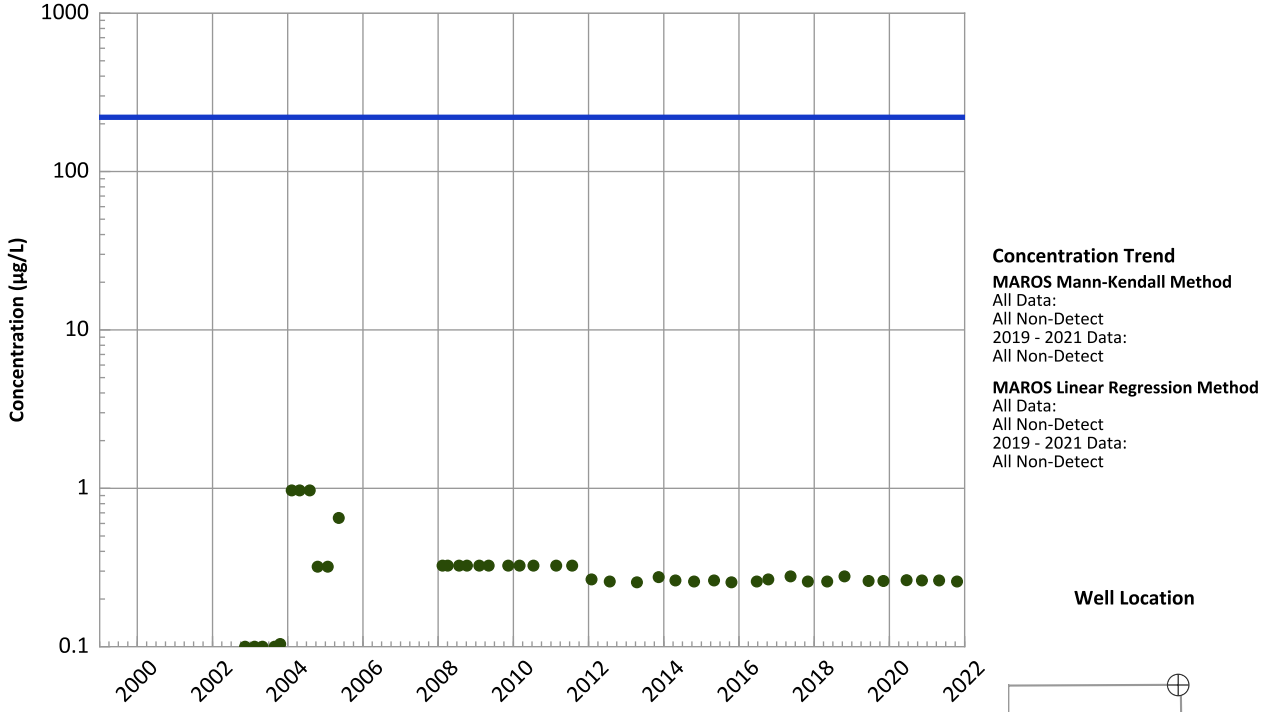
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



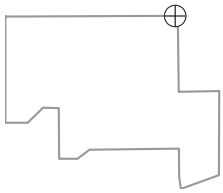
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

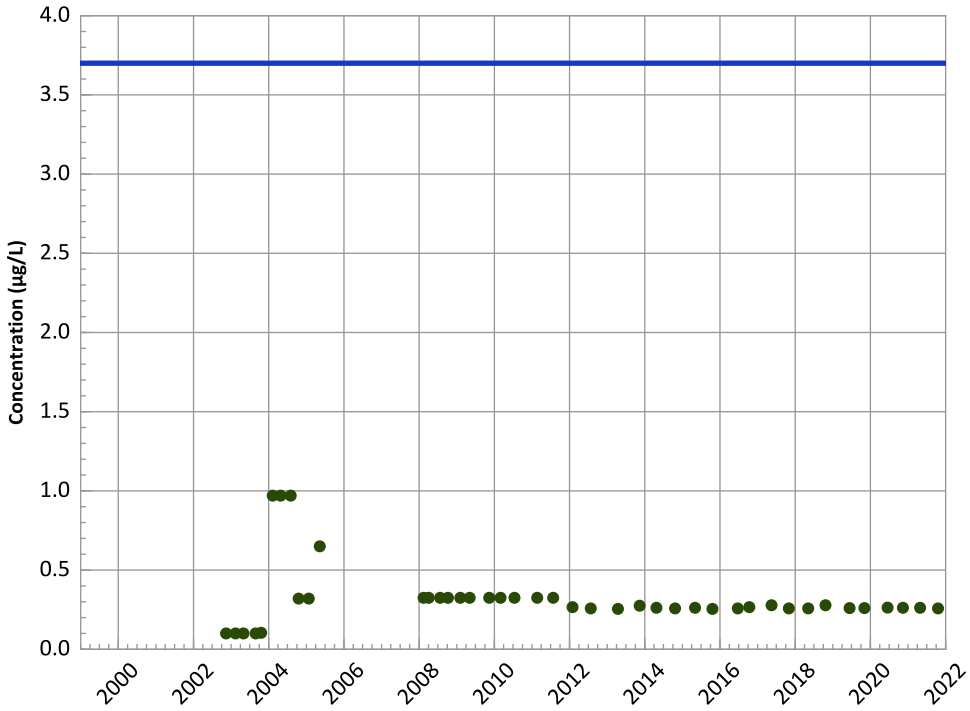
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

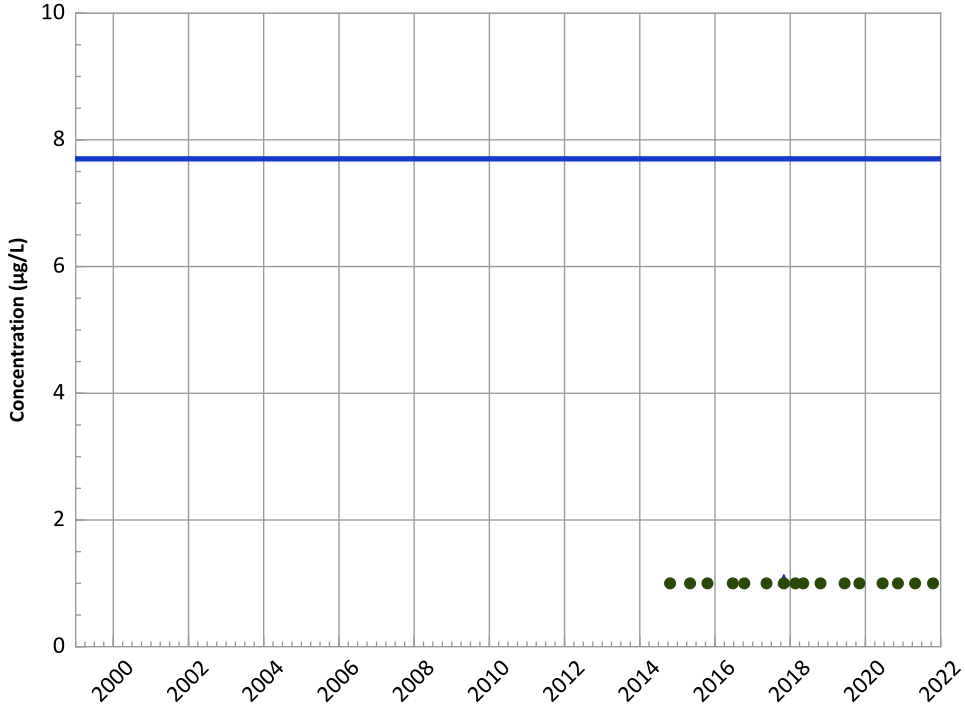


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

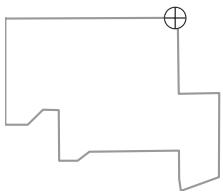
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

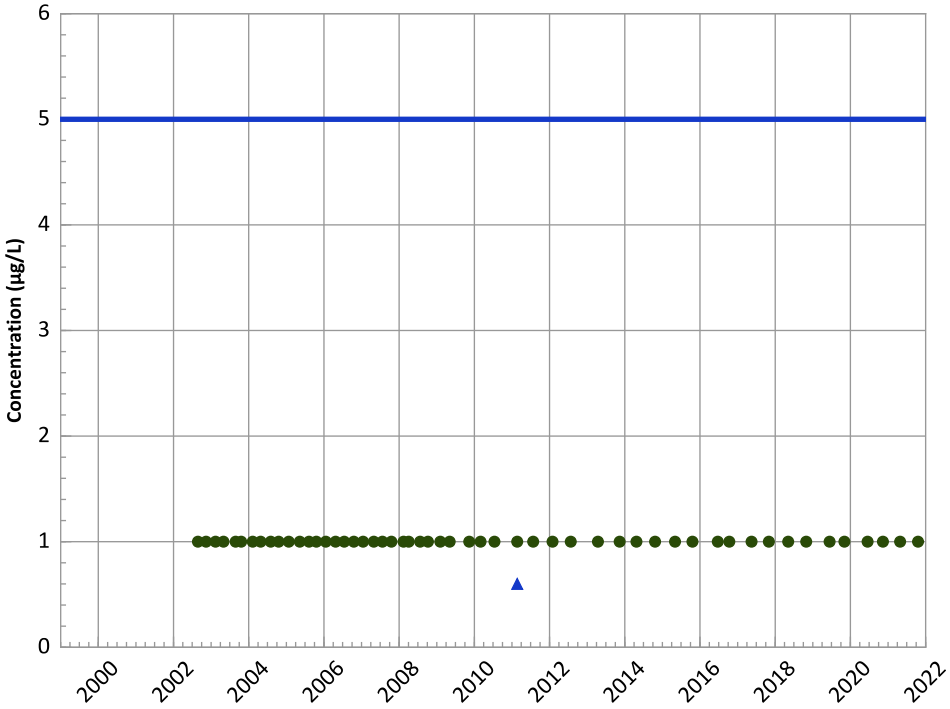
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

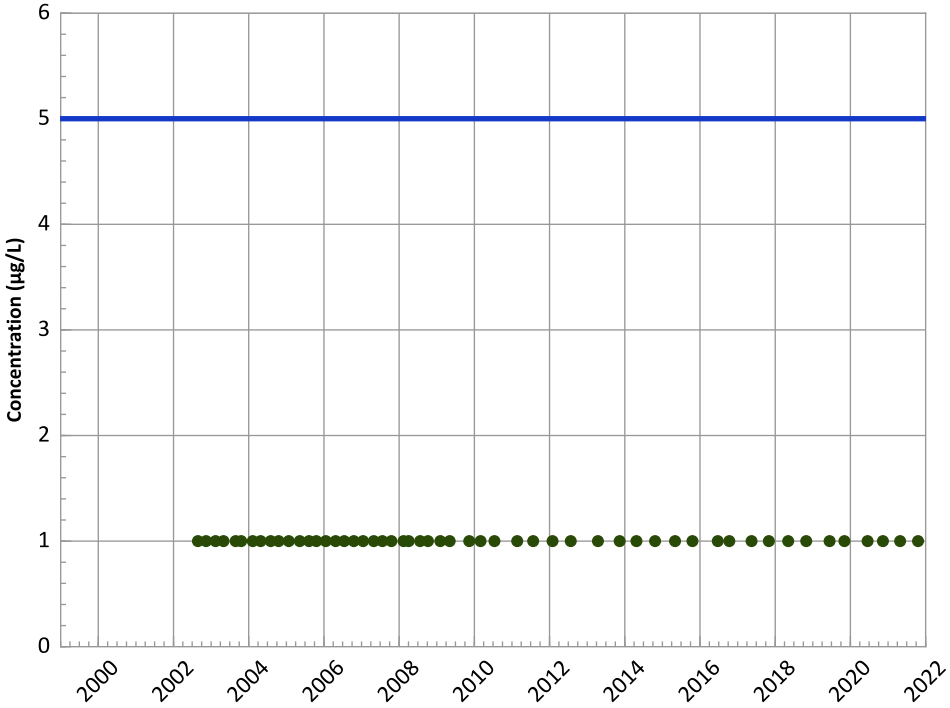


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

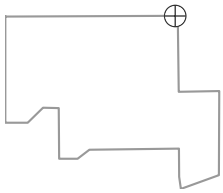


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

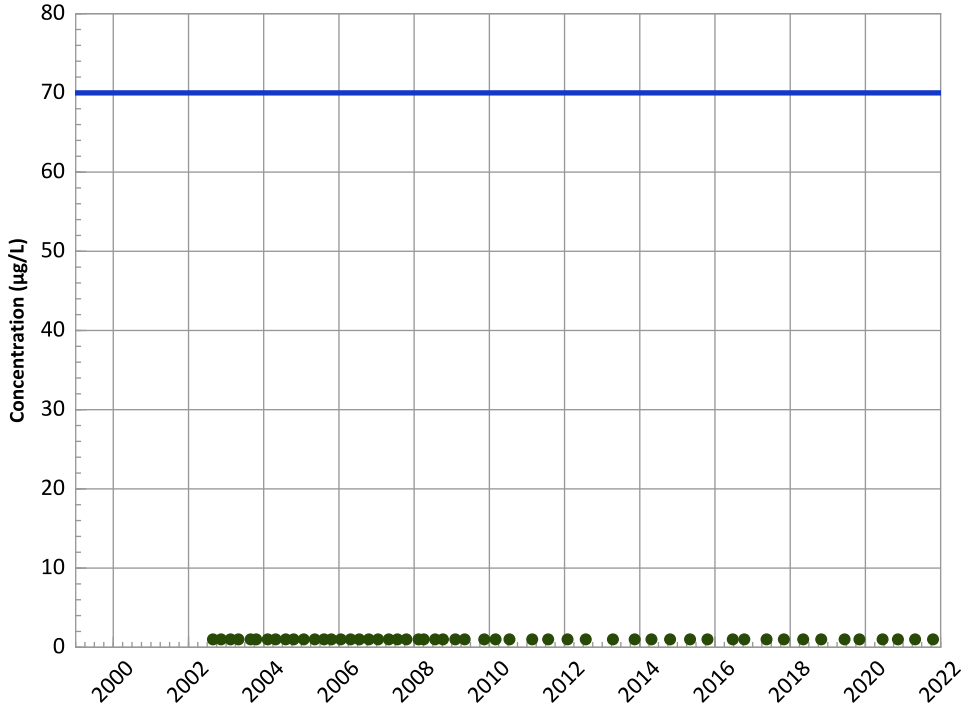


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

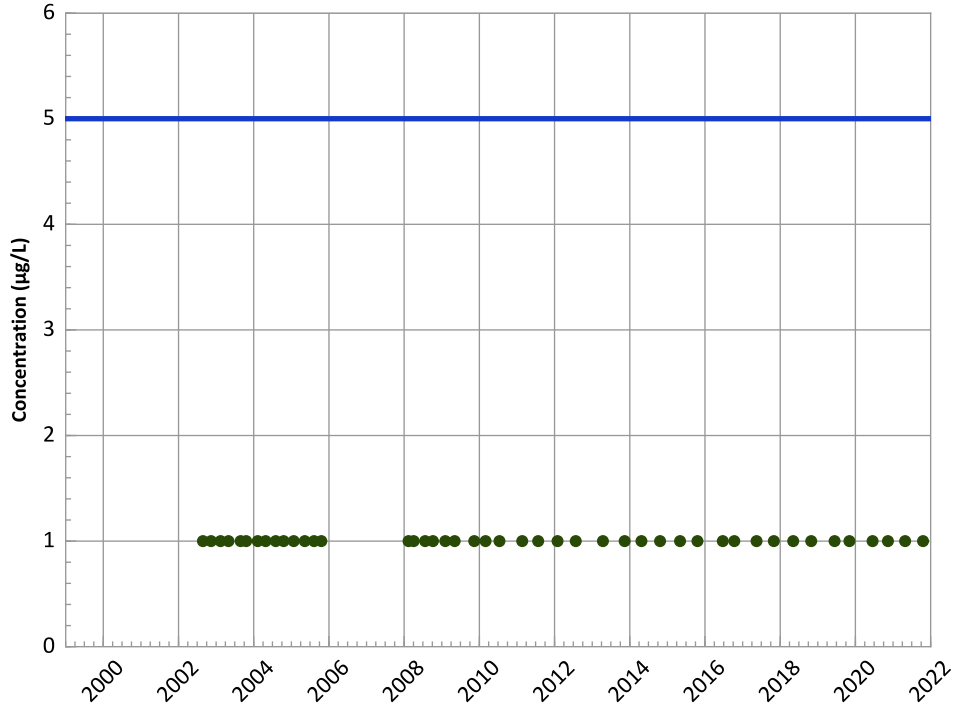


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

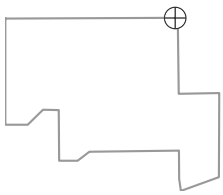


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

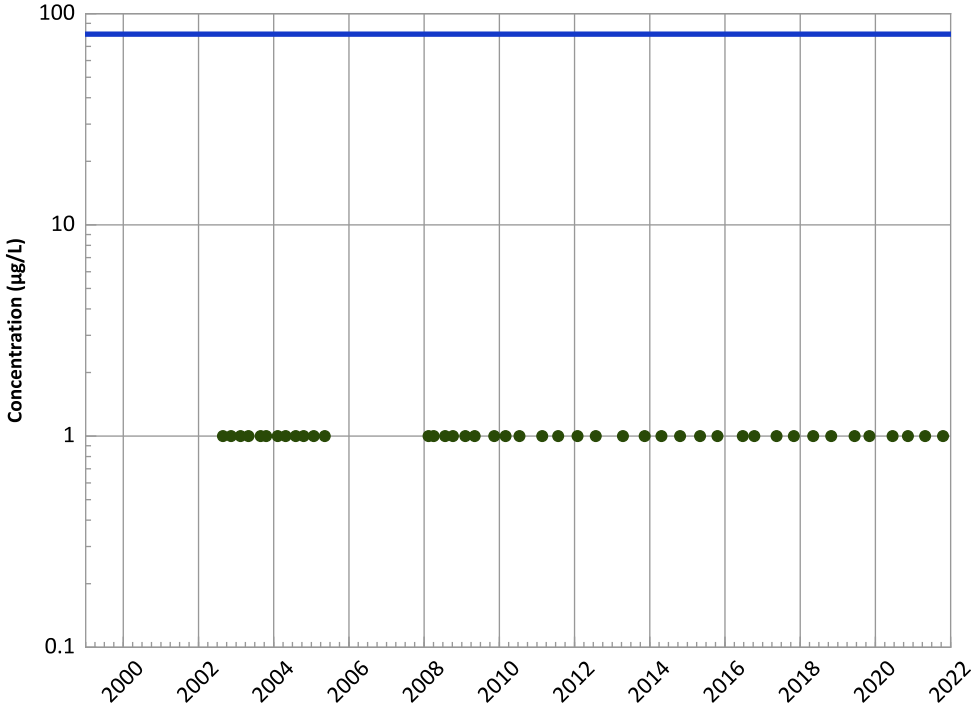


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

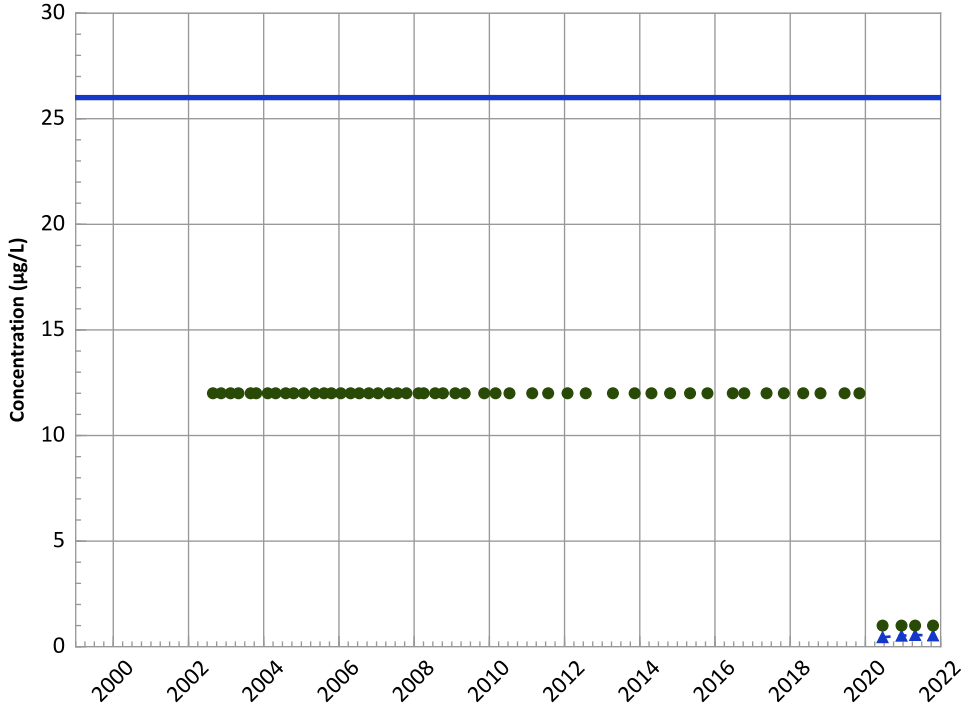


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

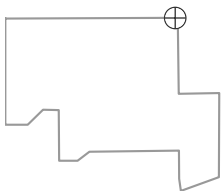
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

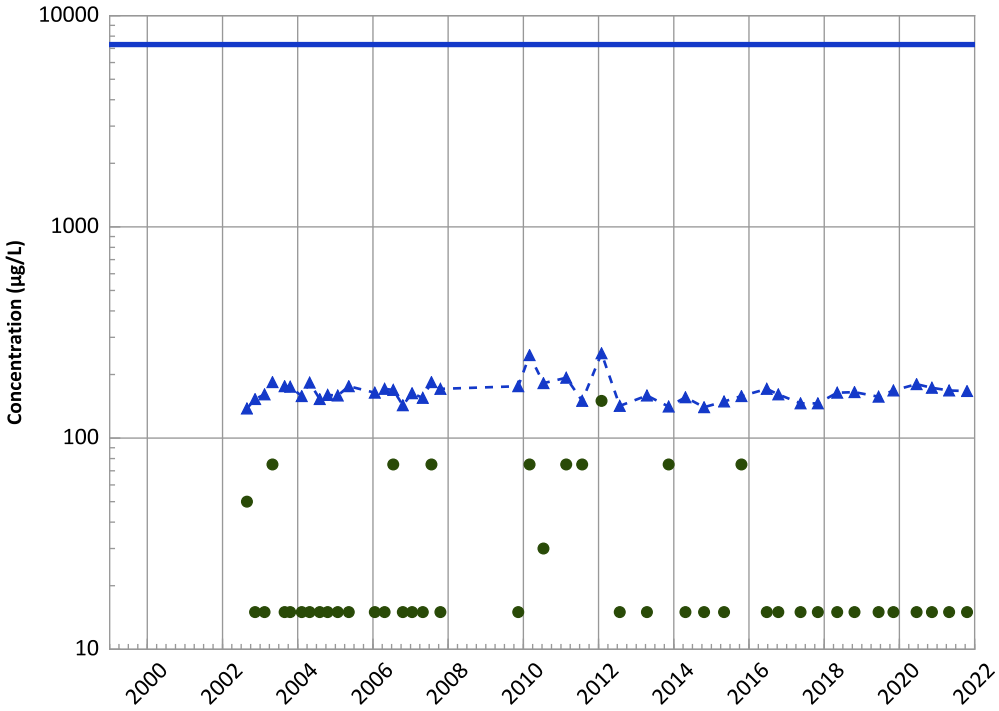
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

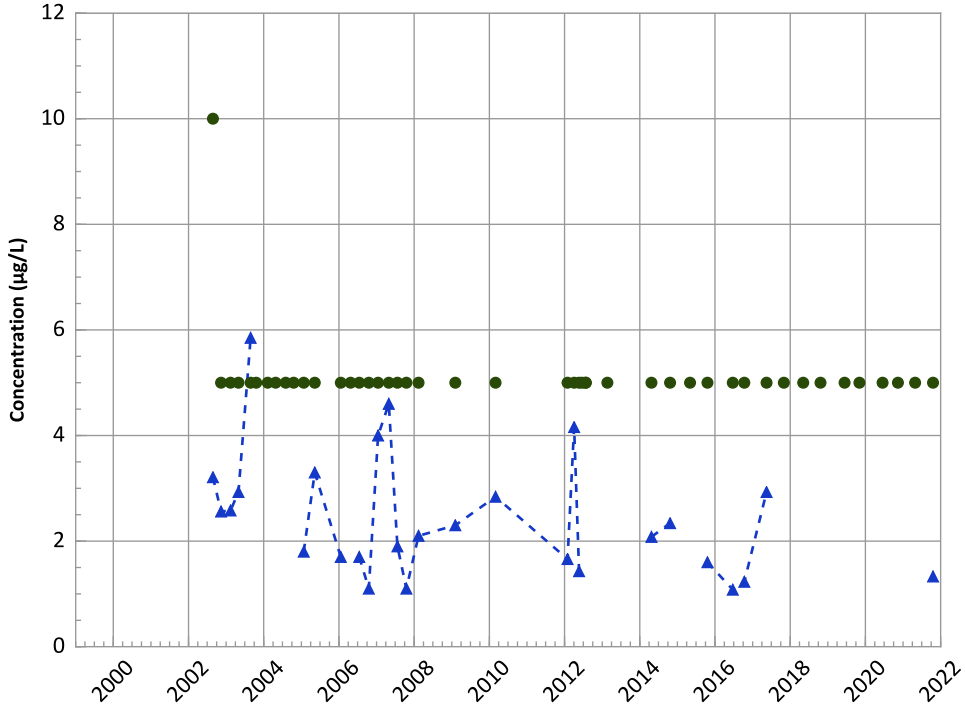


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Manganese Trend



Concentration Trend

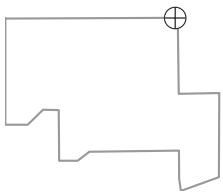
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

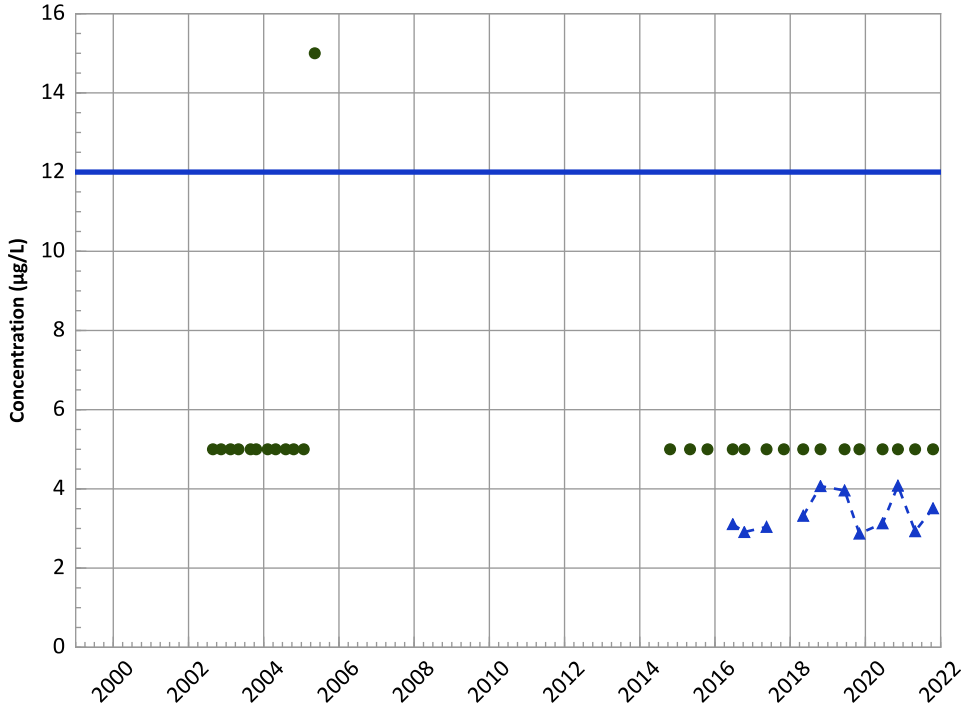
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1068 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

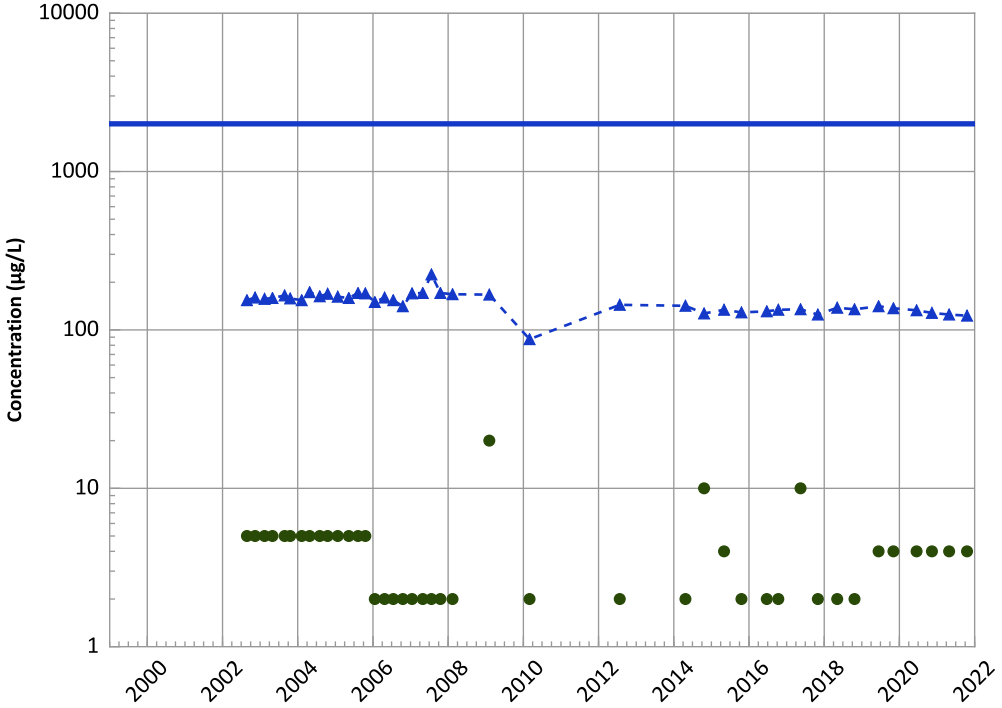


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Increasing

Barium Trend

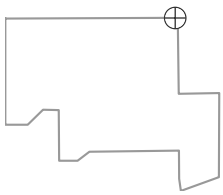


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

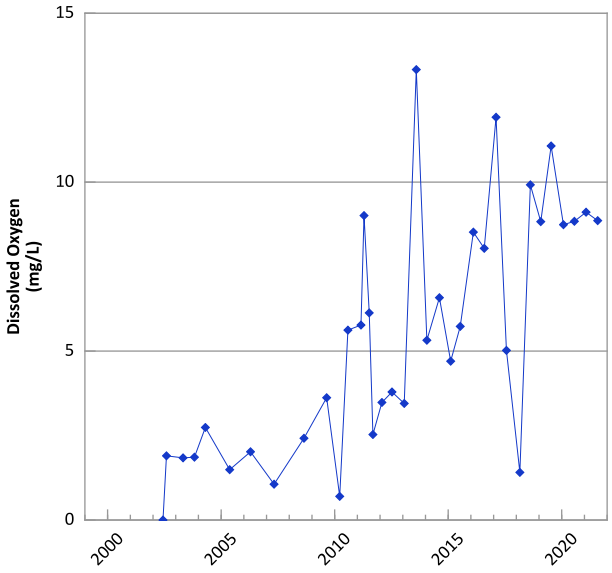
Well Location

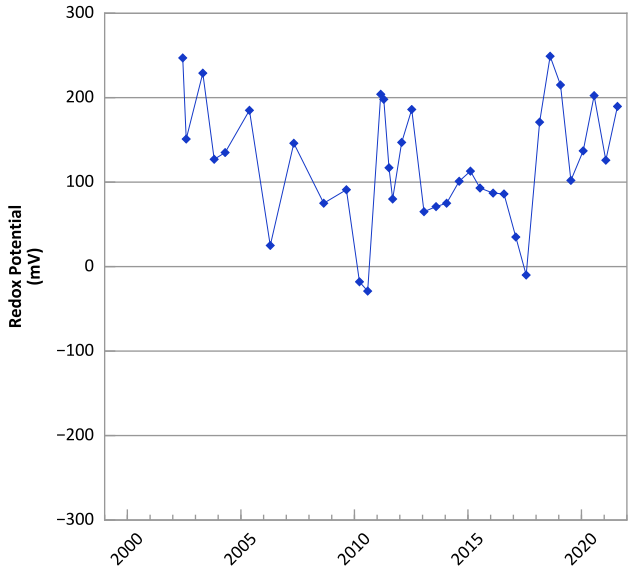


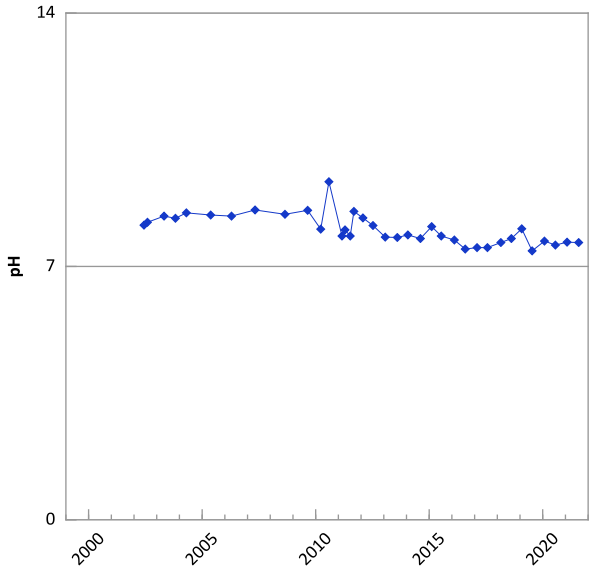
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 08/26/2002 to 10/19/2021
Analysis Date: 04/29/2022

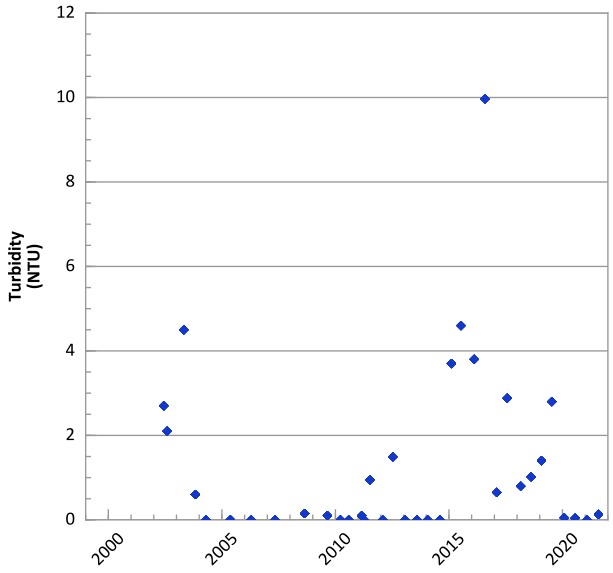
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



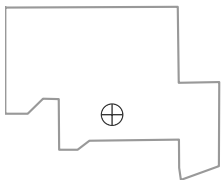






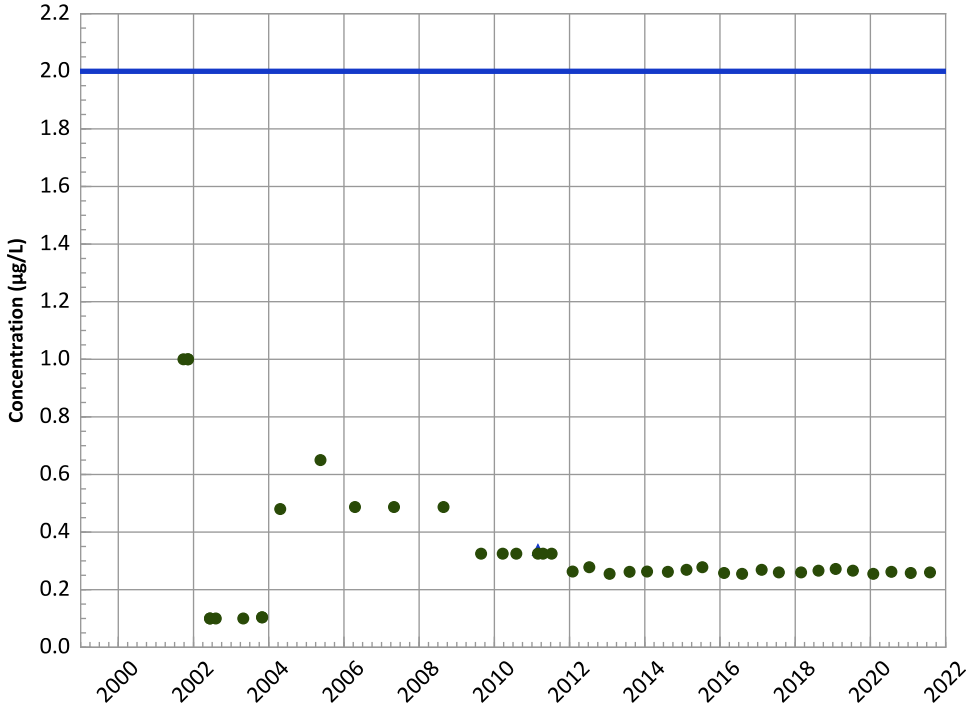
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

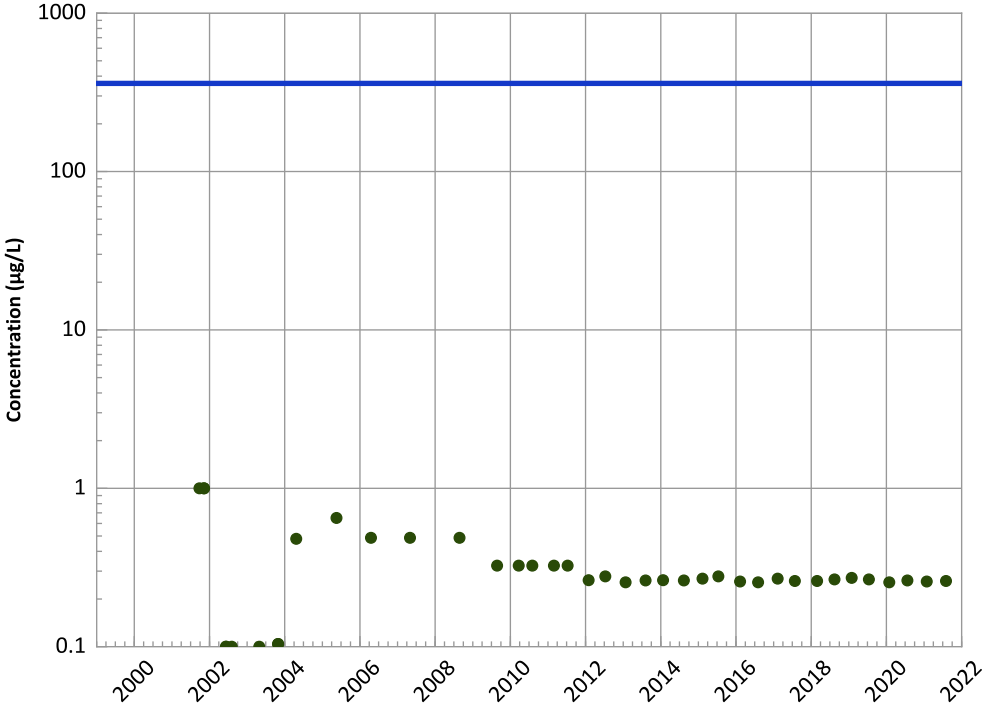


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

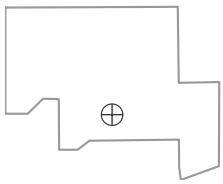
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

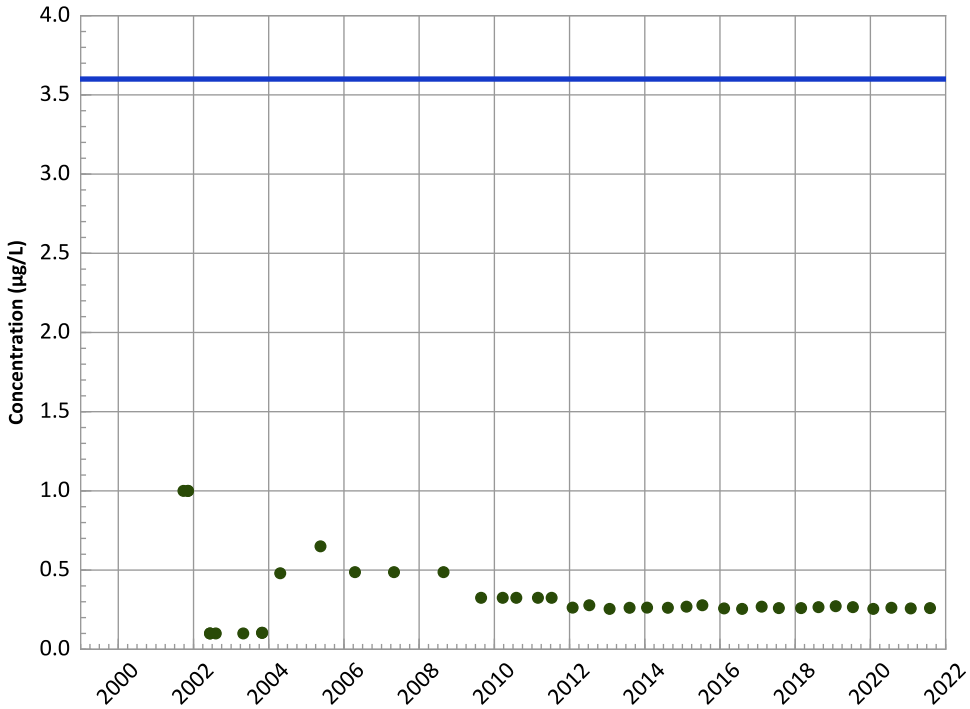
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

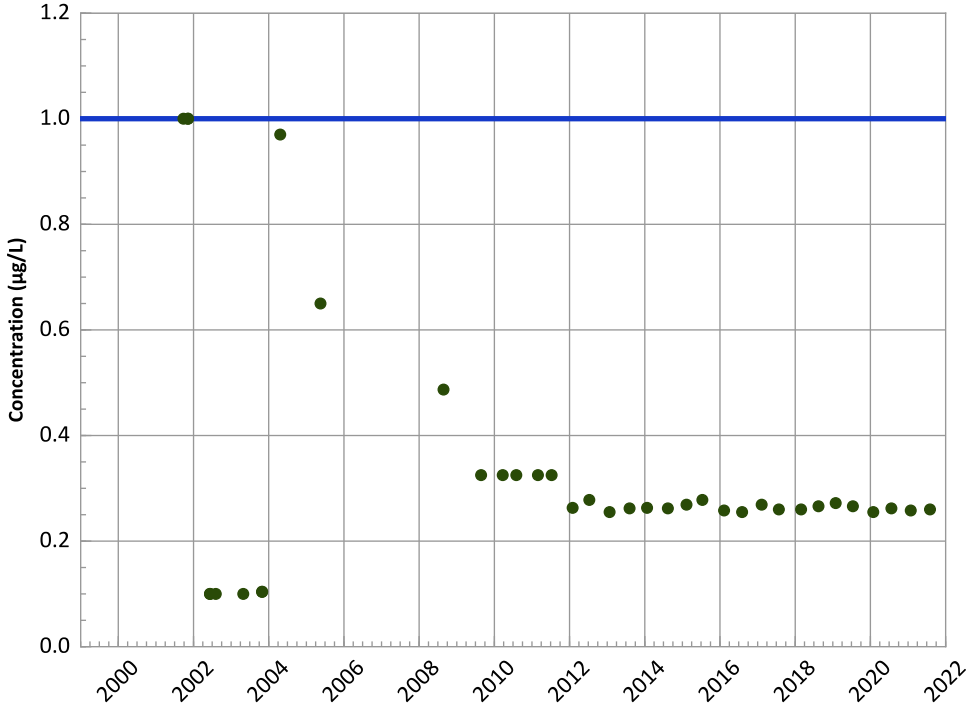


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

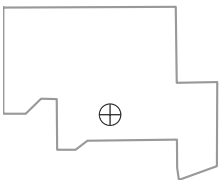
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

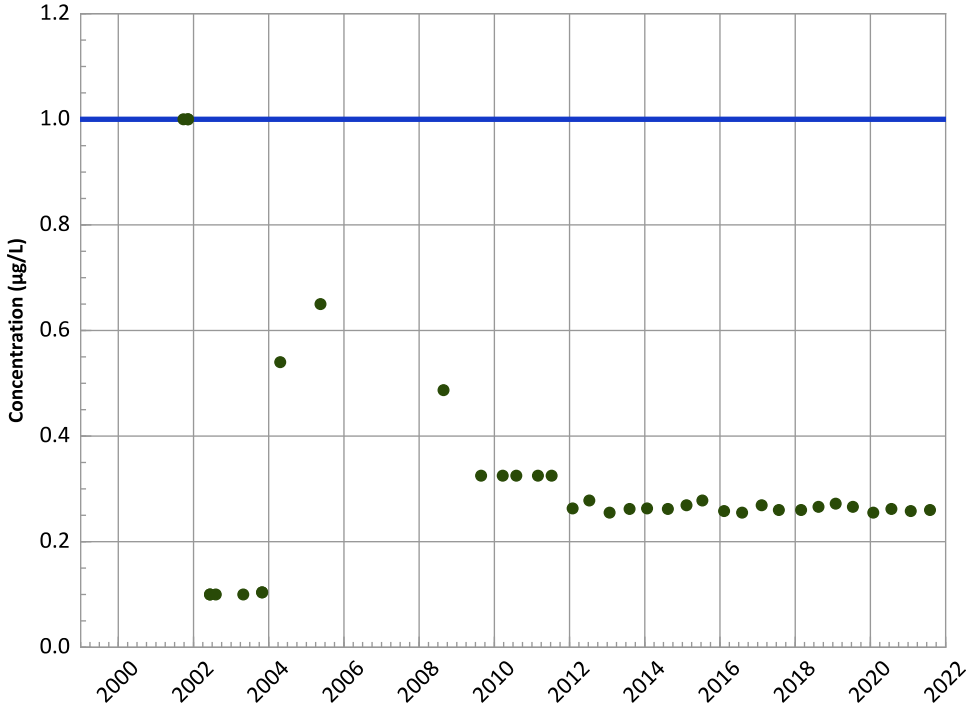
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

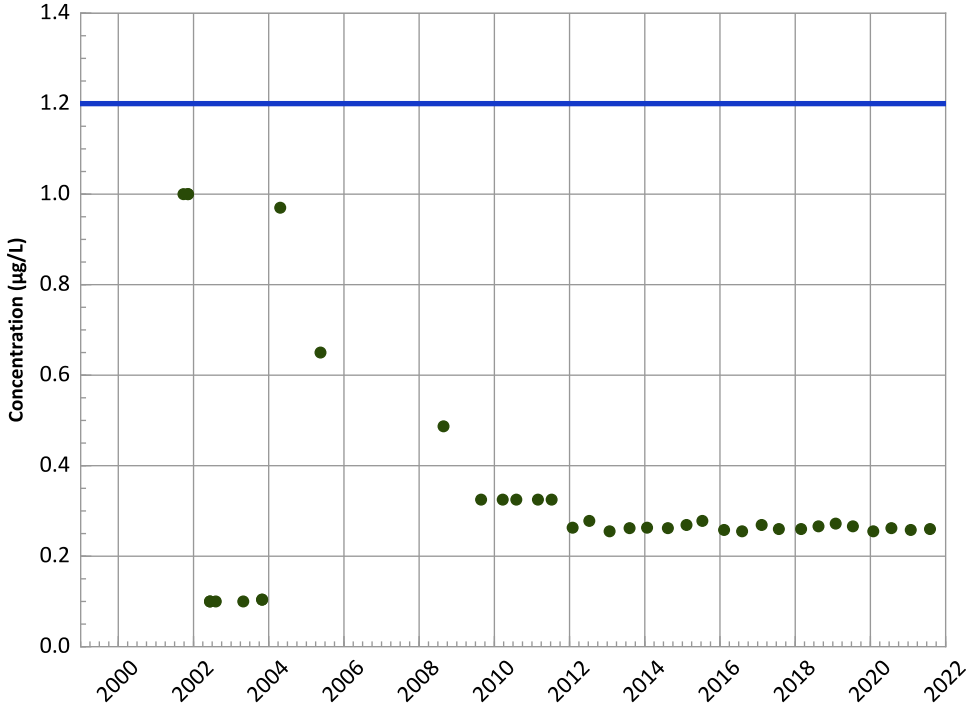


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

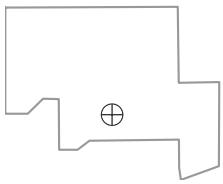


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

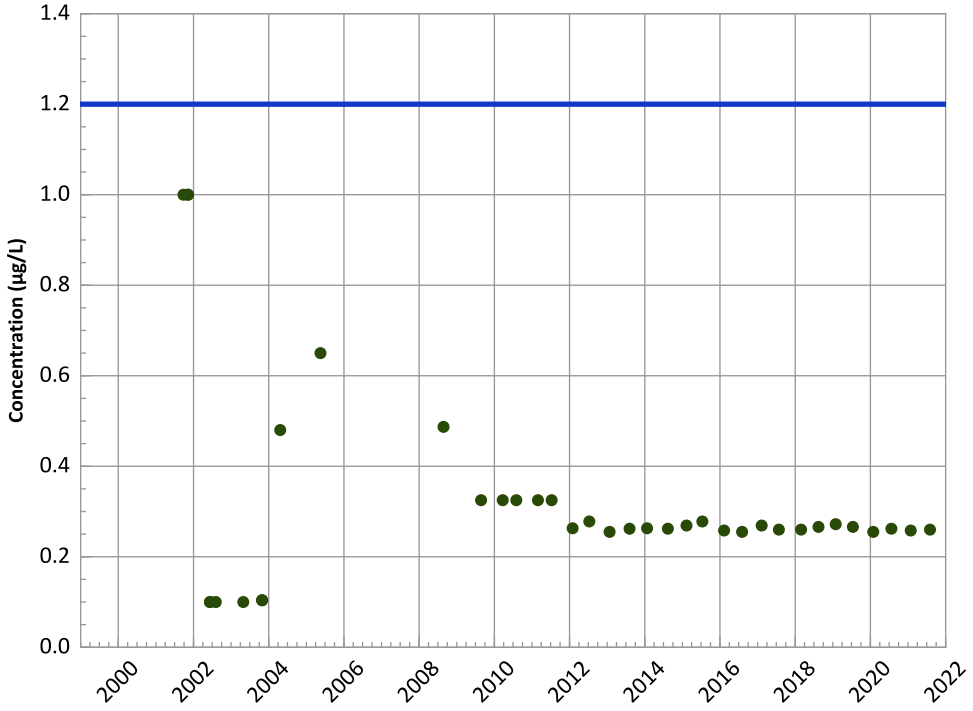


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

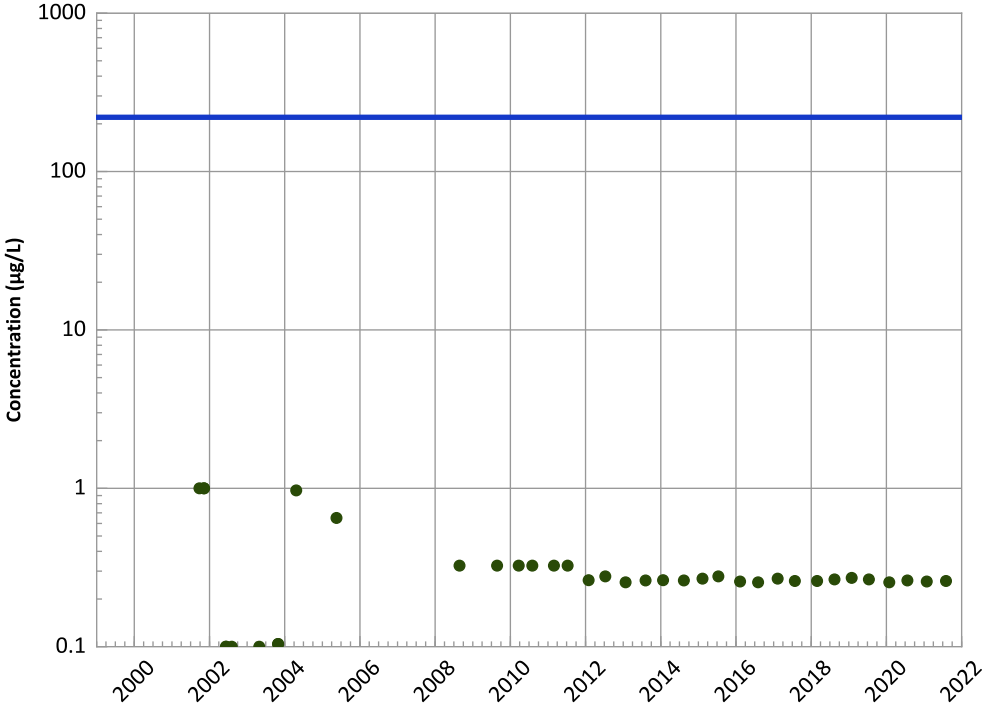


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

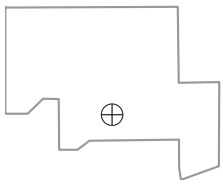
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

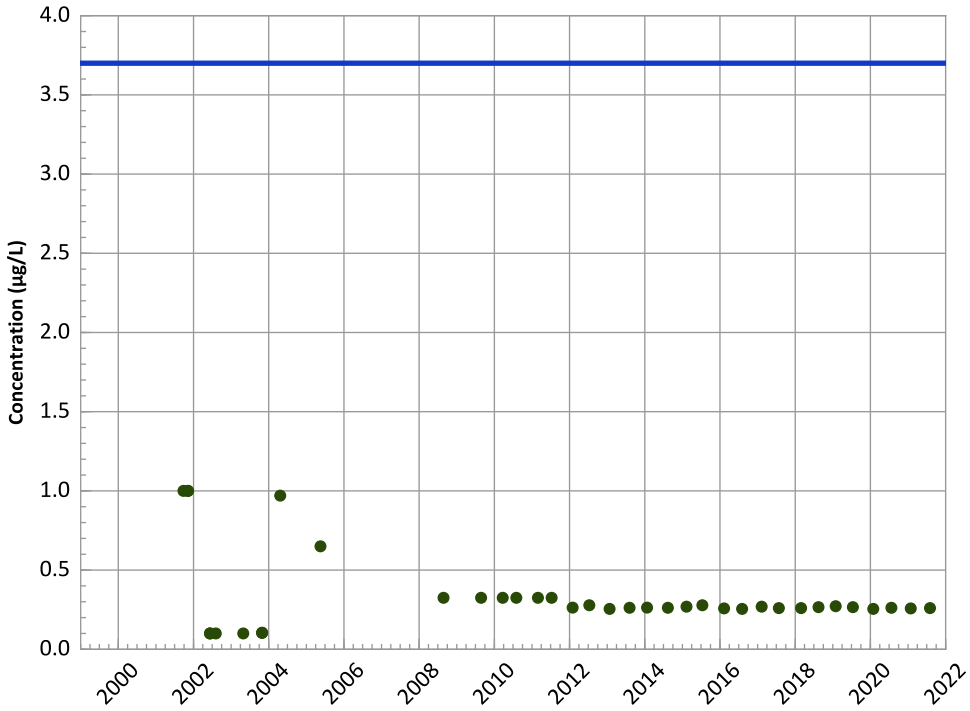
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

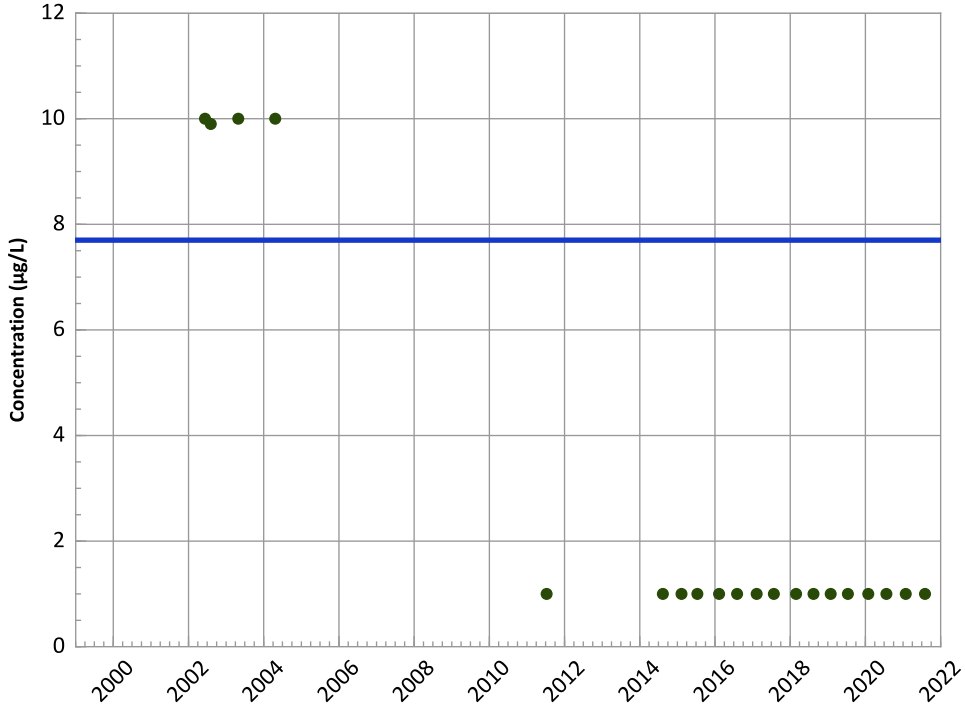


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

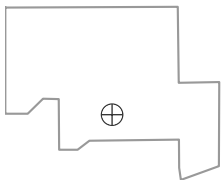
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

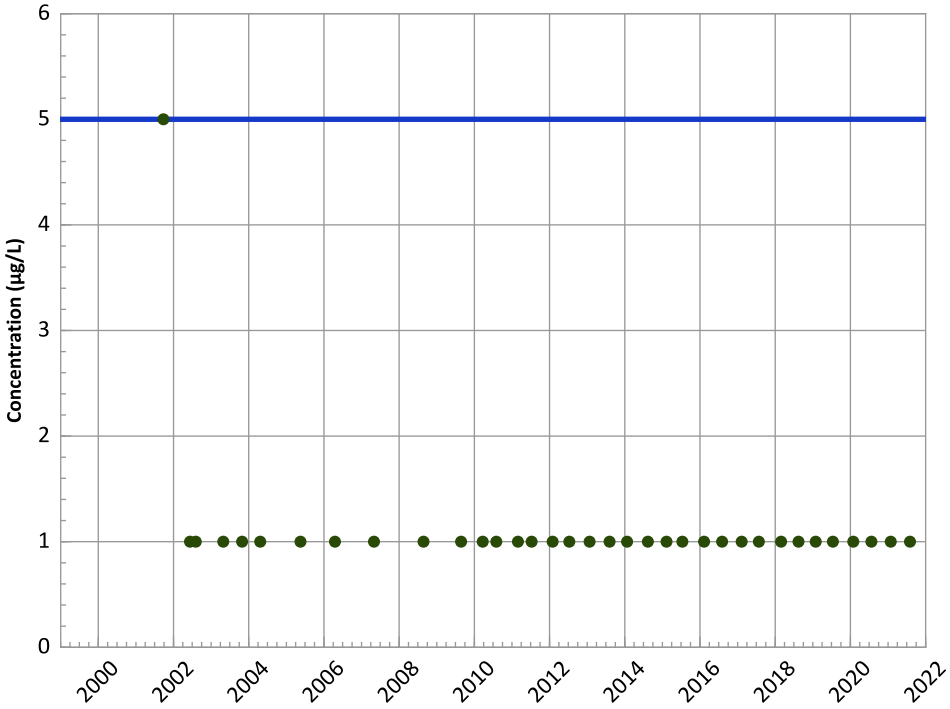
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

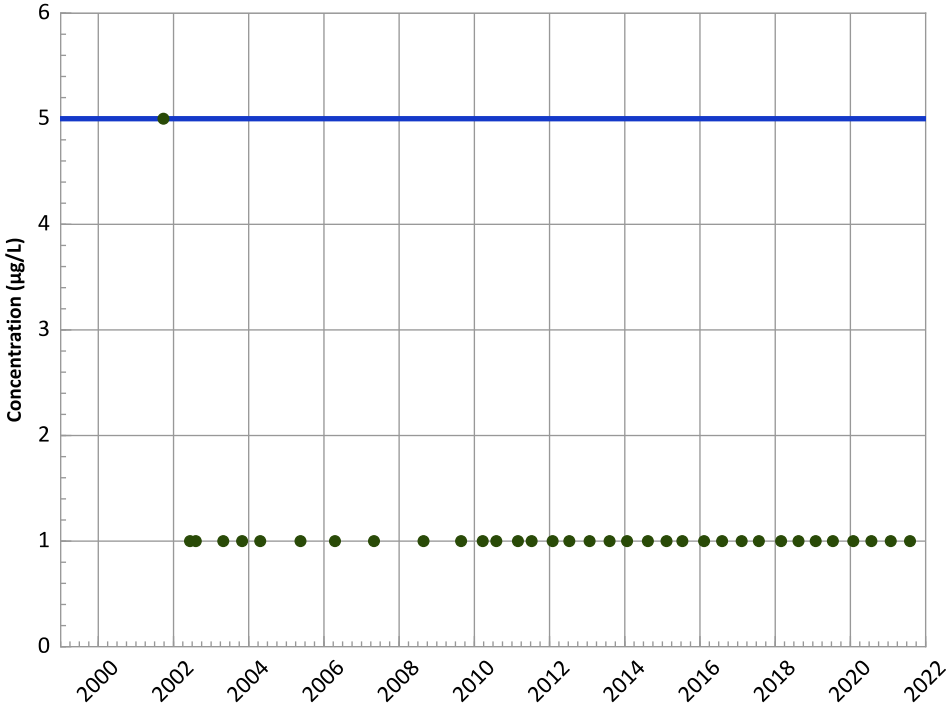


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

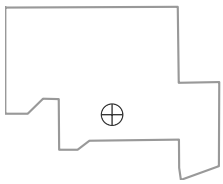


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

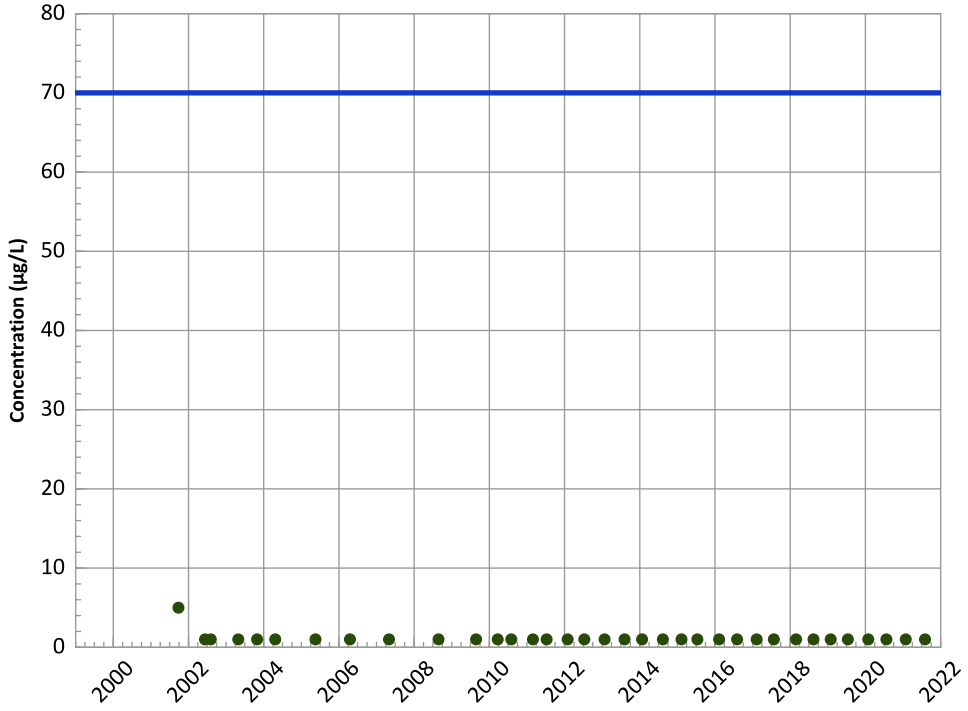


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

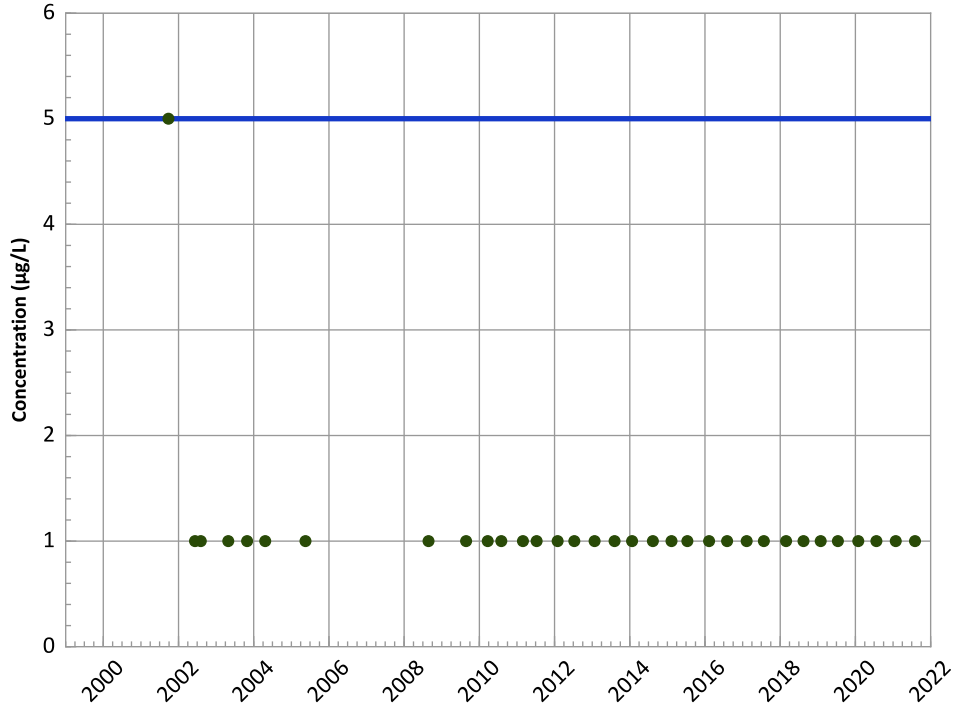


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

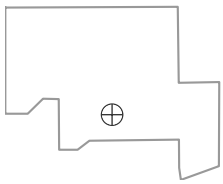


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

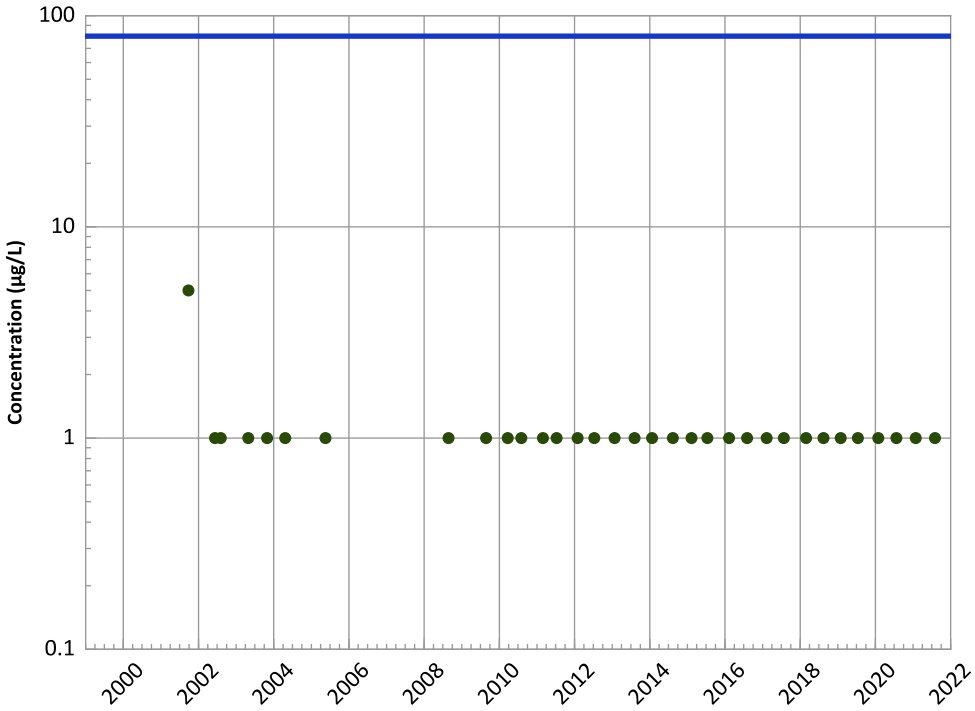


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

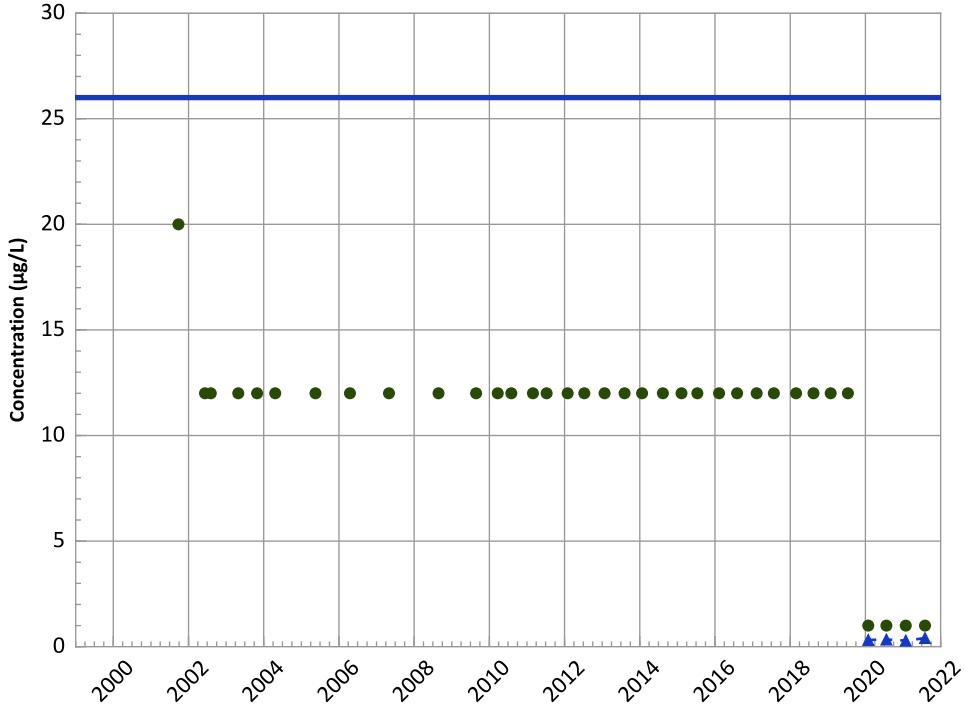


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend

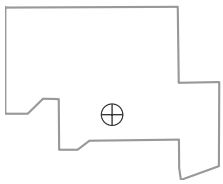


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Well Location

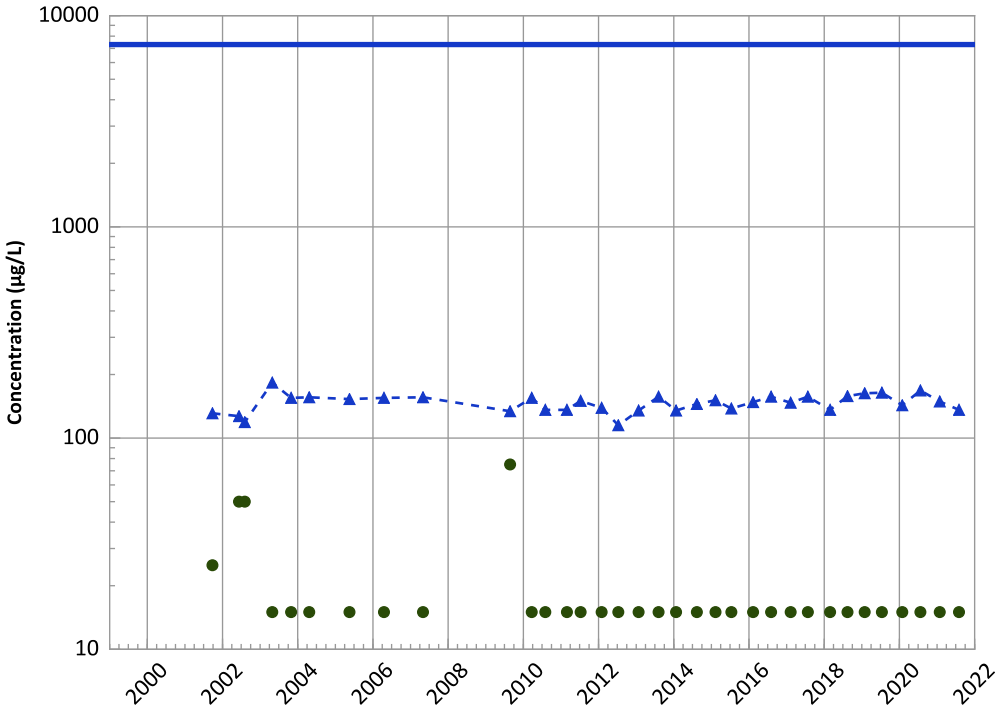


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

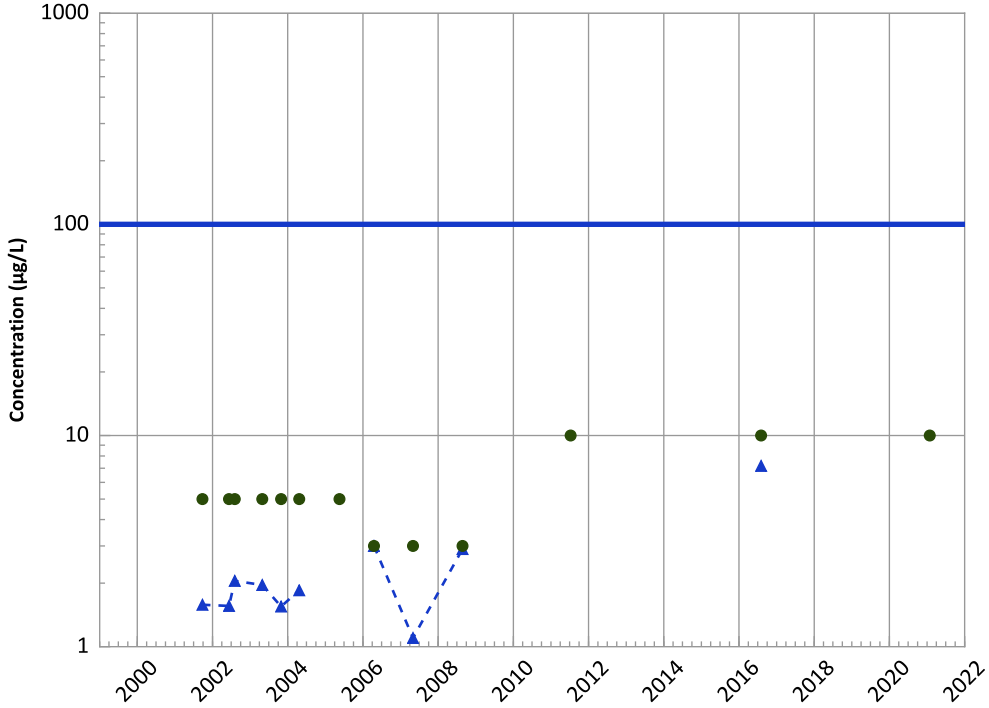


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Chromium, Total Trend



Concentration Trend

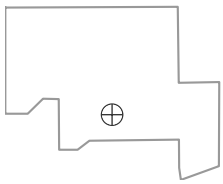
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

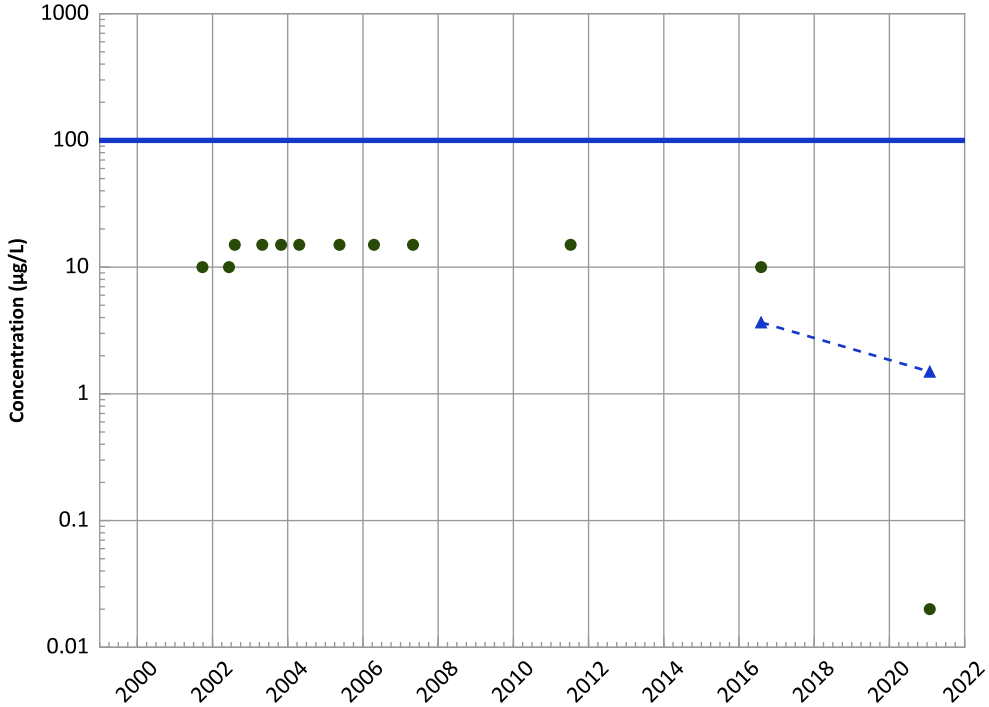
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

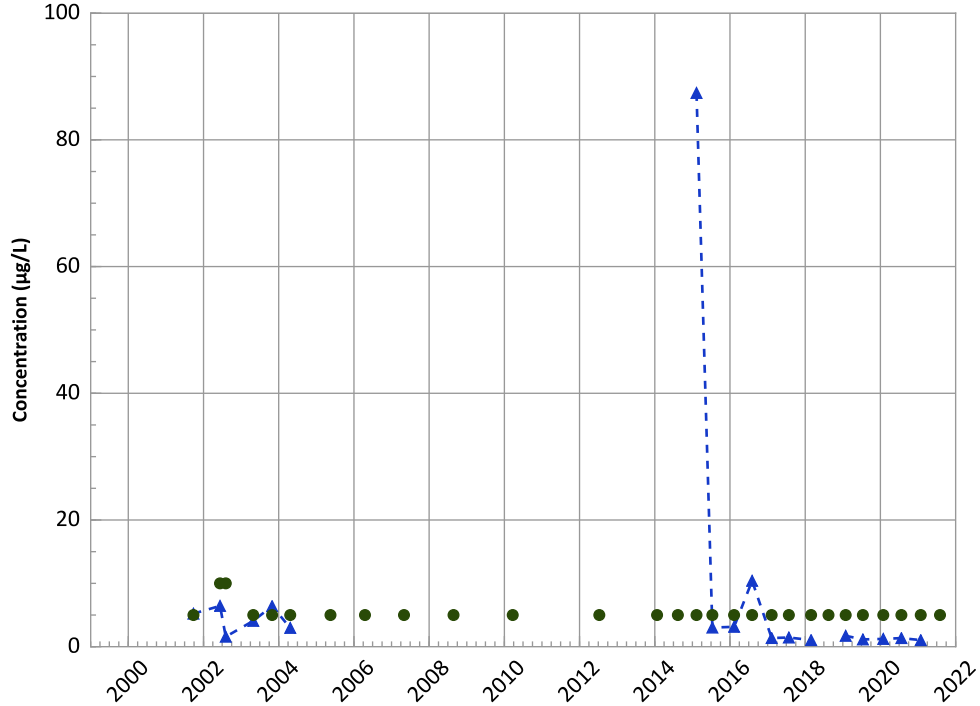


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

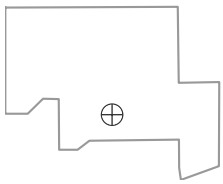
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

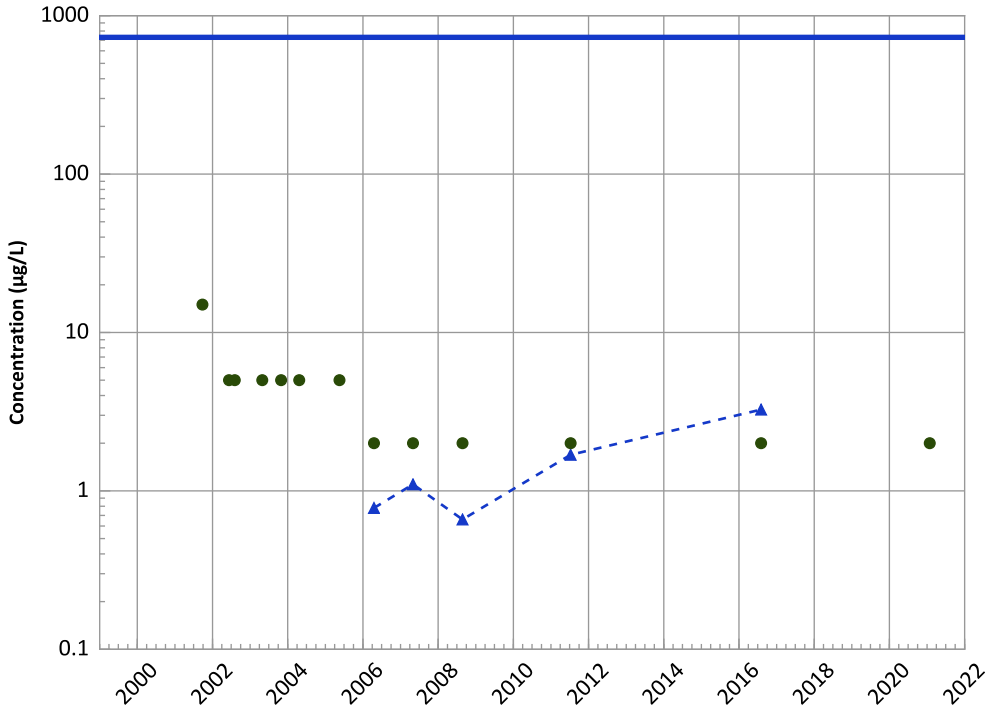
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

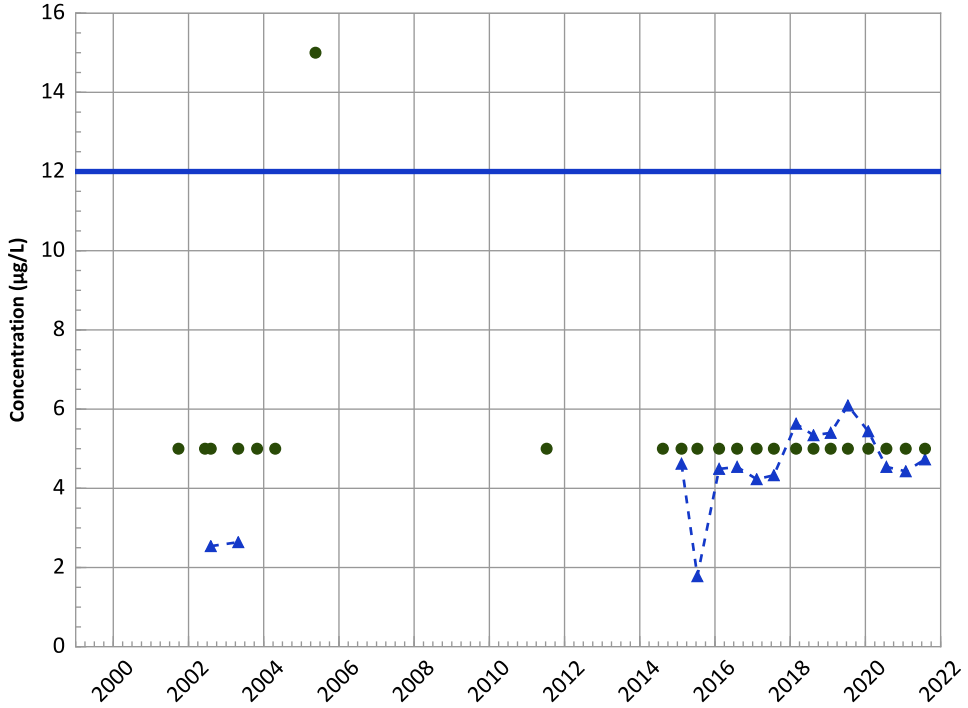


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Probably Increasing

Arsenic Trend



Concentration Trend

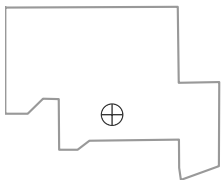
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

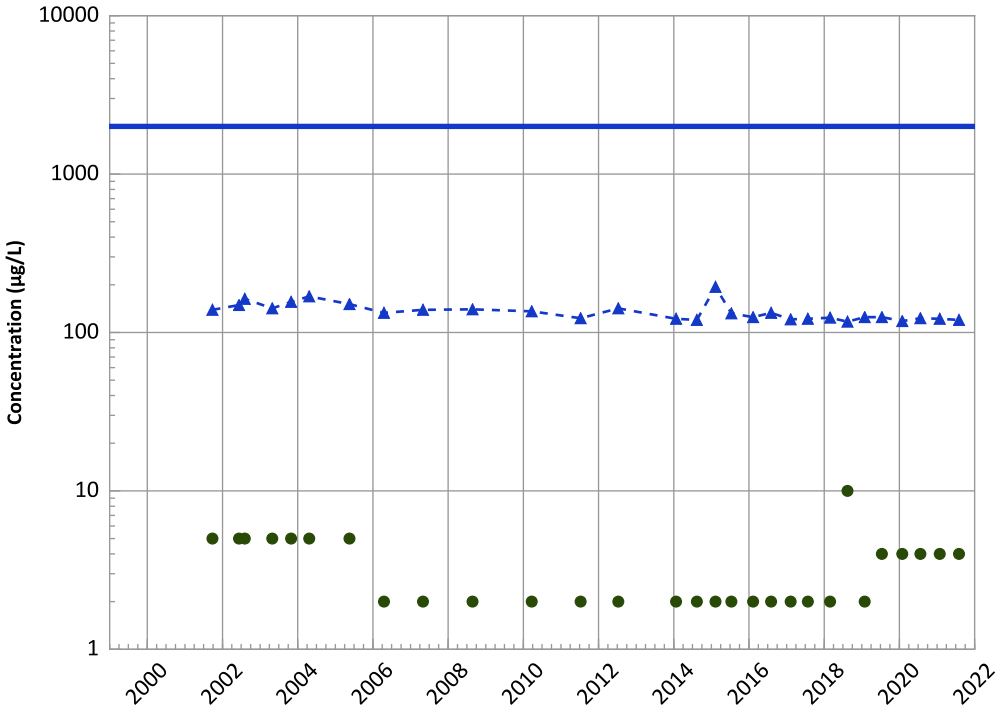
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1072 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

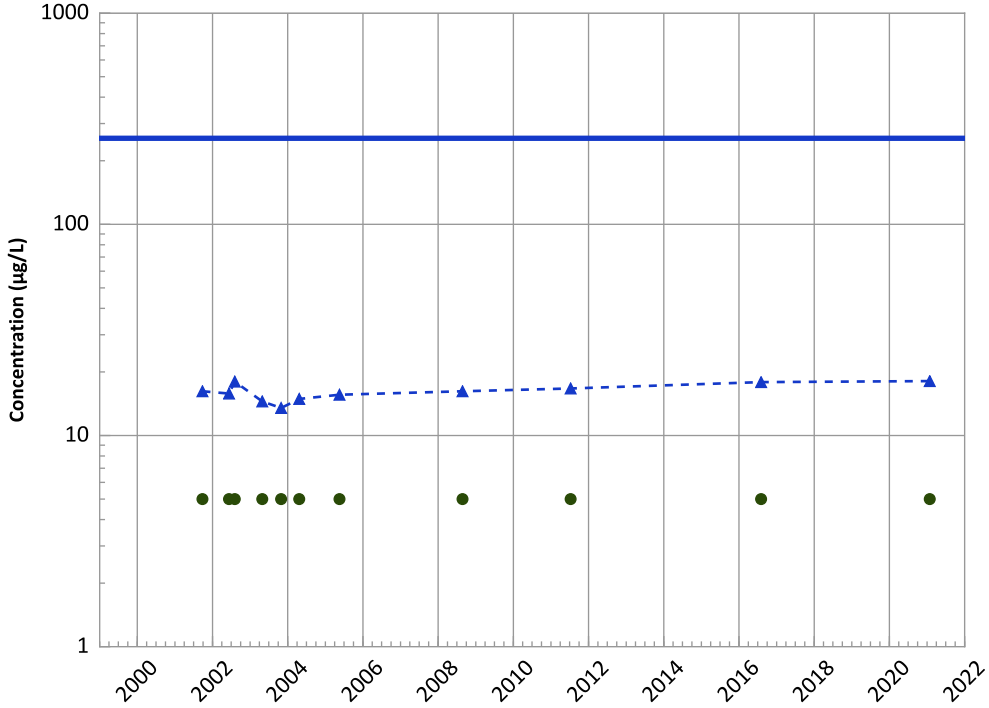


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Vanadium Trend



Concentration Trend

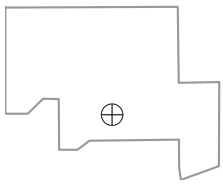
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

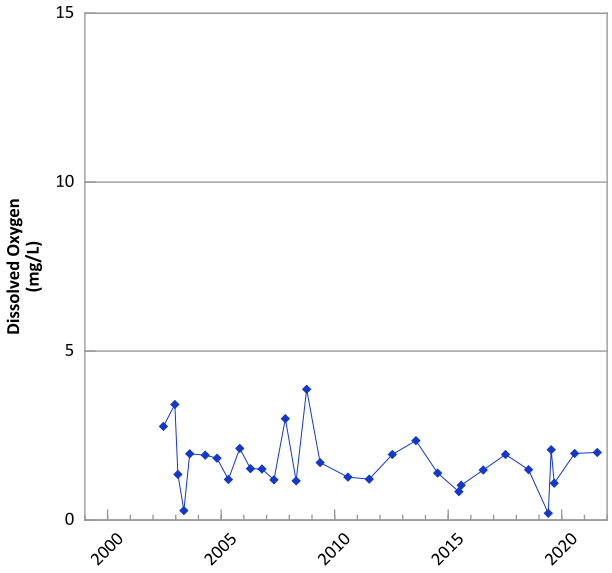
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/25/2001 to 08/02/2021
Analysis Date: 04/29/2022

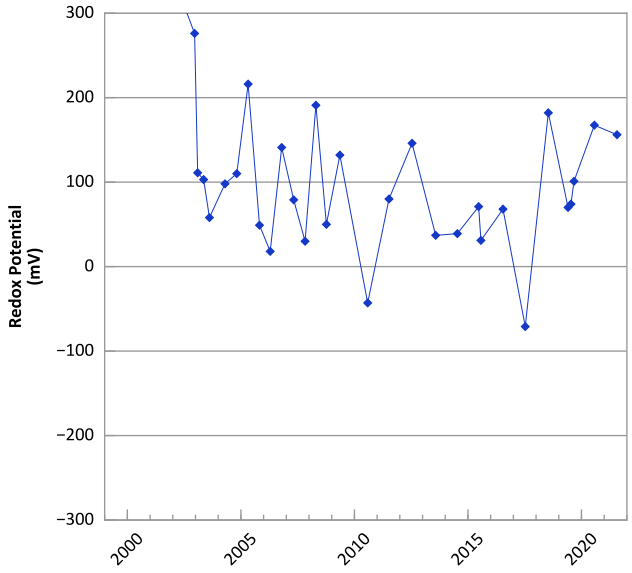
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

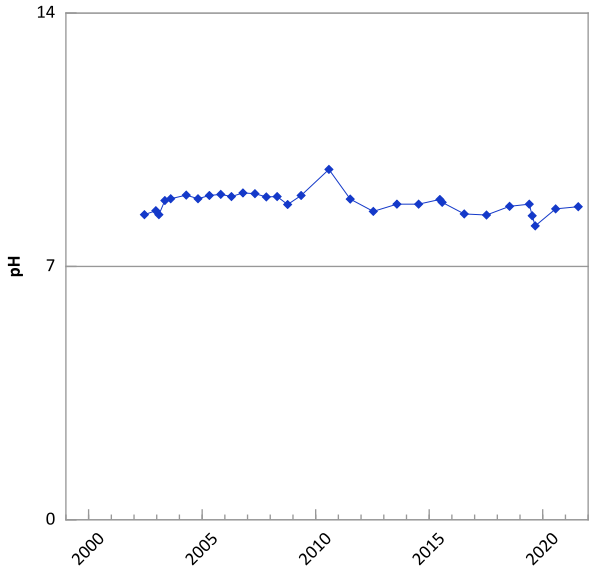
Well Location

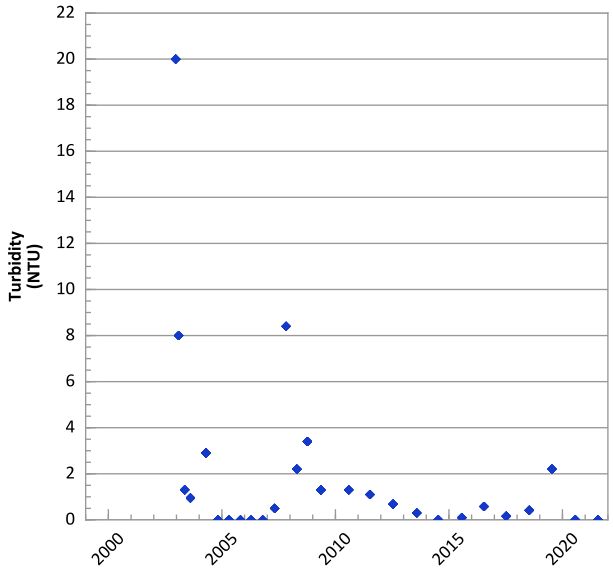


PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



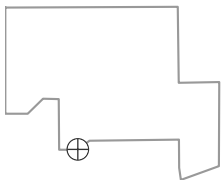






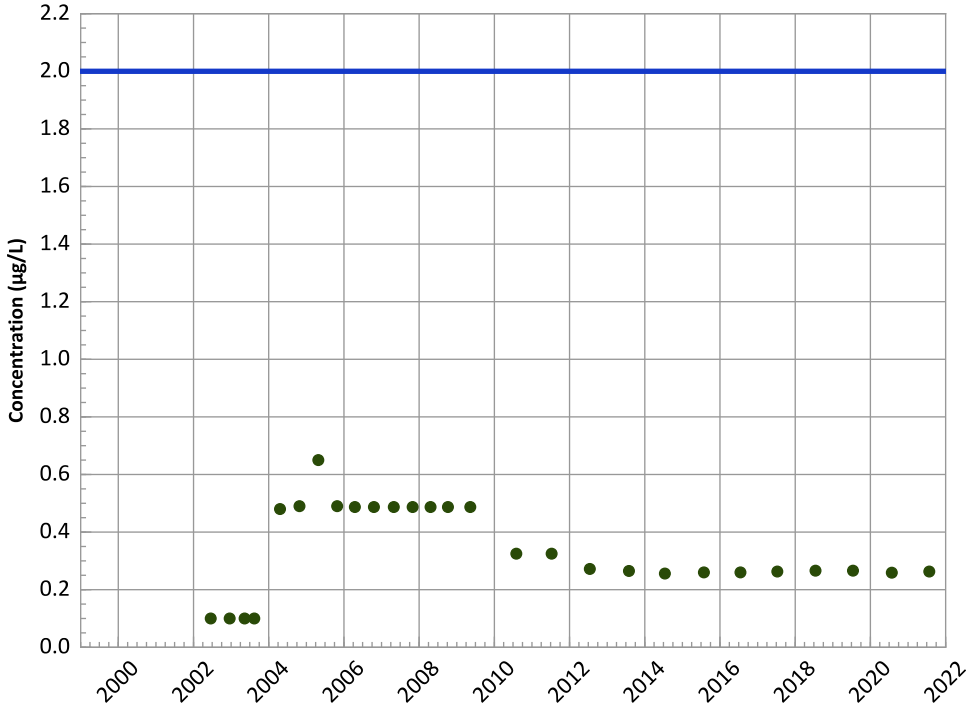
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

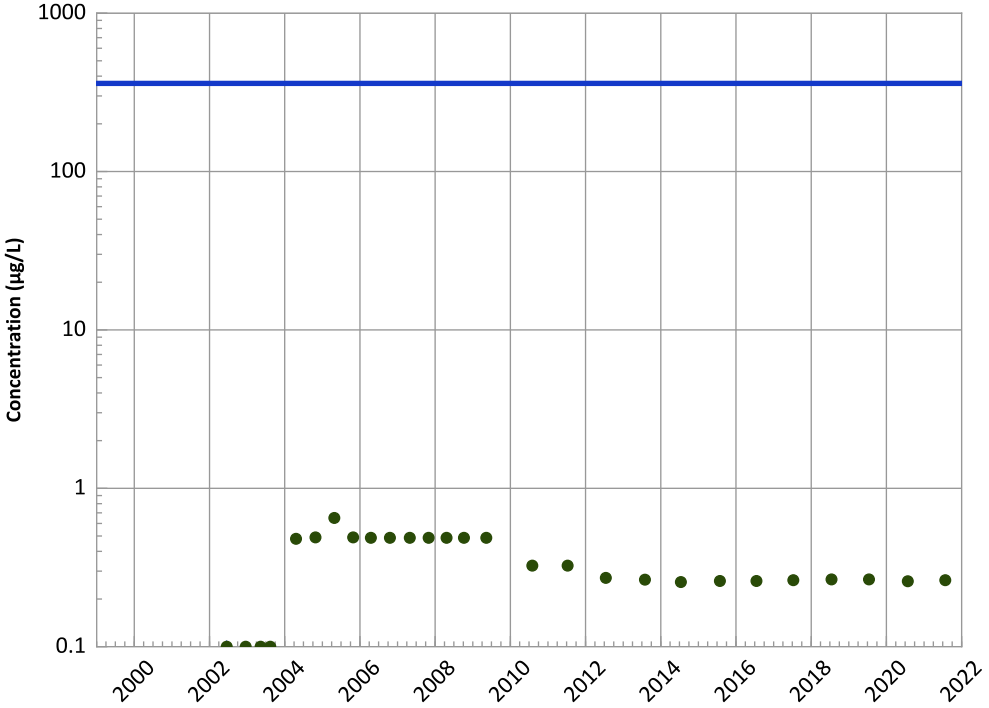


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

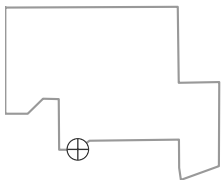
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

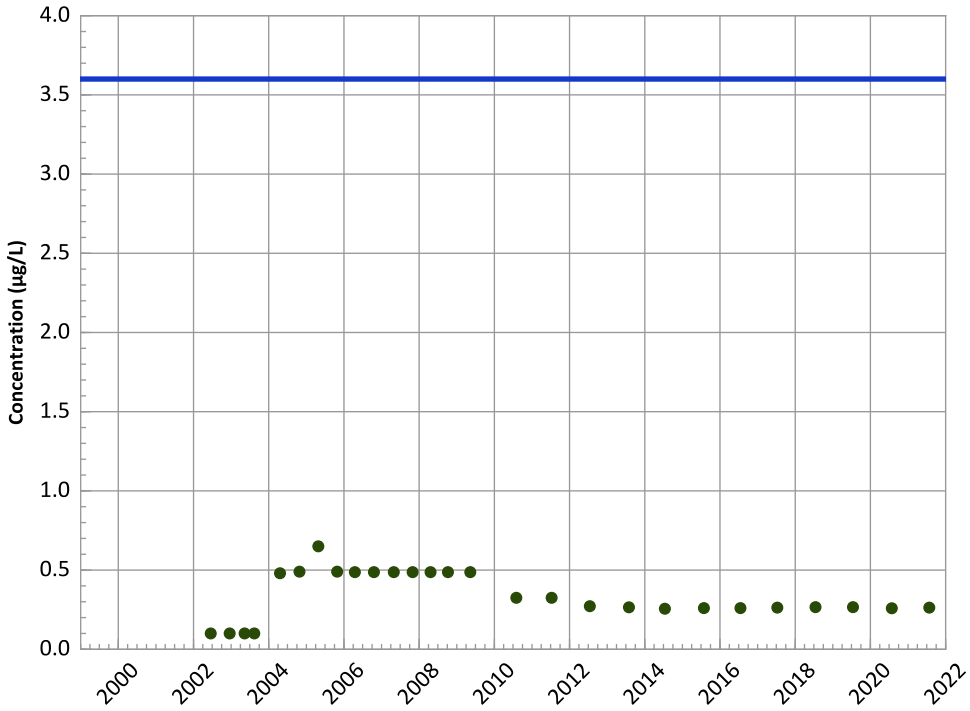
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

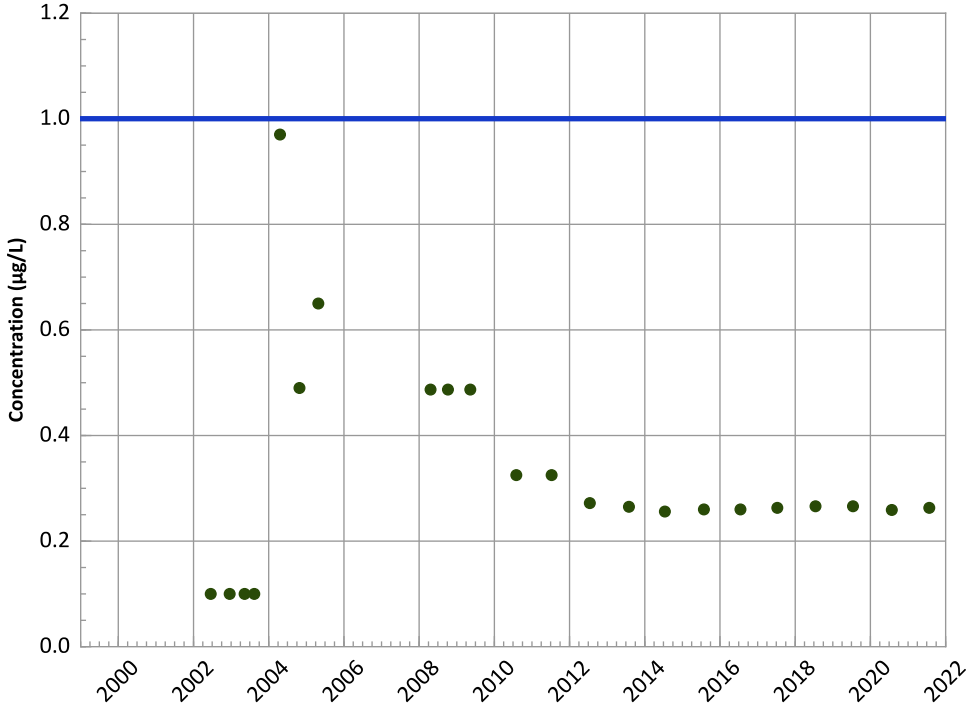


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

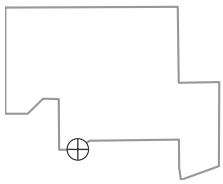
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

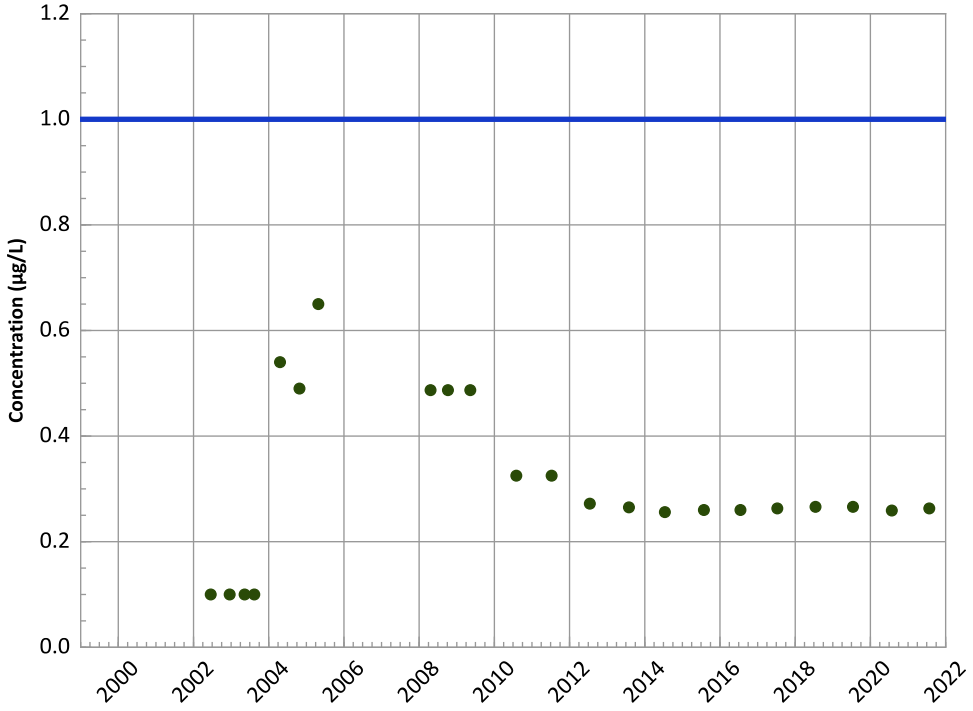
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

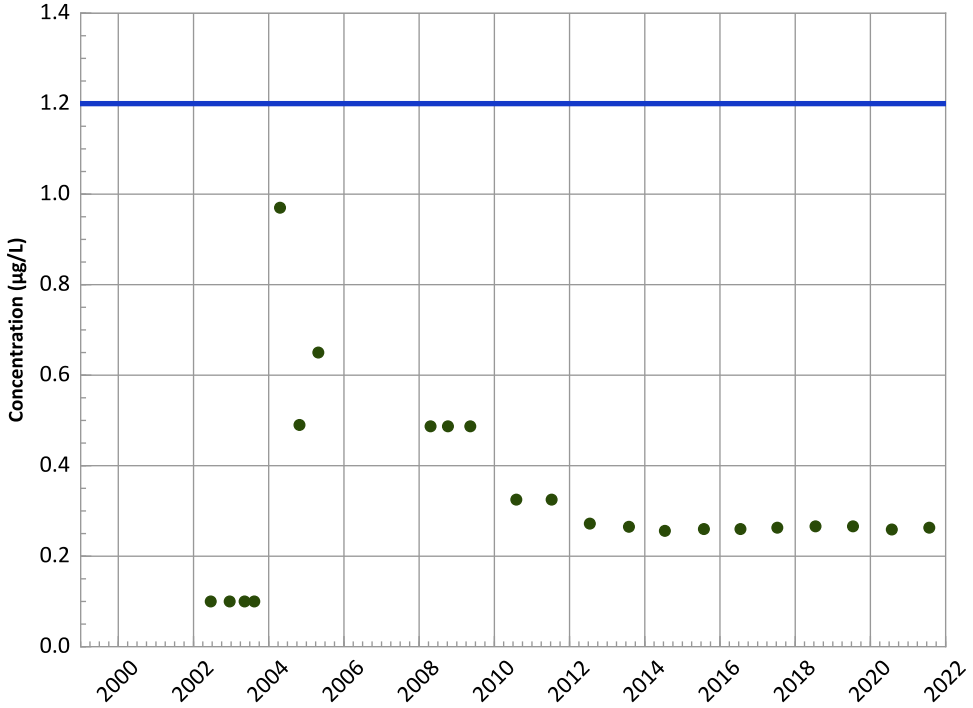


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

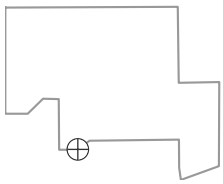


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

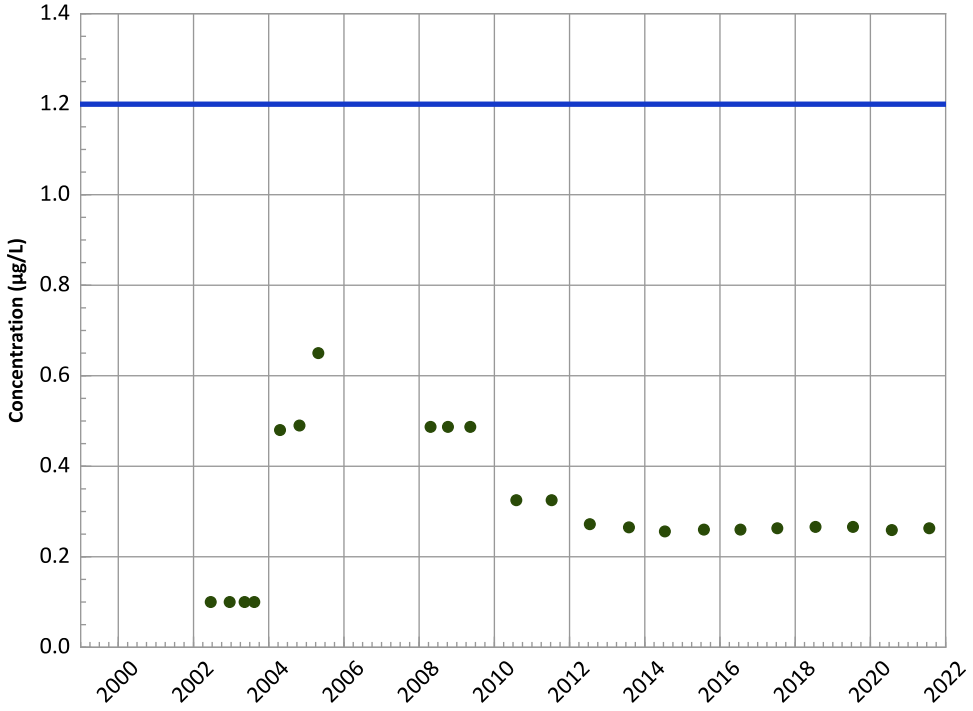


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

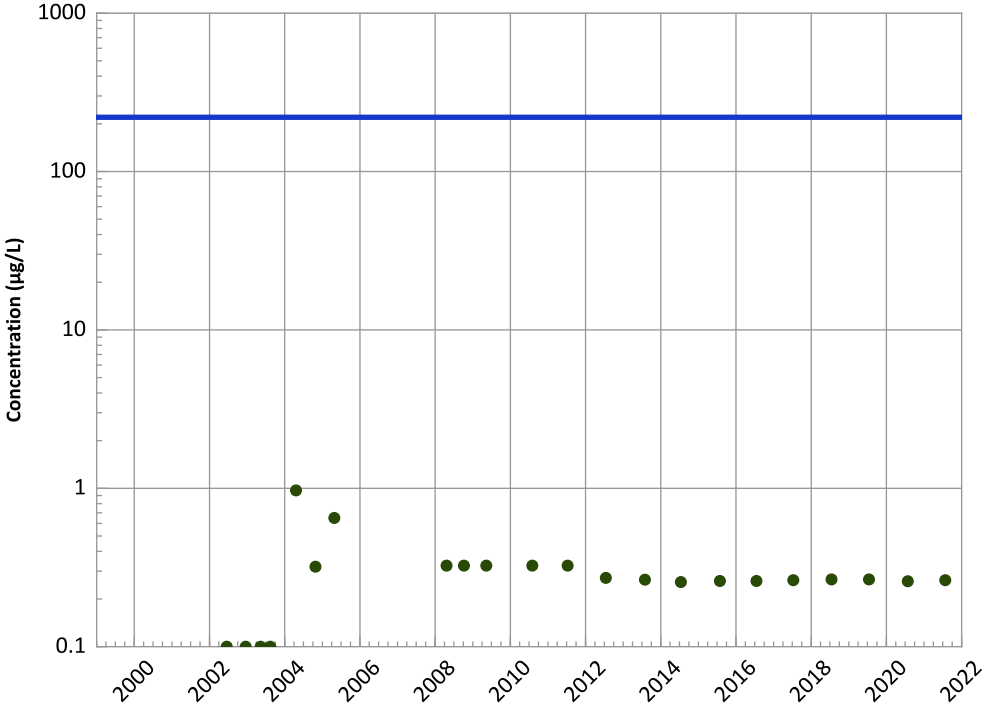


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

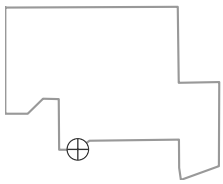
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

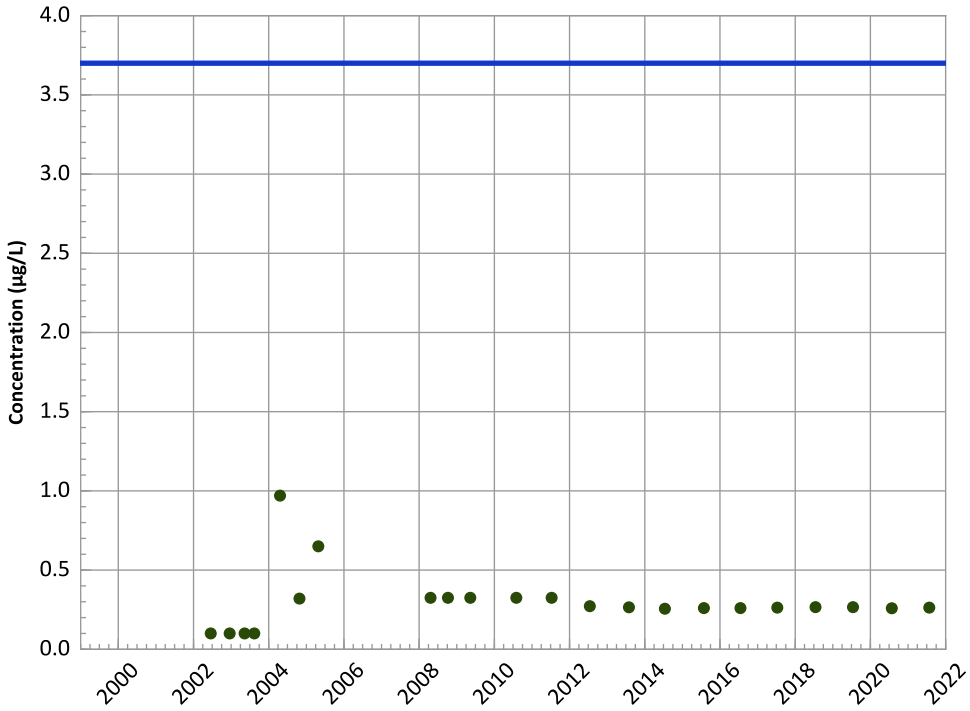
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

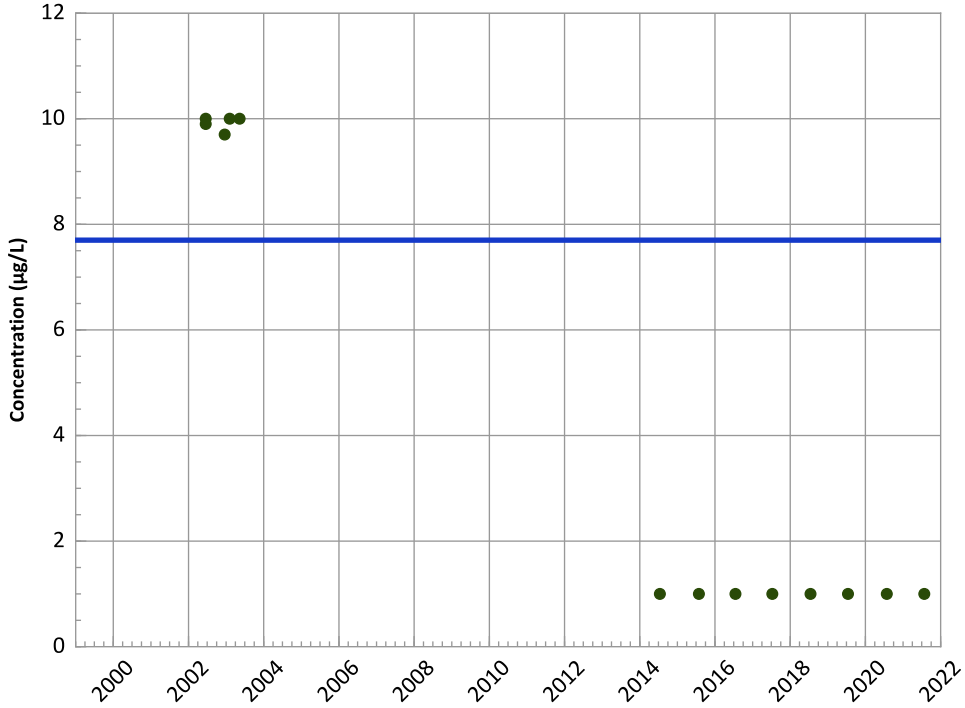


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

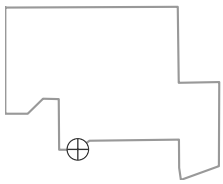
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

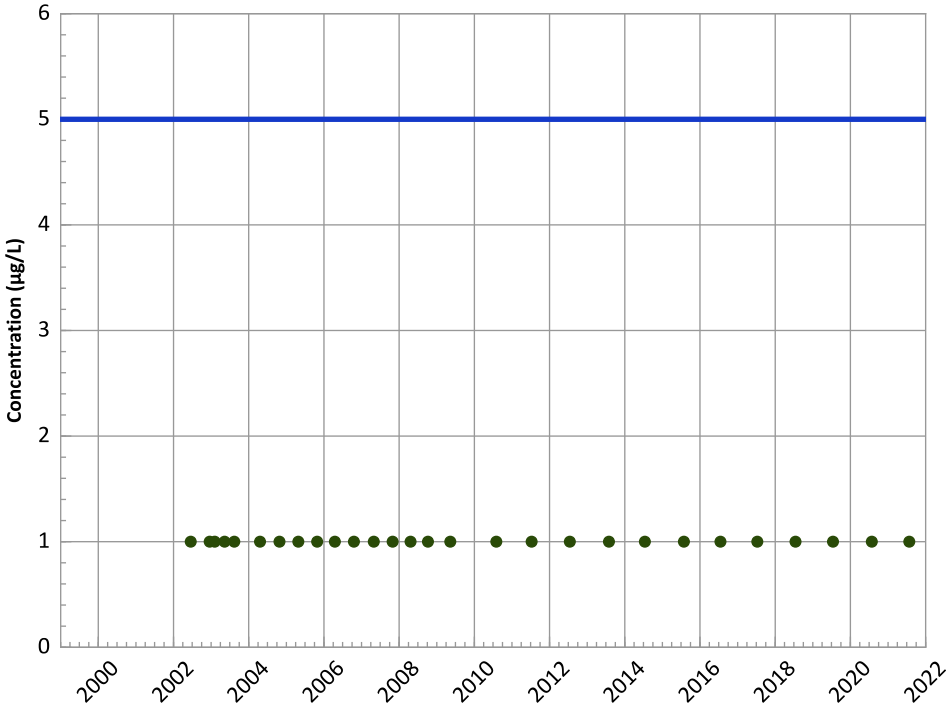
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

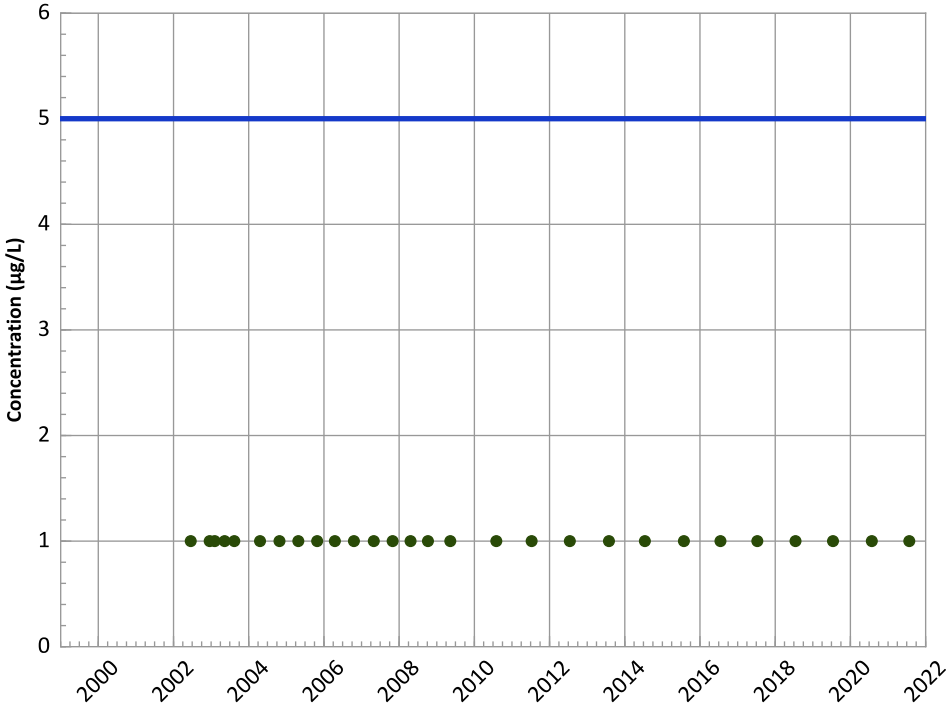


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

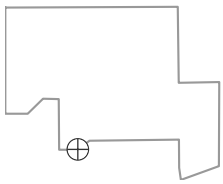


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

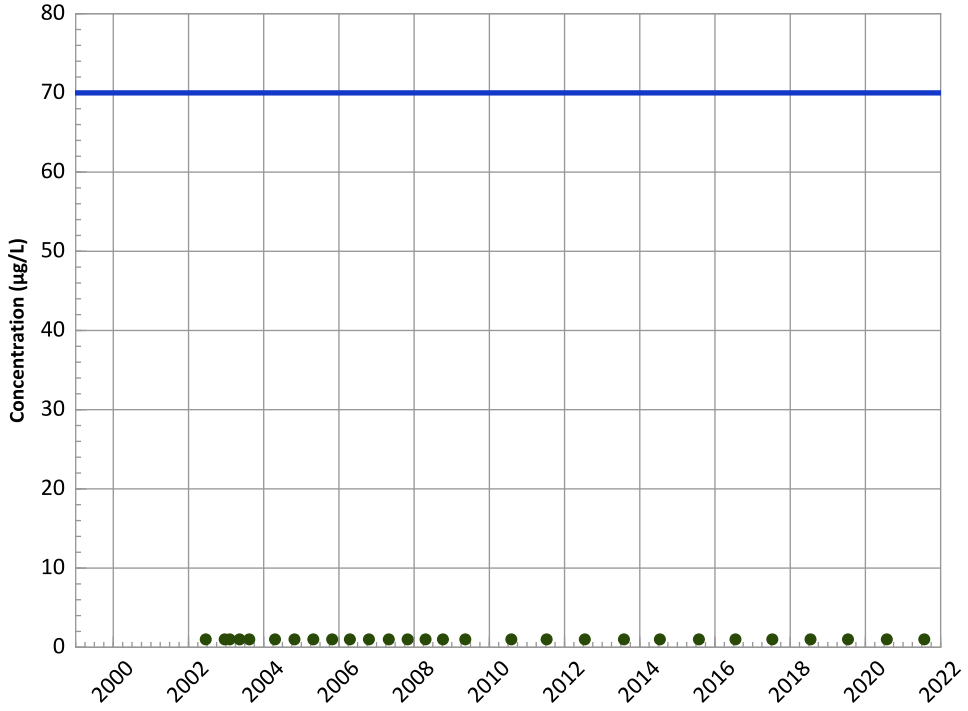


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

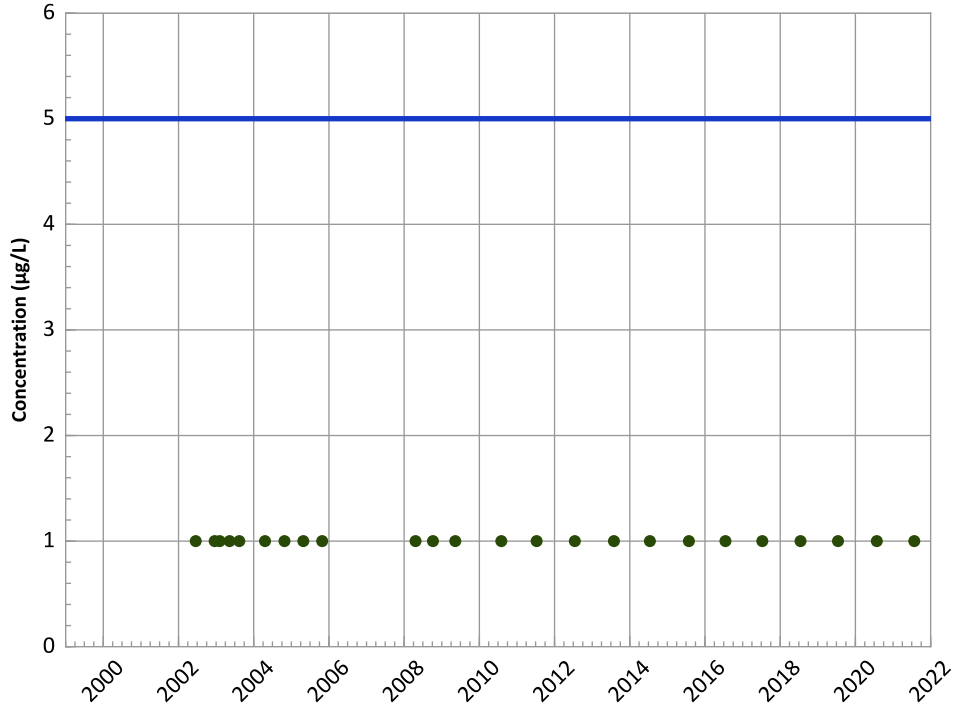


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend



Concentration Trend

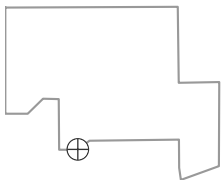
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

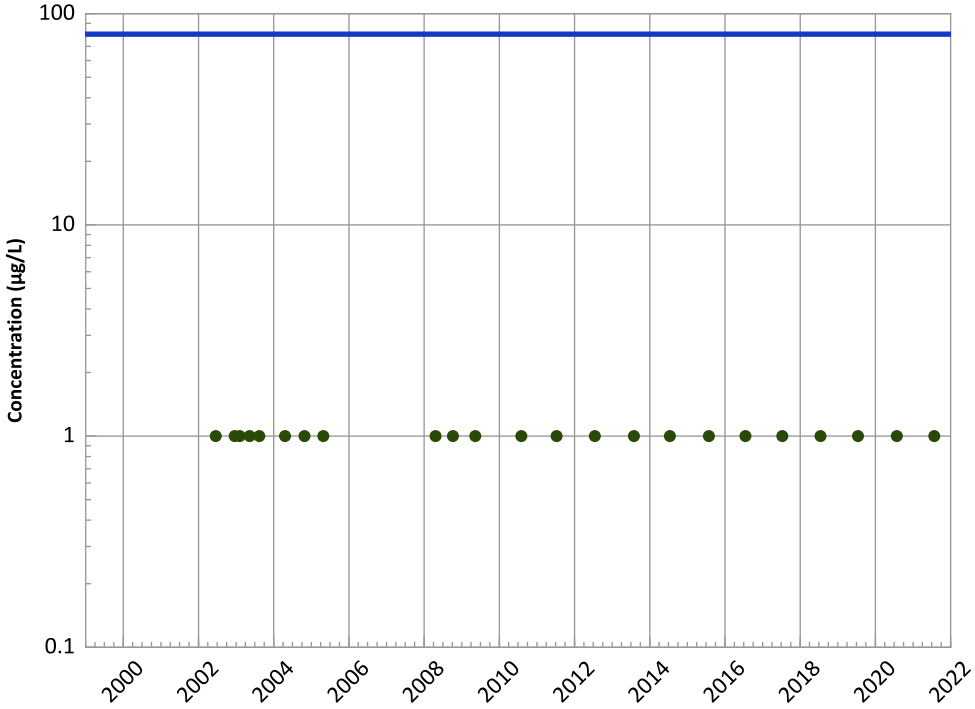
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

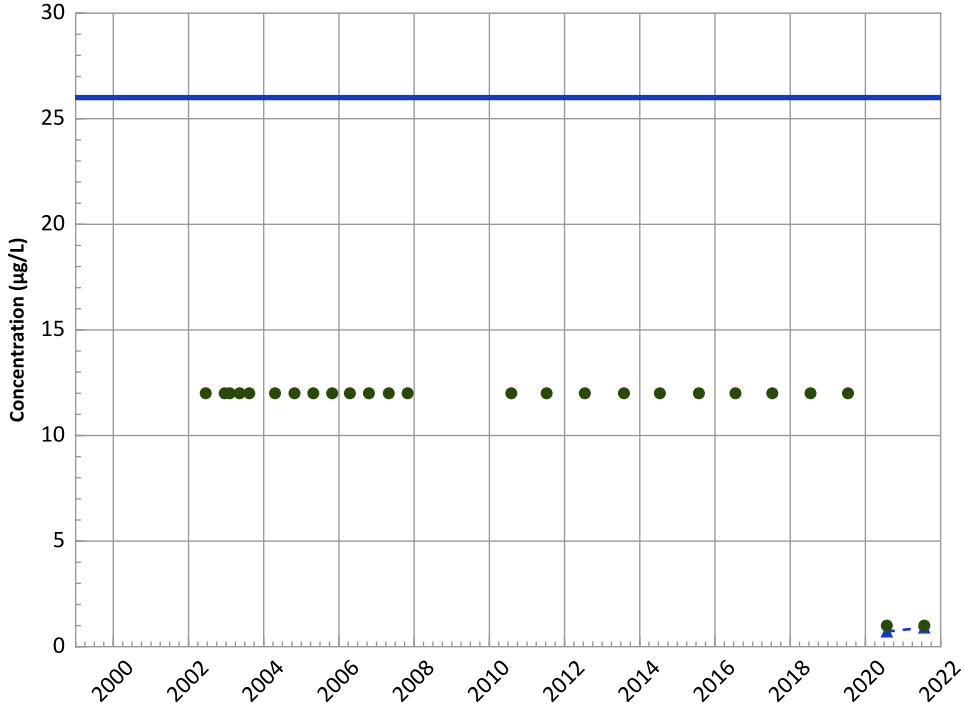


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

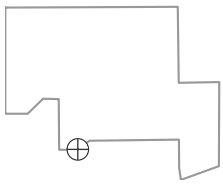
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

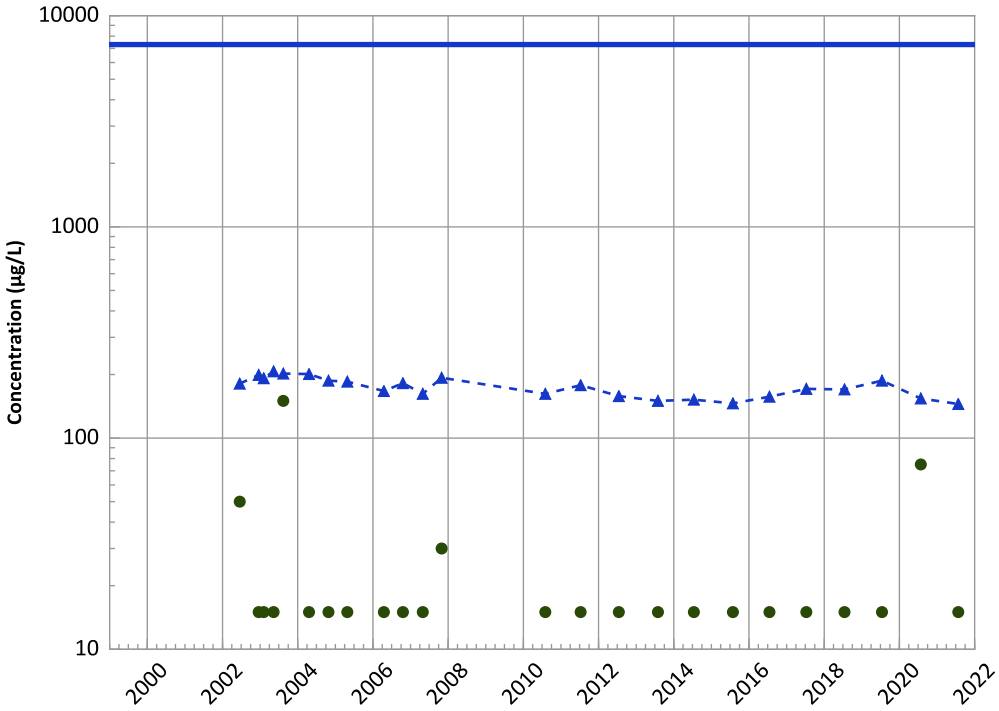
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

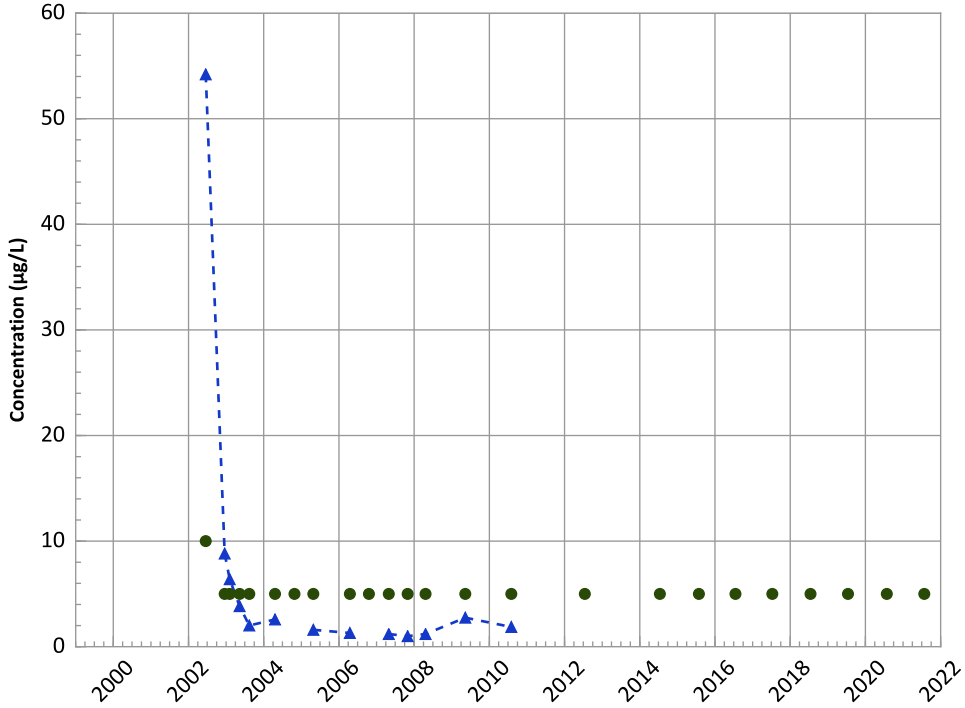


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

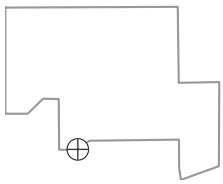
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

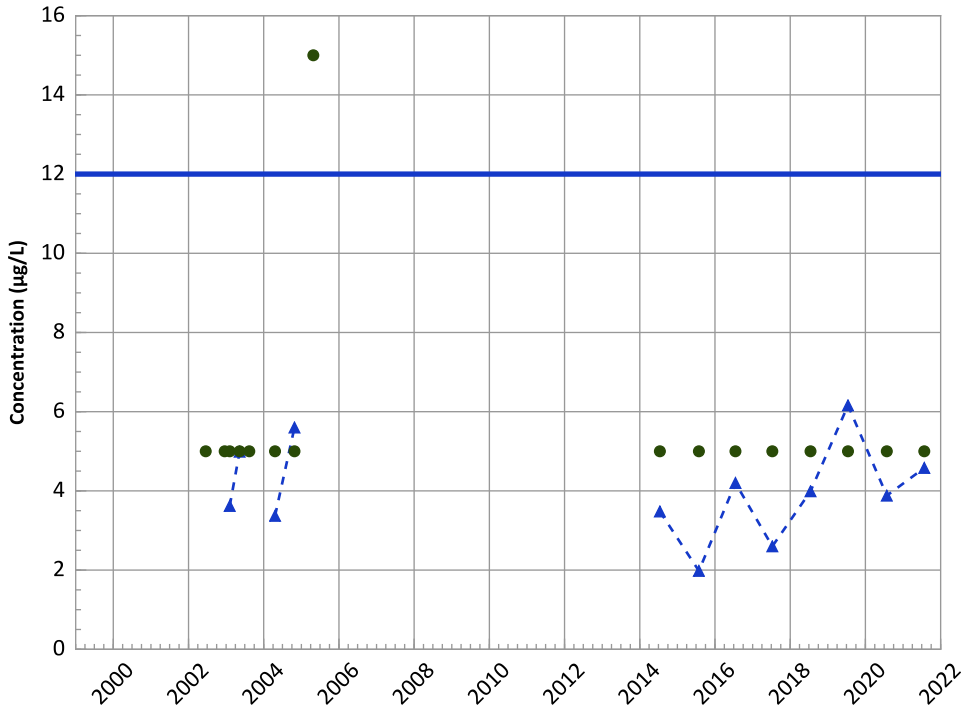
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1075 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

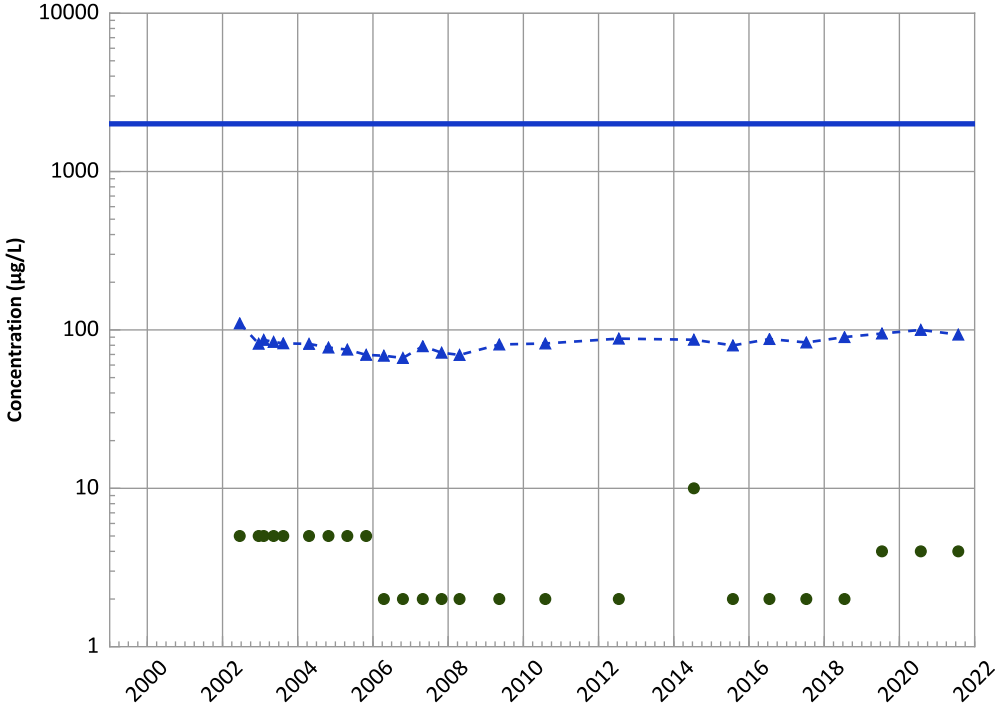


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Barium Trend

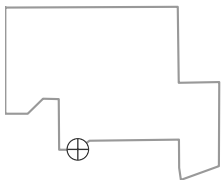


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

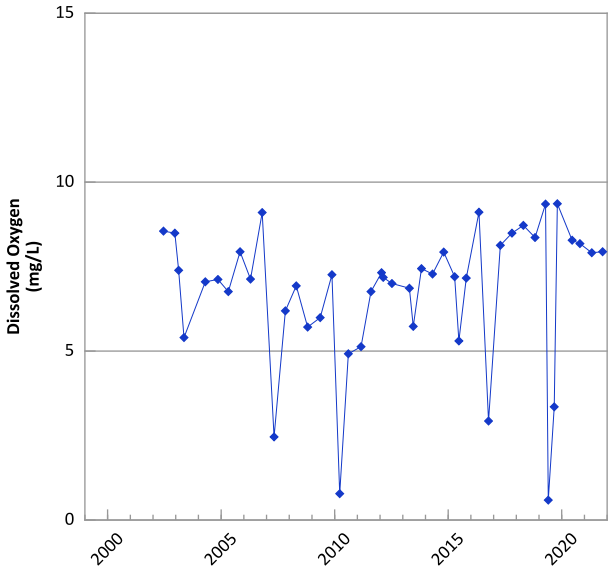
Well Location

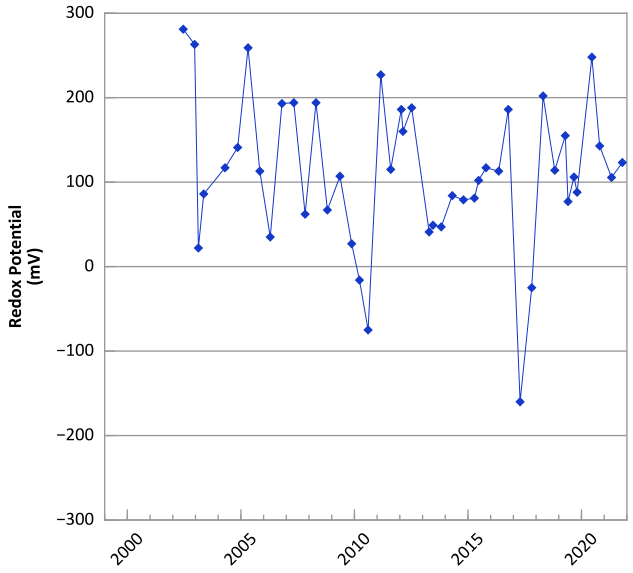


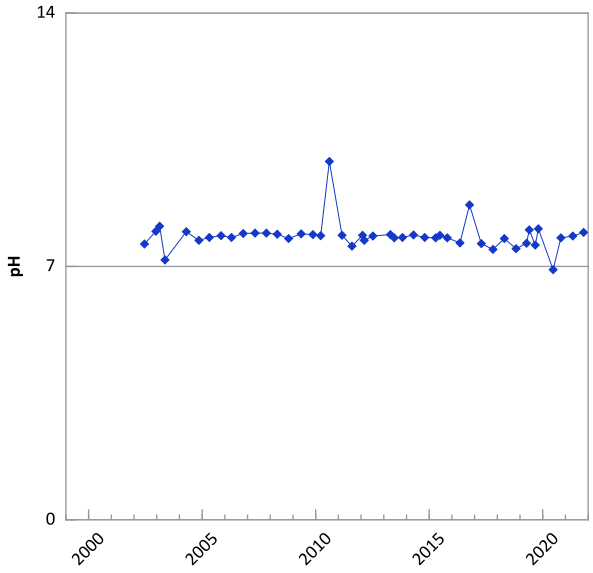
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/17/2002 to 07/26/2021
Analysis Date: 04/29/2022

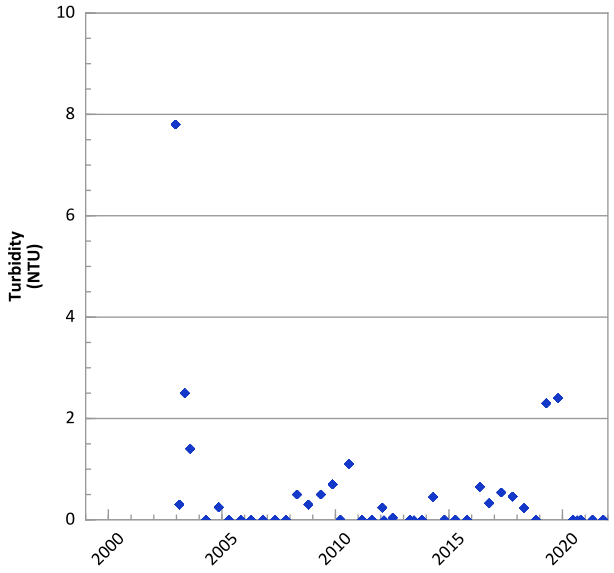
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



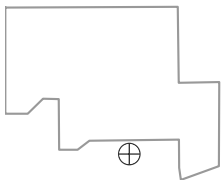






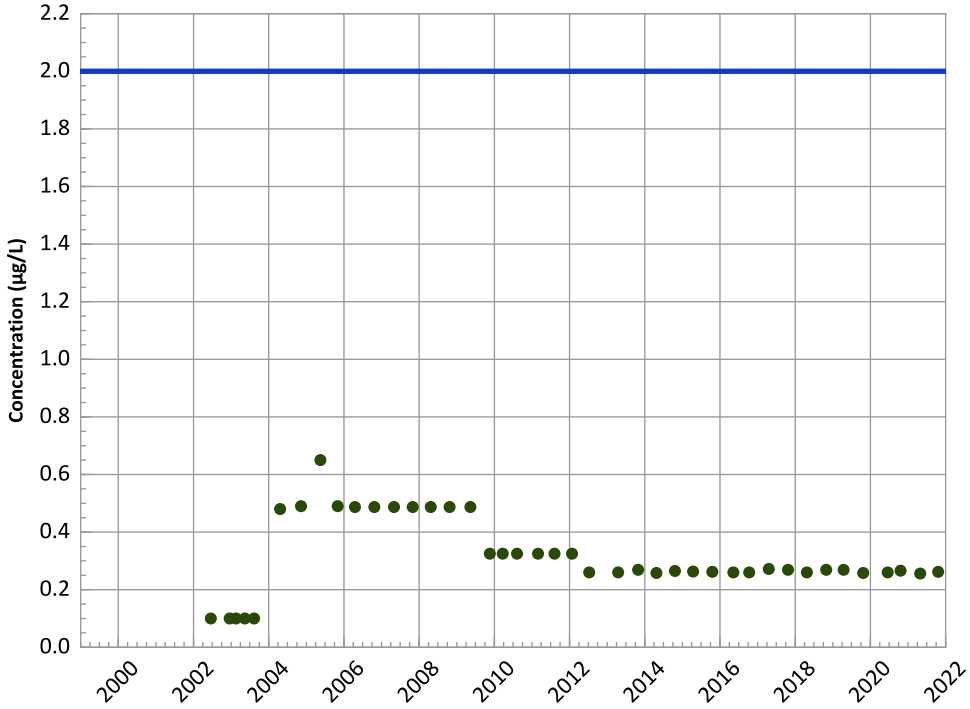
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

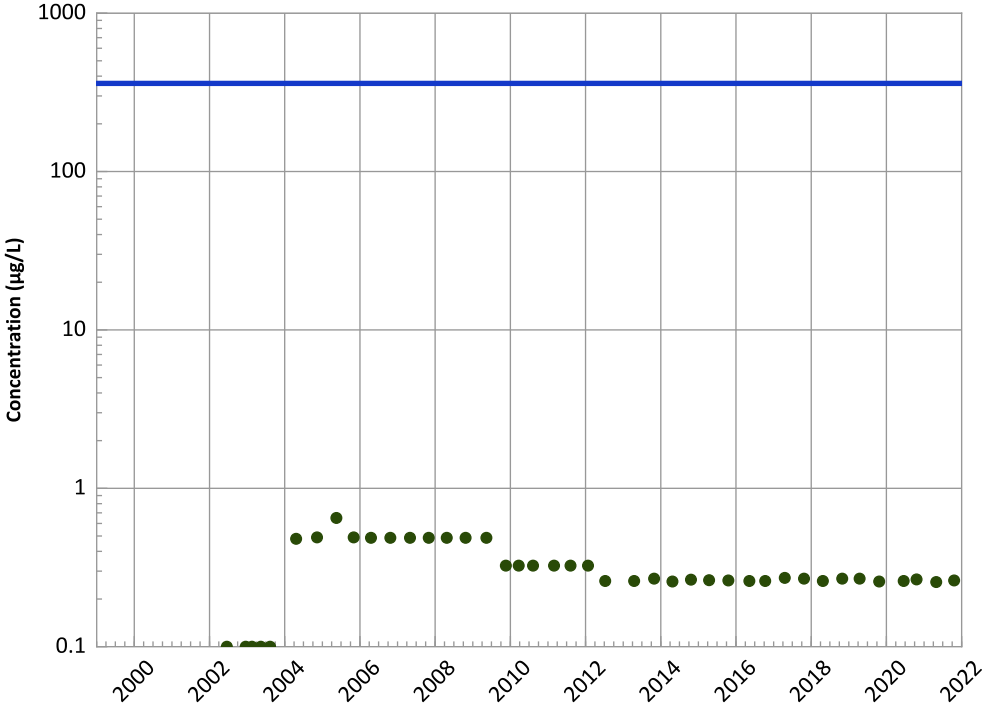


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

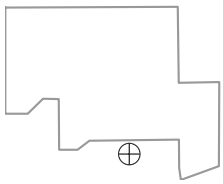
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

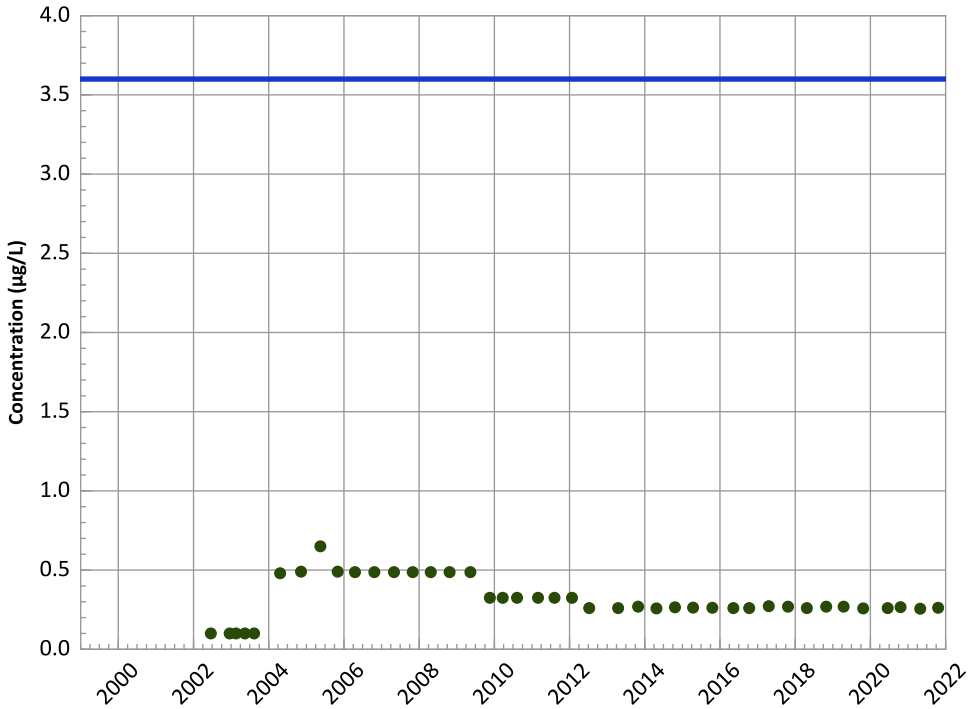
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

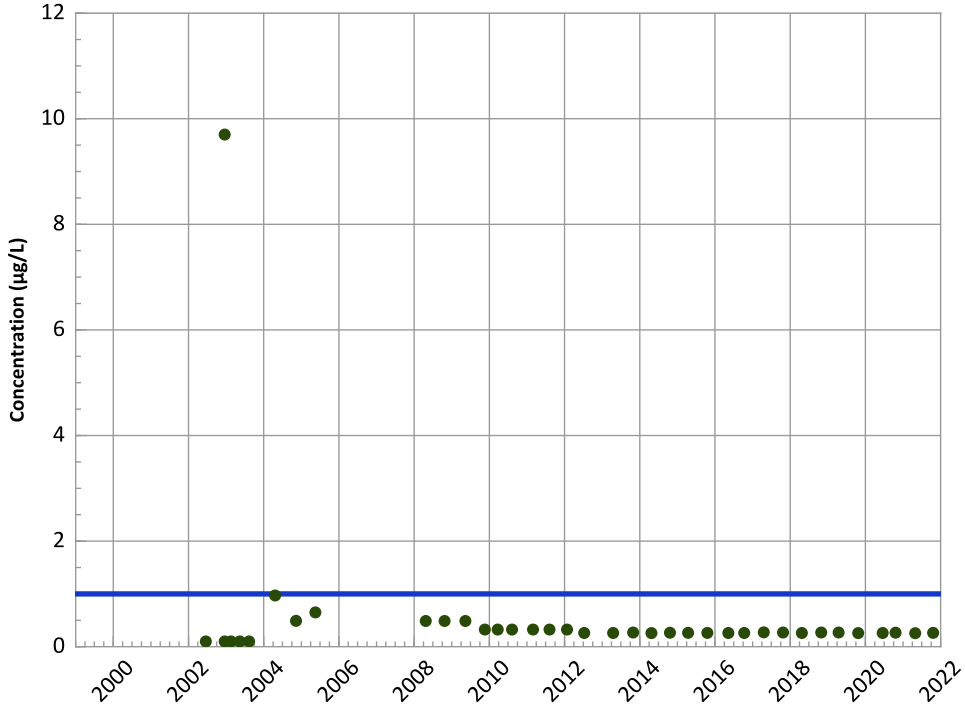


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

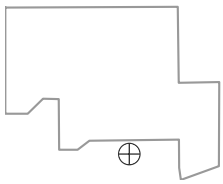
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

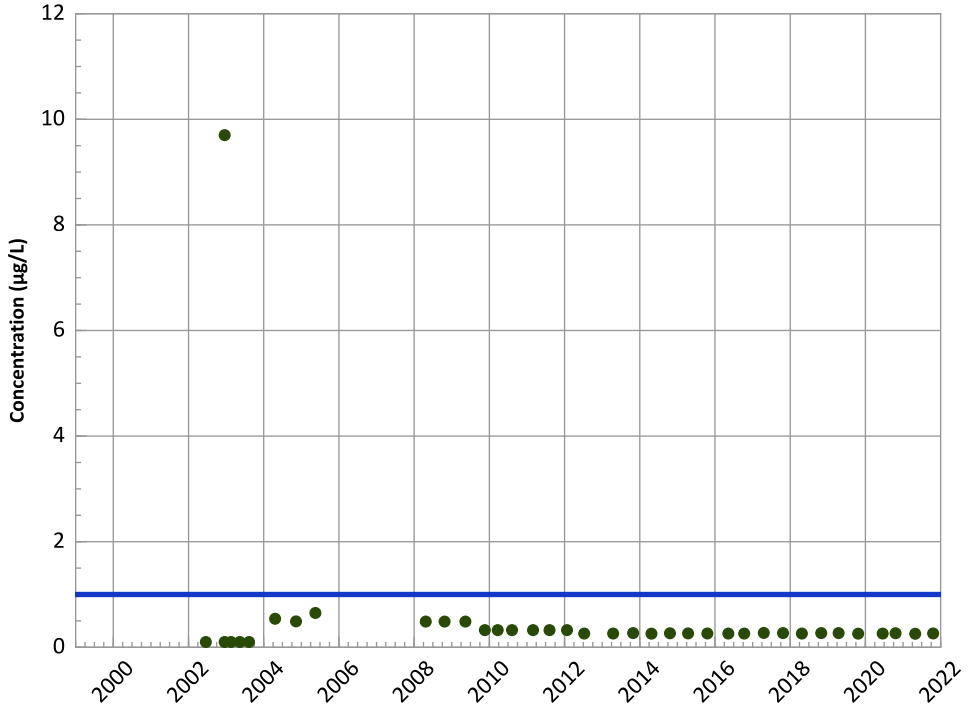
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

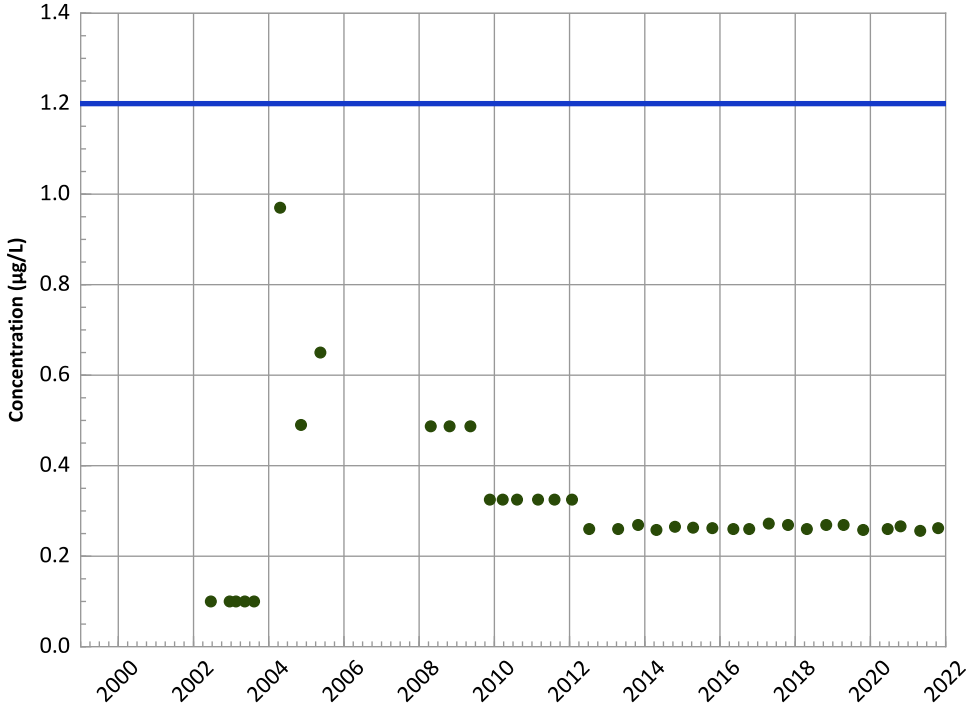


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend



Concentration Trend

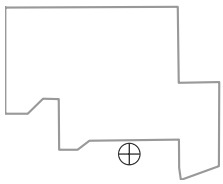
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

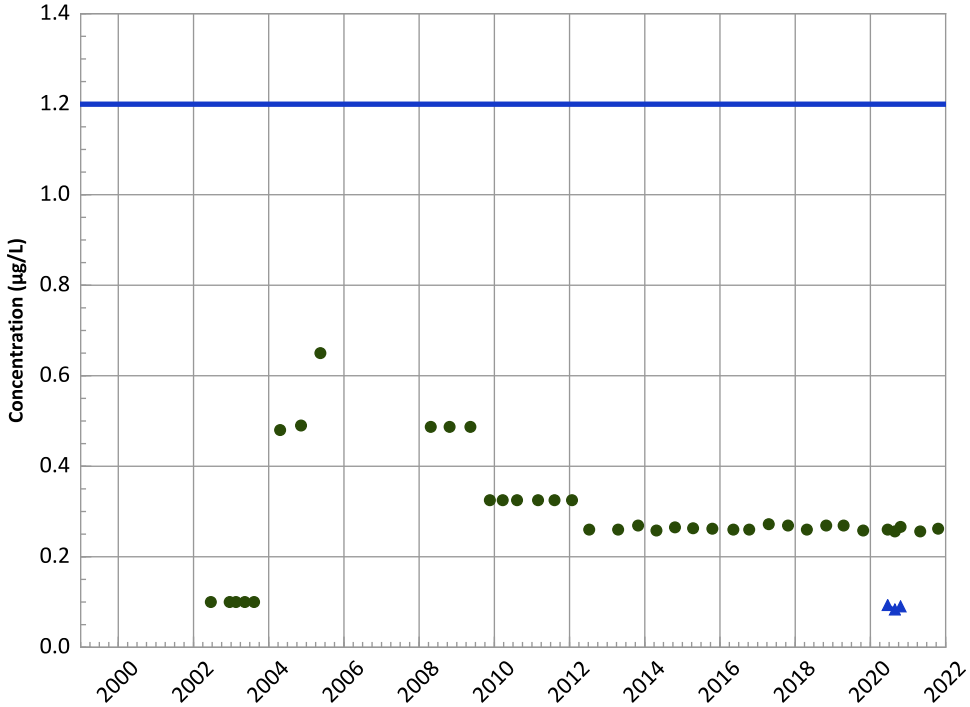
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

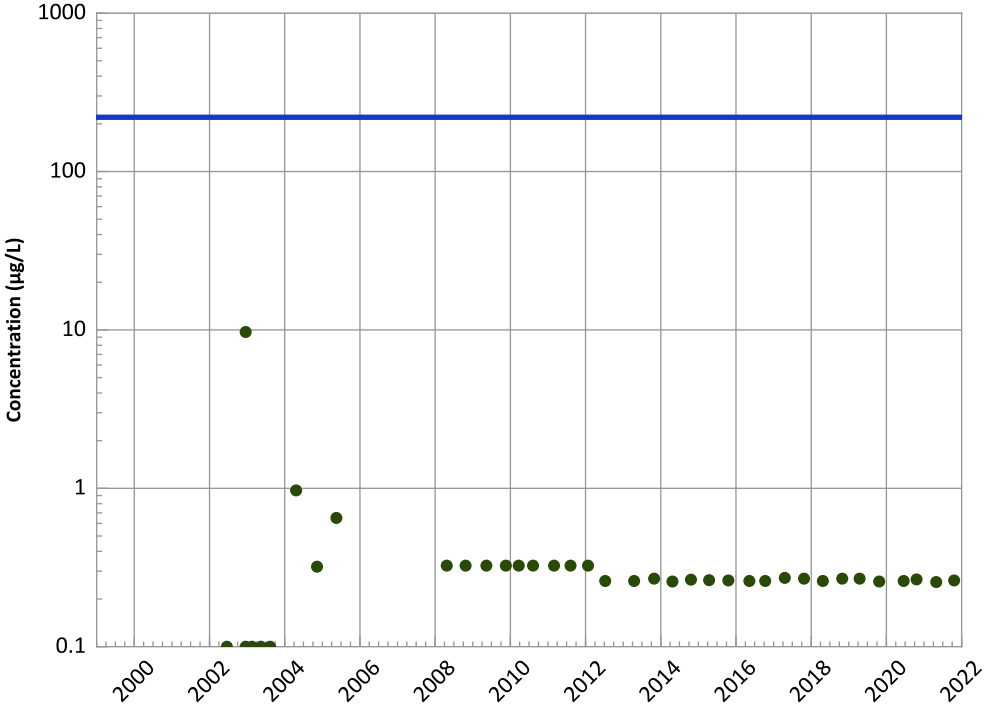


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

1,3,5-Trinitrobenzene Trend



Concentration Trend

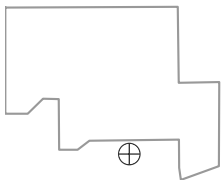
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

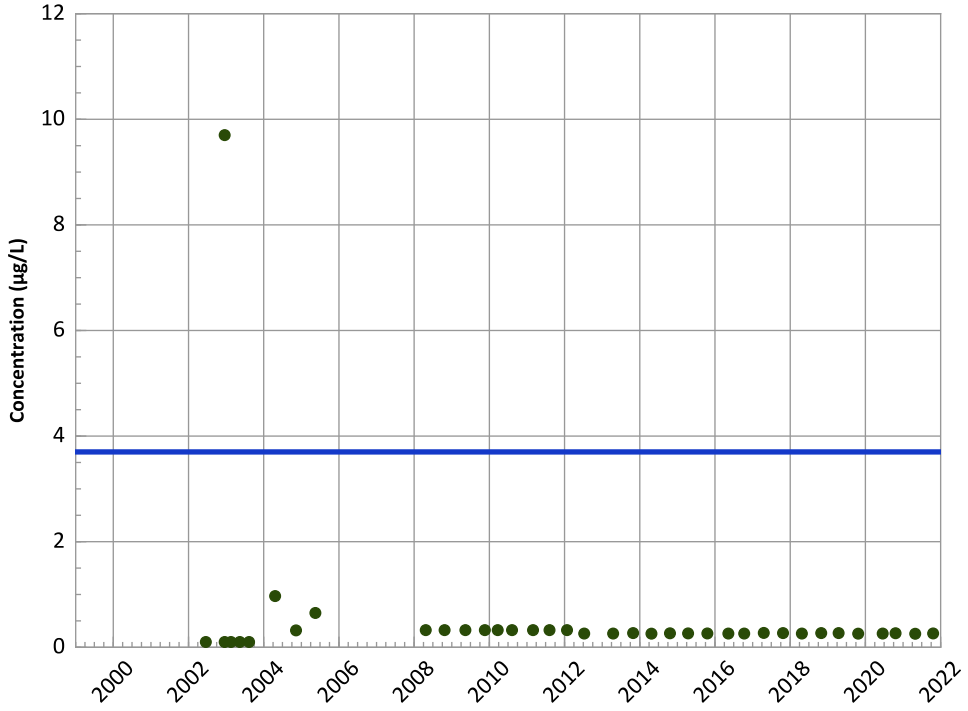
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

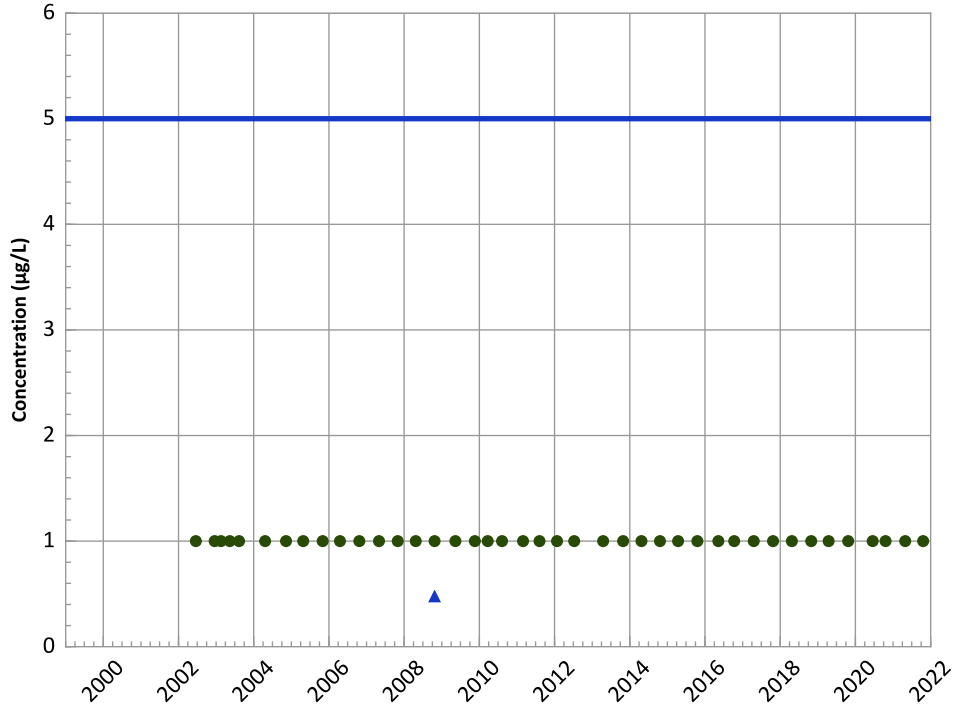


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

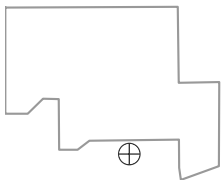
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

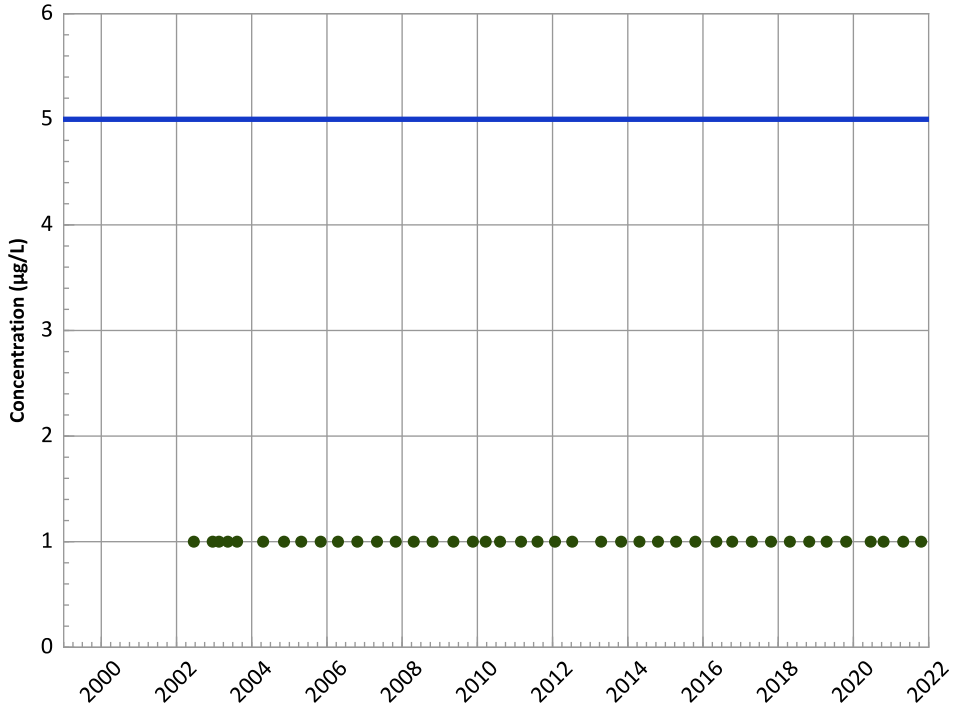
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

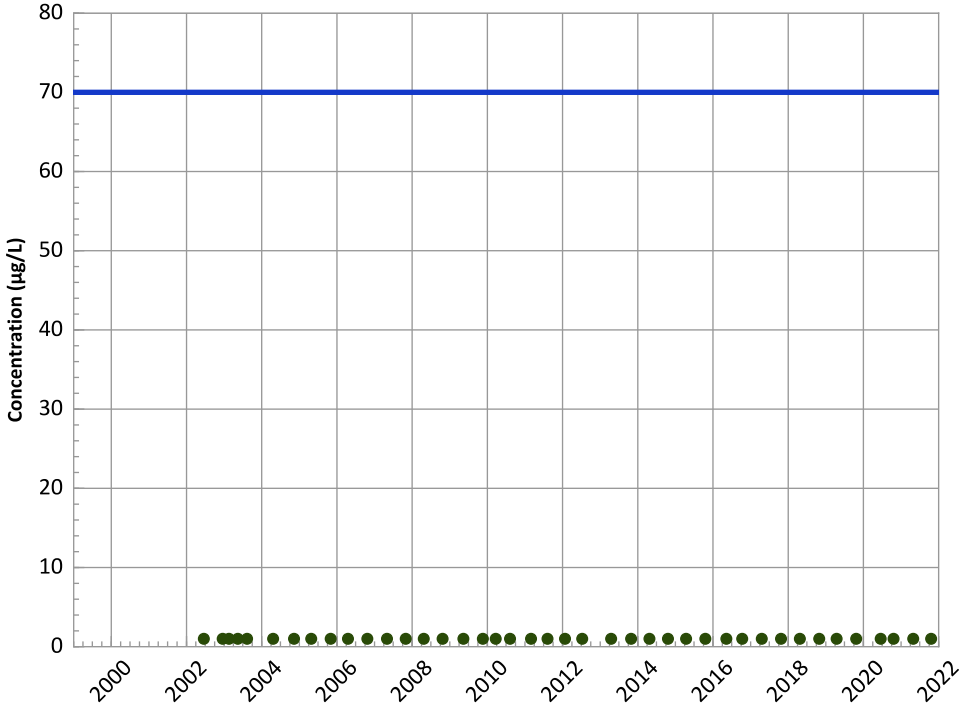


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

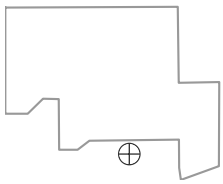
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

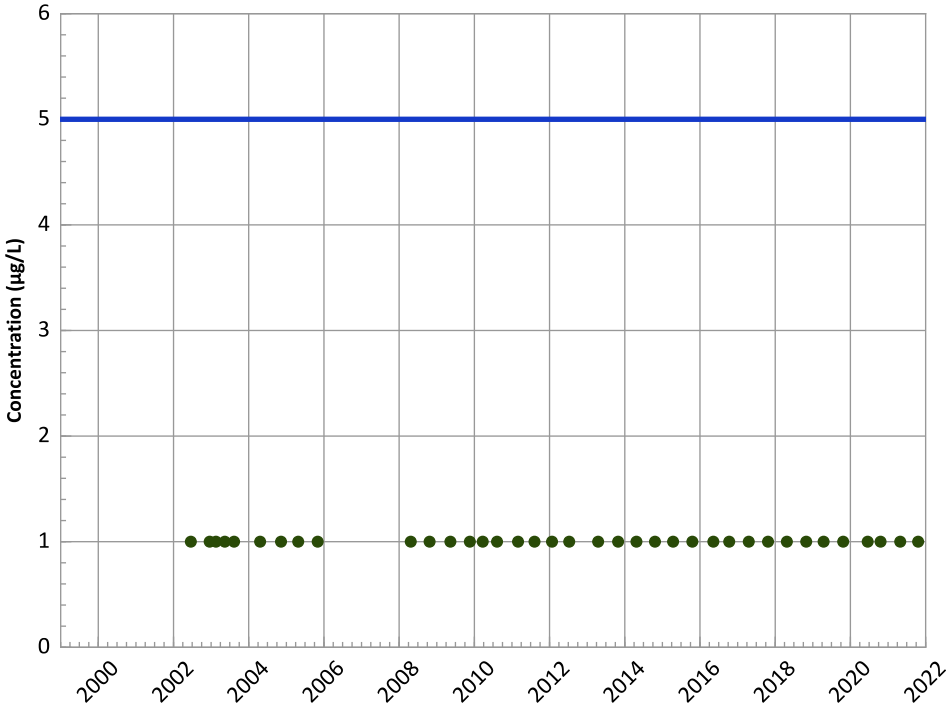
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

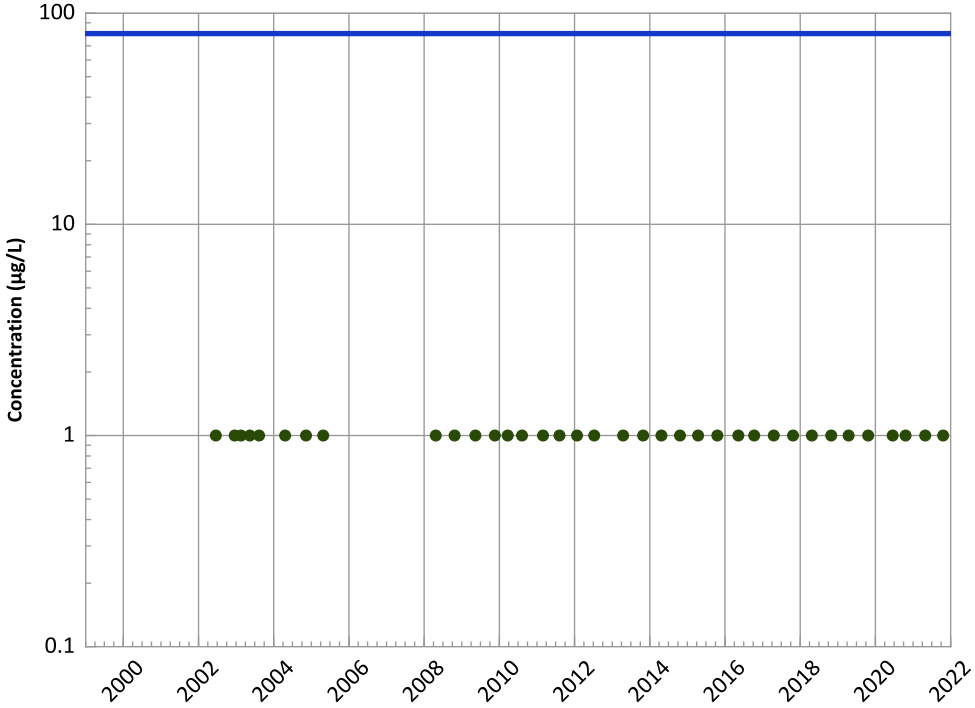


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

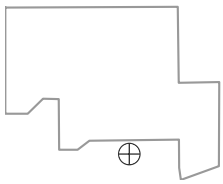
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

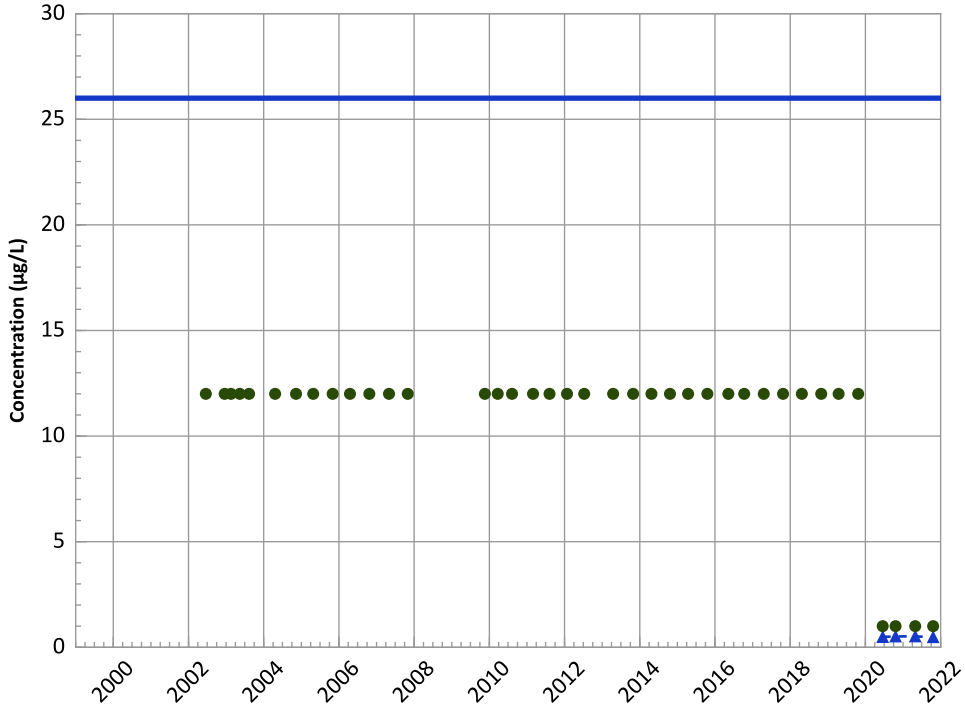
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Perchlorate Trend

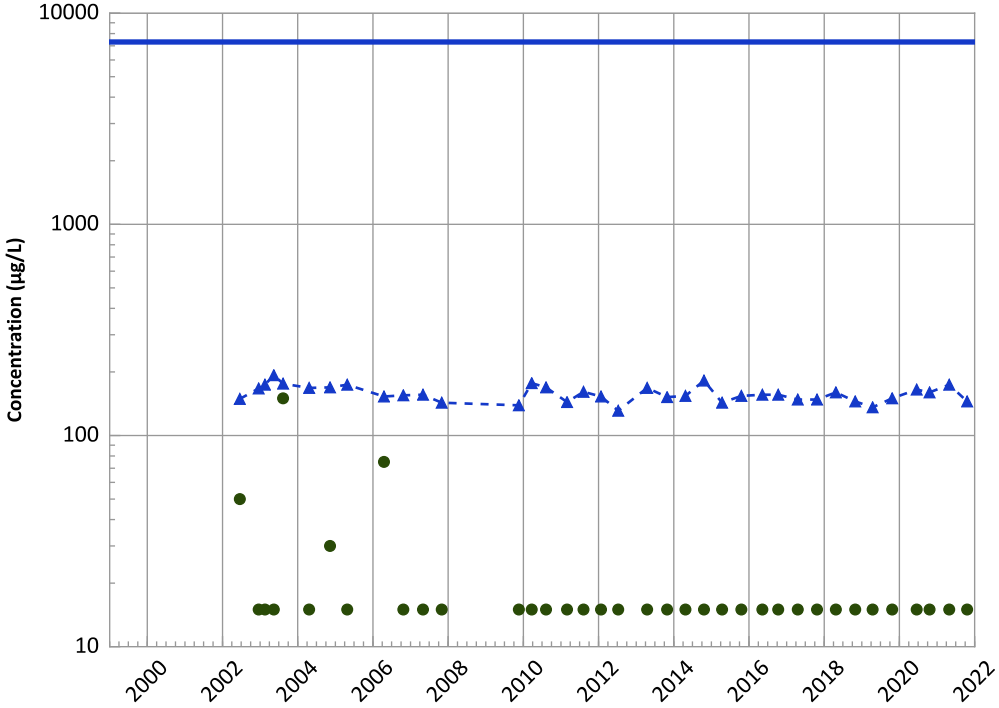


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Boron Trend



Concentration Trend

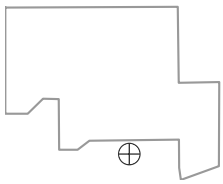
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

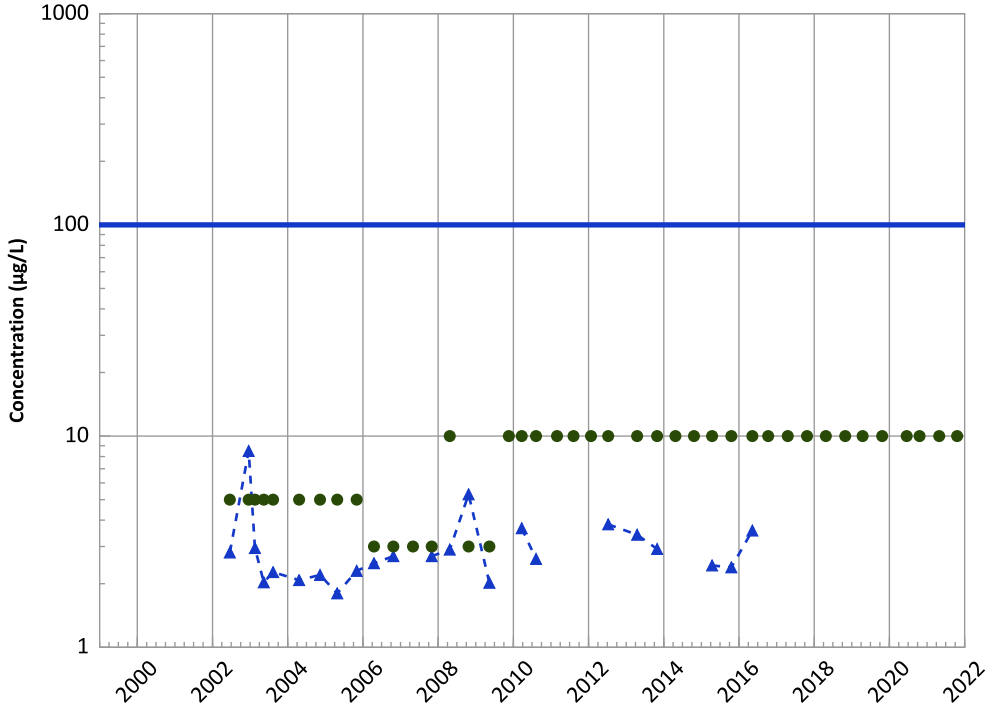
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Total Trend

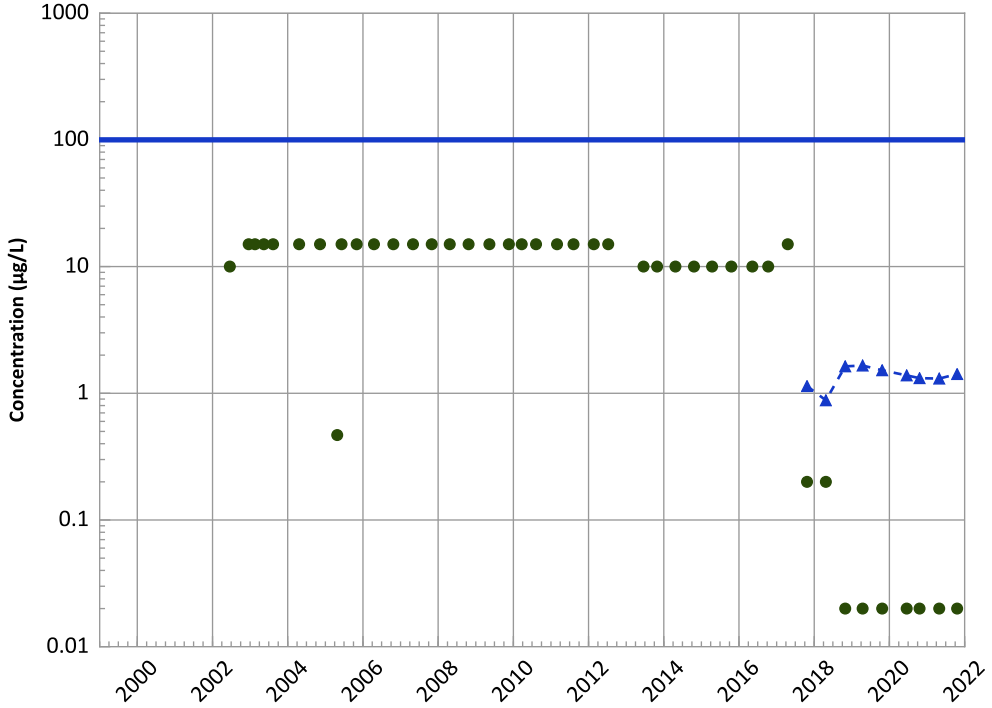


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Chromium, Hexavalent Trend



Concentration Trend

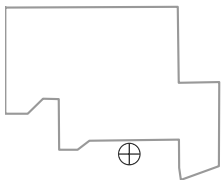
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

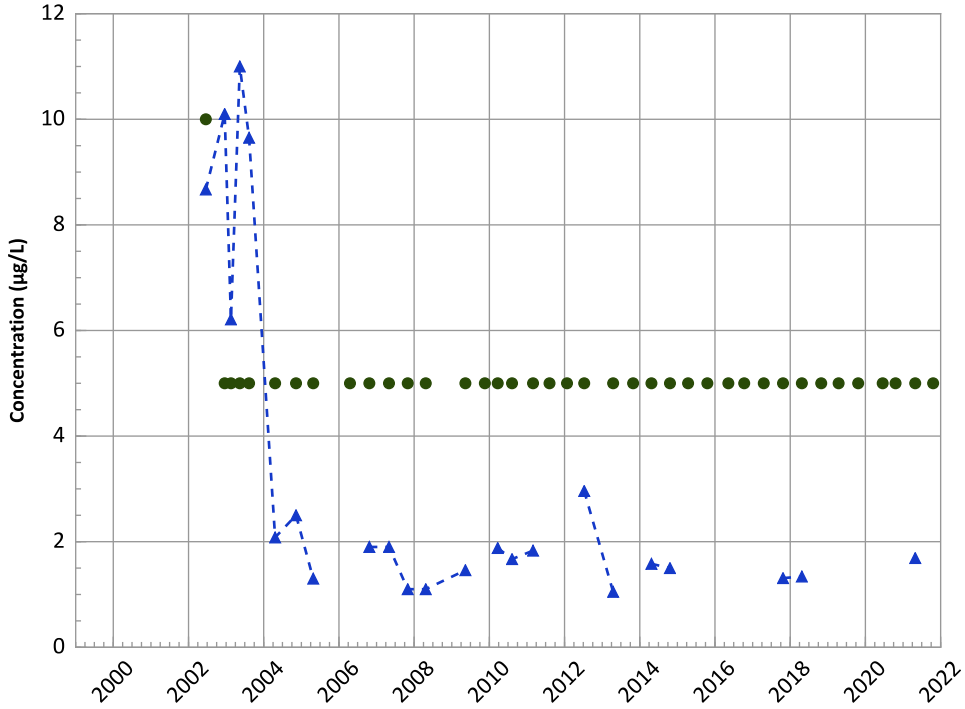
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Manganese Trend

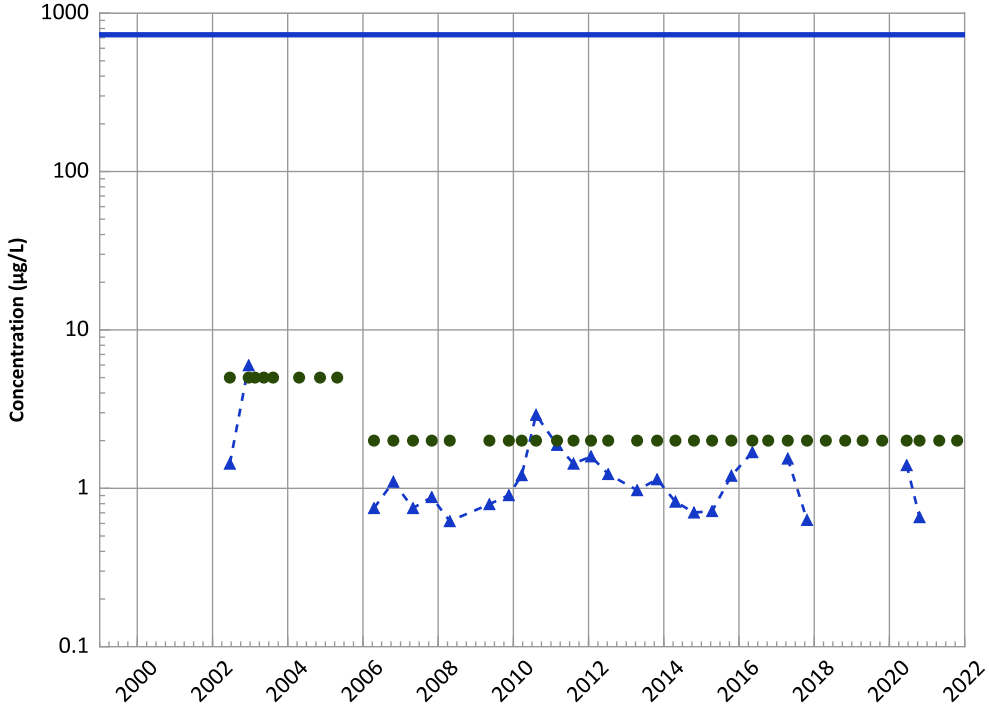


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Nickel Trend



Concentration Trend

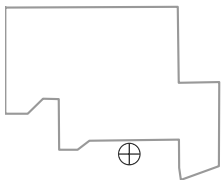
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

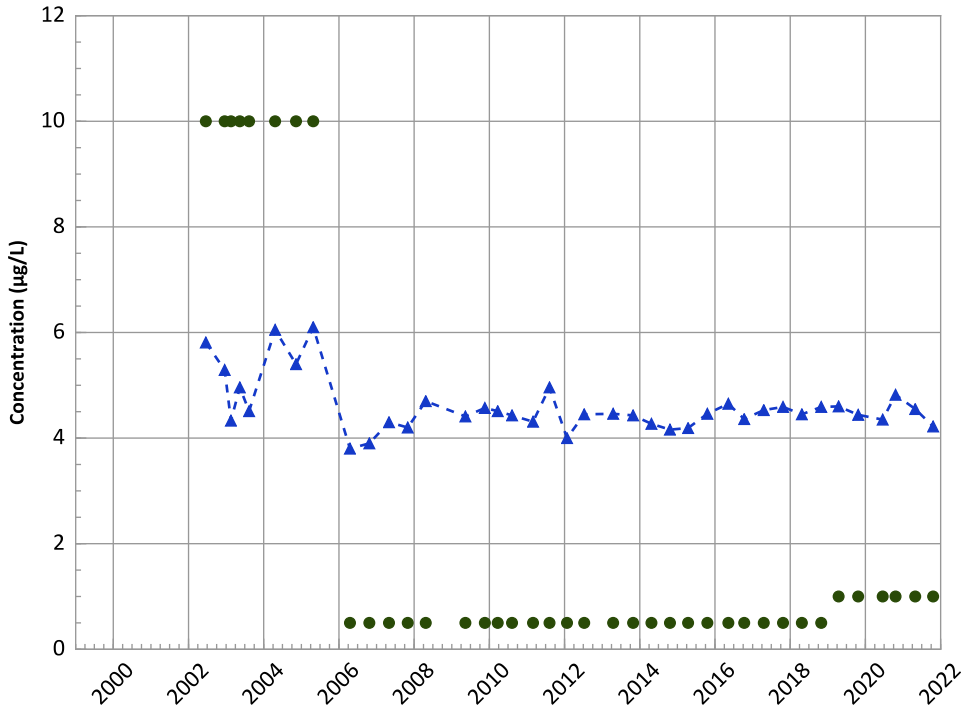
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Molybdenum Trend

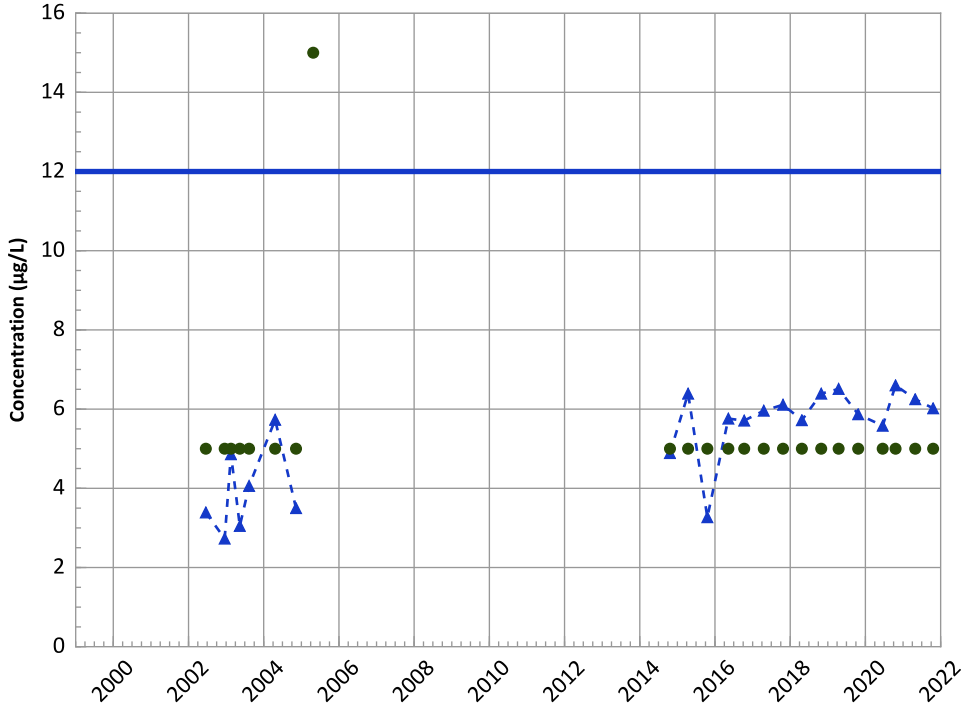


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Arsenic Trend



Concentration Trend

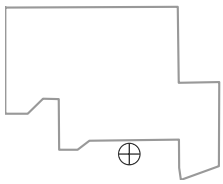
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

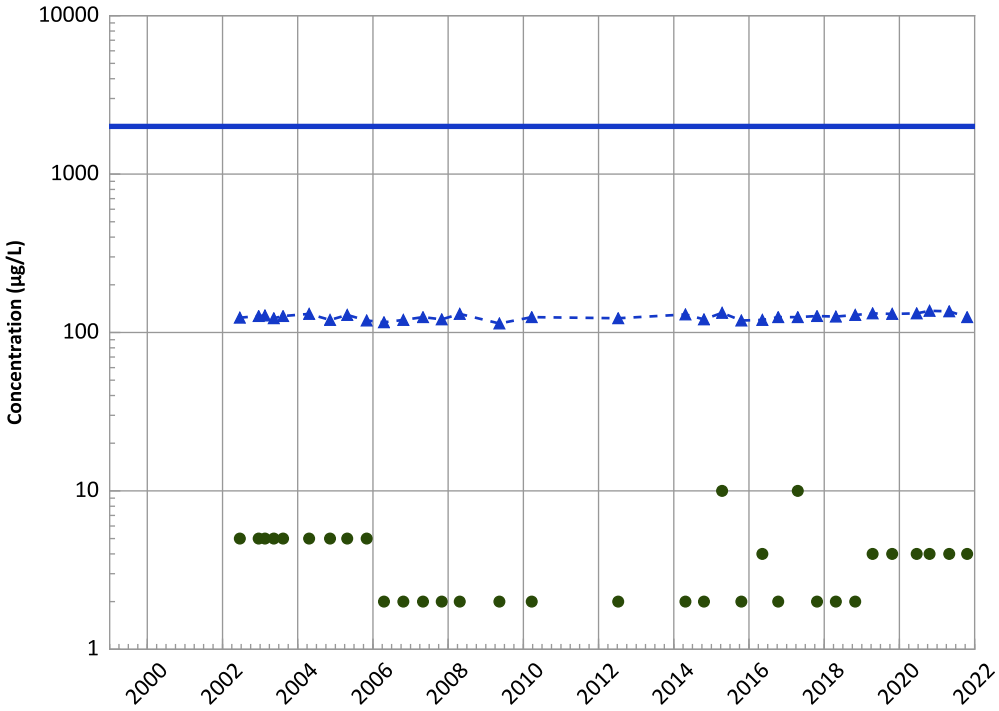
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

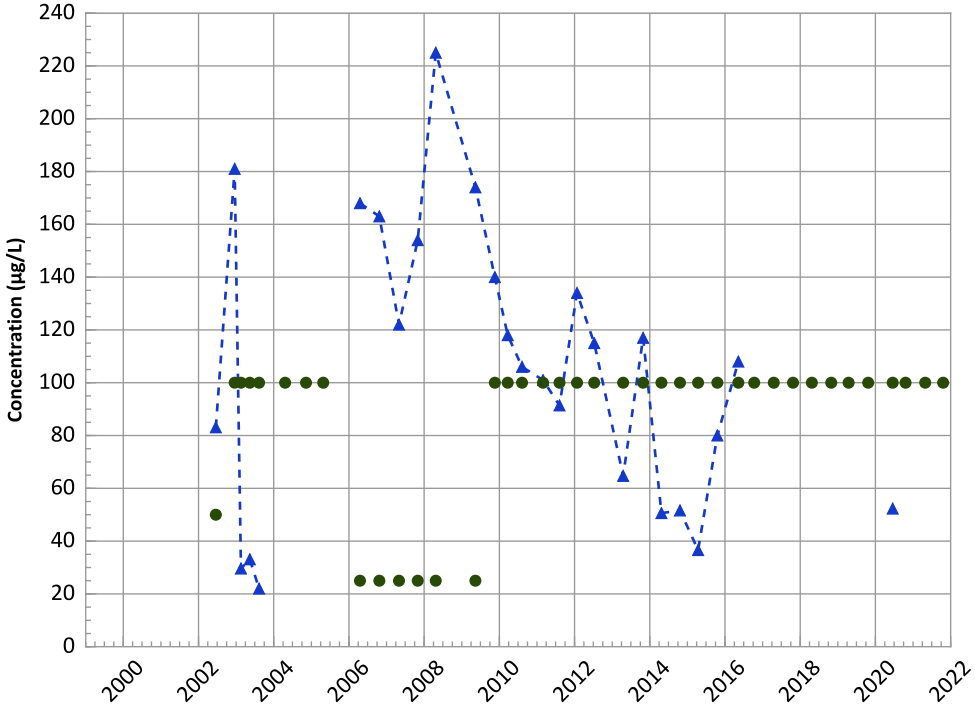


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Iron Trend



Concentration Trend

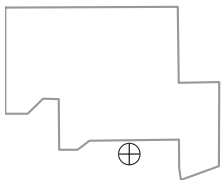
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

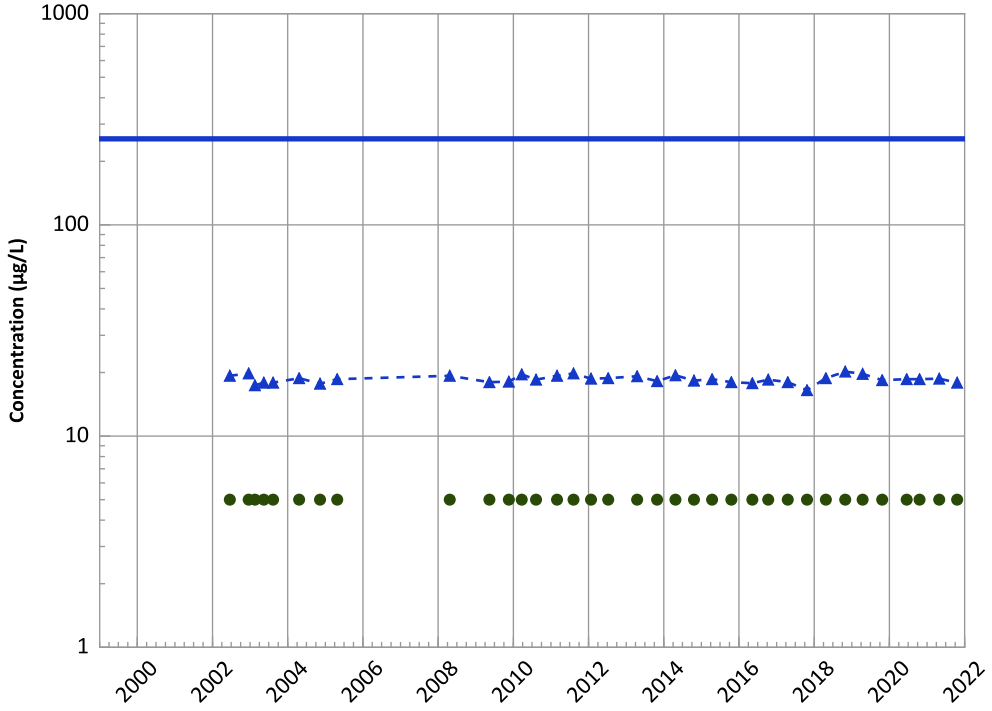
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1076 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Vanadium Trend



Concentration Trend

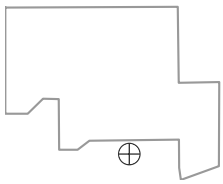
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

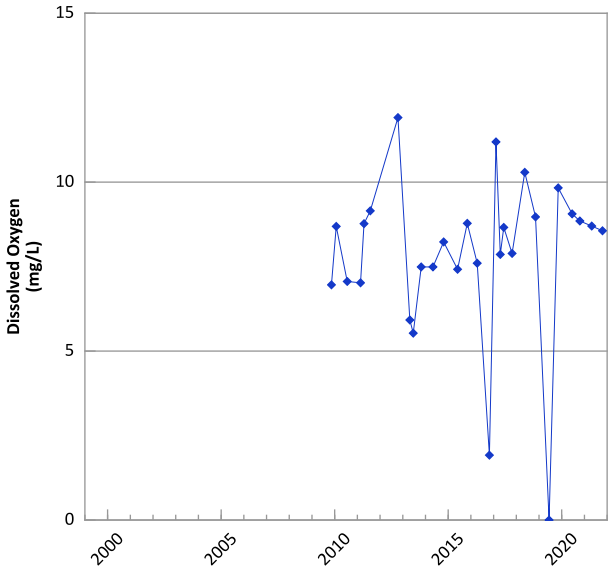
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/18/2002 to 10/20/2021
Analysis Date: 04/29/2022

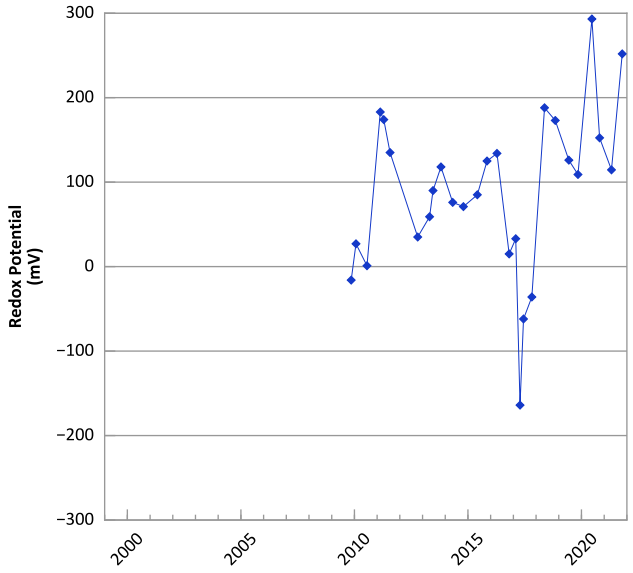
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

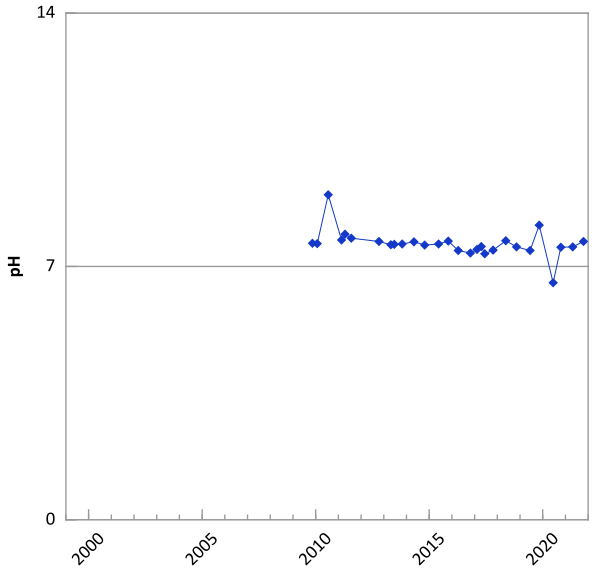
Well Location

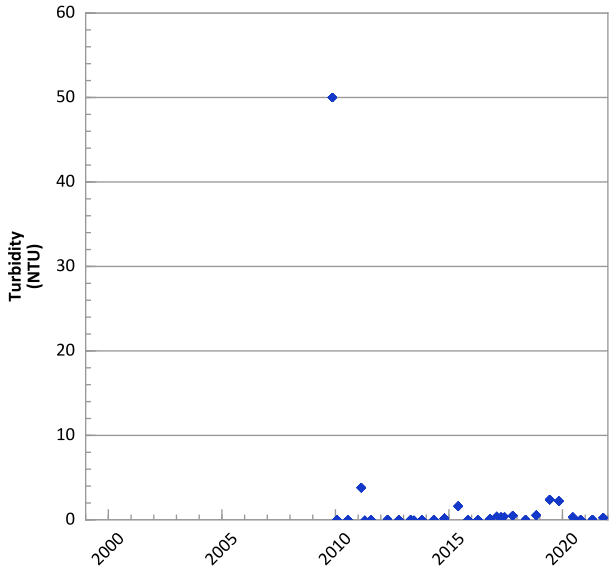


PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



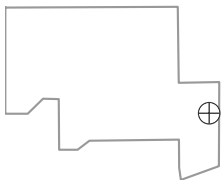






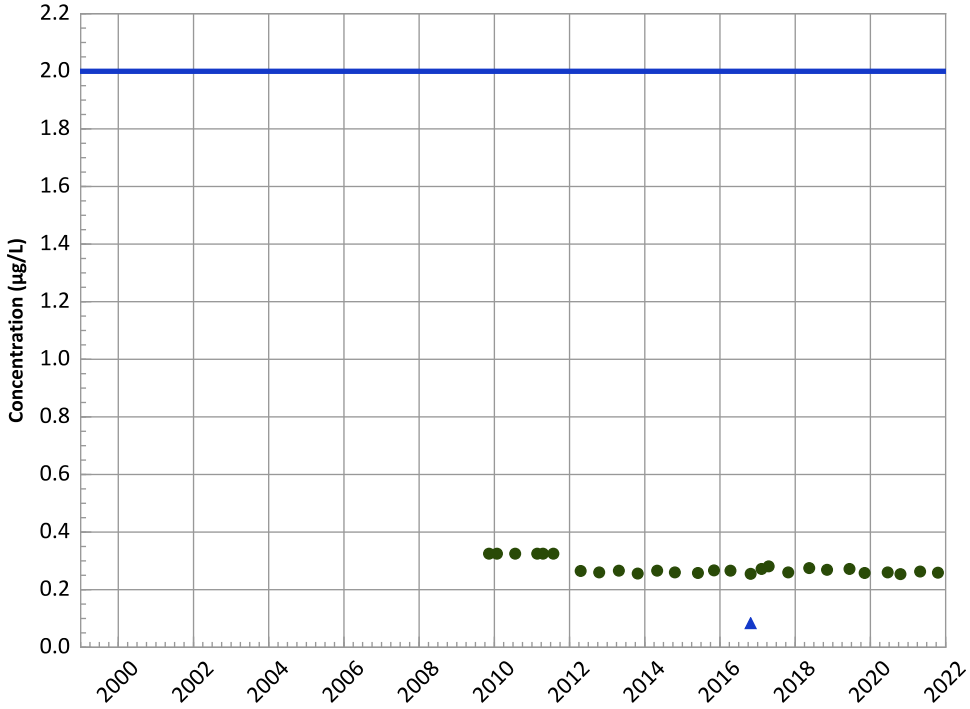
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

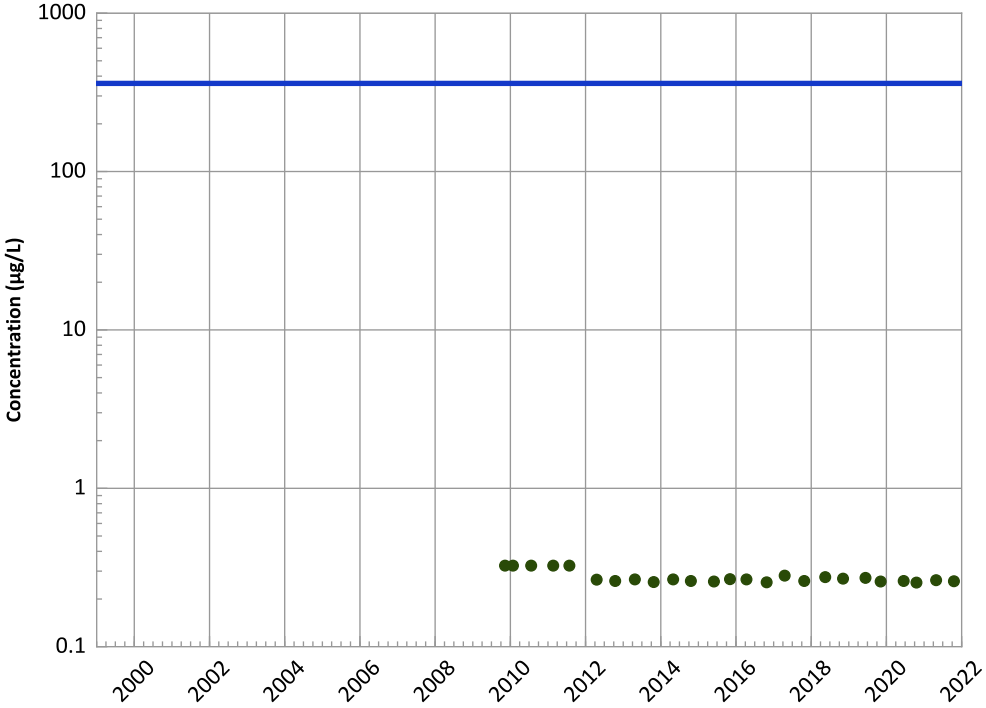


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

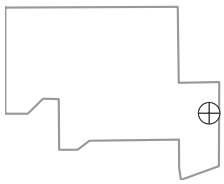
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

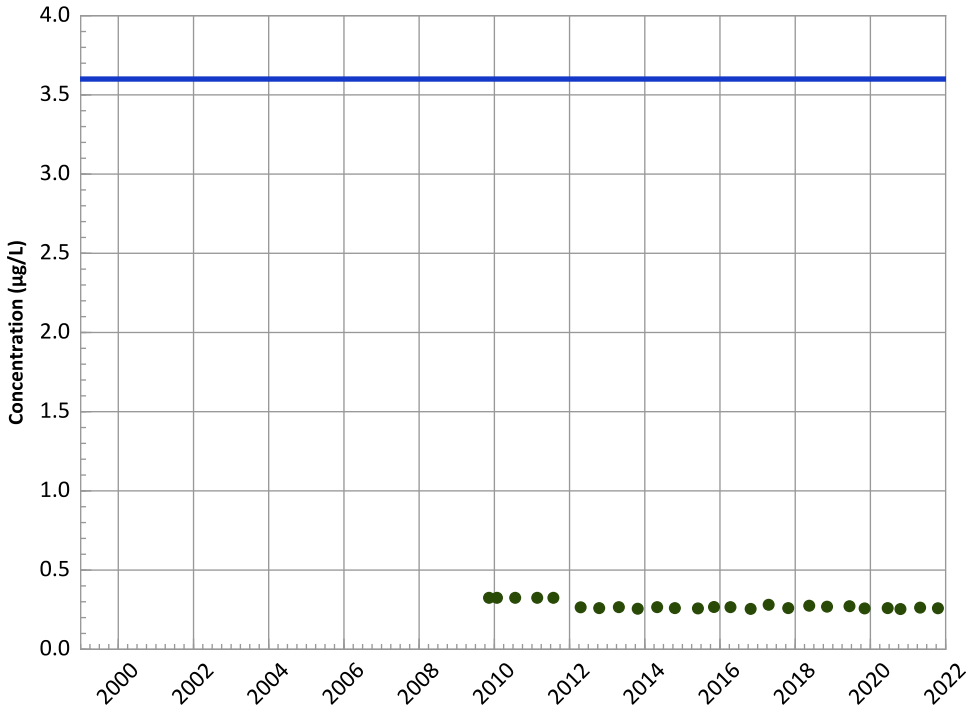
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

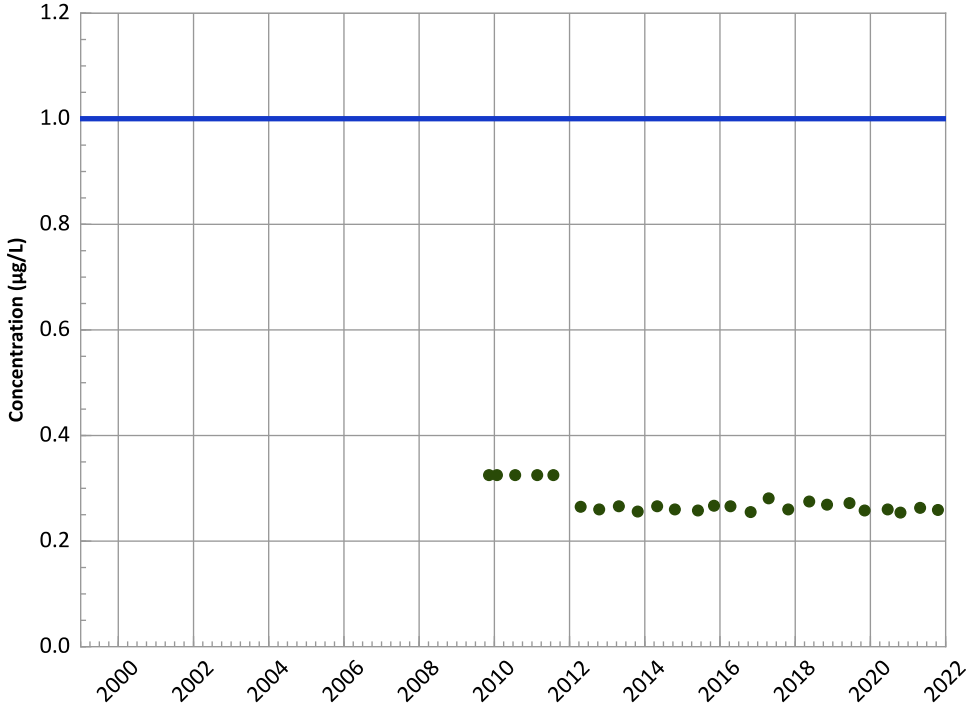


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

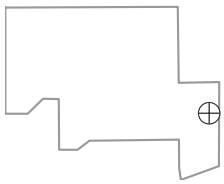
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

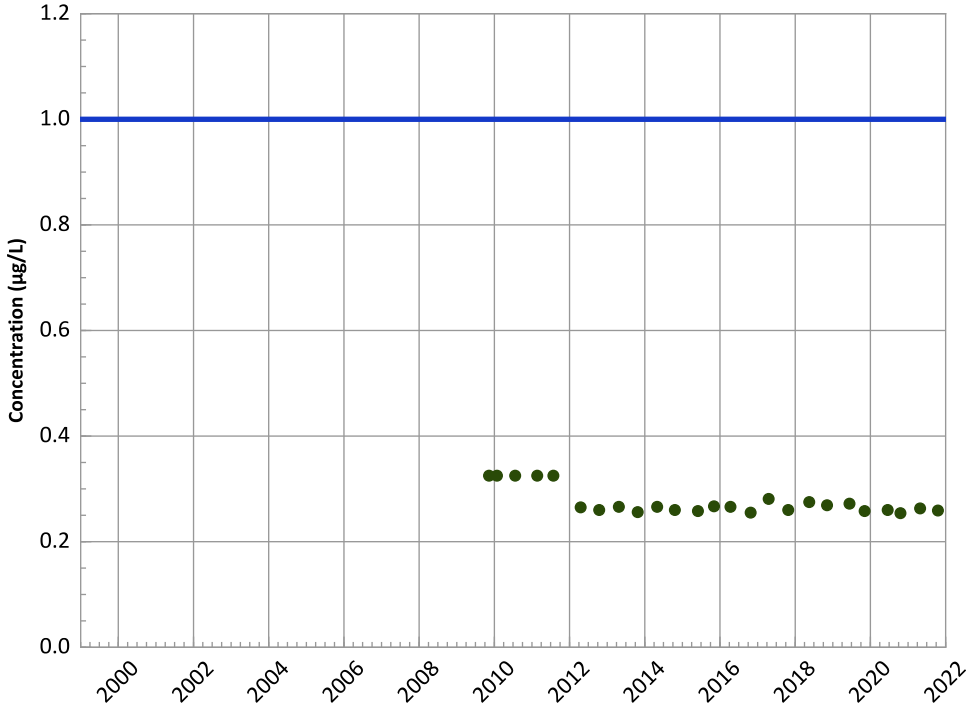
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

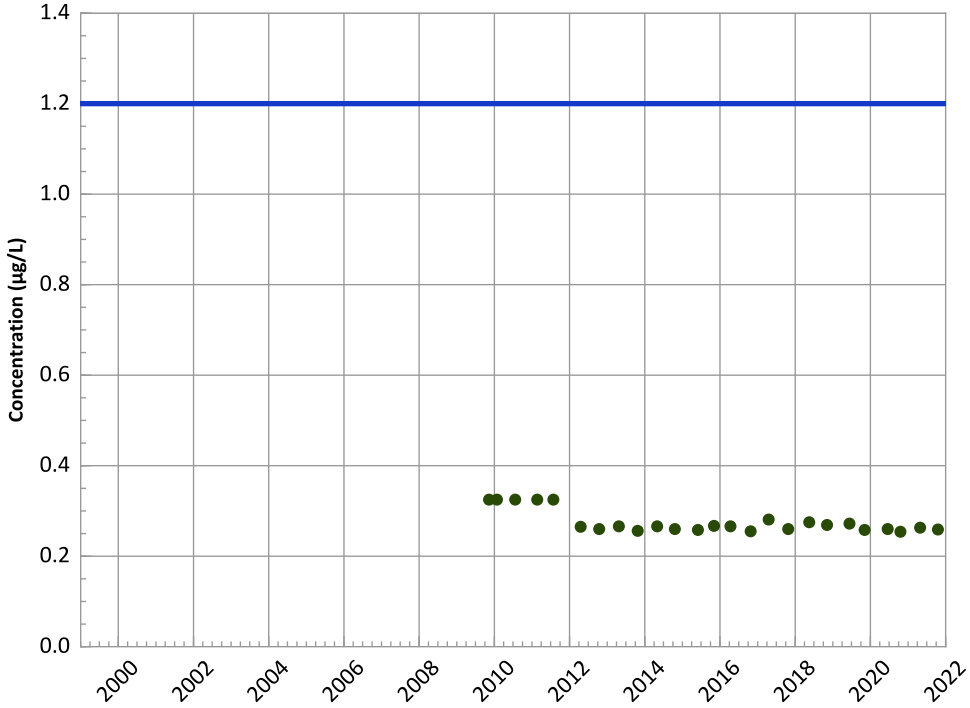


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

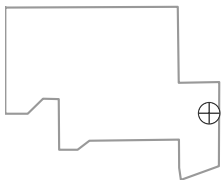


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

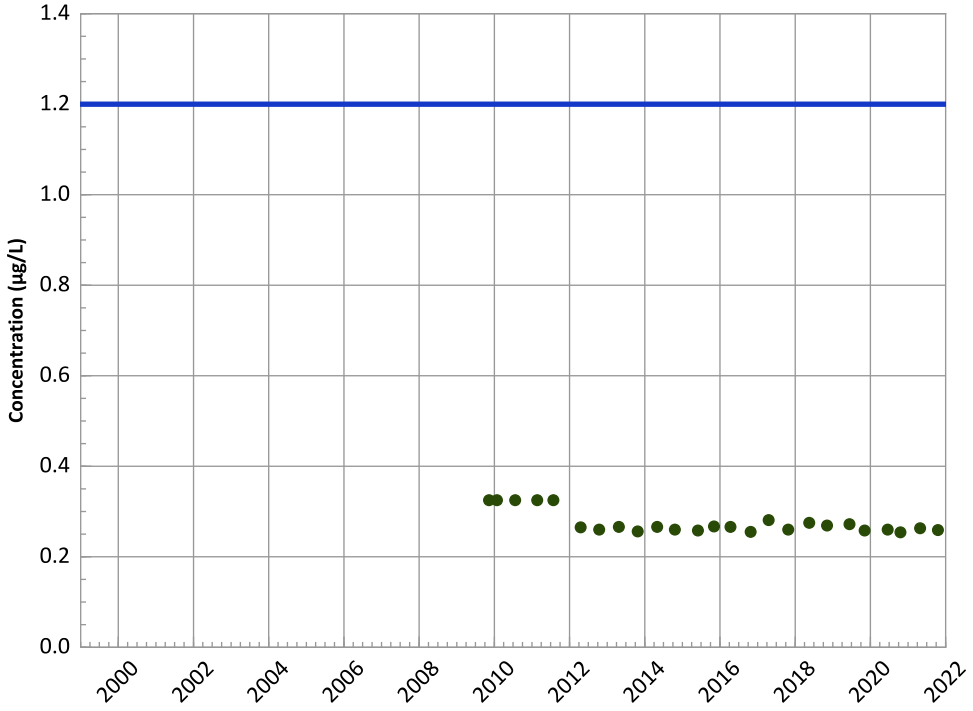


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

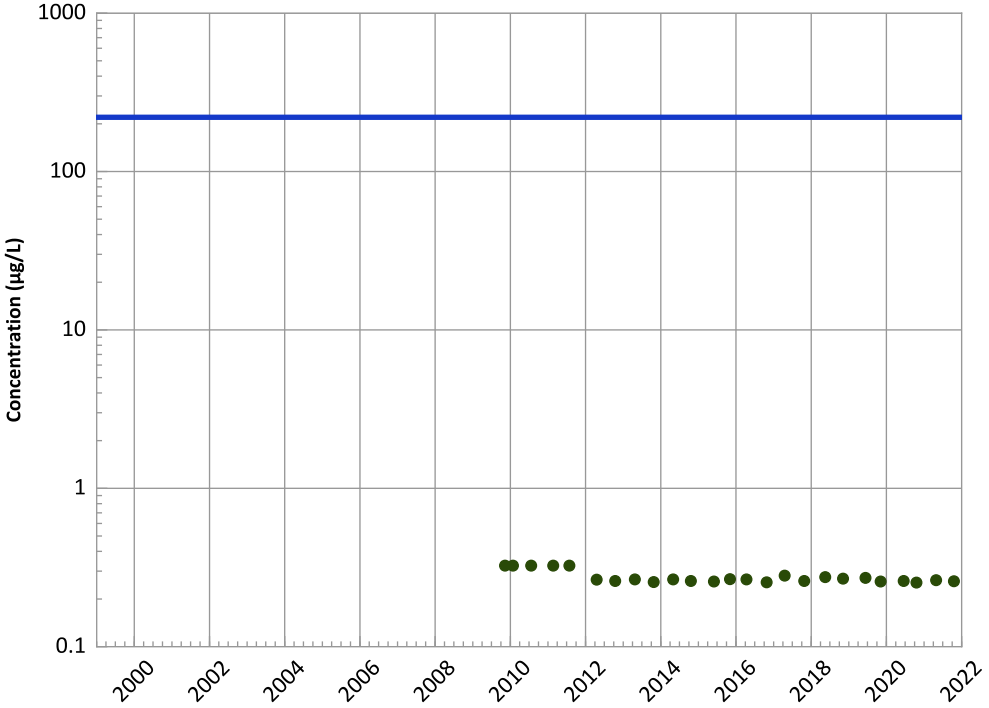


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

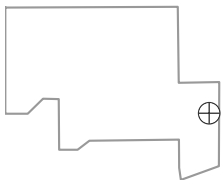
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

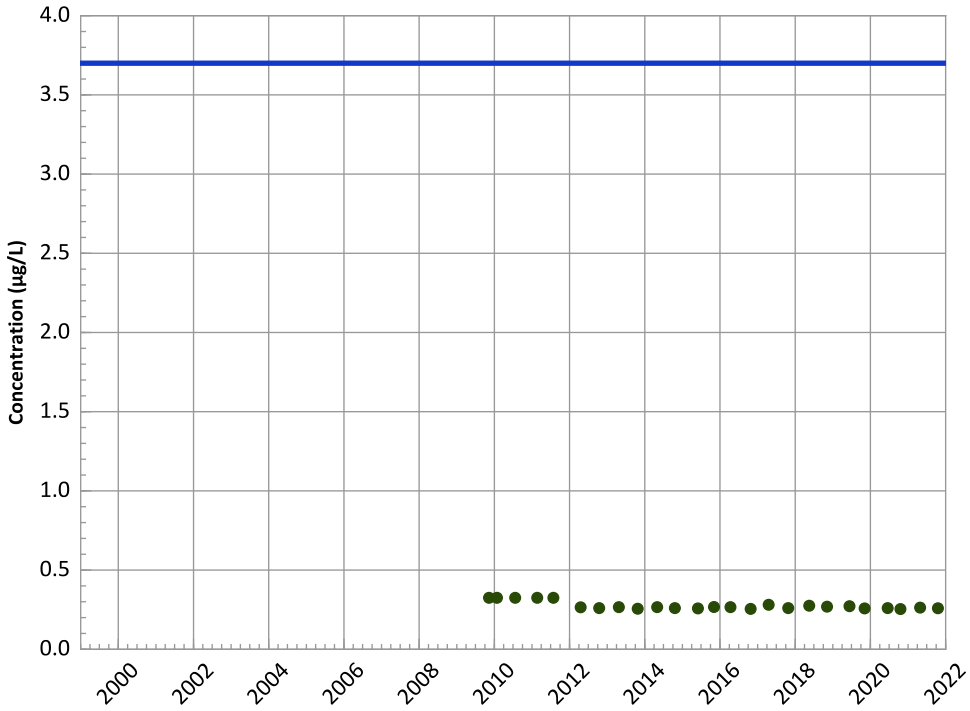
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

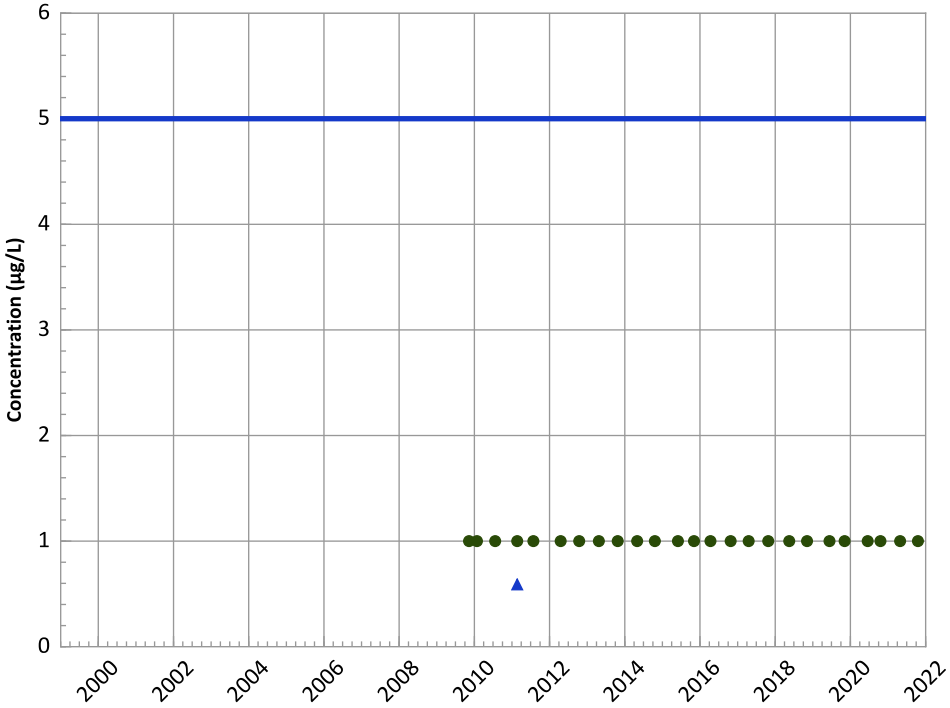


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

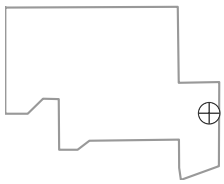
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

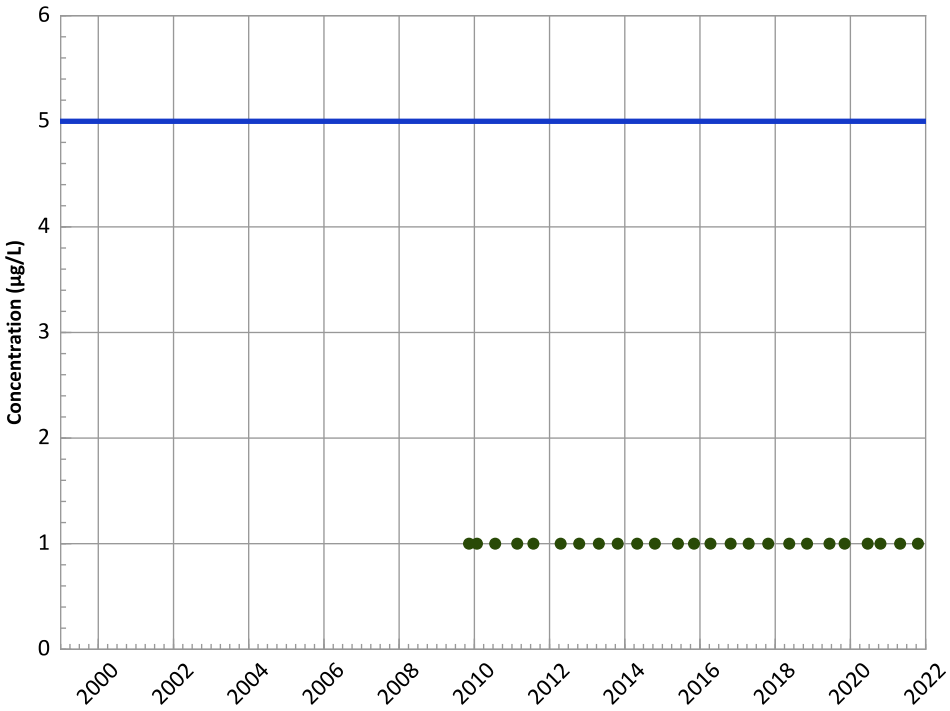
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

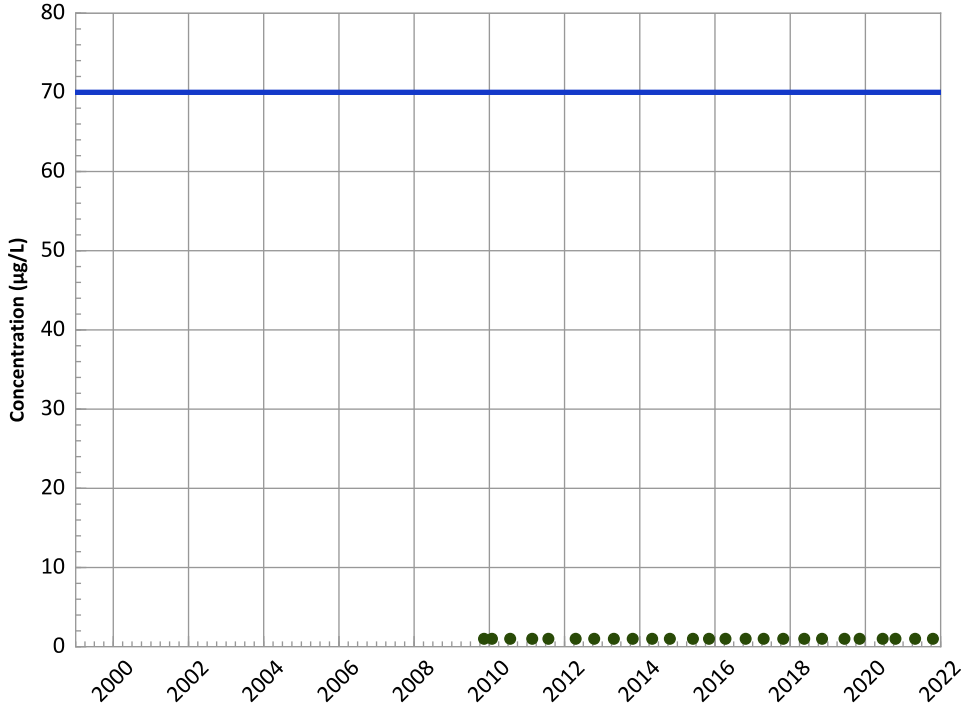


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

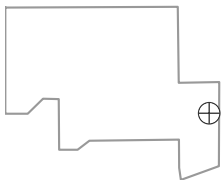
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

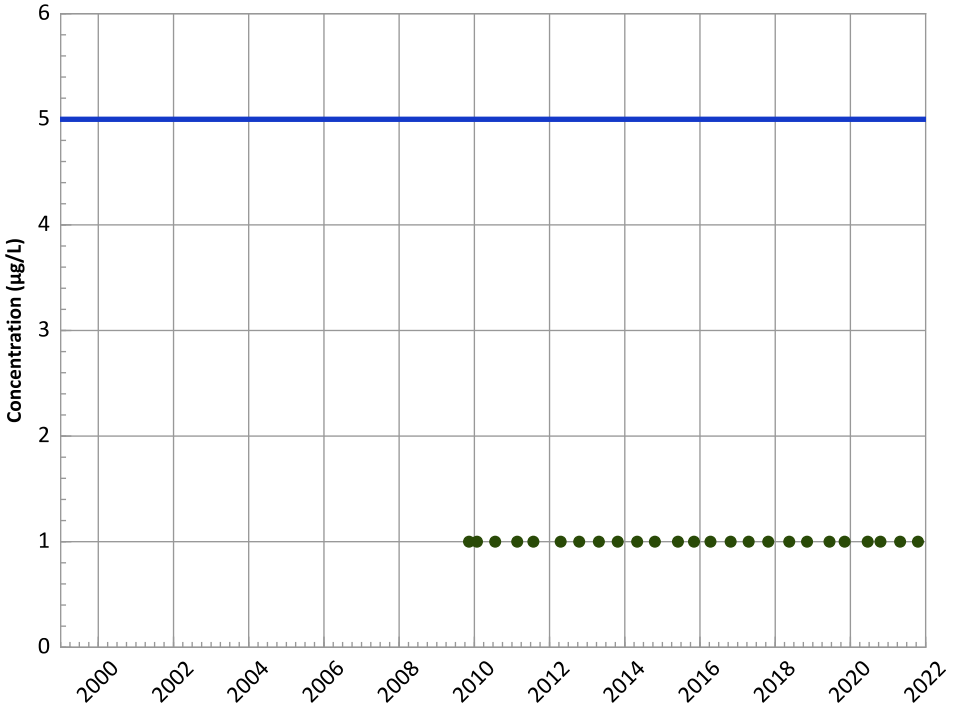
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

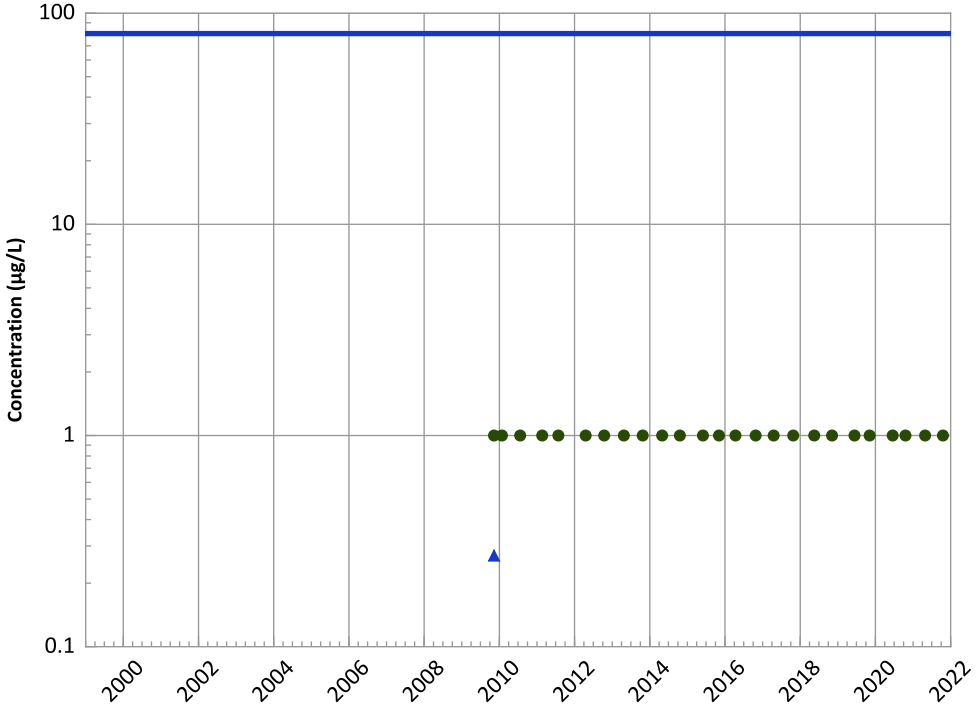


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend



Concentration Trend

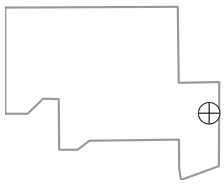
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

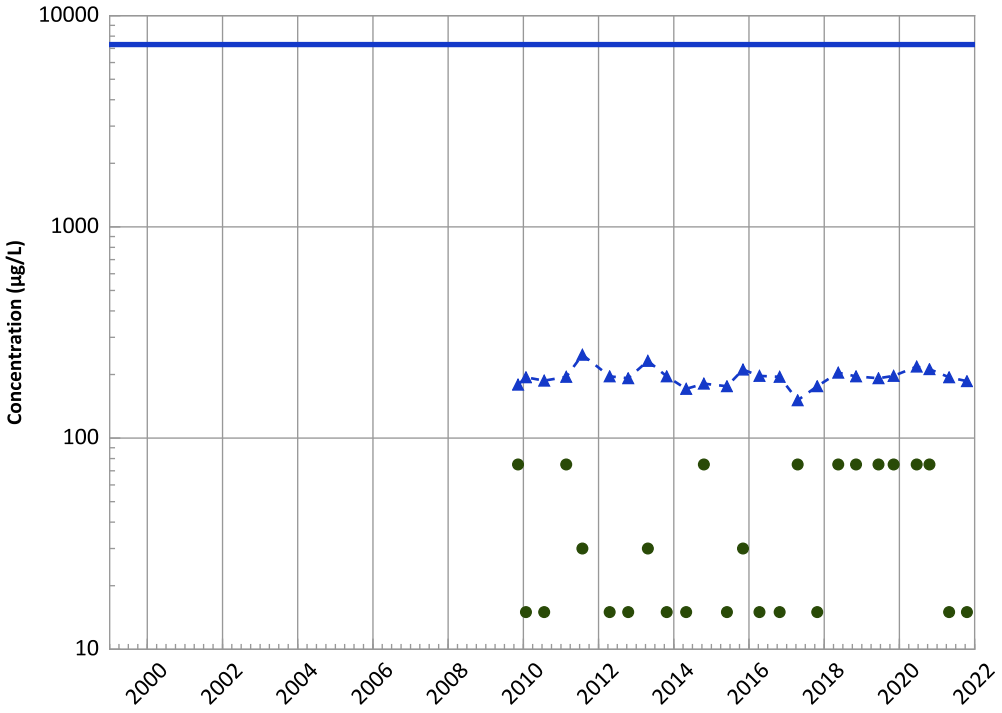
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

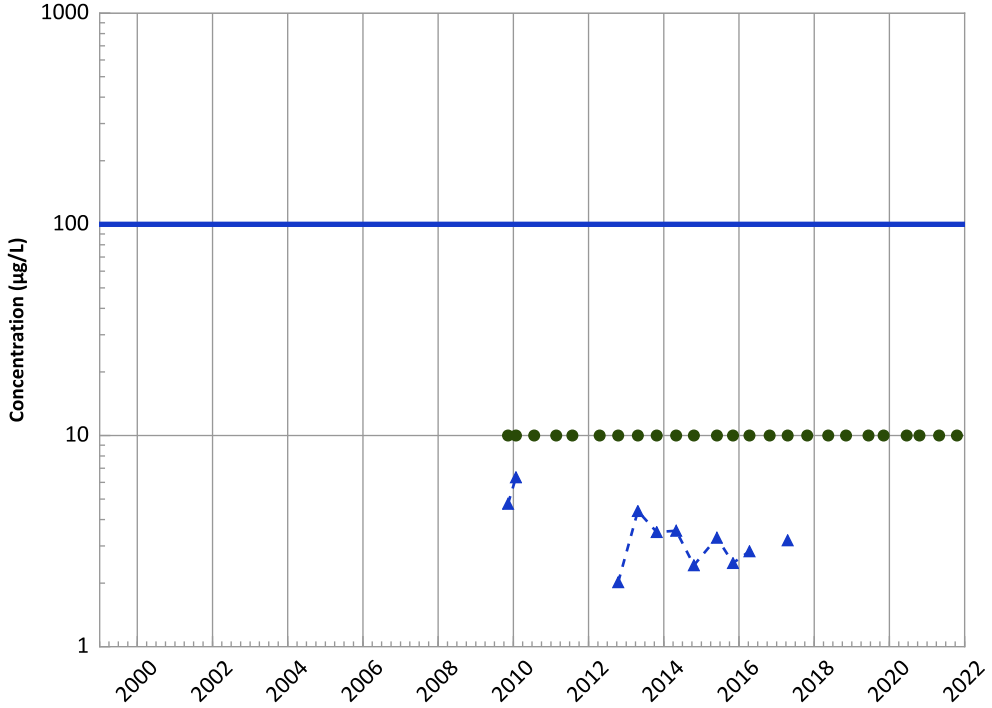


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Chromium, Total Trend



Concentration Trend

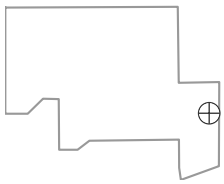
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

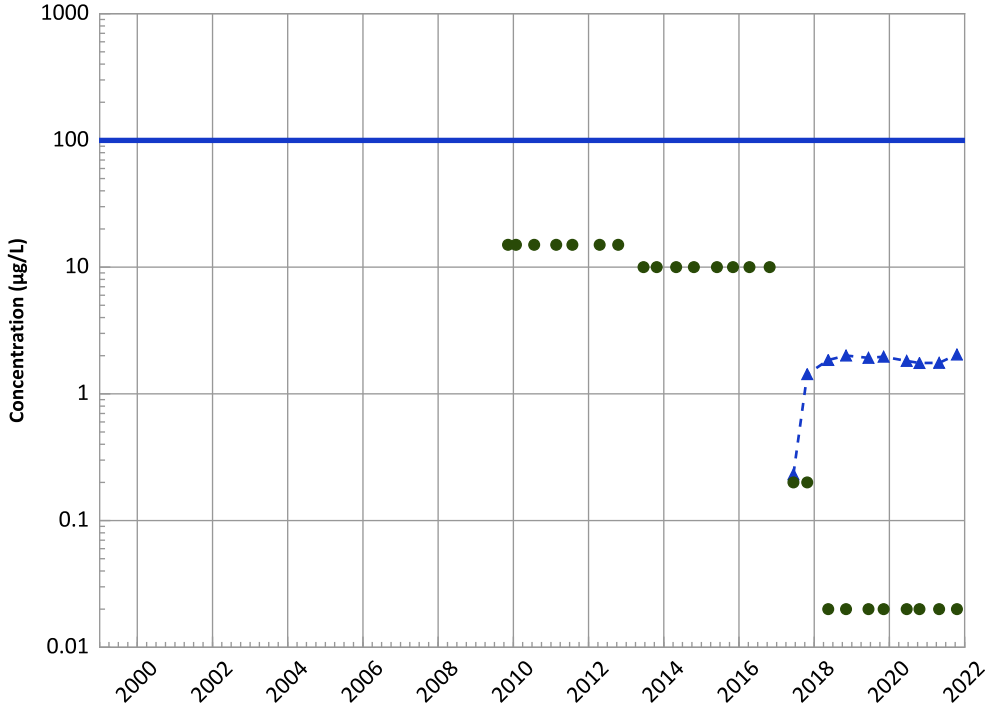
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

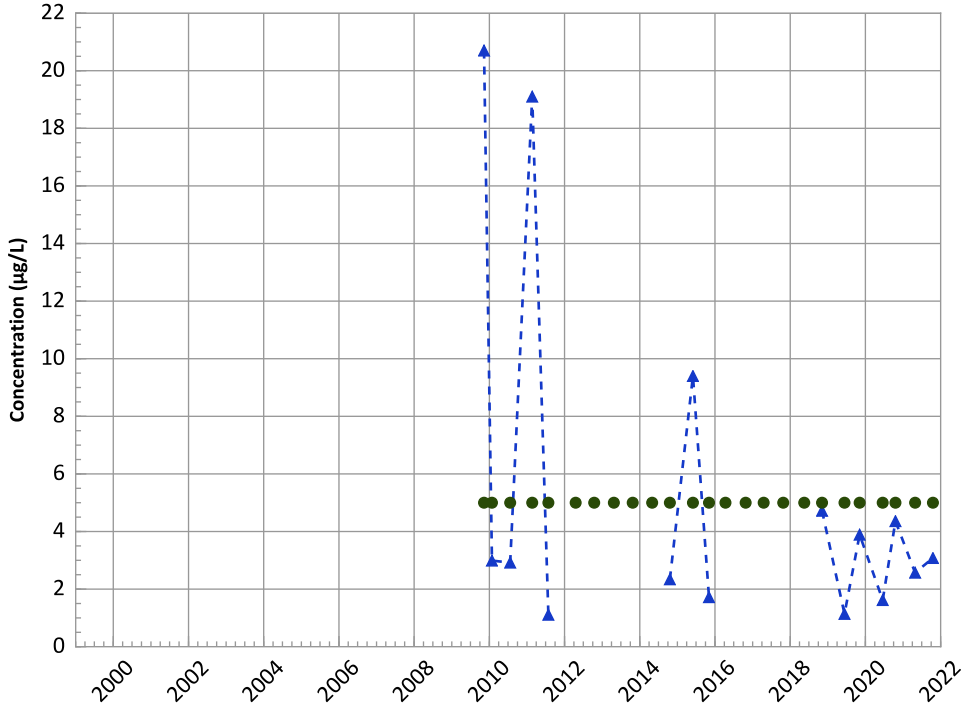


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

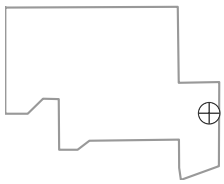
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

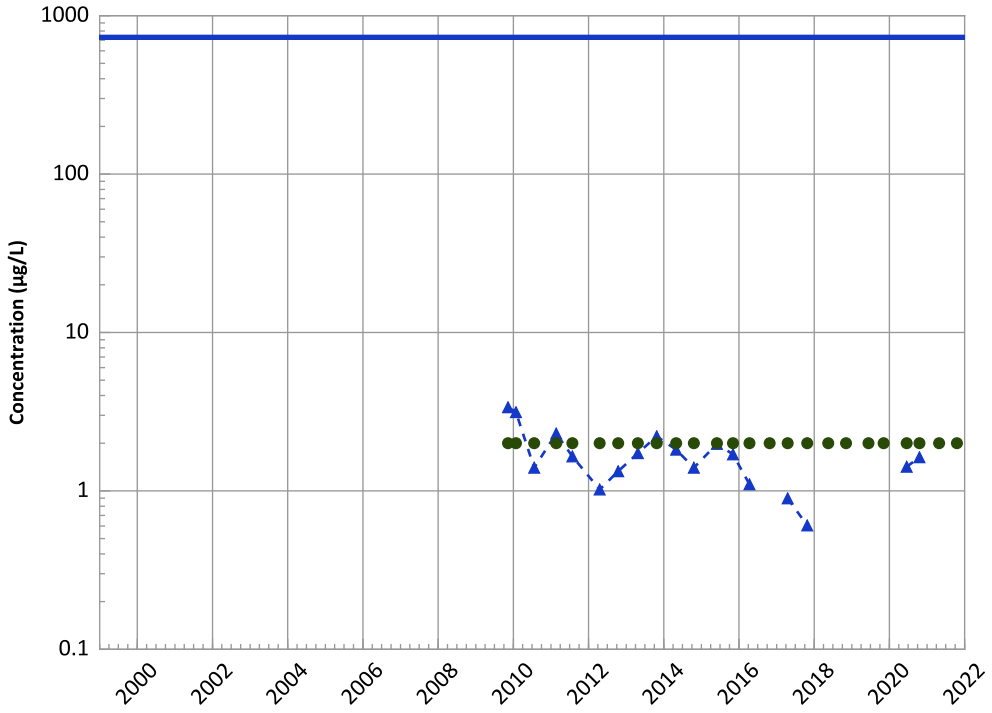
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

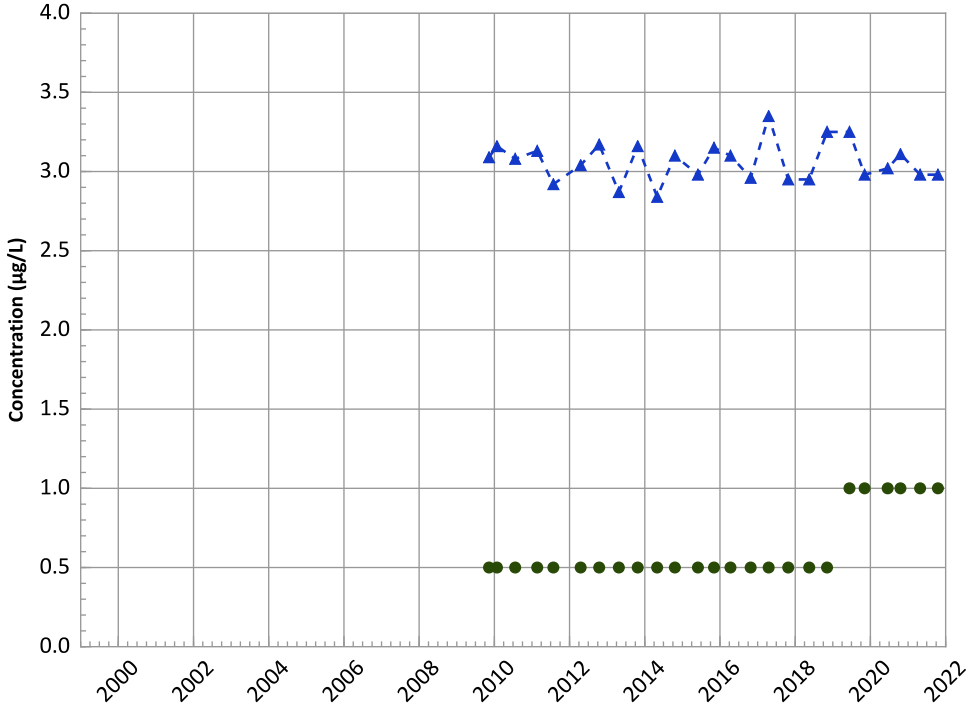


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Molybdenum Trend



Concentration Trend

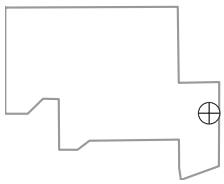
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

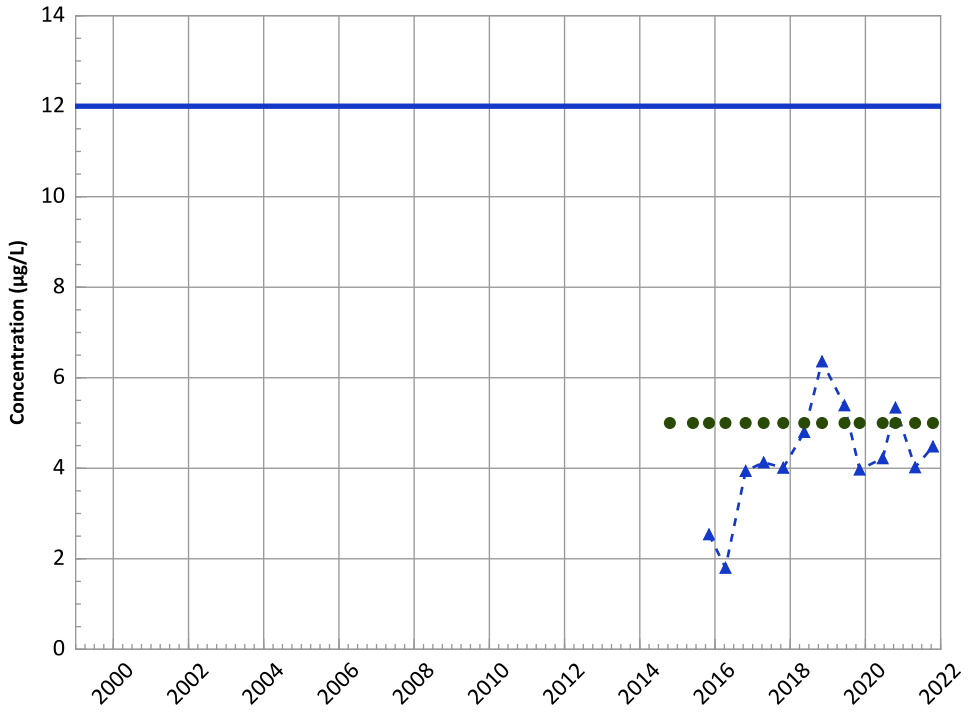
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

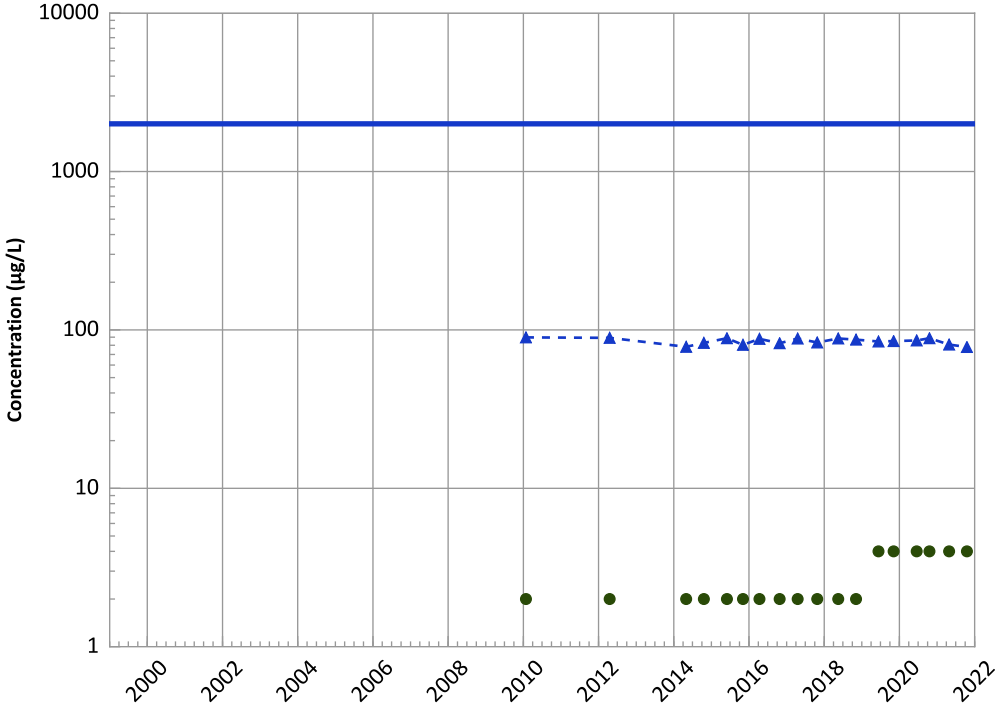


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Barium Trend

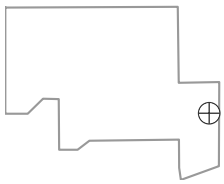


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Well Location

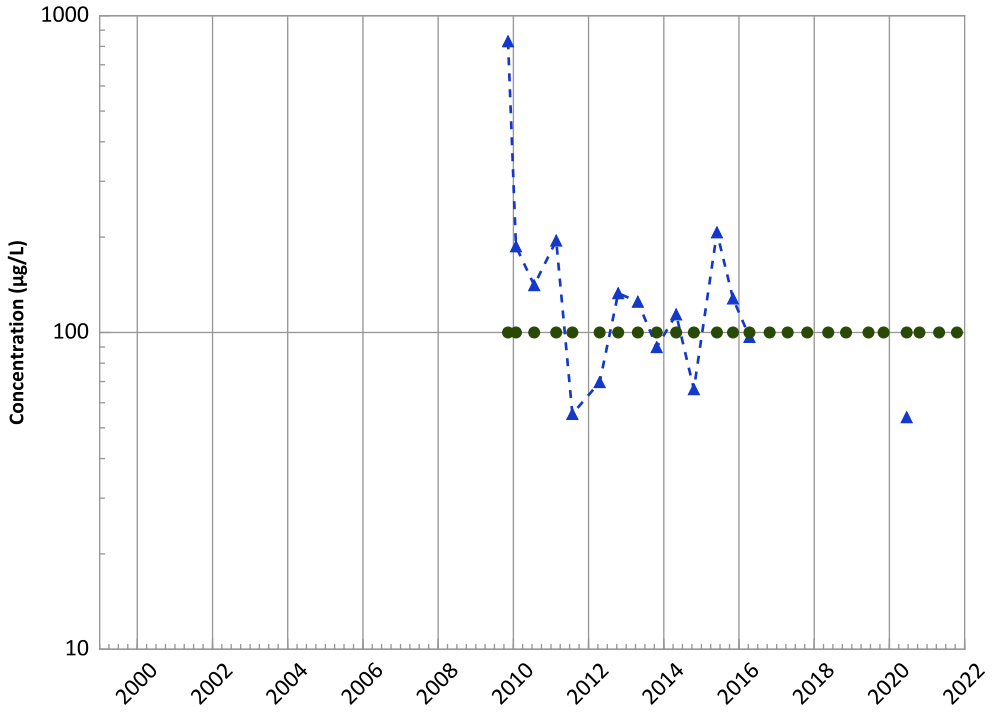


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1137A in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

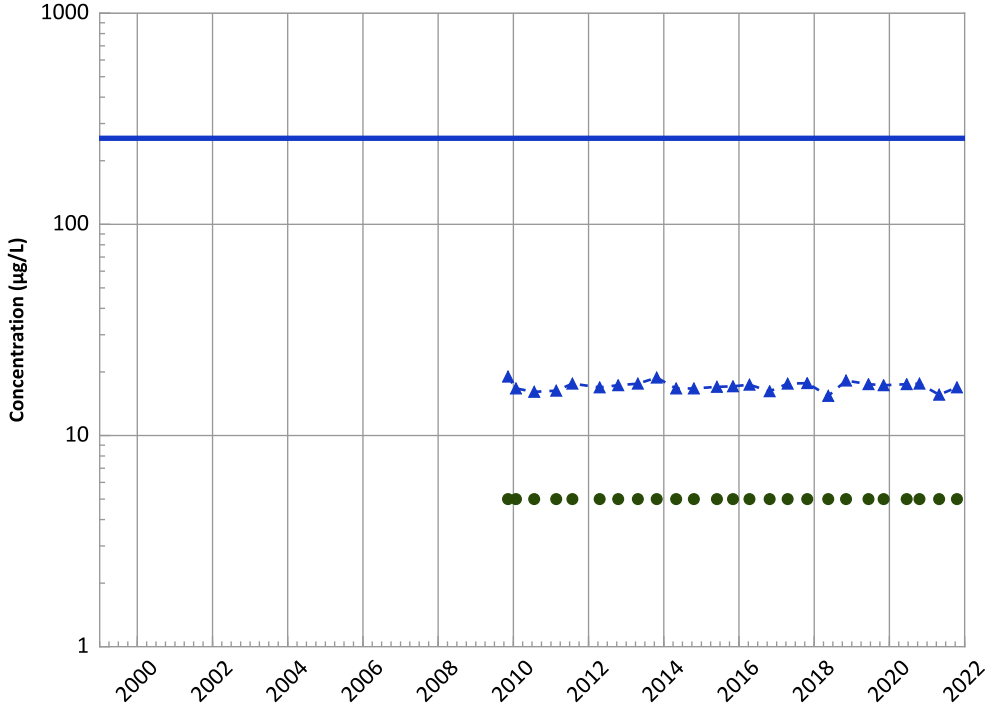


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Vanadium Trend



Concentration Trend

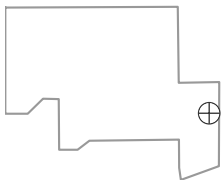
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

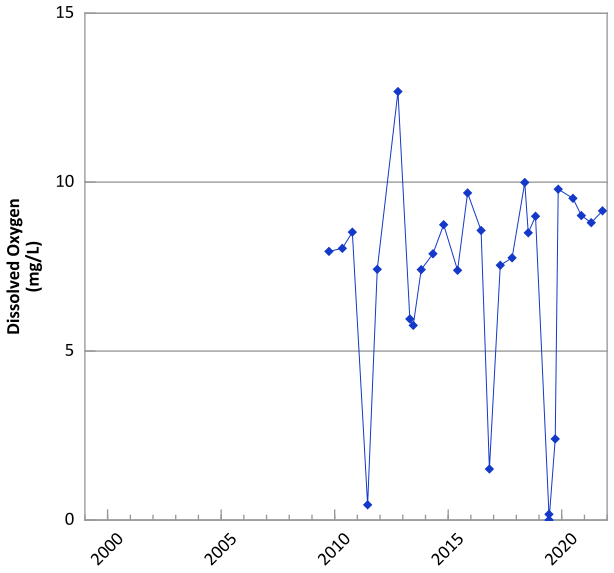
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/10/2009 to 10/18/2021
Analysis Date: 04/29/2022

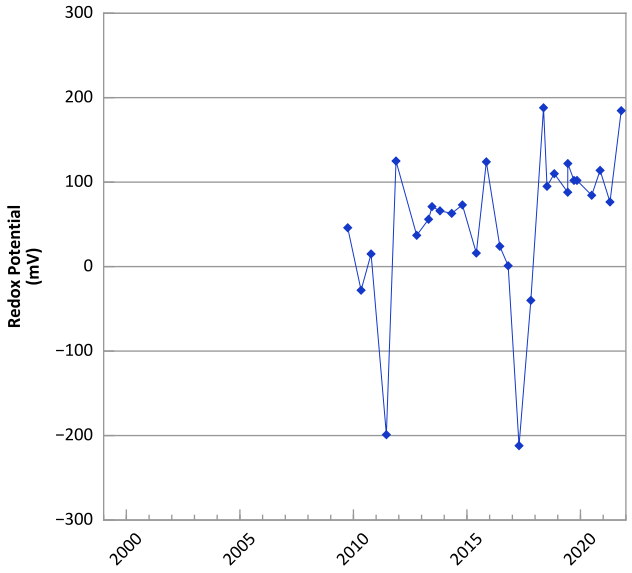
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

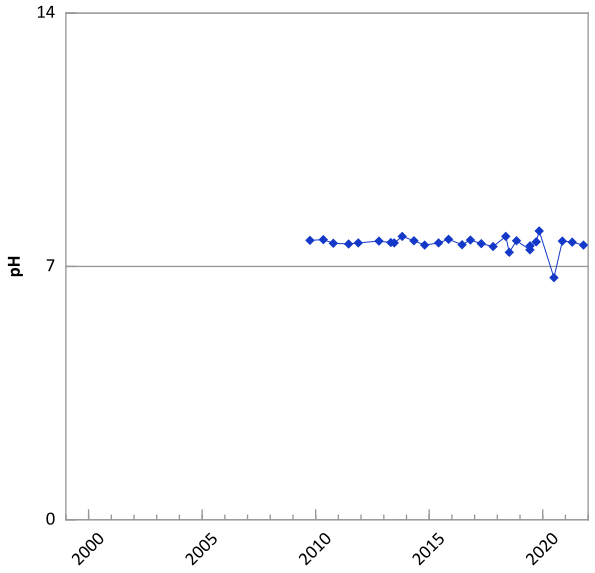
Well Location

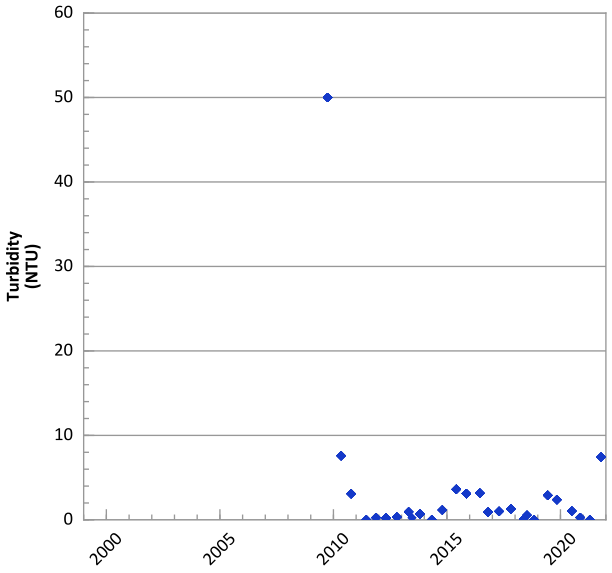


PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



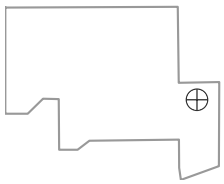






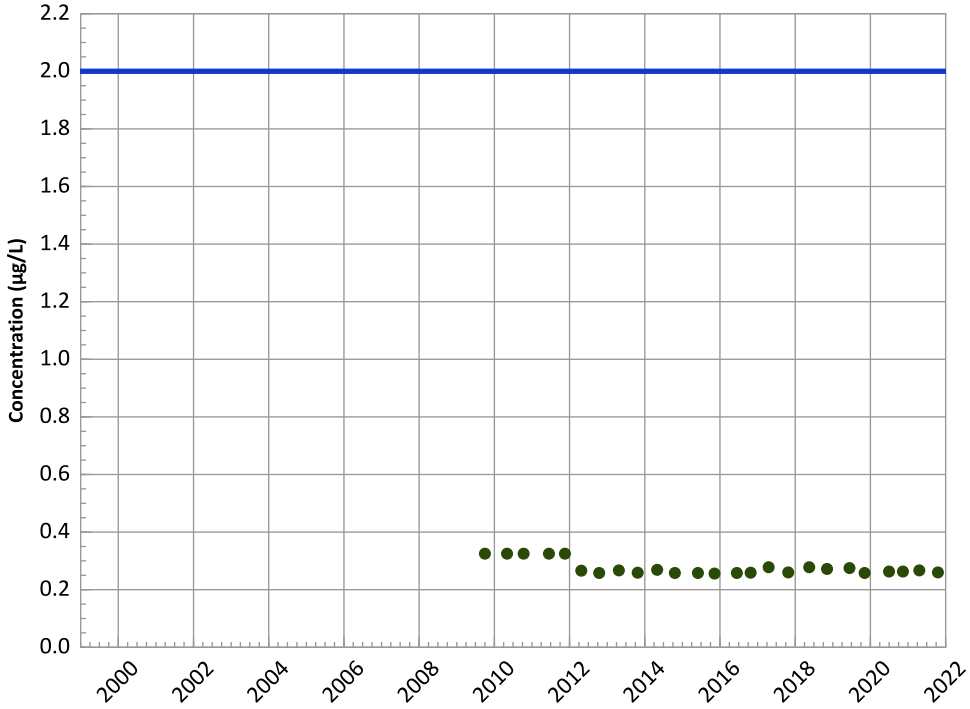
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

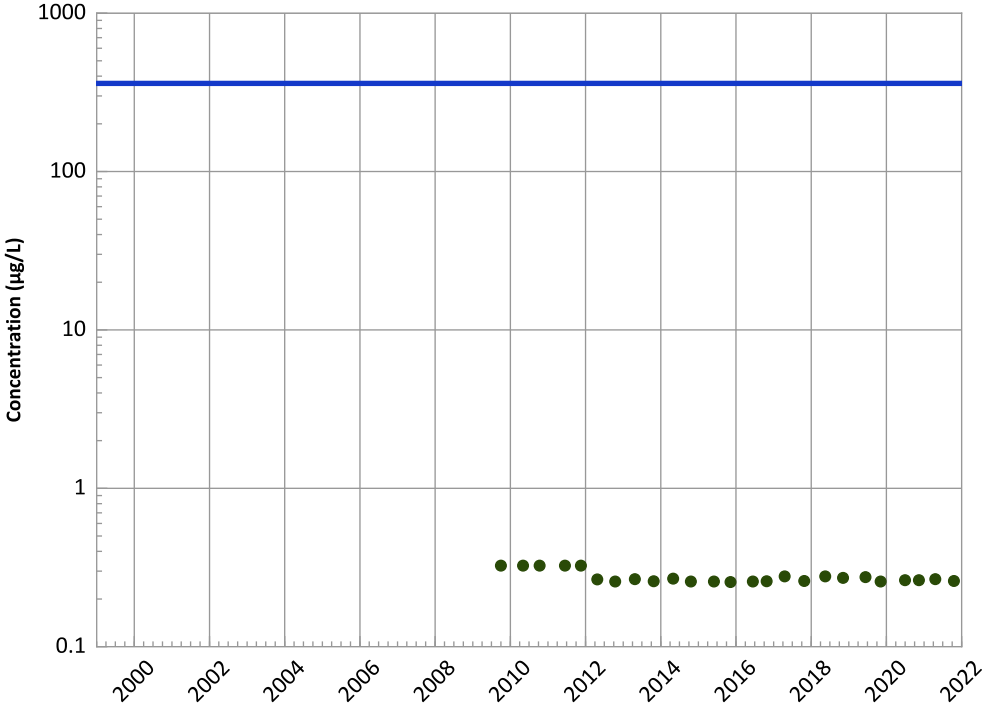


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

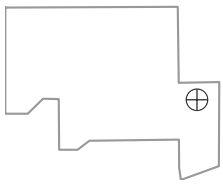
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

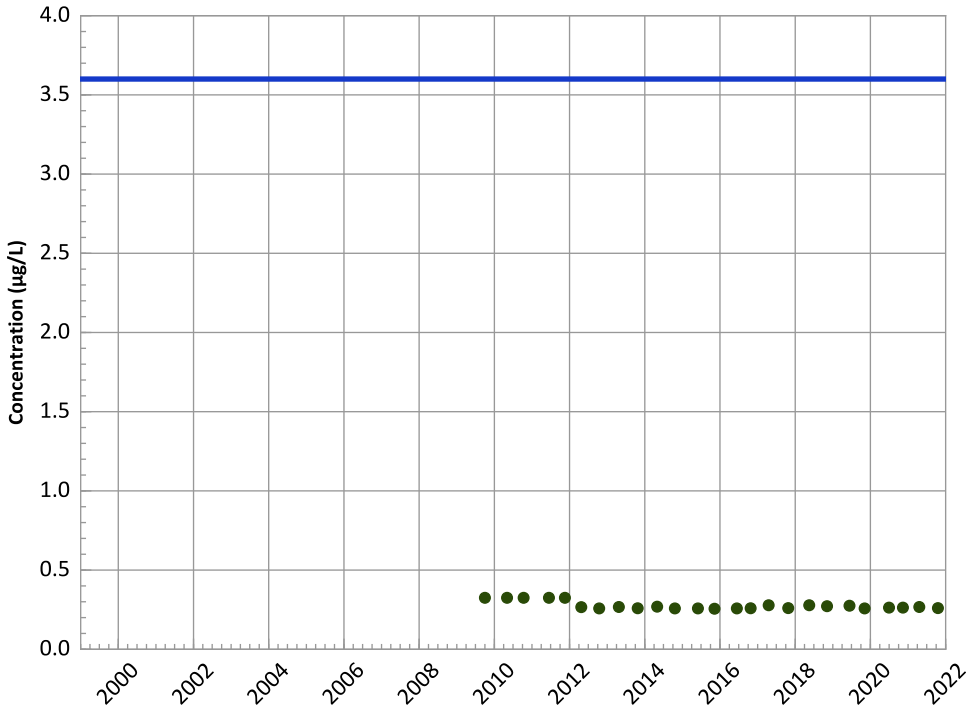
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

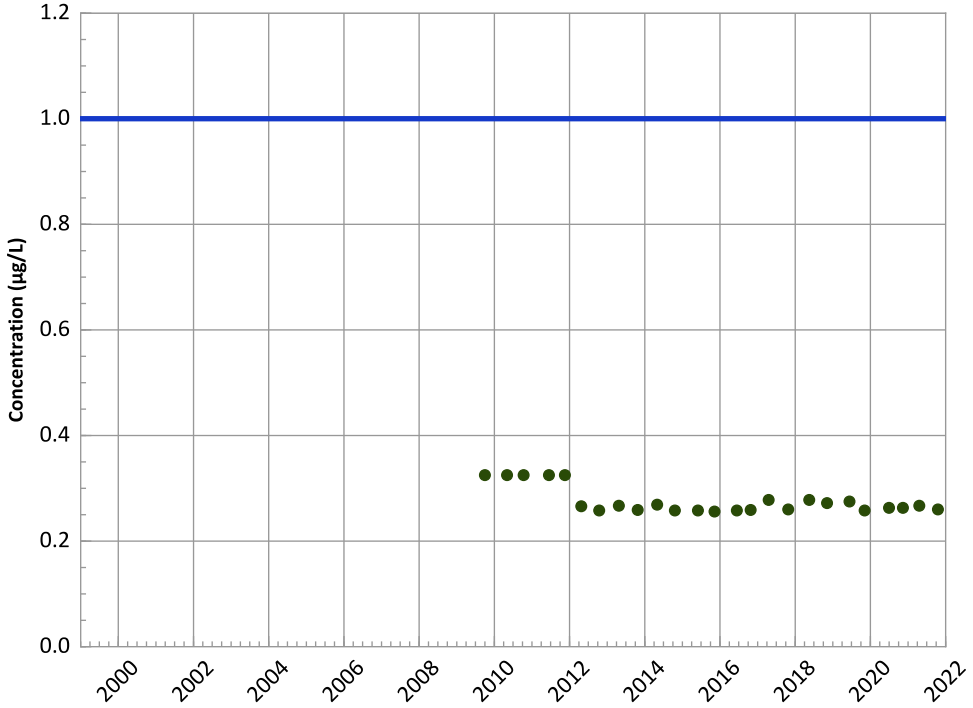


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

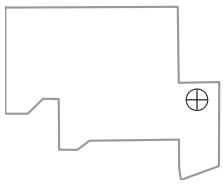
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

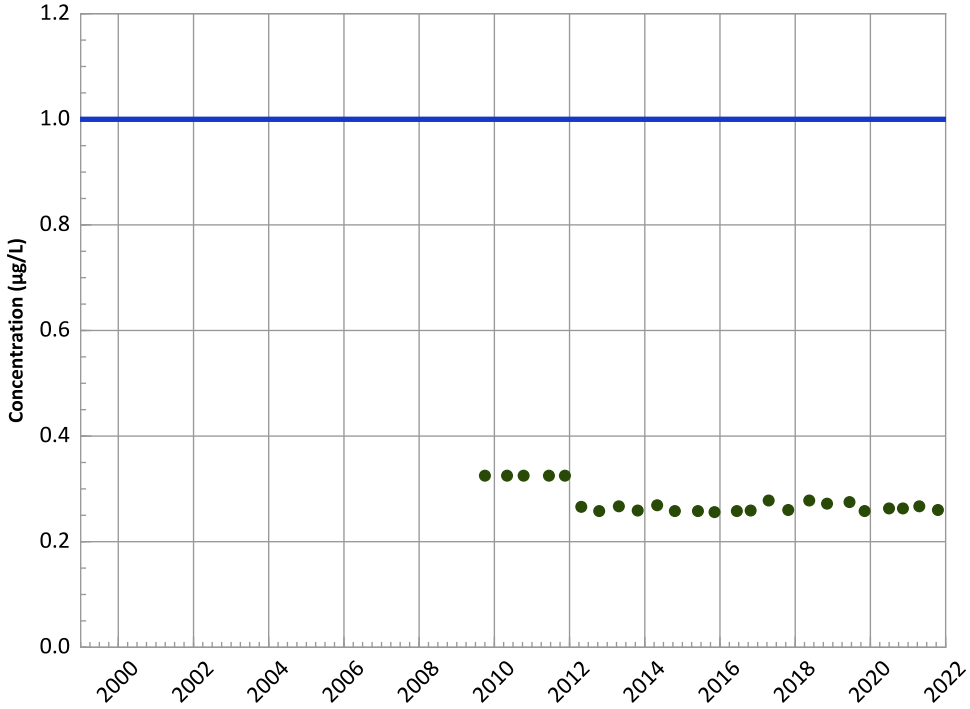
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

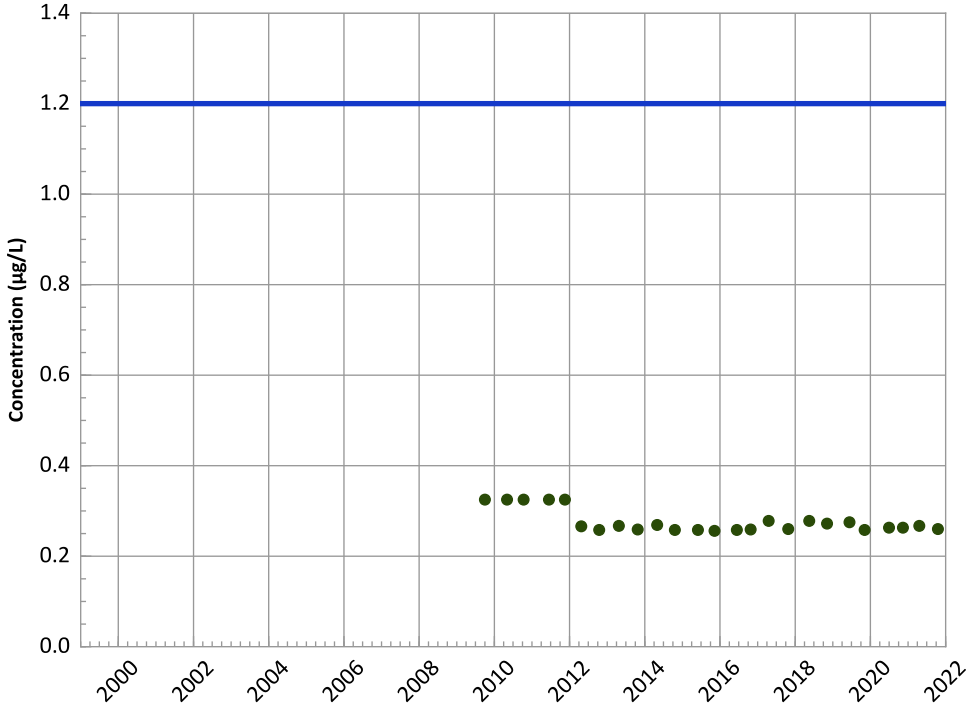


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

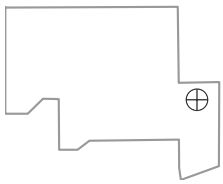


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

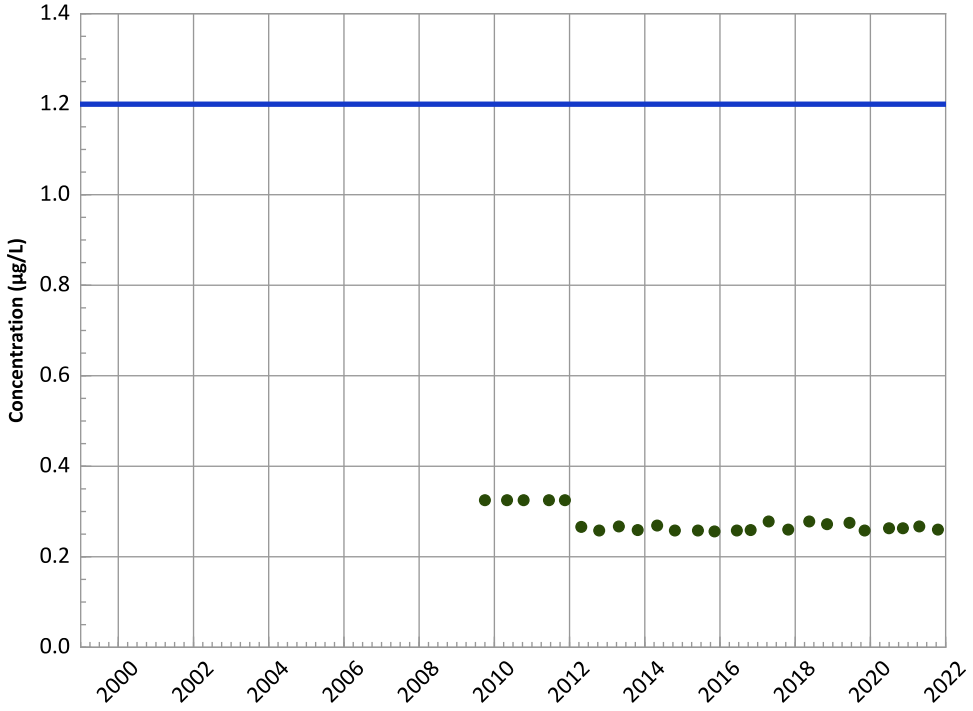


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

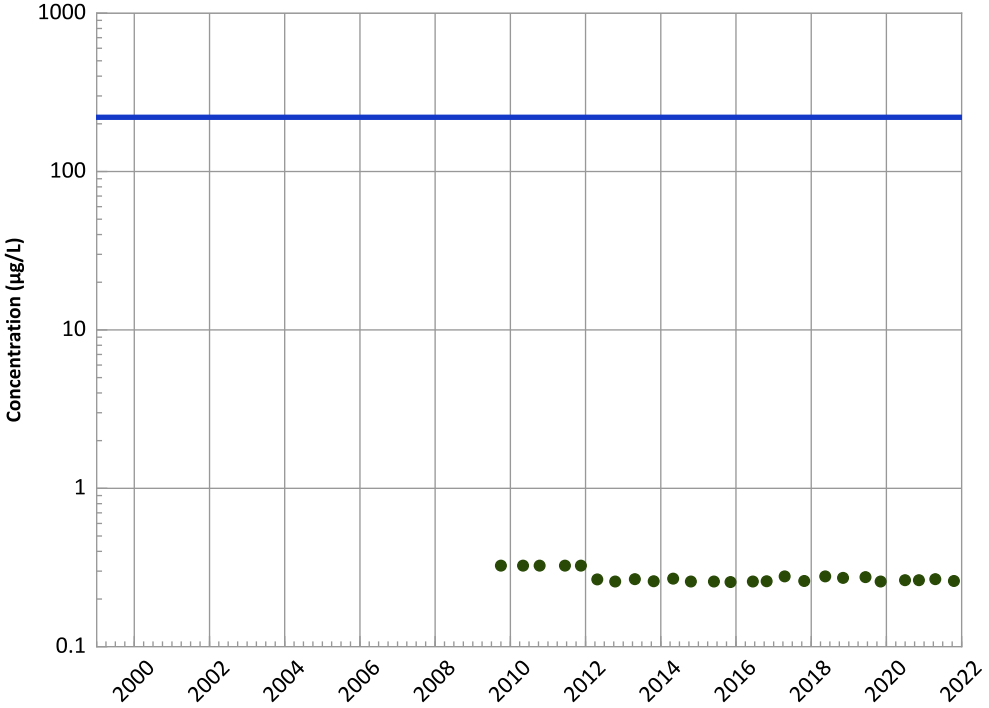


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

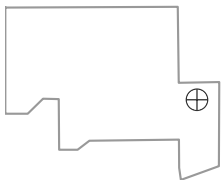
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

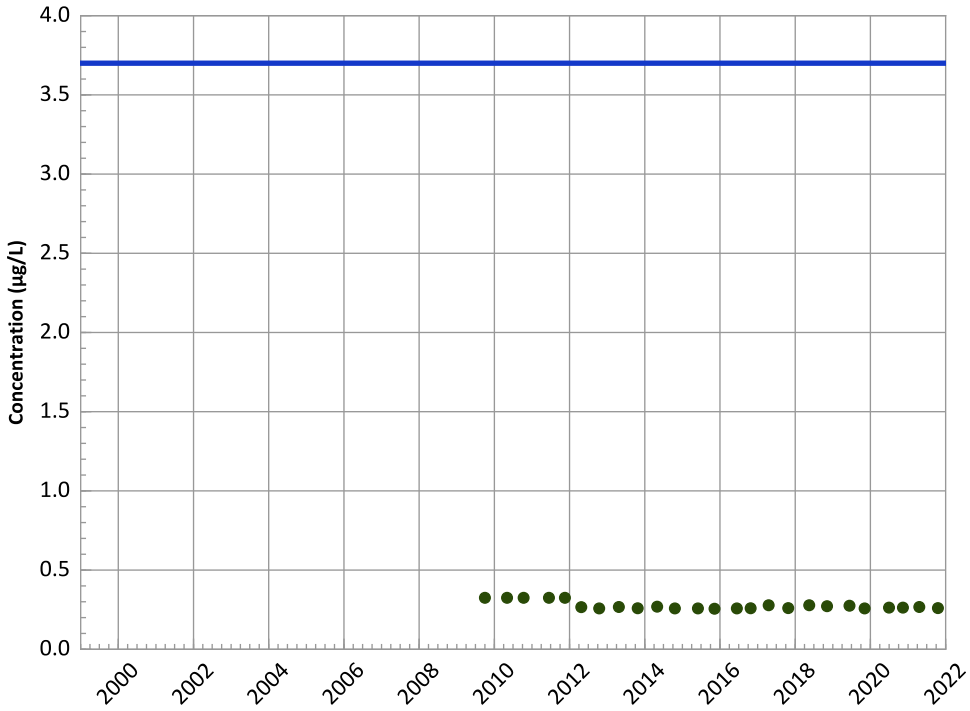
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

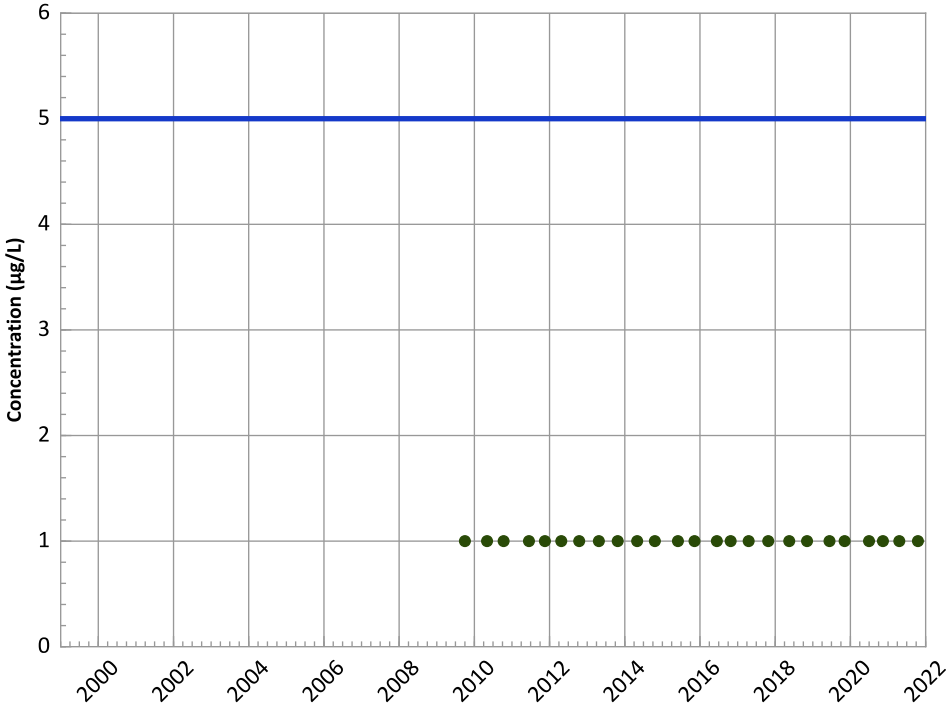


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

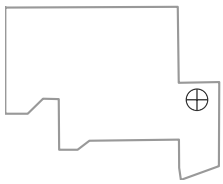
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

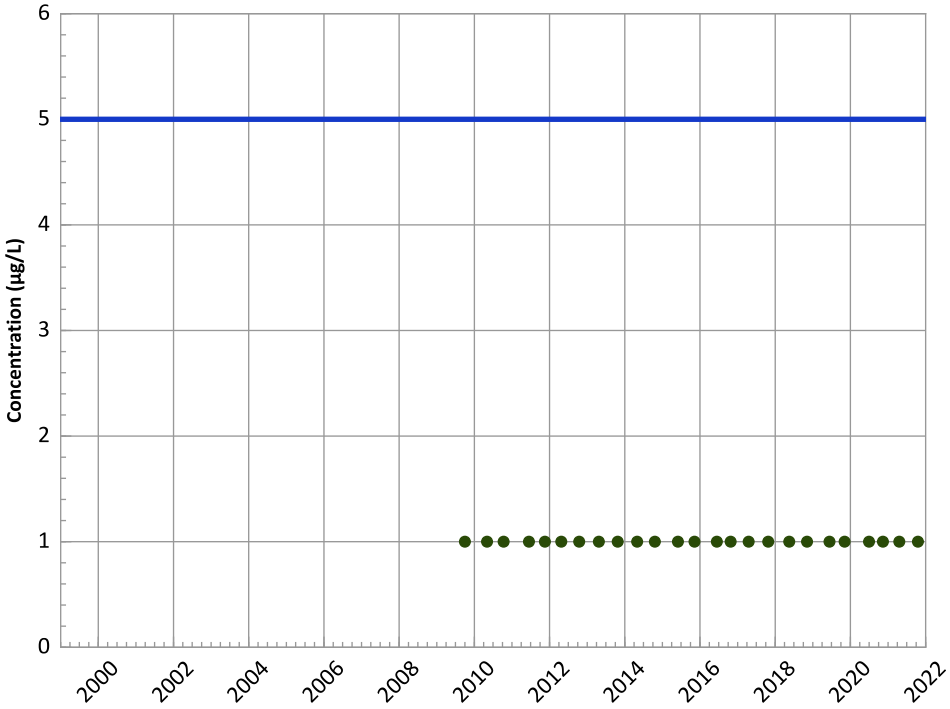
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

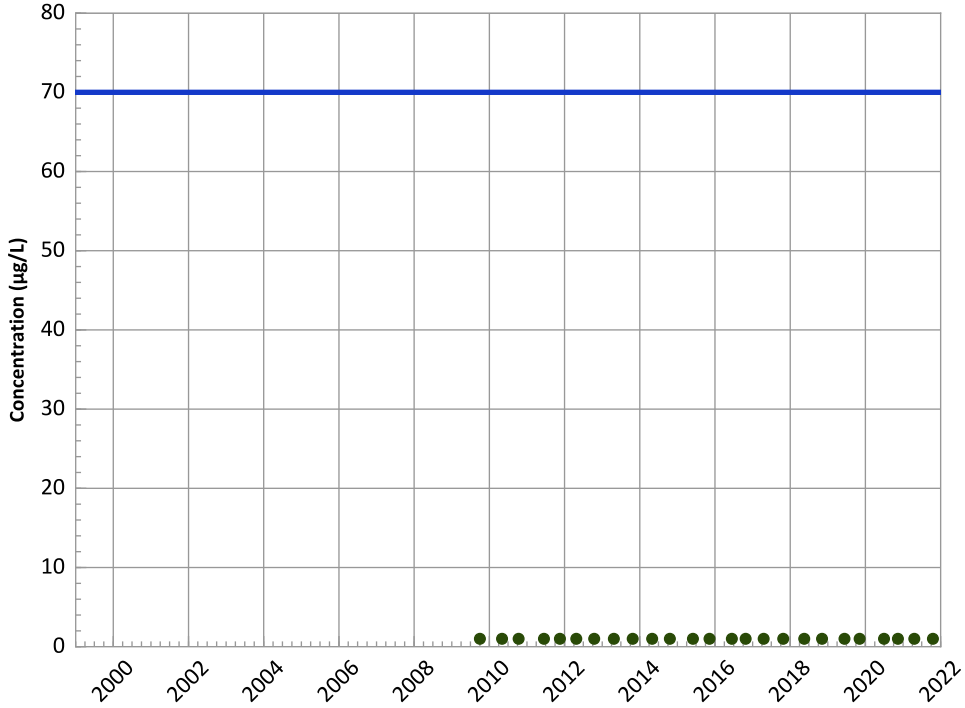


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

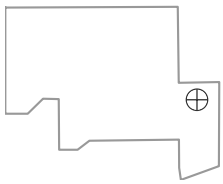
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

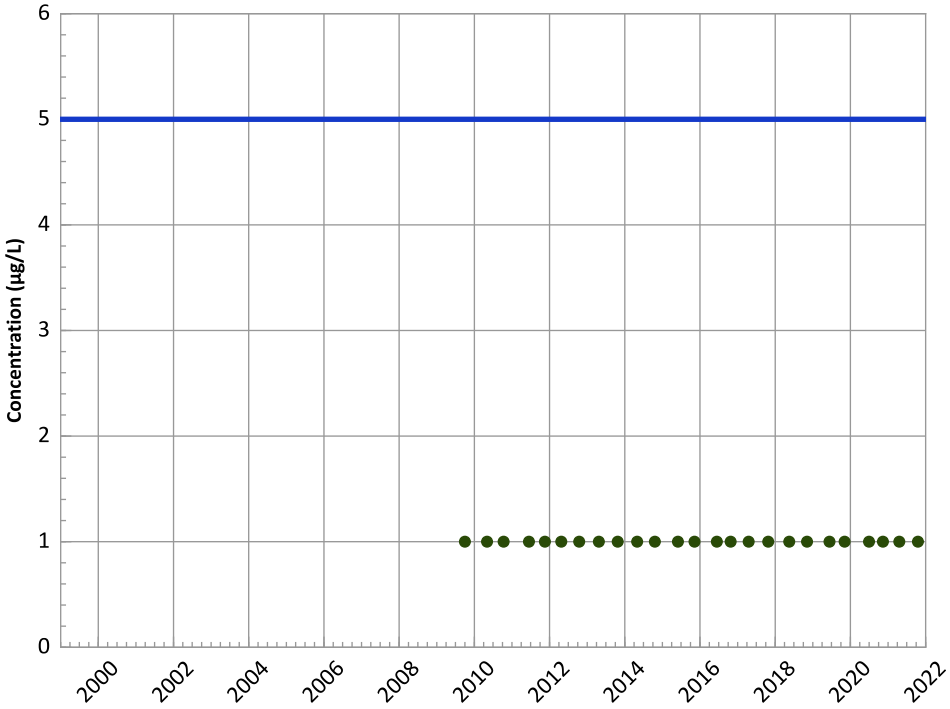
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

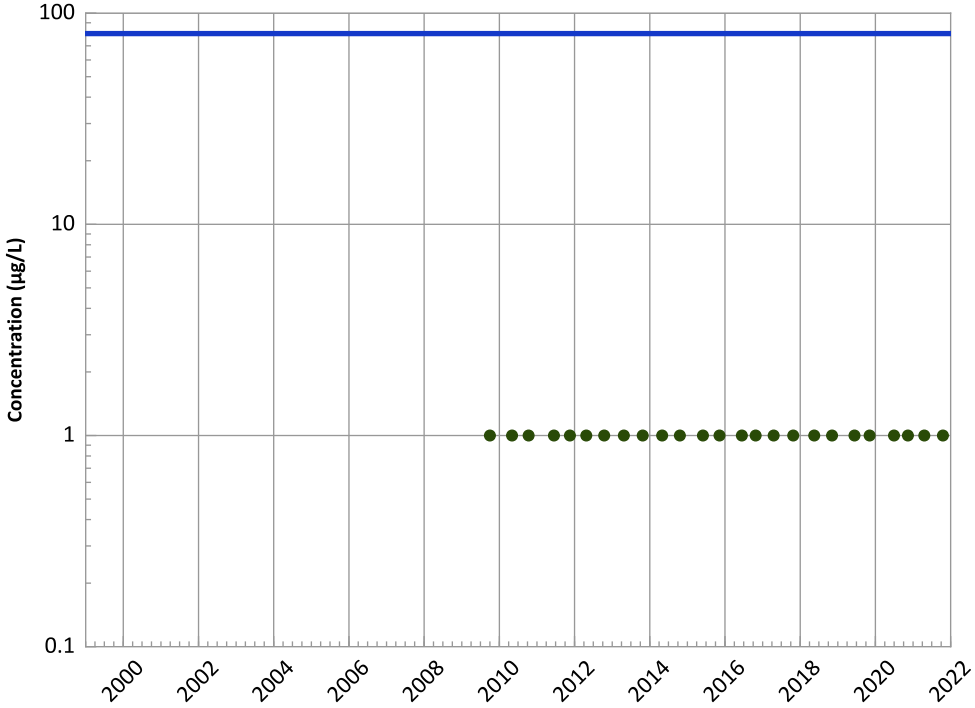


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend

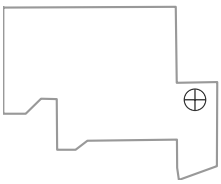


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

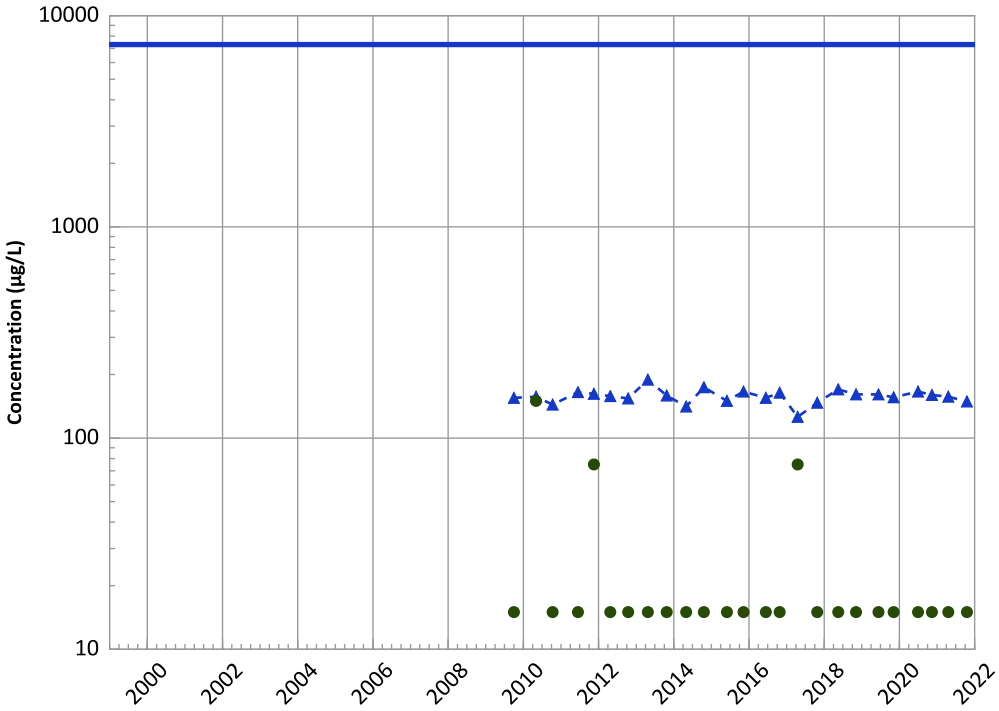


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

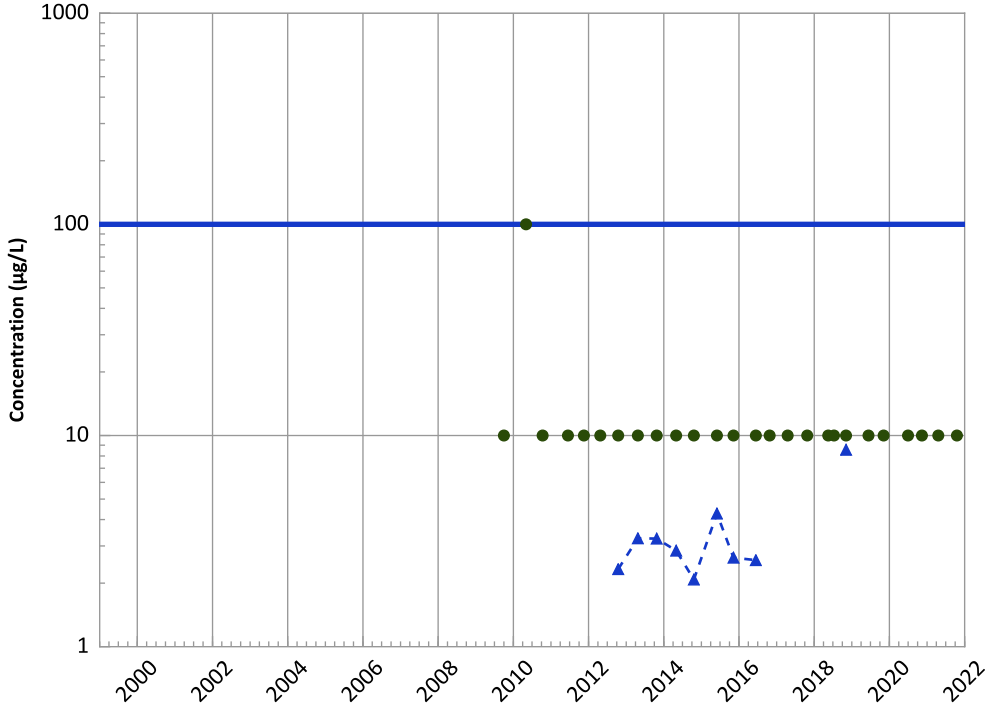


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

Chromium, Total Trend



Concentration Trend

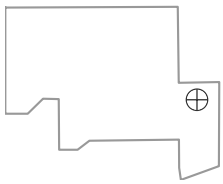
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

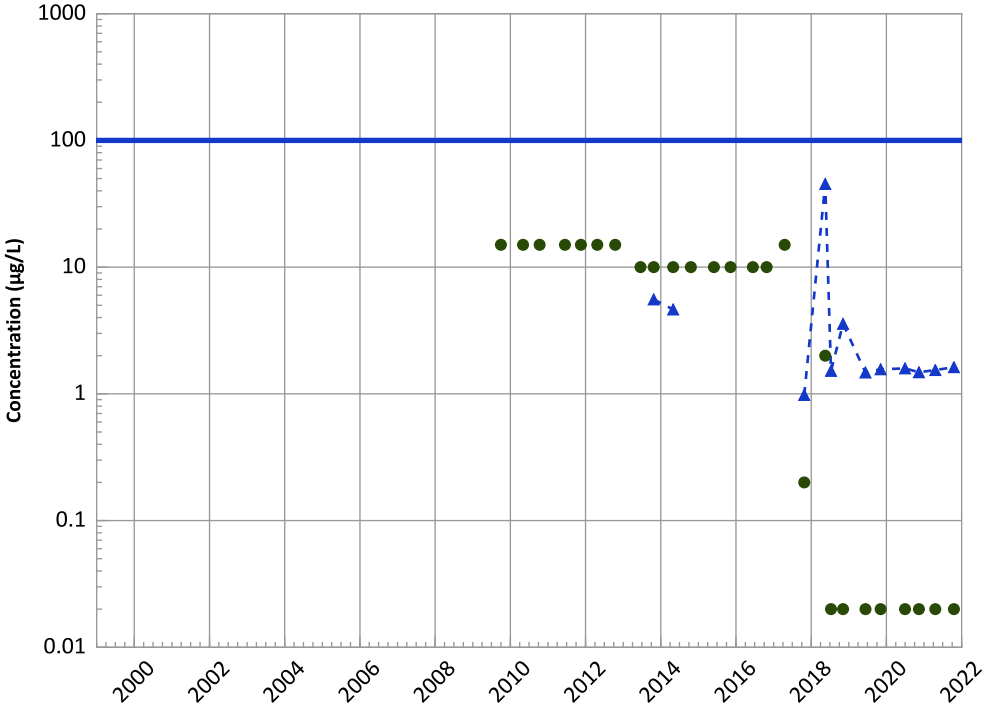
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

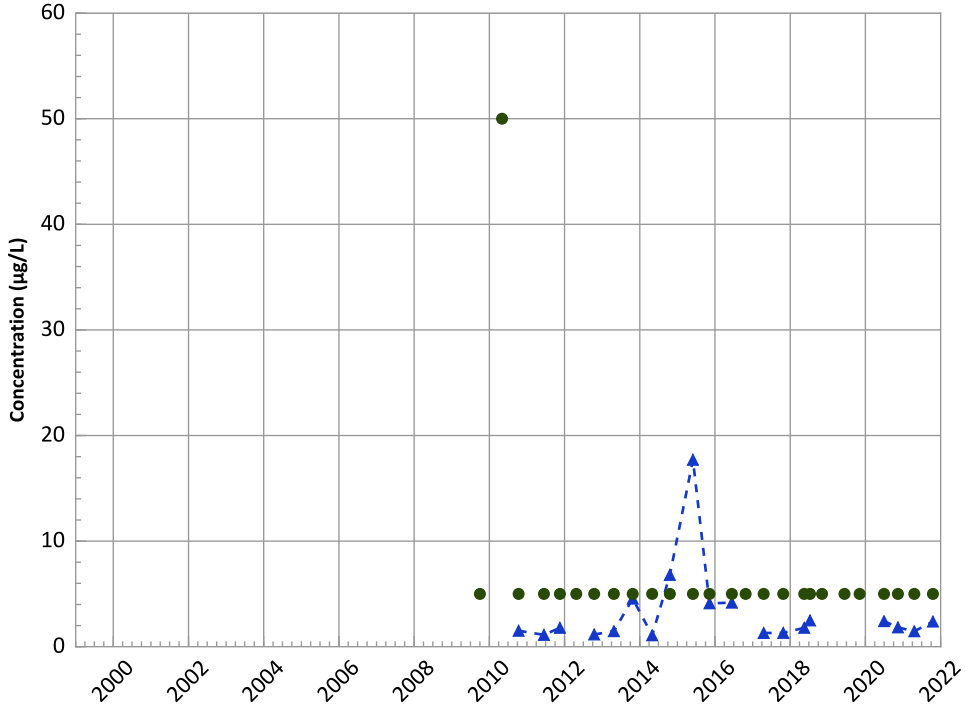


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

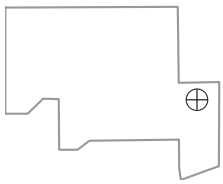
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

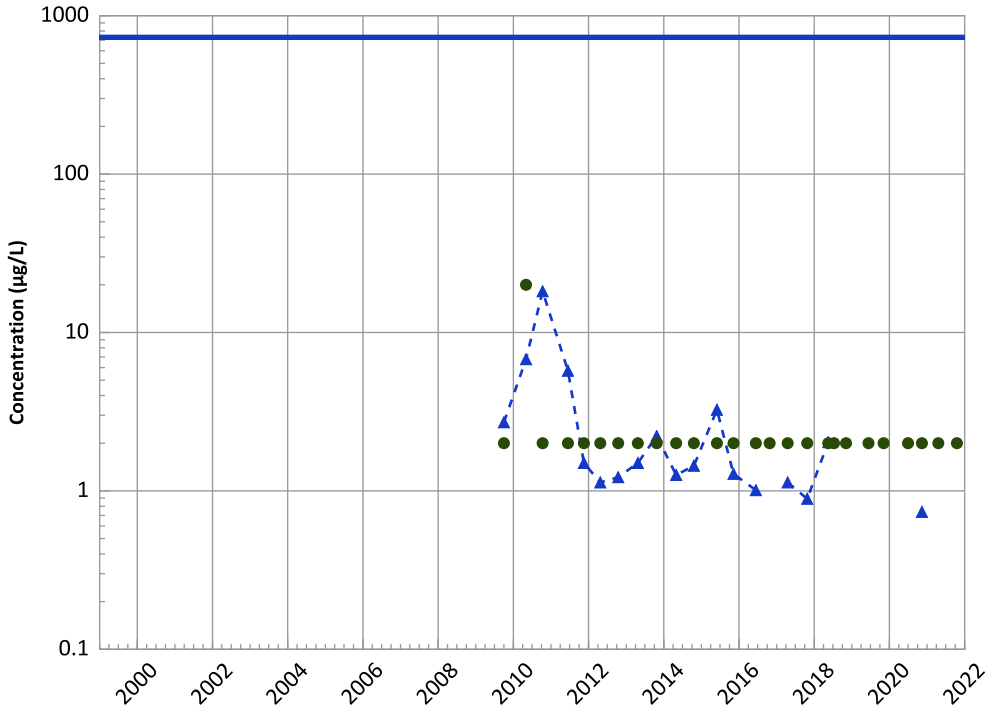
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

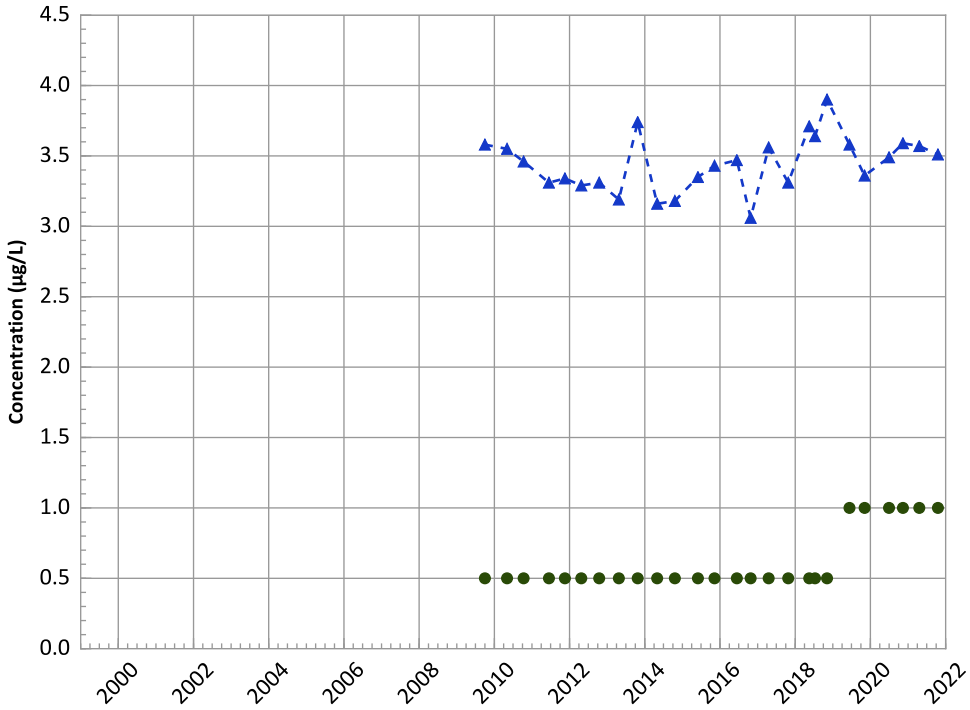


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

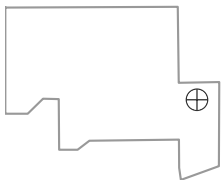
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

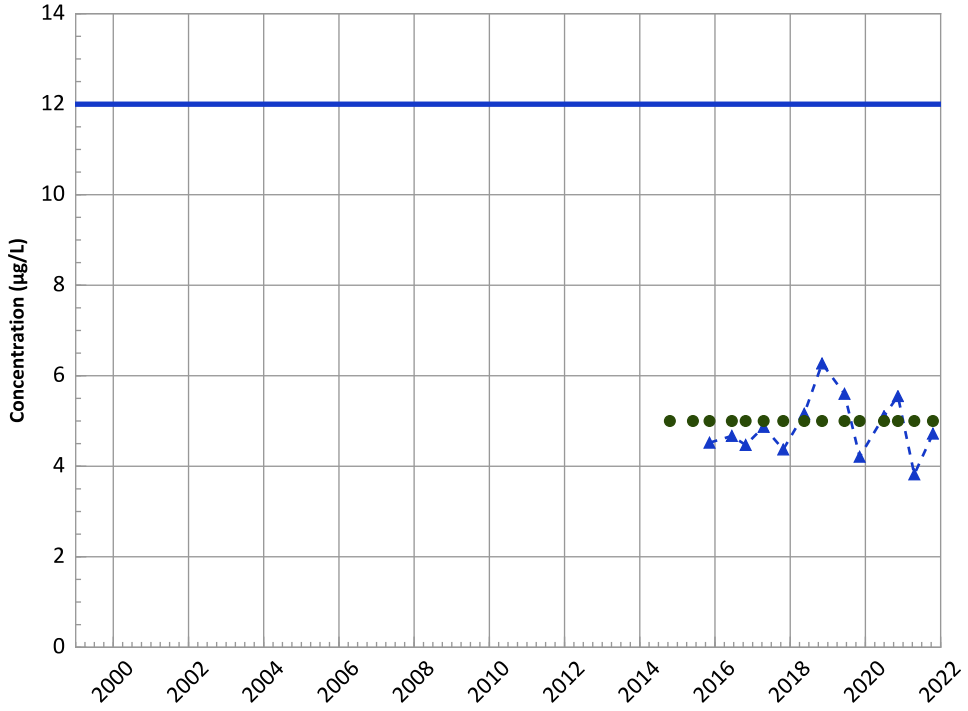
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

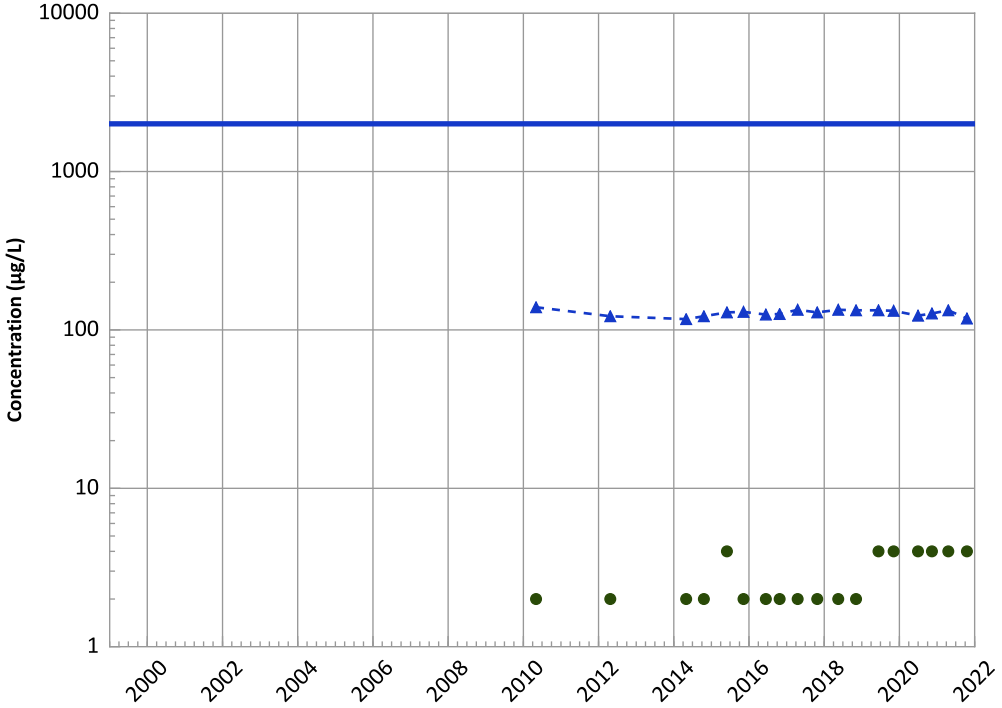


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Barium Trend

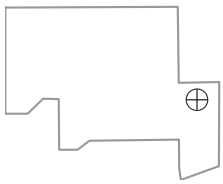


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Well Location

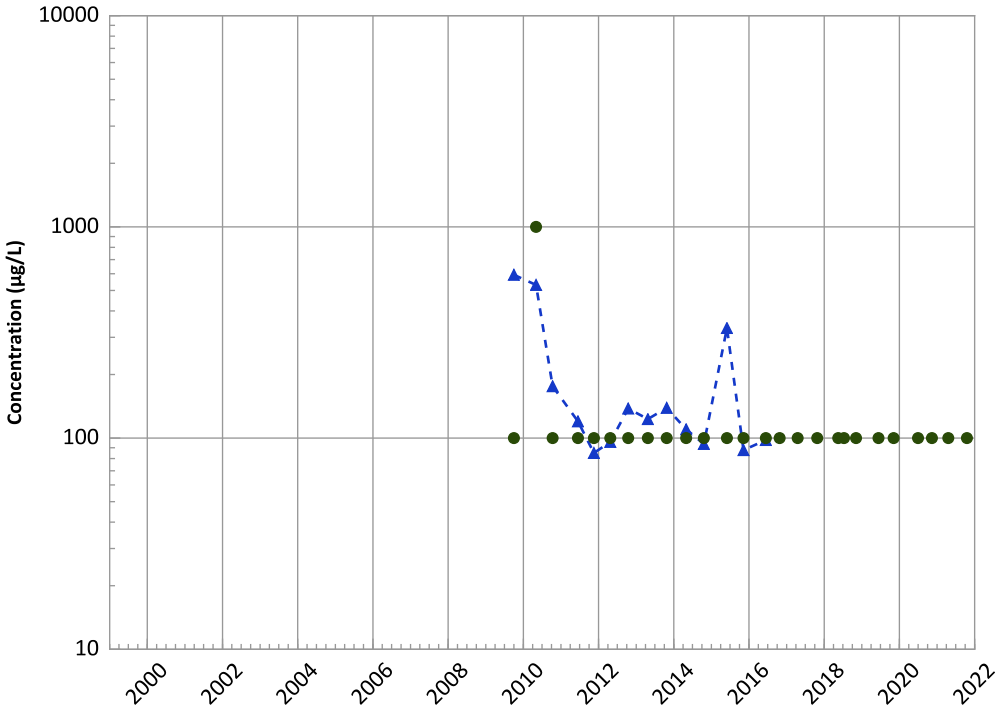


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1138 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

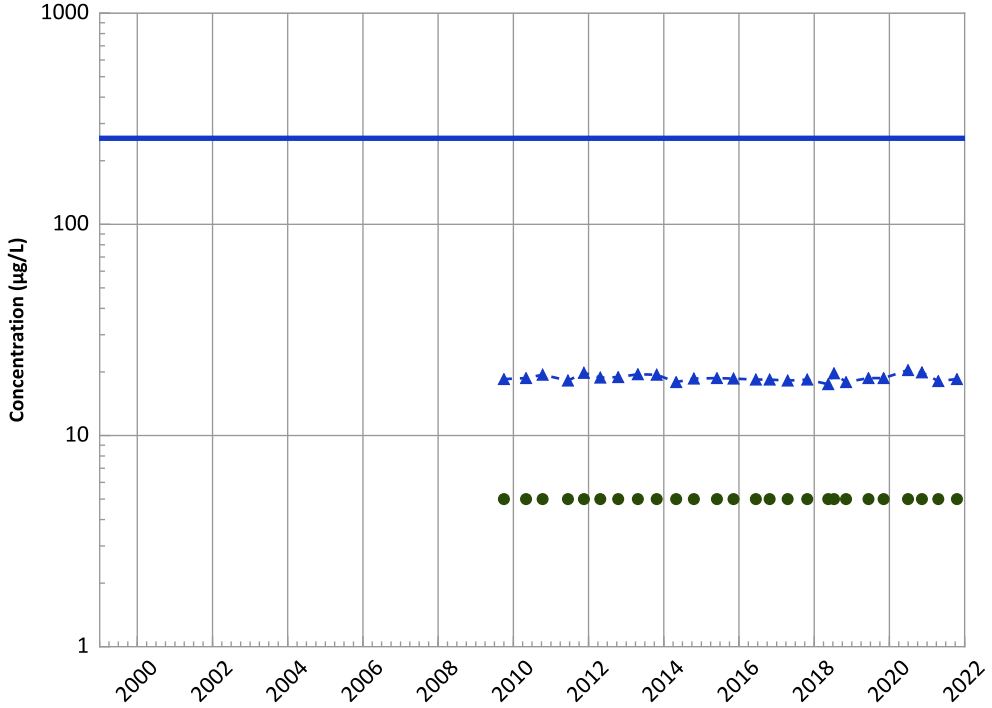


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

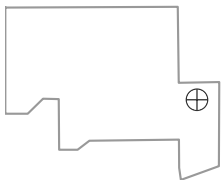
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

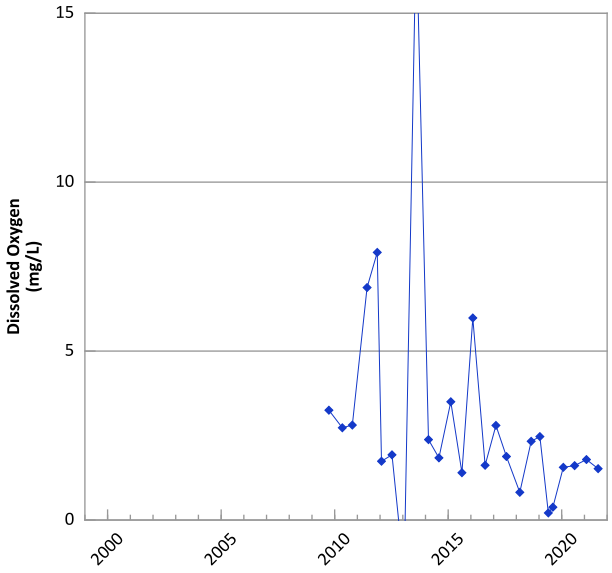
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/01/2009 to 10/18/2021
Analysis Date: 04/29/2022

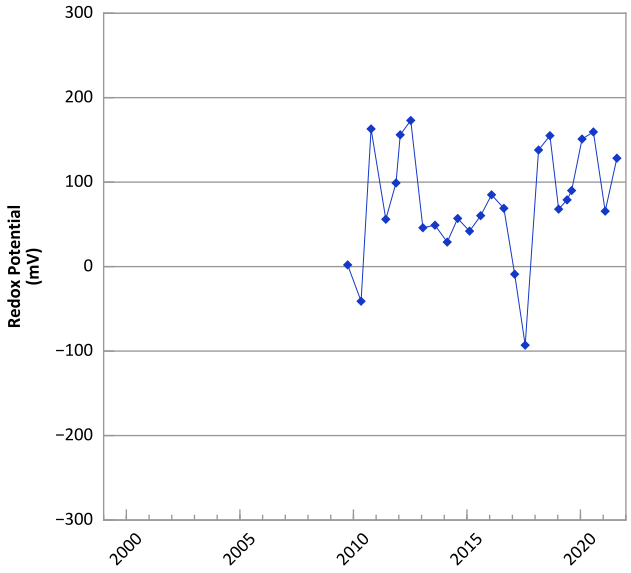
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

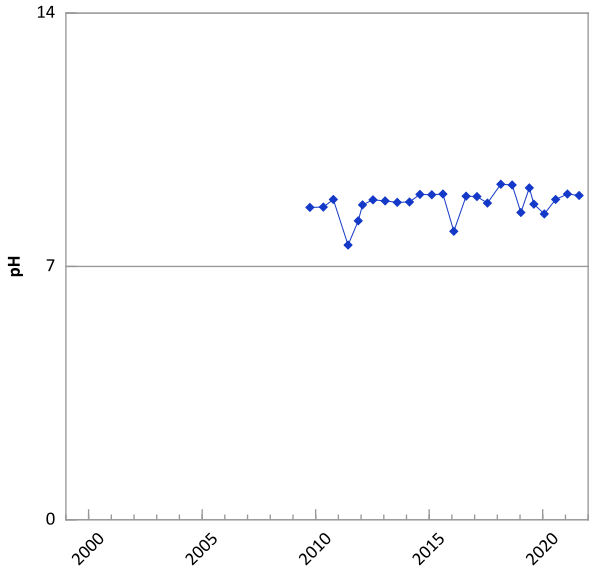
Well Location

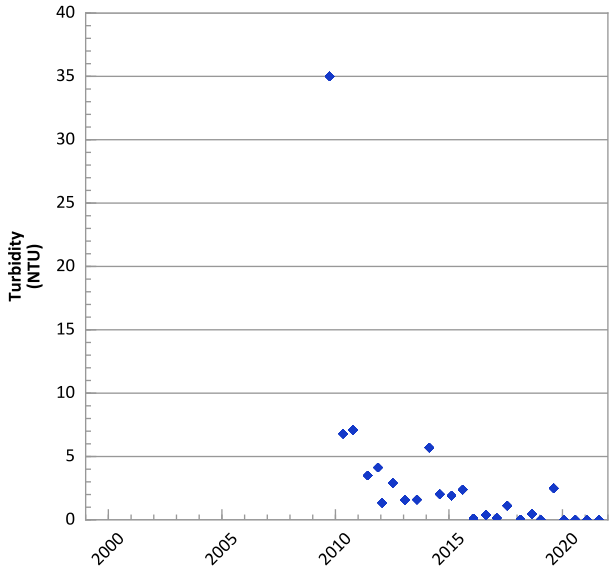


PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



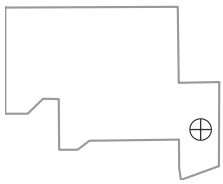






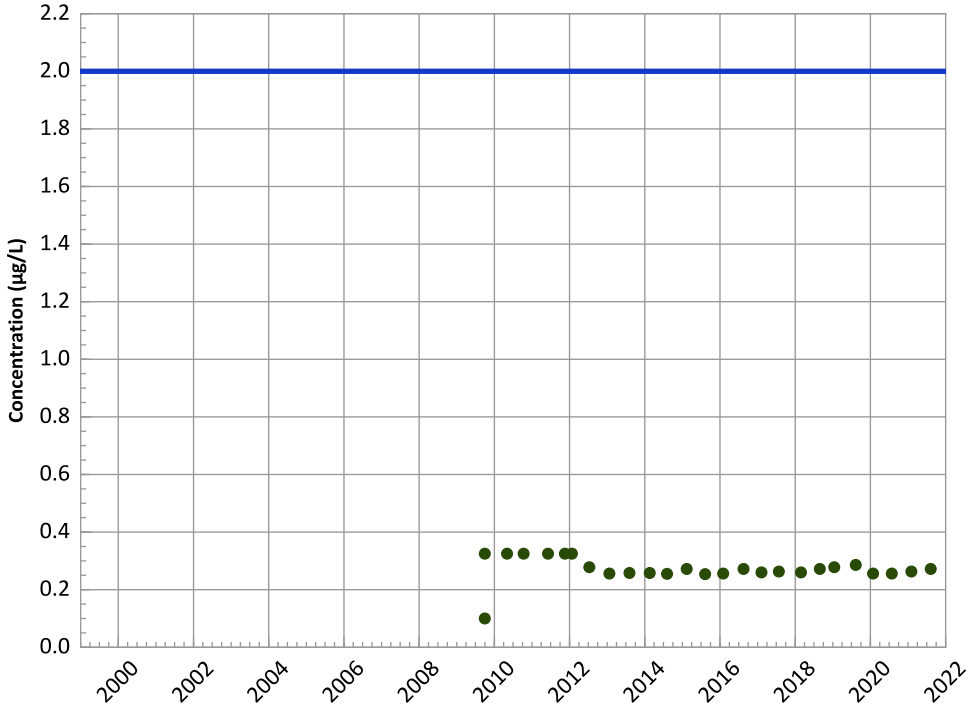
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

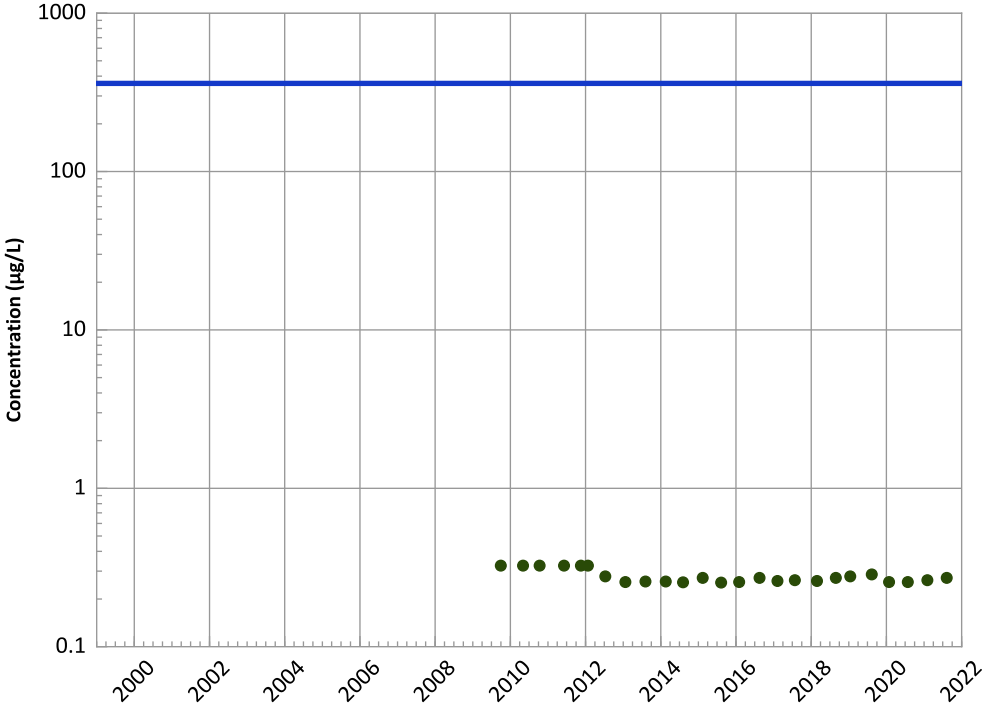


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

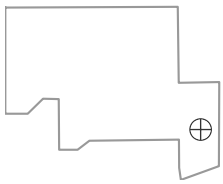
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

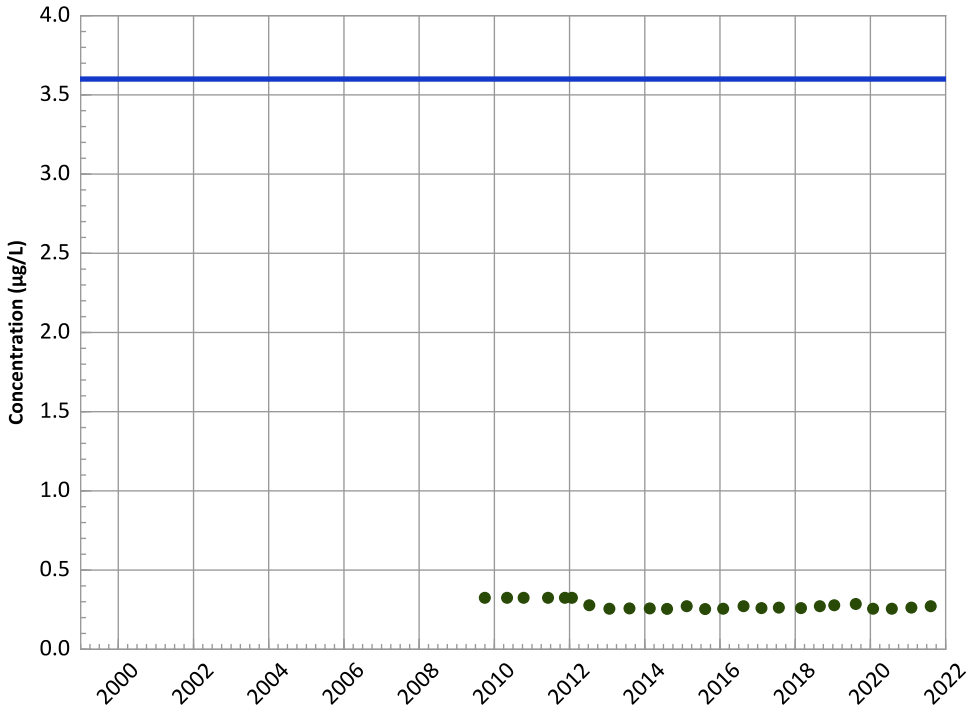
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

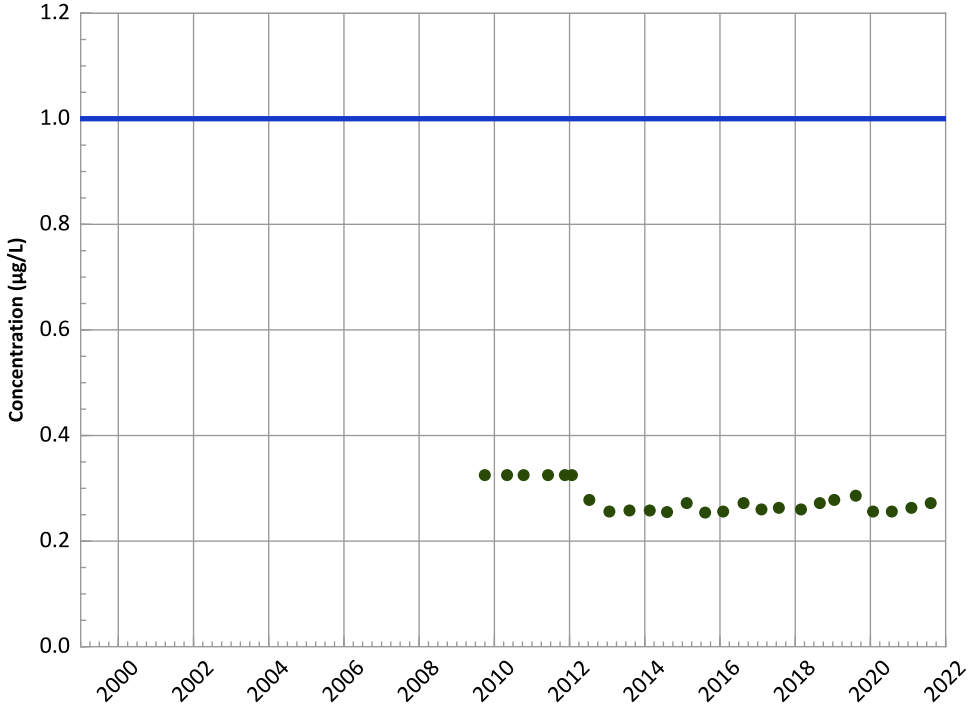


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

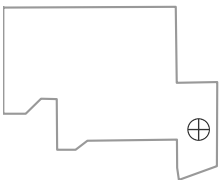
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

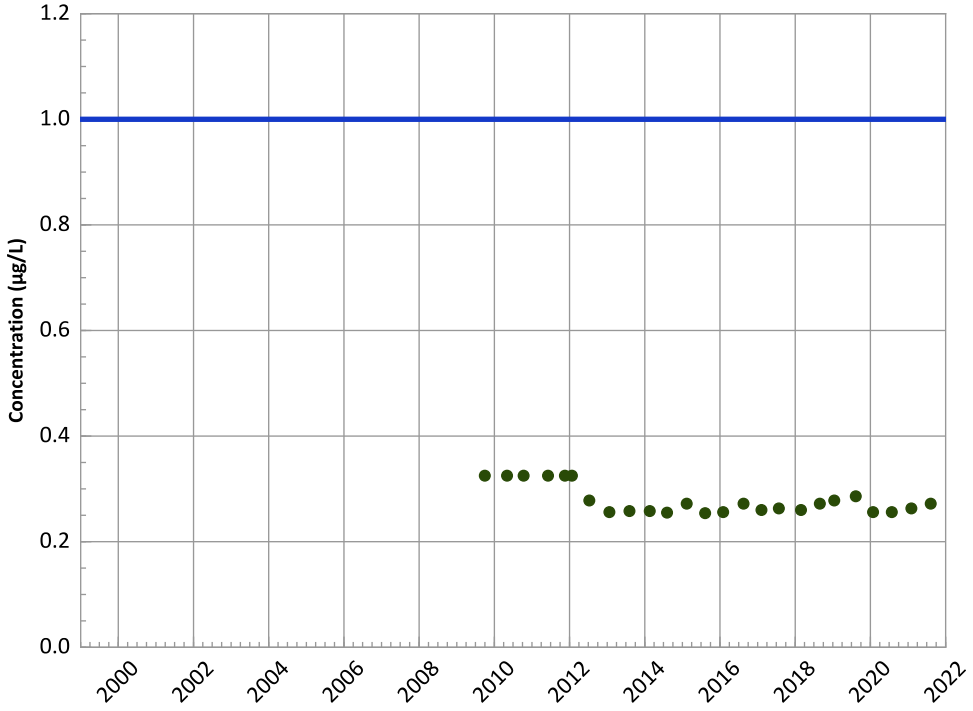
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

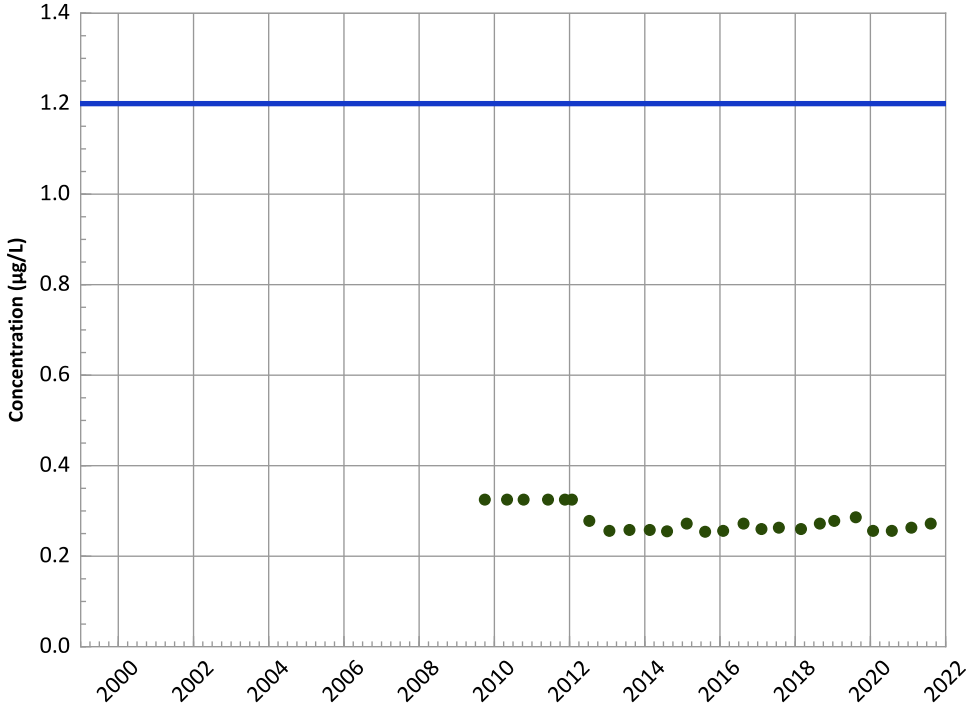


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

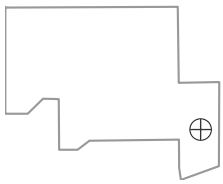


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

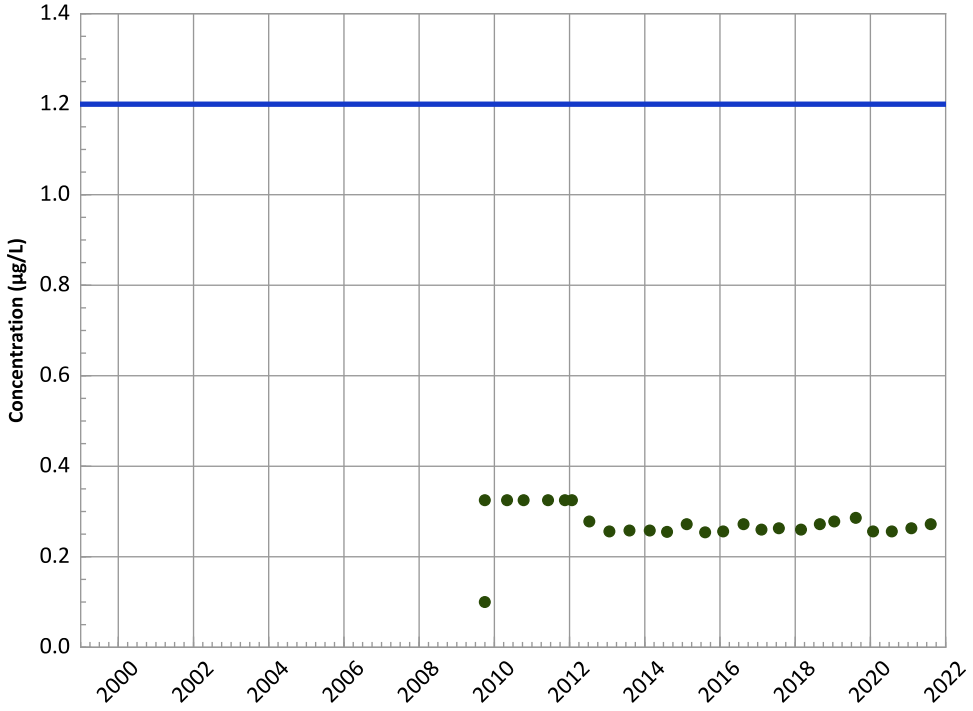


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

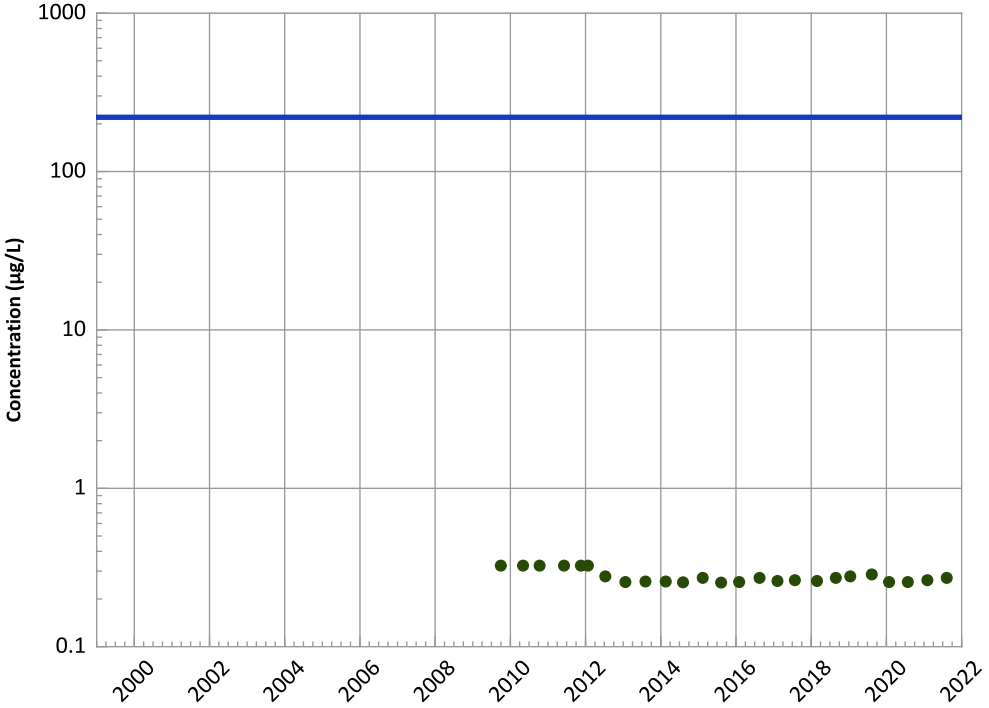


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

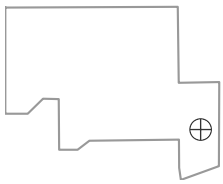
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

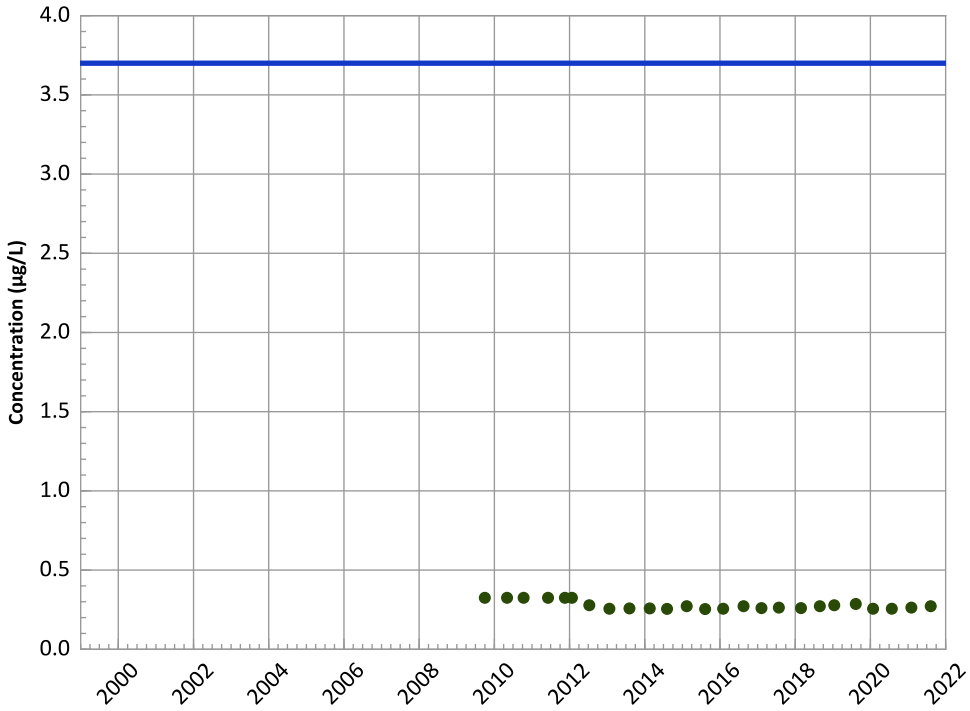
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

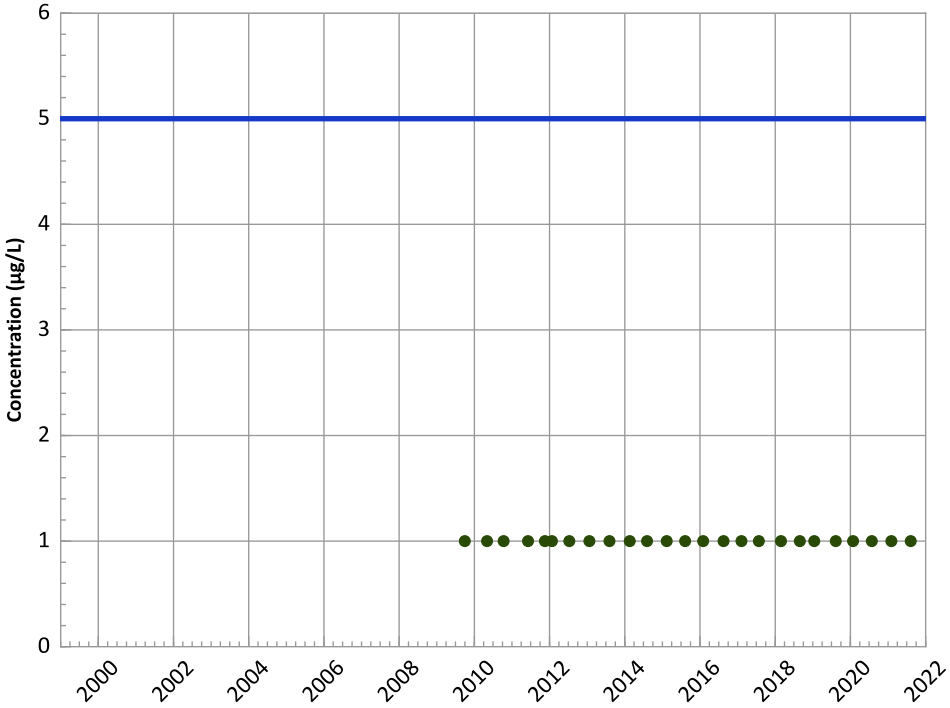


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

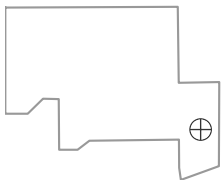
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

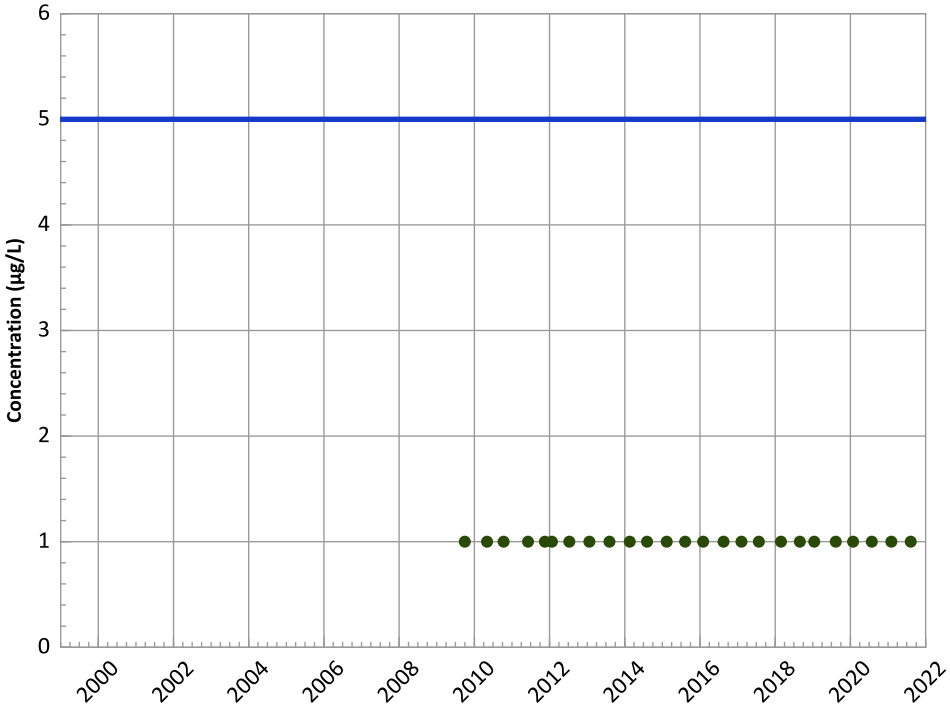
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

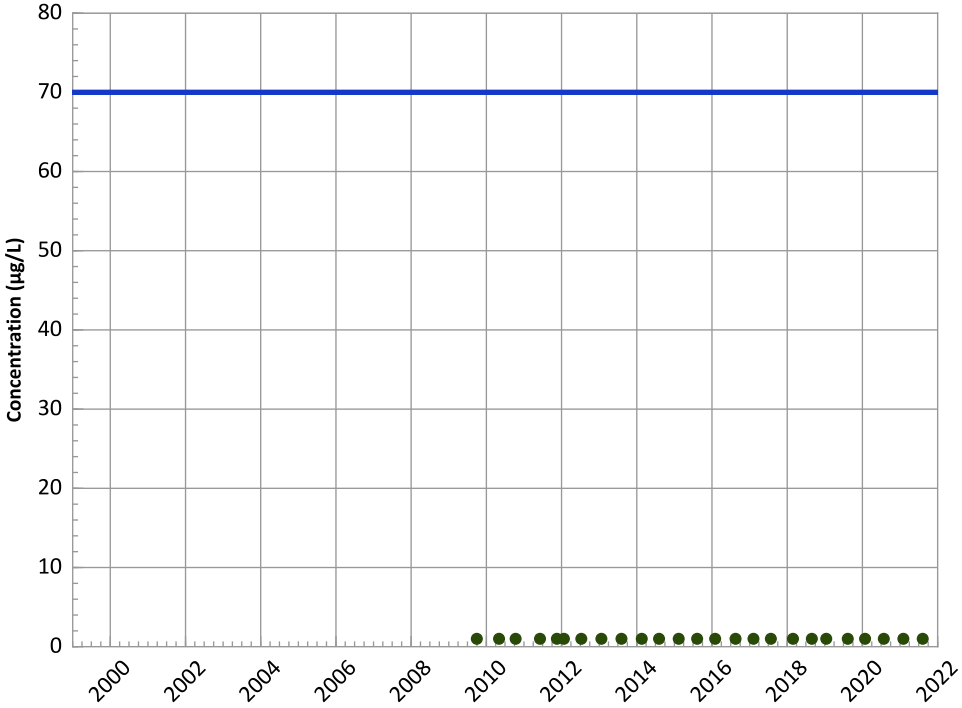


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

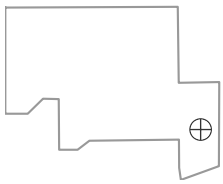
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

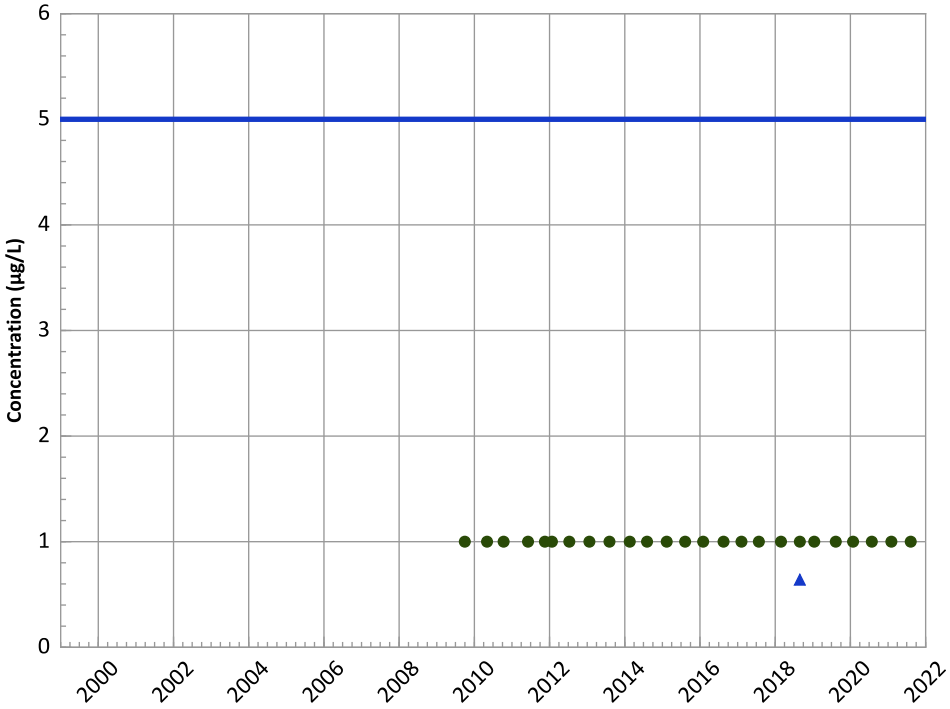
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

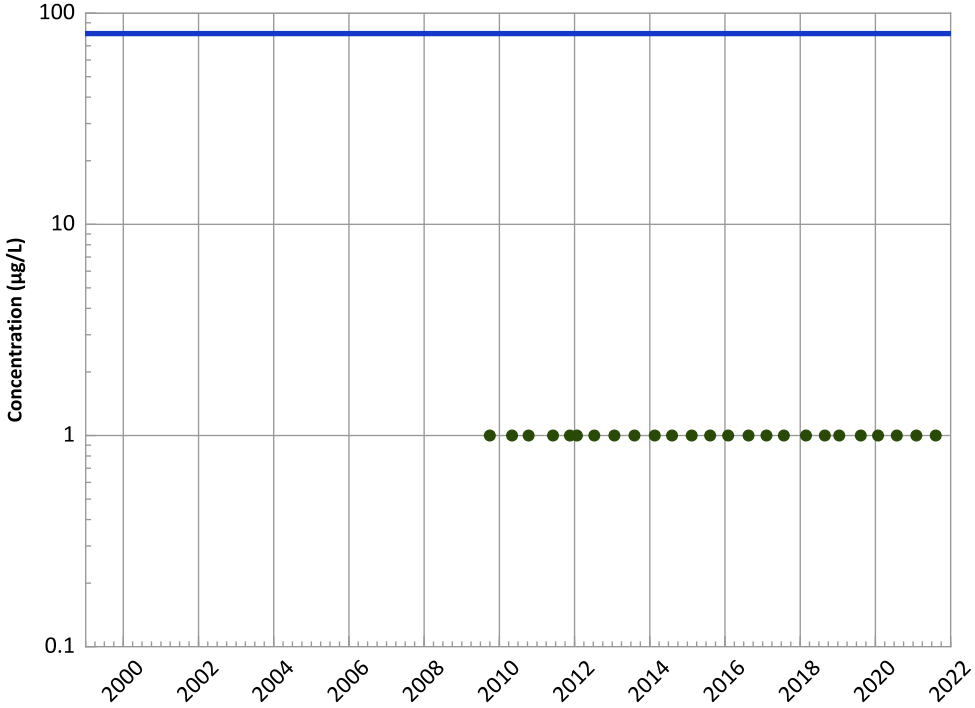


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

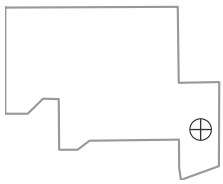
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

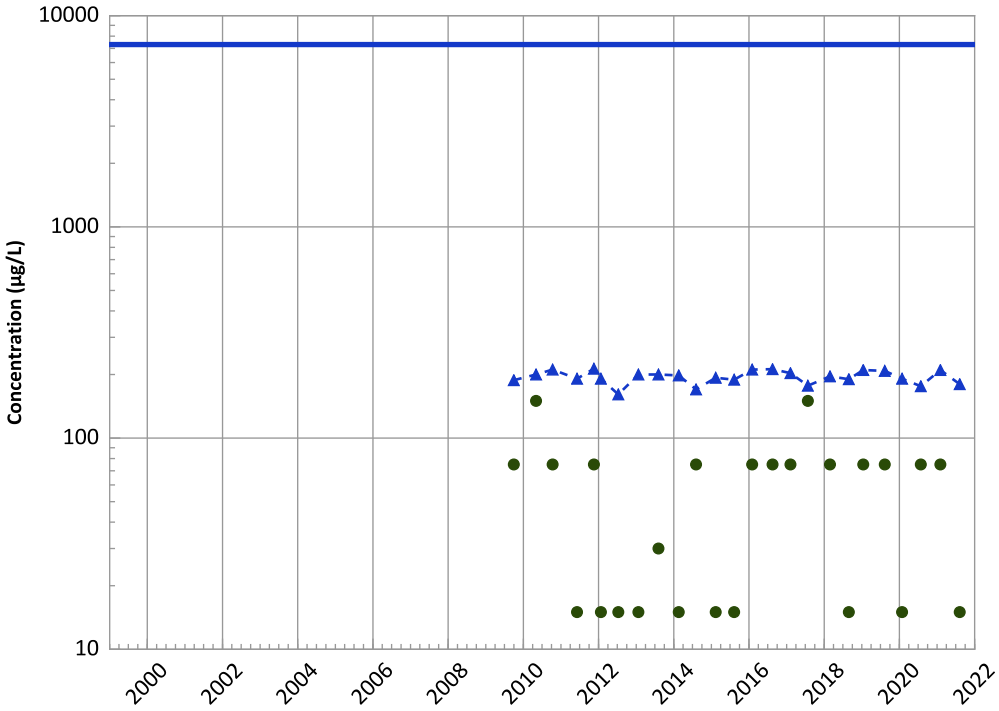
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═ Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

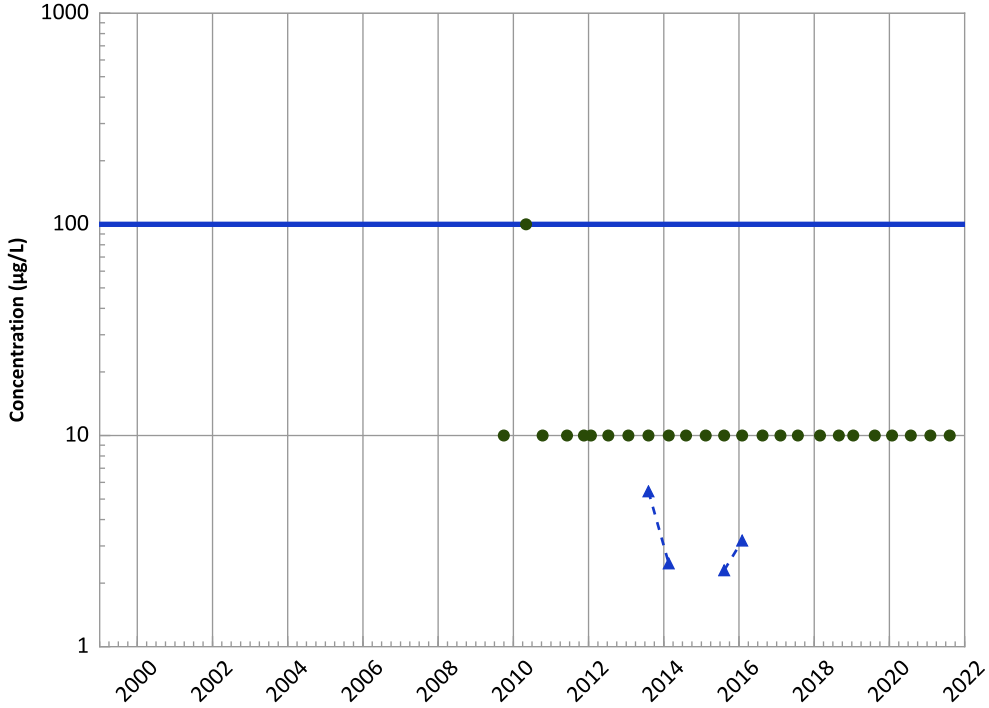


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Chromium, Total Trend



Concentration Trend

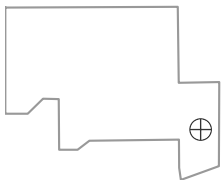
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

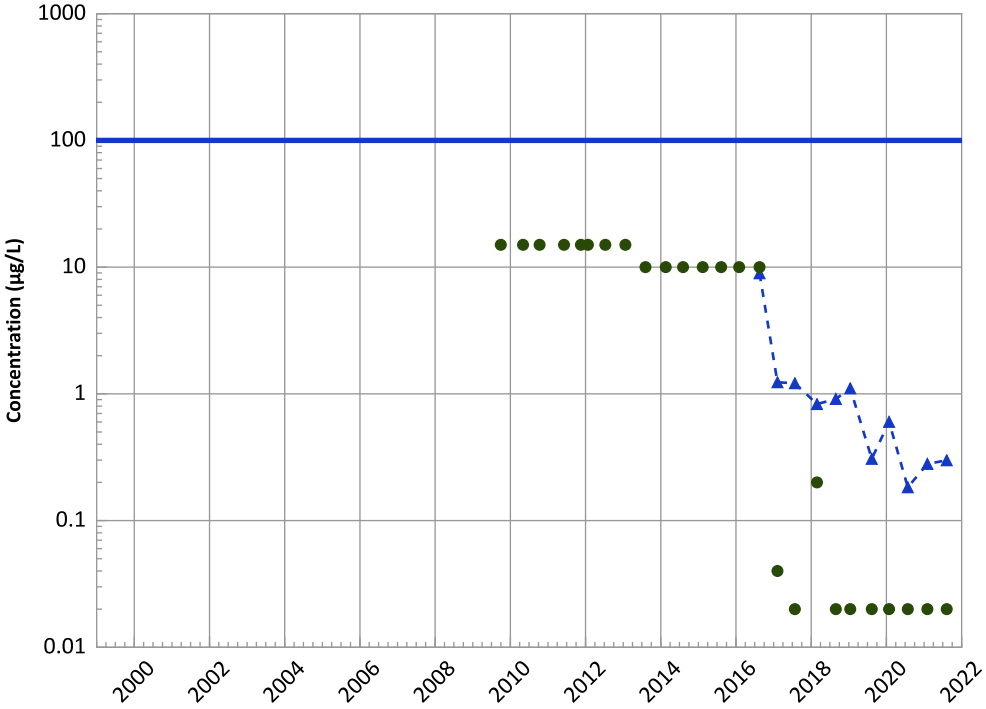
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

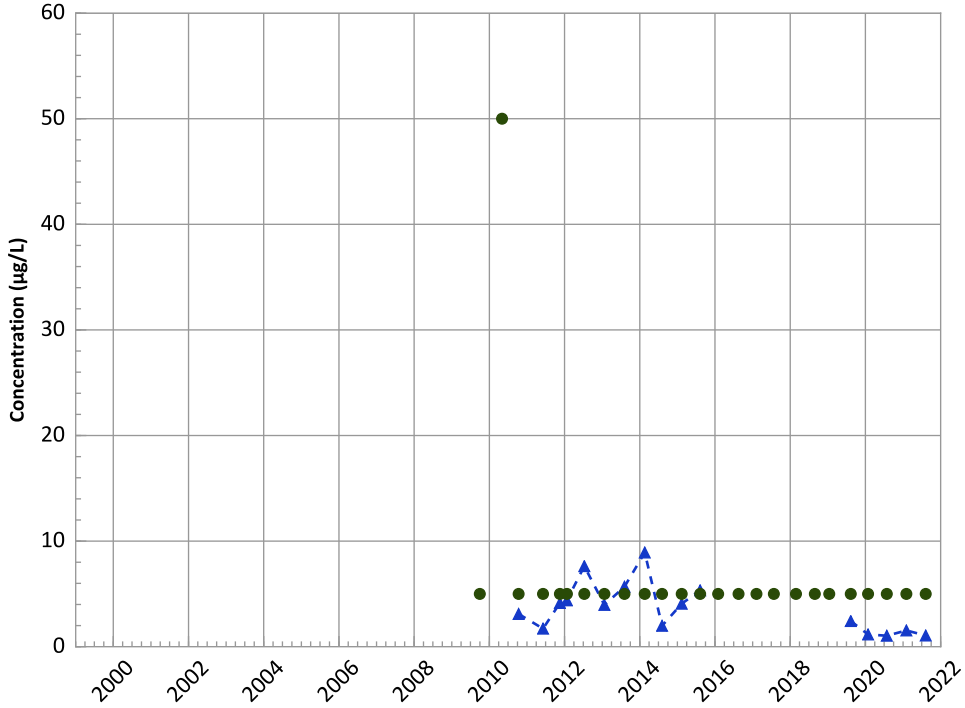


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Manganese Trend



Concentration Trend

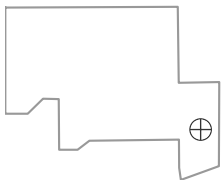
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

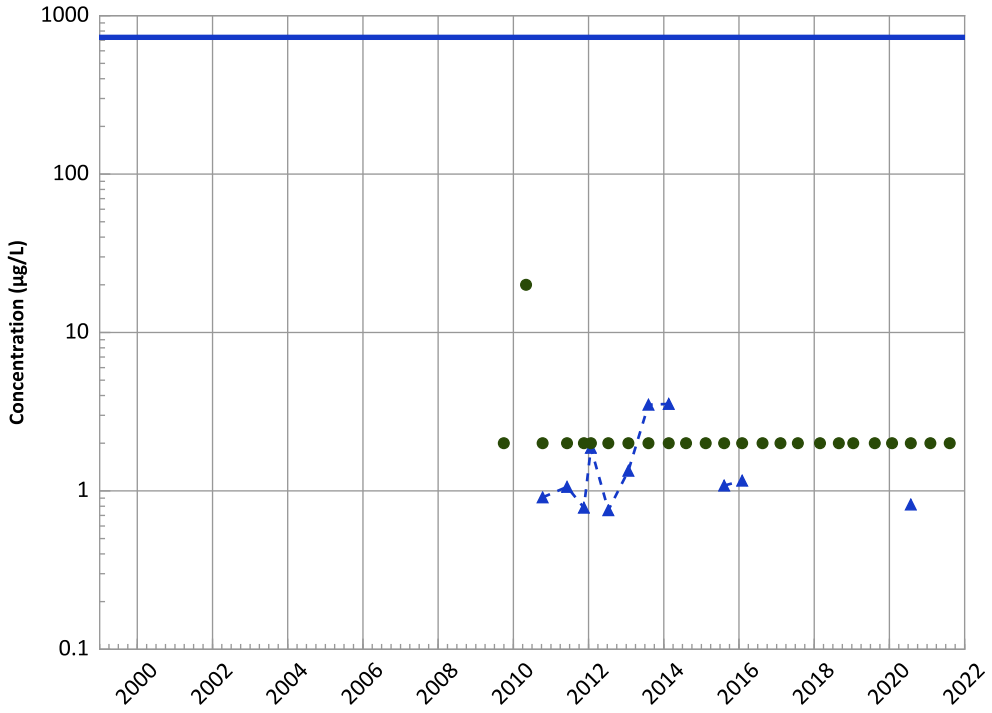
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

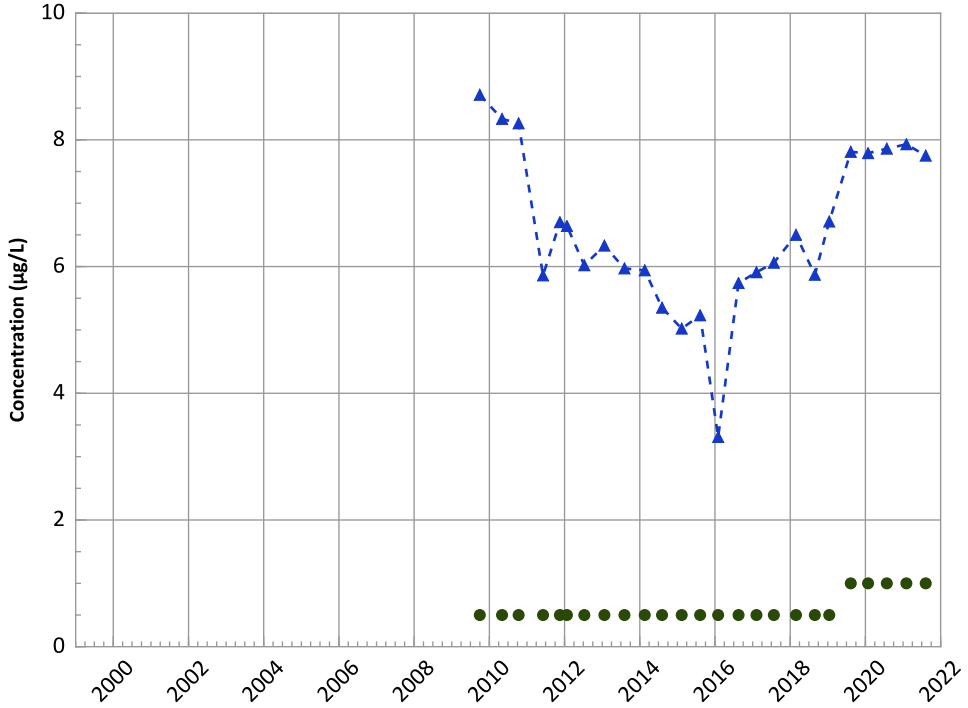


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Decreasing

Molybdenum Trend



Concentration Trend

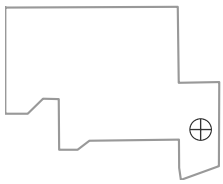
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

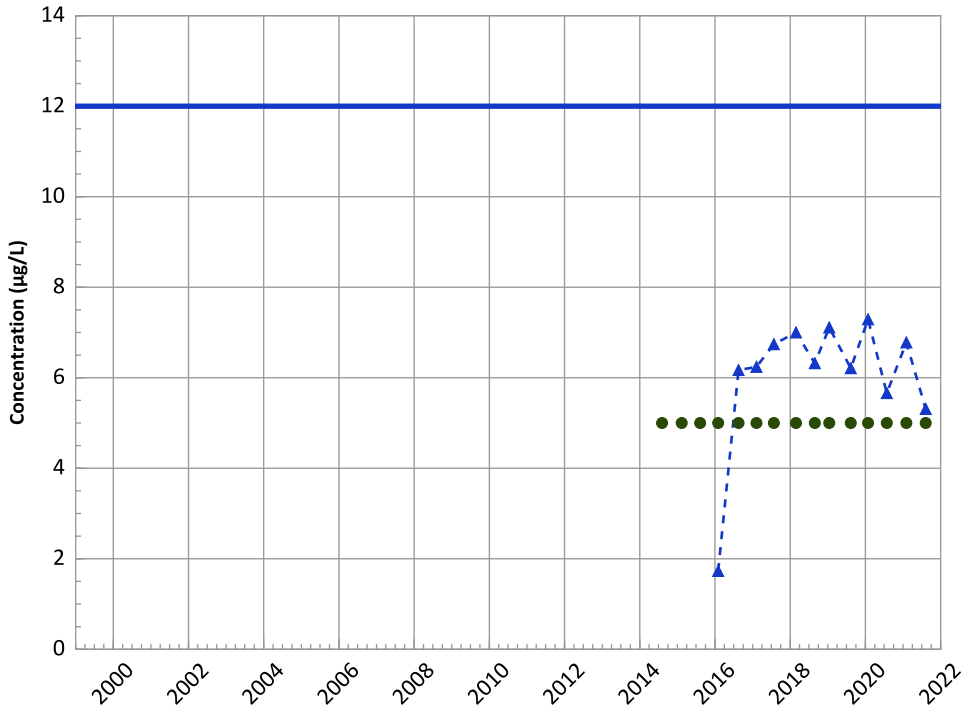
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

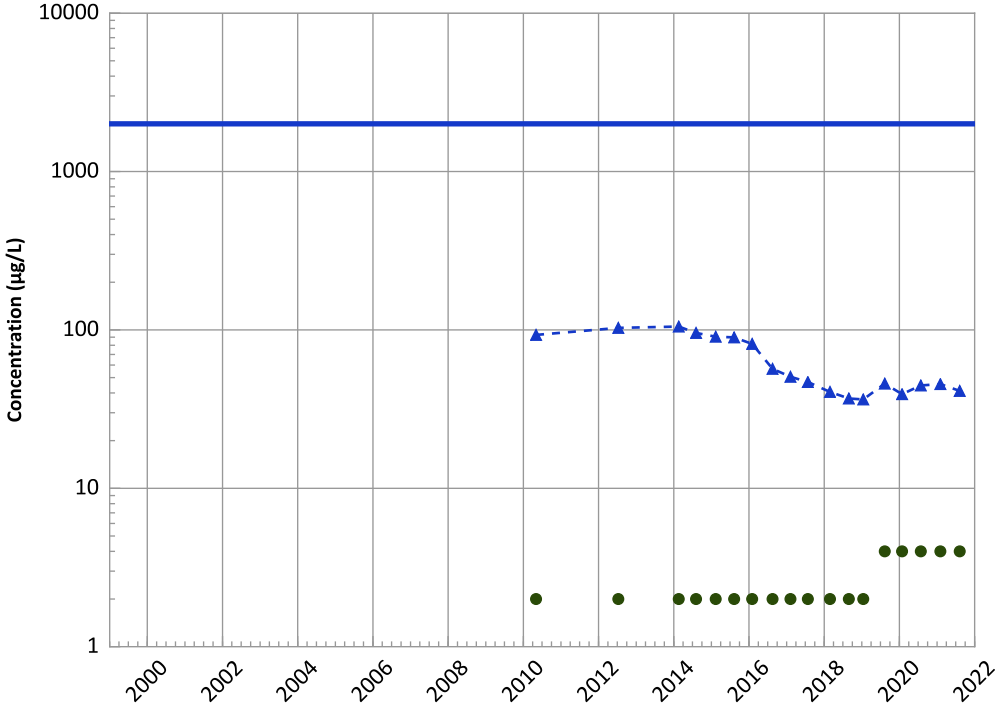


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Barium Trend



Concentration Trend

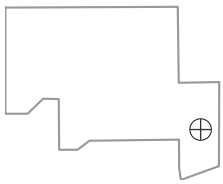
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

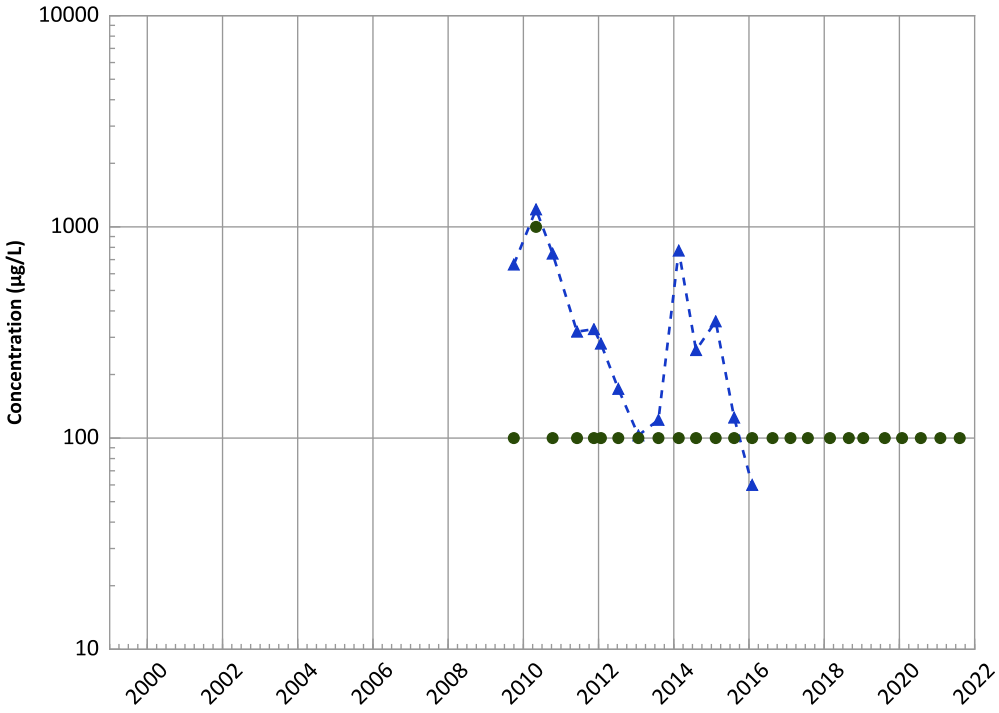
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1139 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

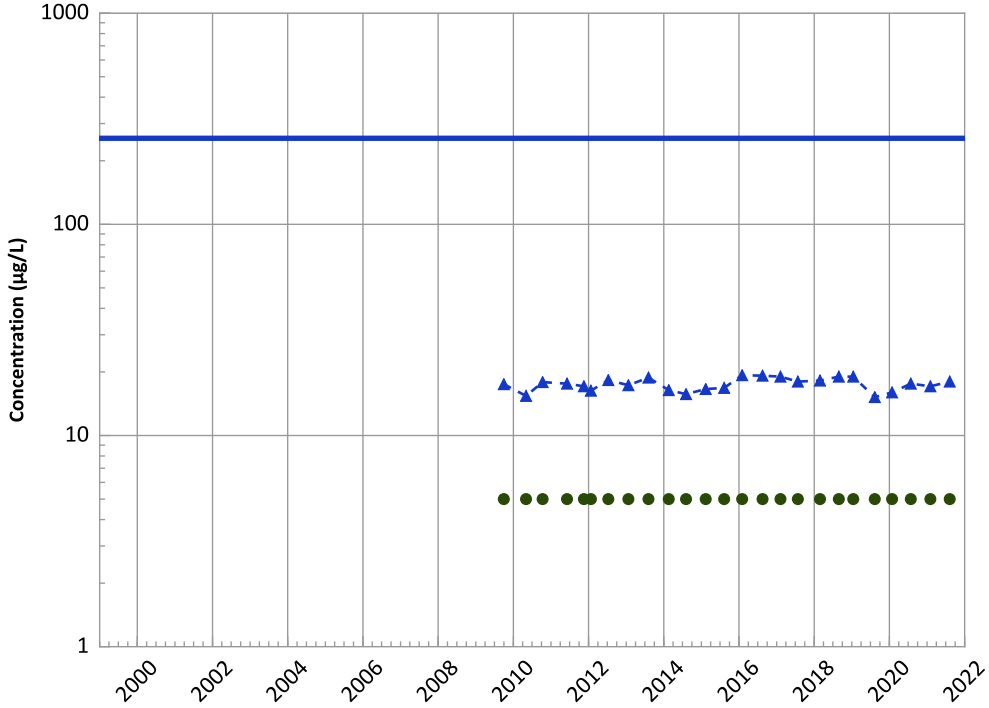


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Probably Decreasing

Vanadium Trend



Concentration Trend

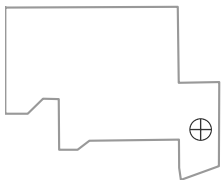
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Increasing

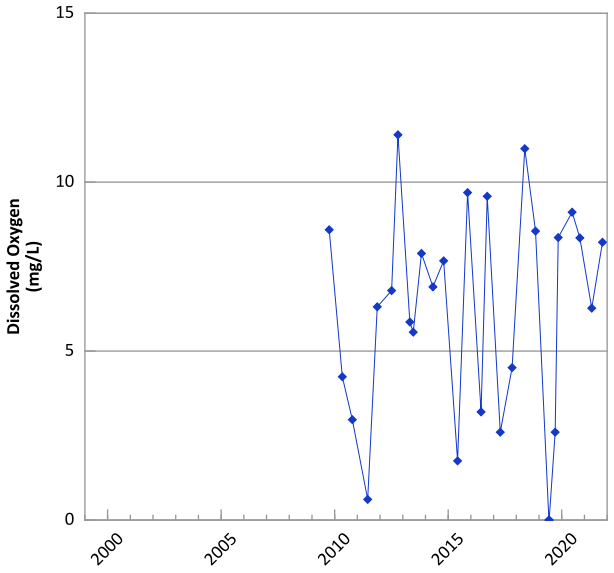
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 09/30/2009 to 08/09/2021
Analysis Date: 04/29/2022

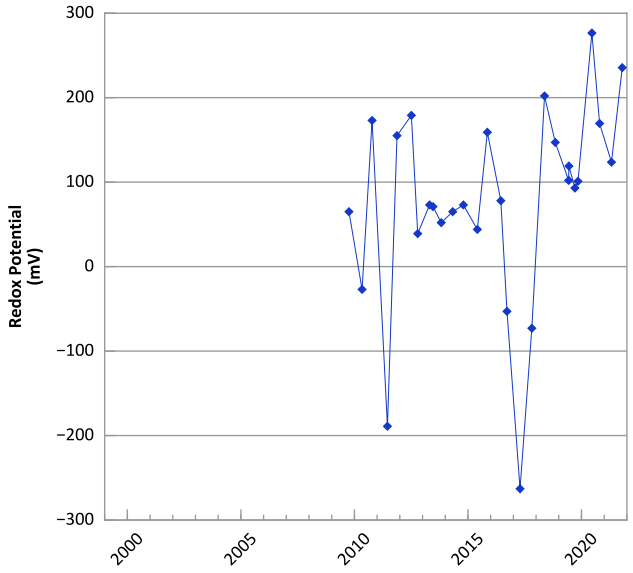
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

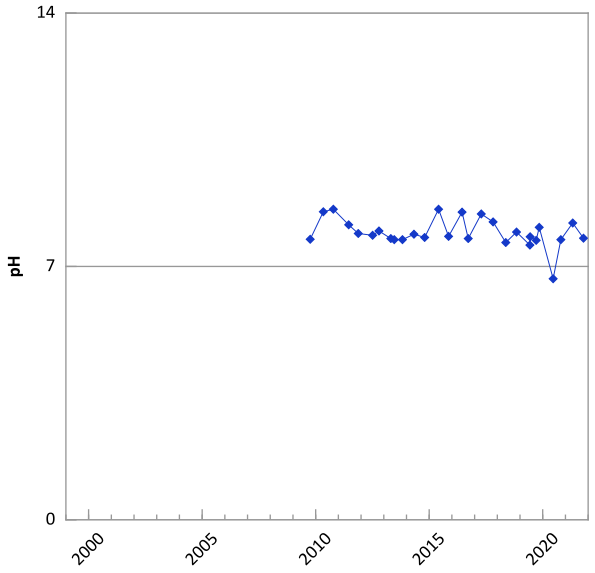
Well Location

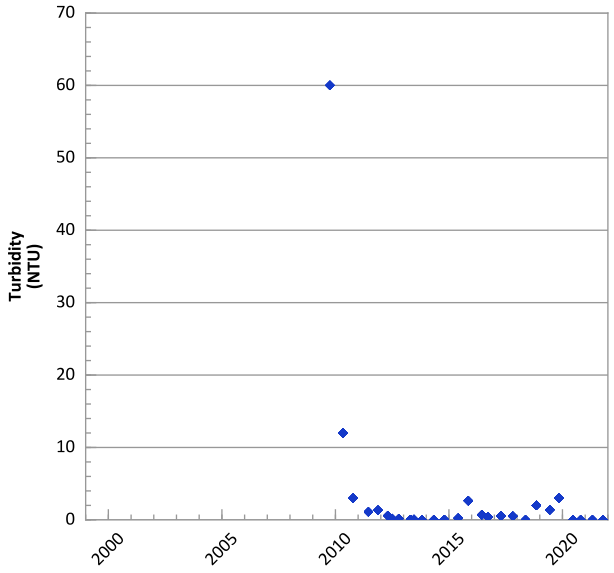


PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



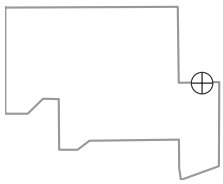






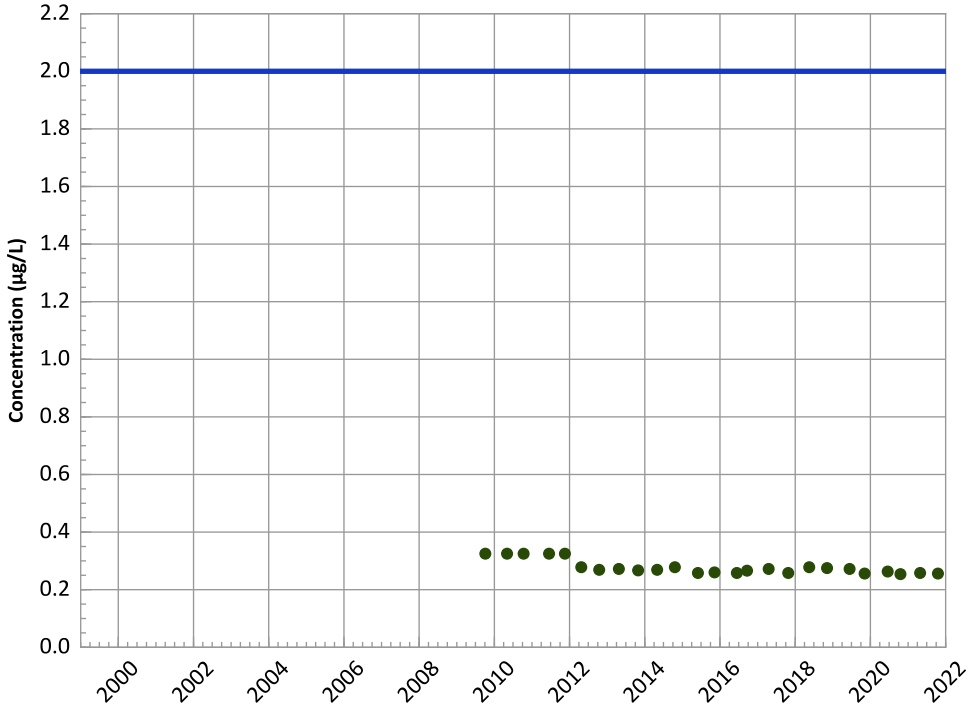
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

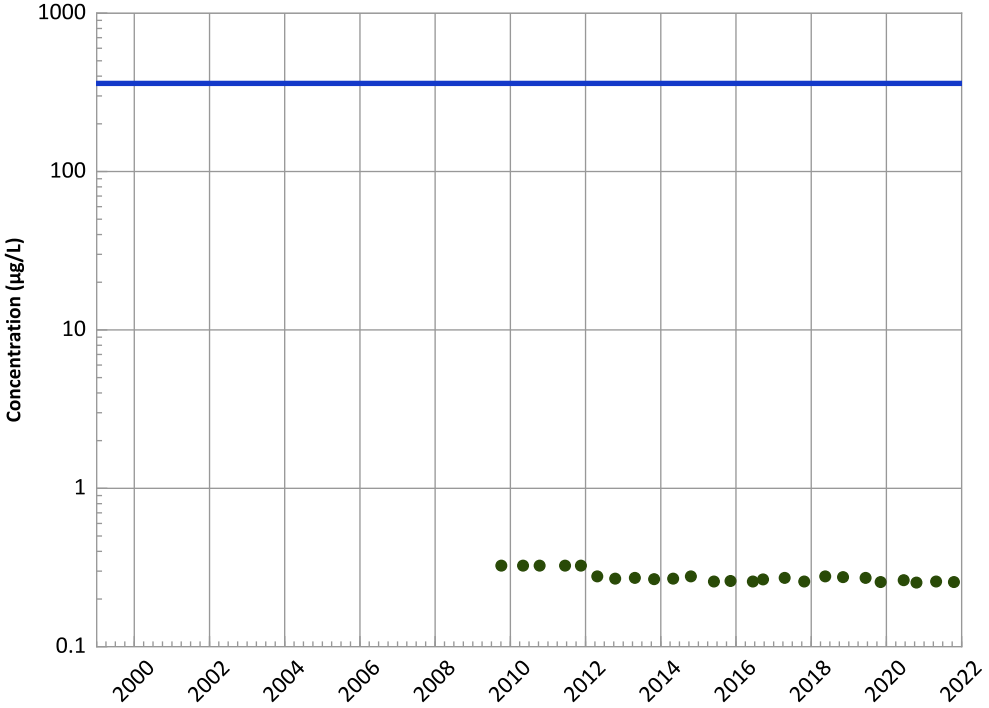


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

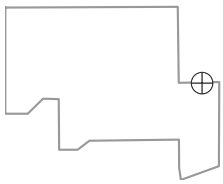
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

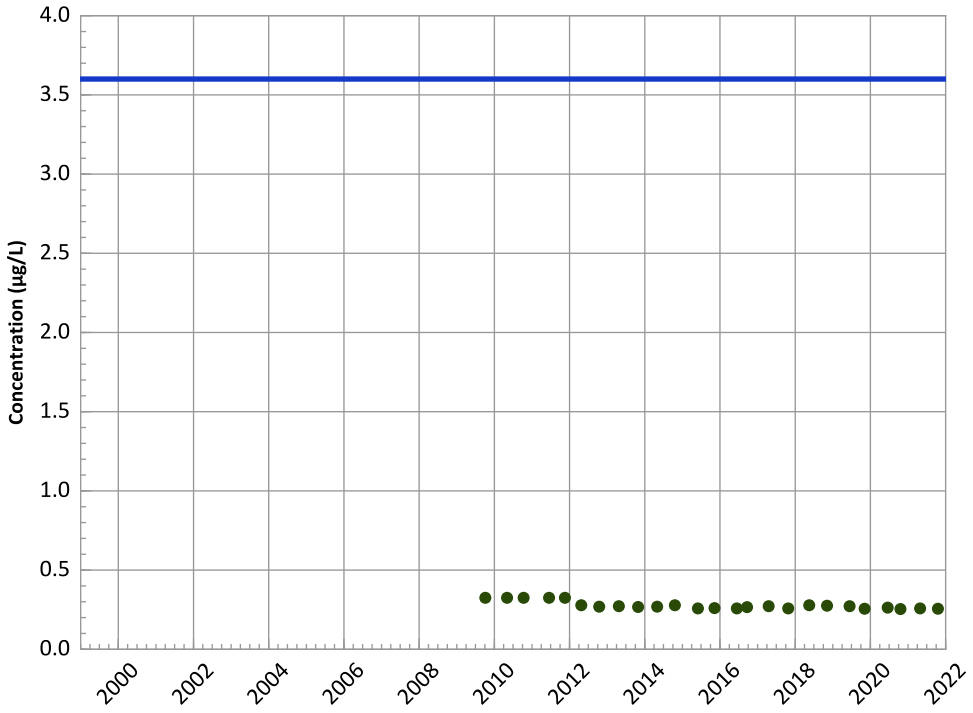
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

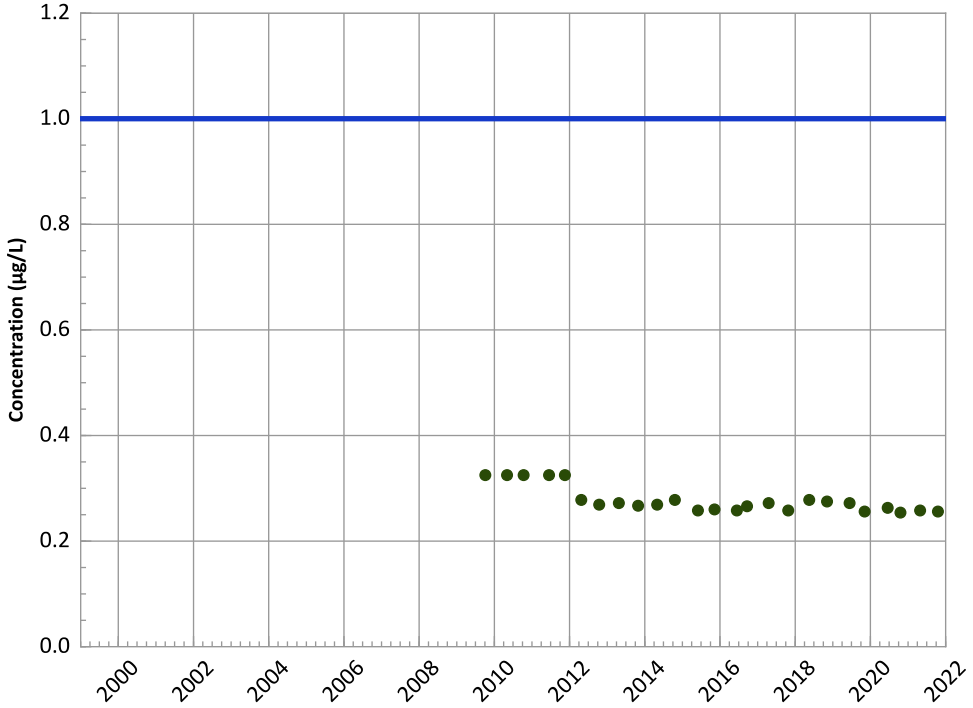


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

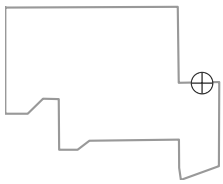
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

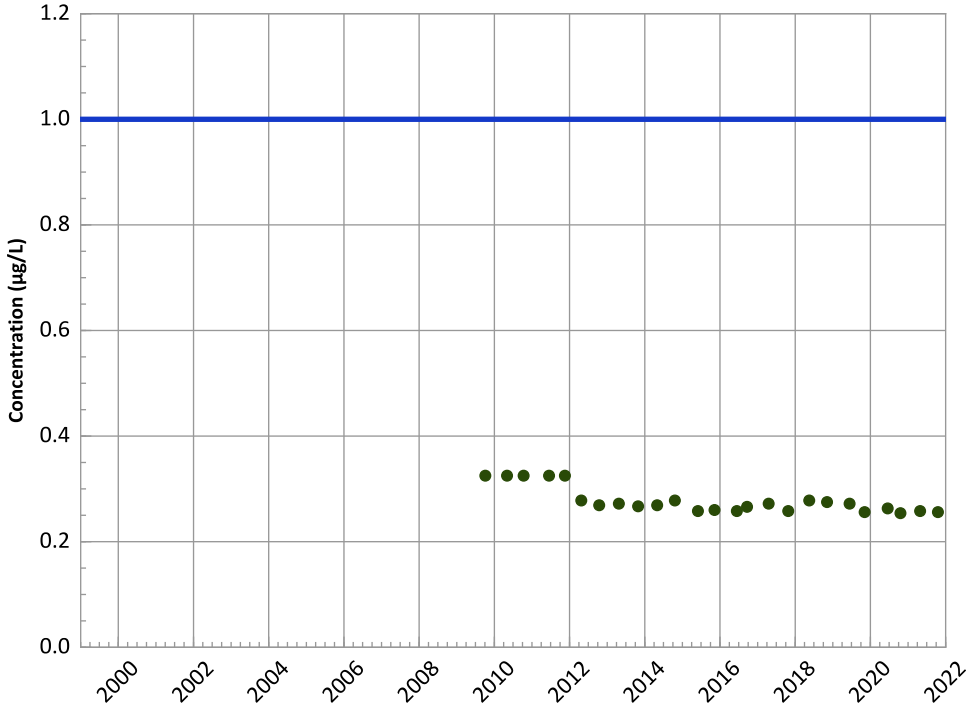
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

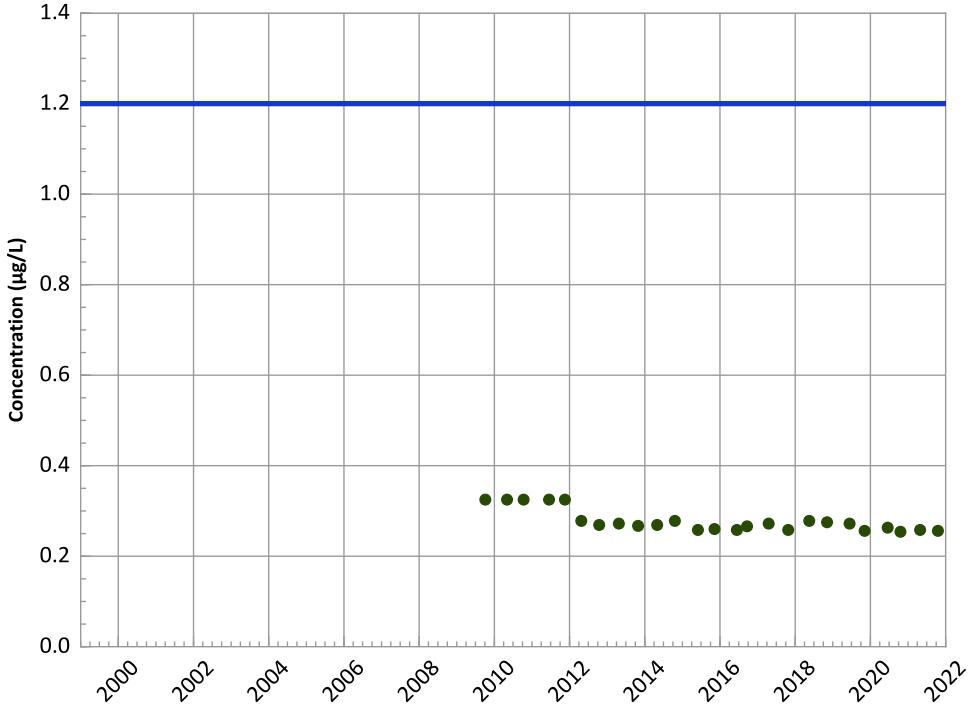


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

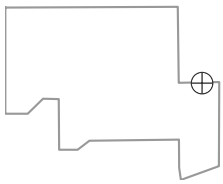


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

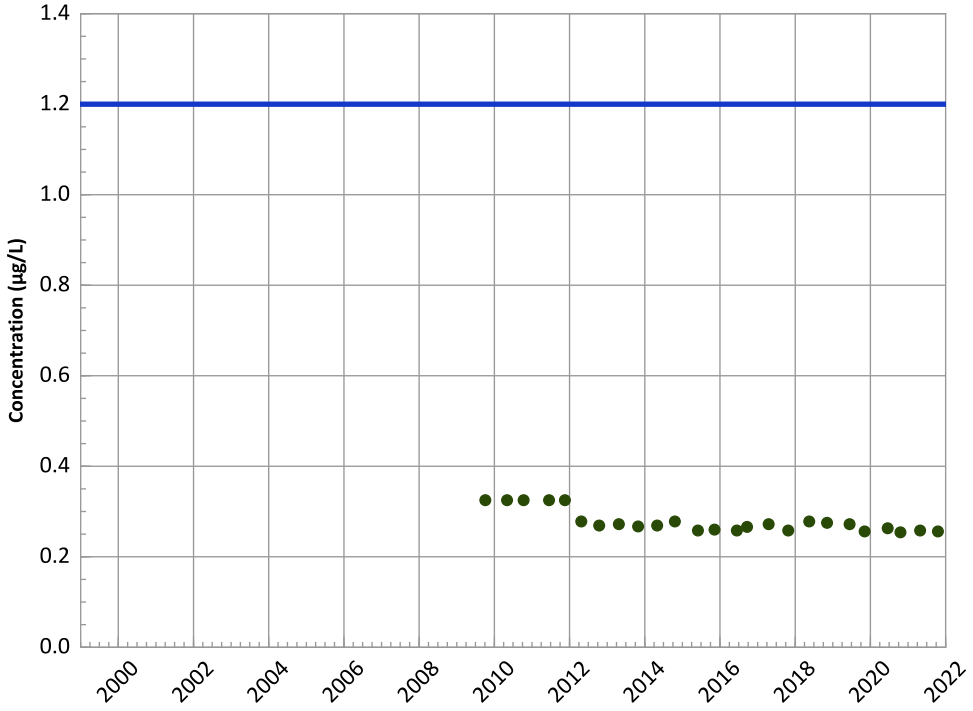


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

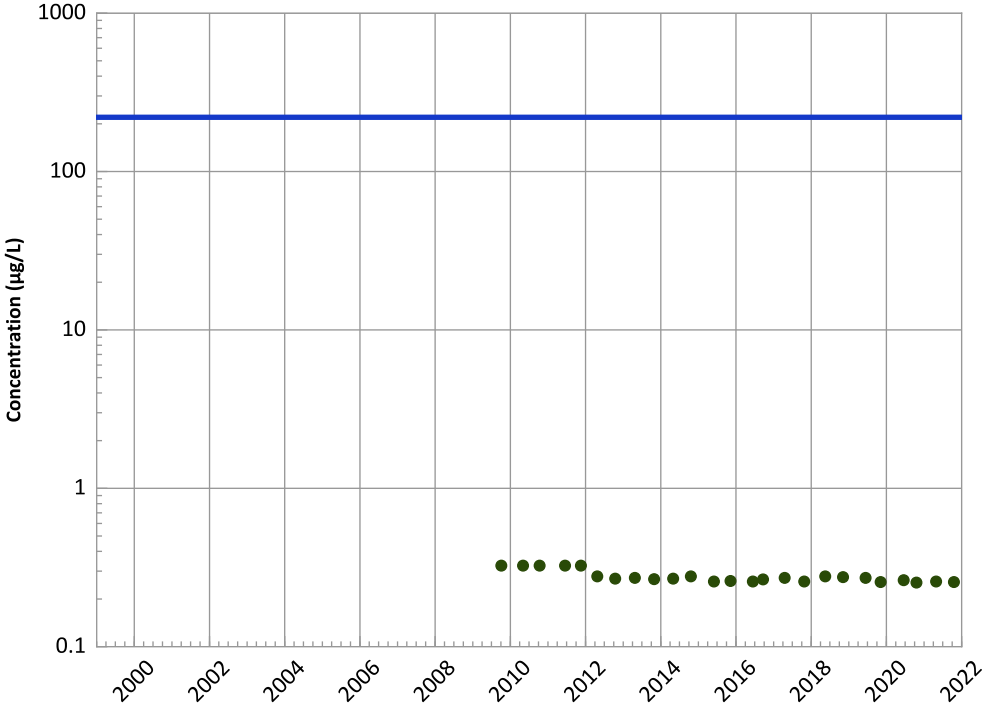


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

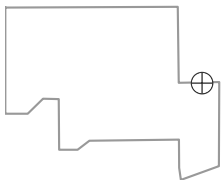
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

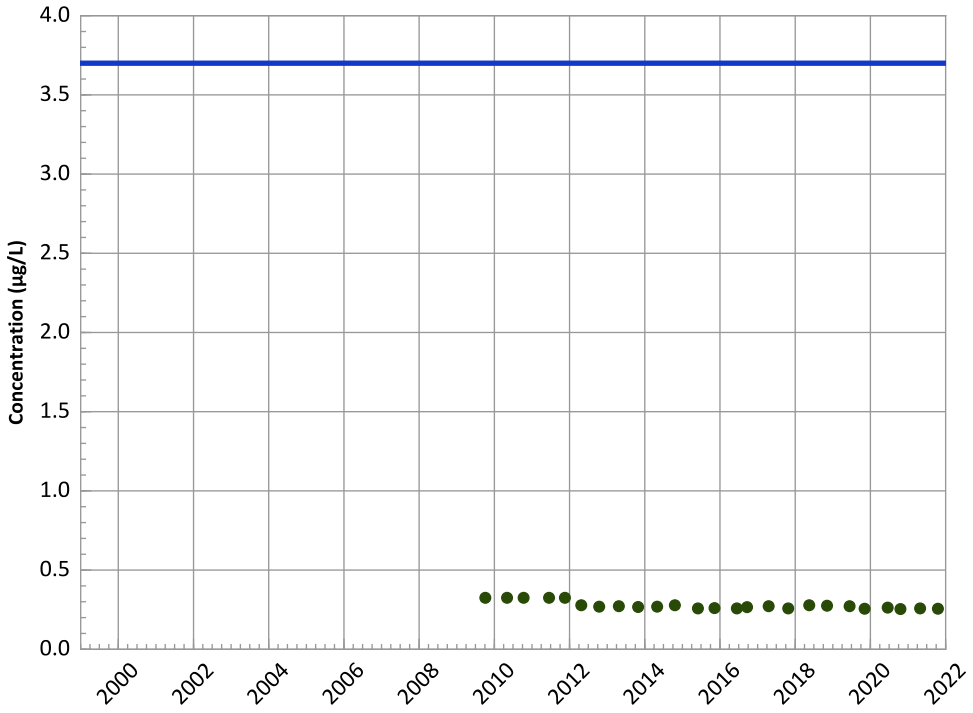
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

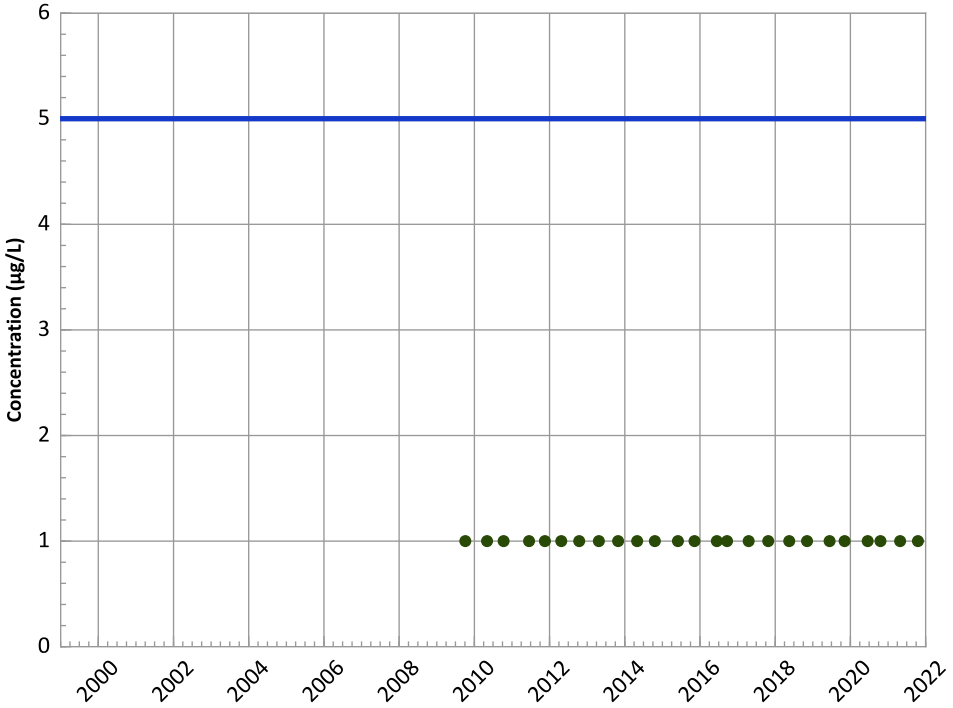


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

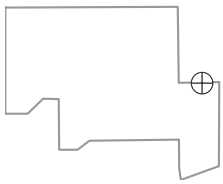
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

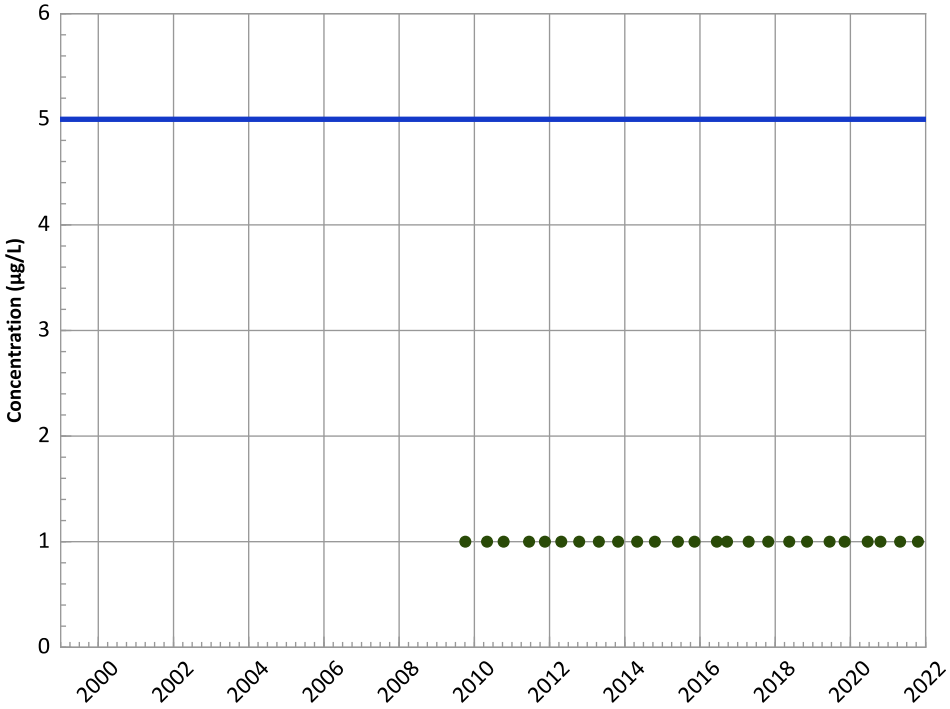
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

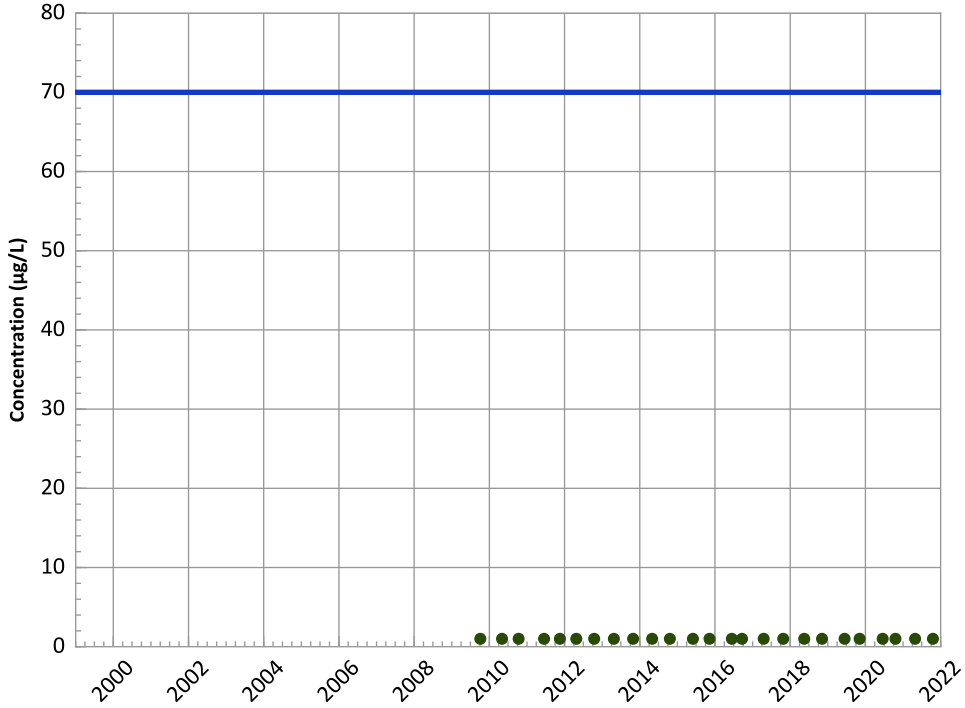


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

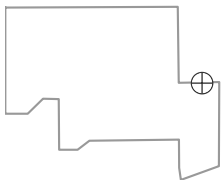
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

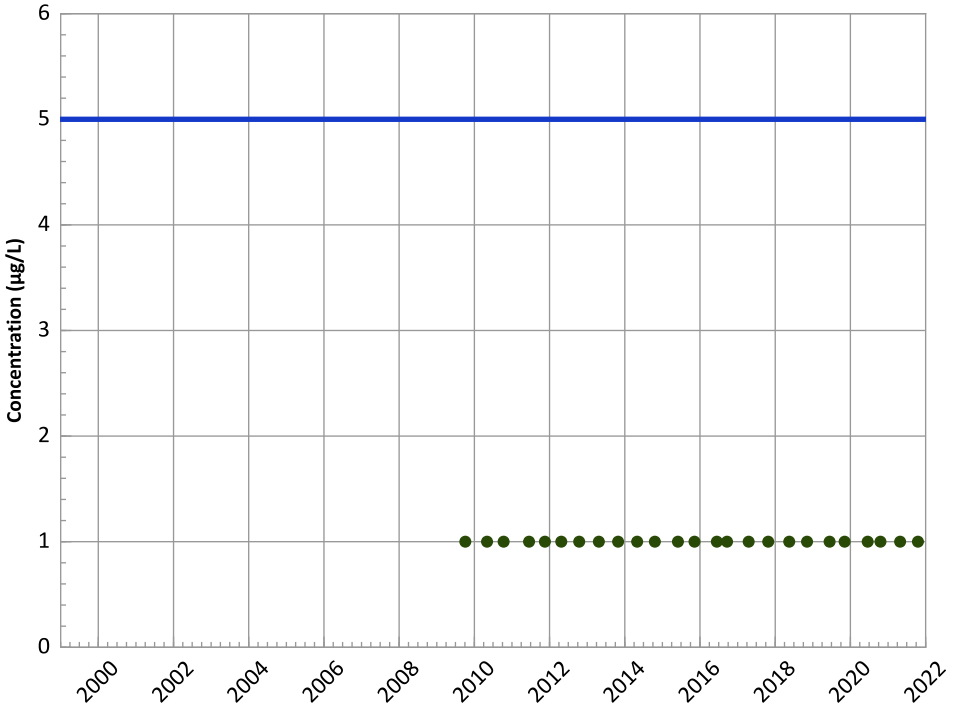
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

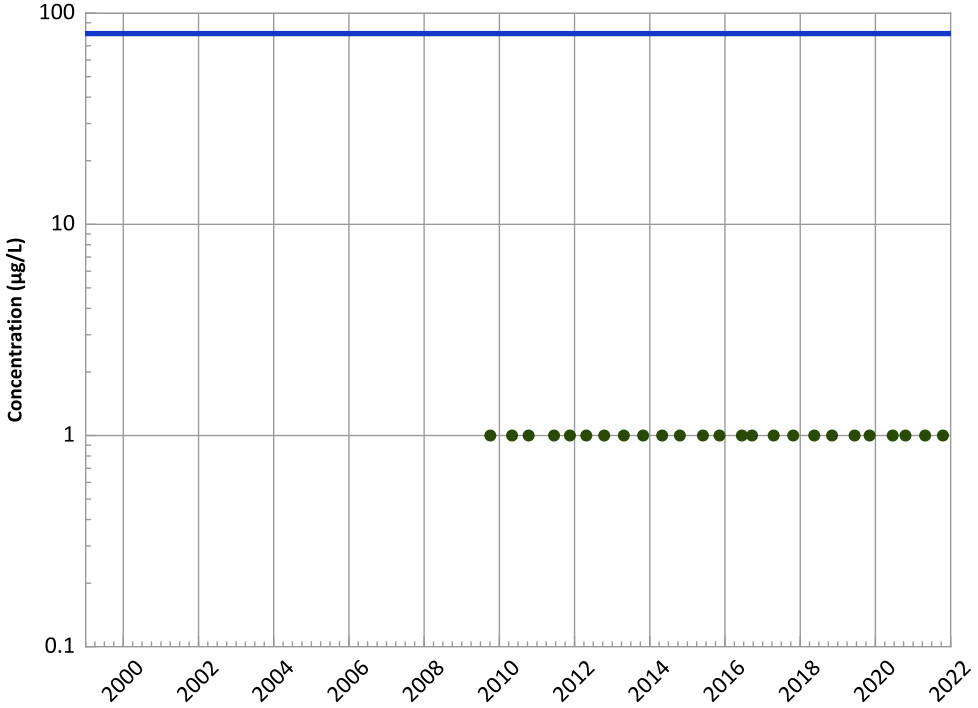


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Chloroform Trend

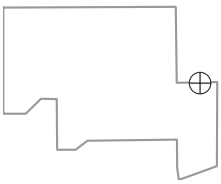


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

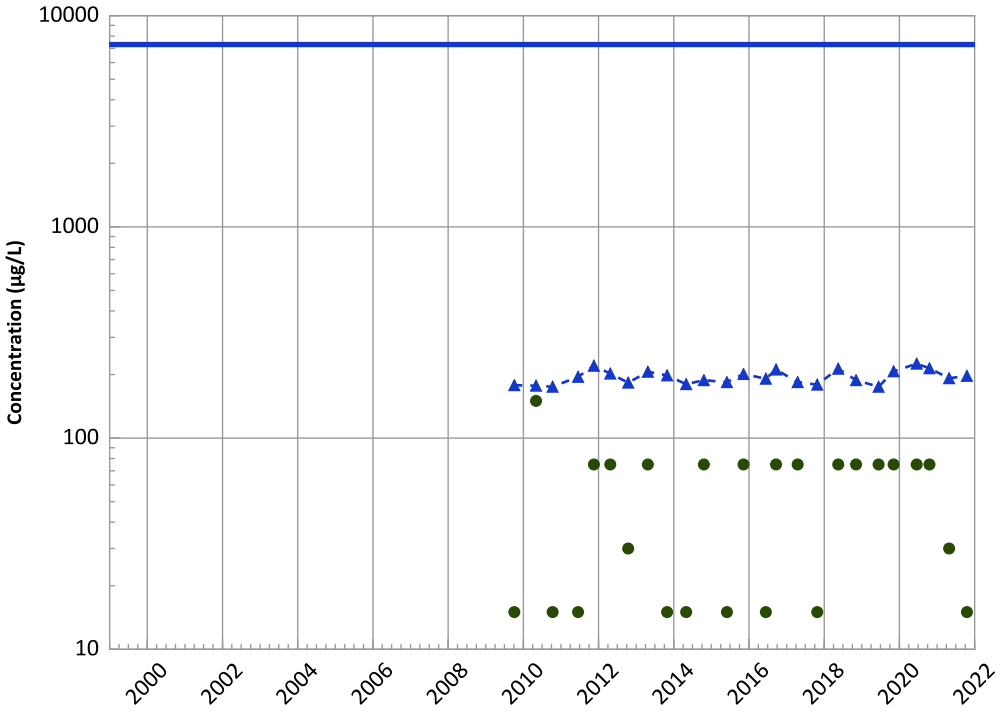


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

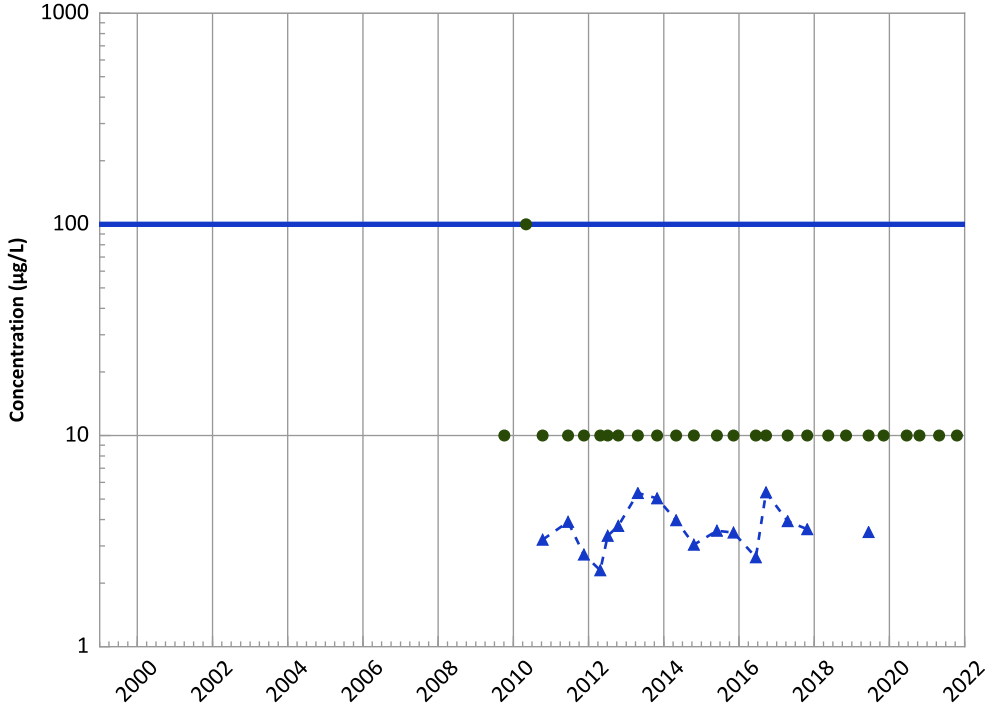


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

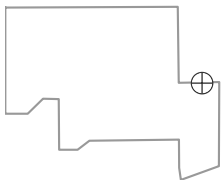
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

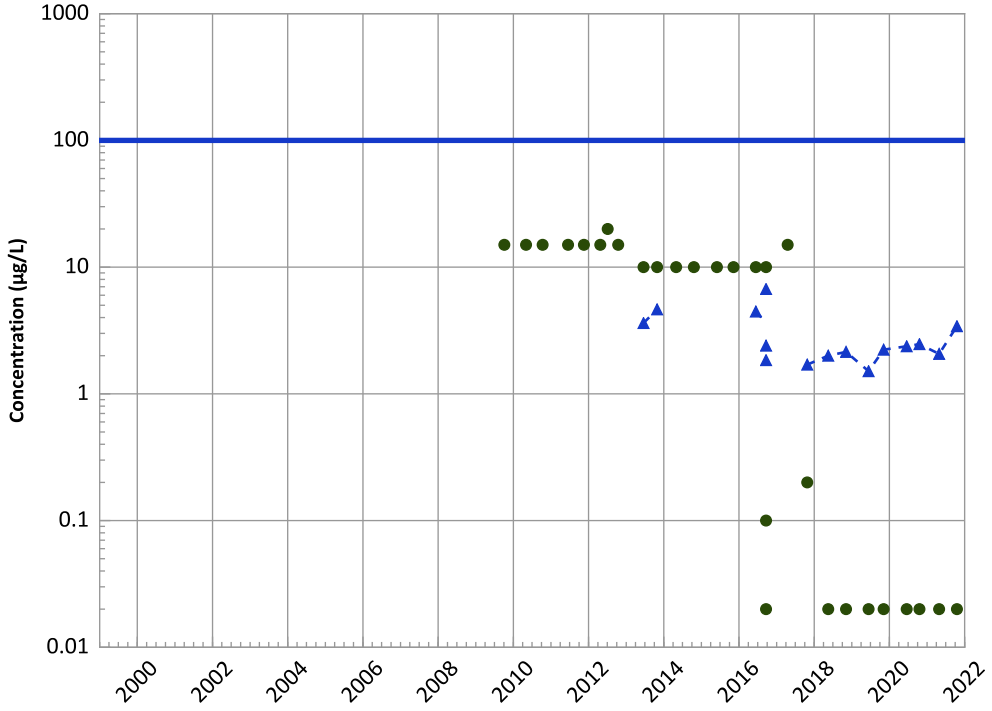
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

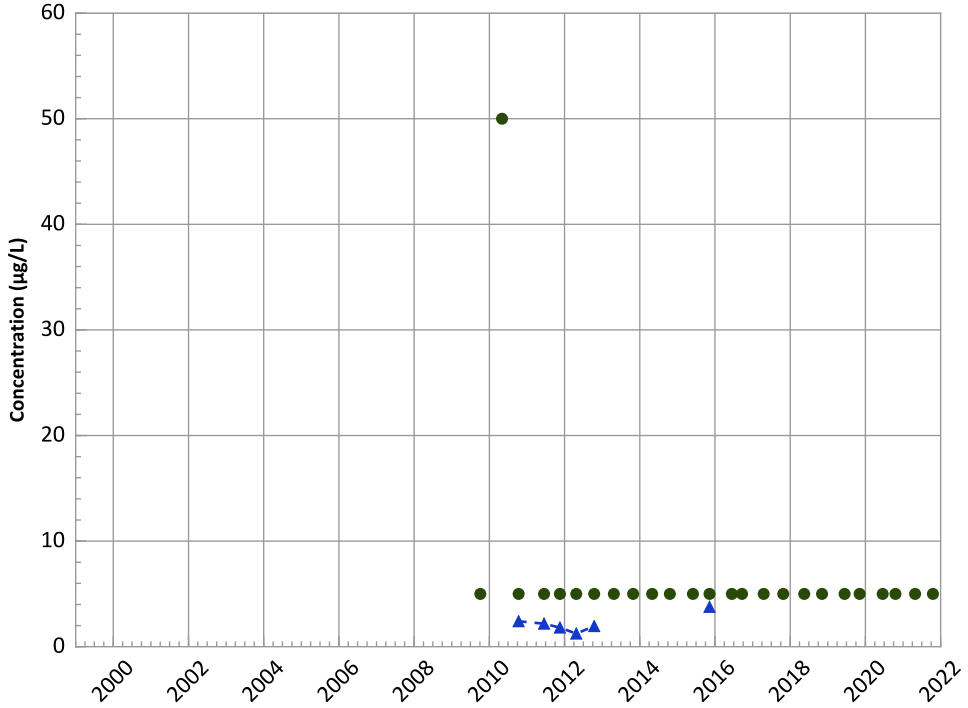


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

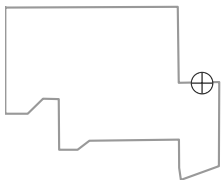
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

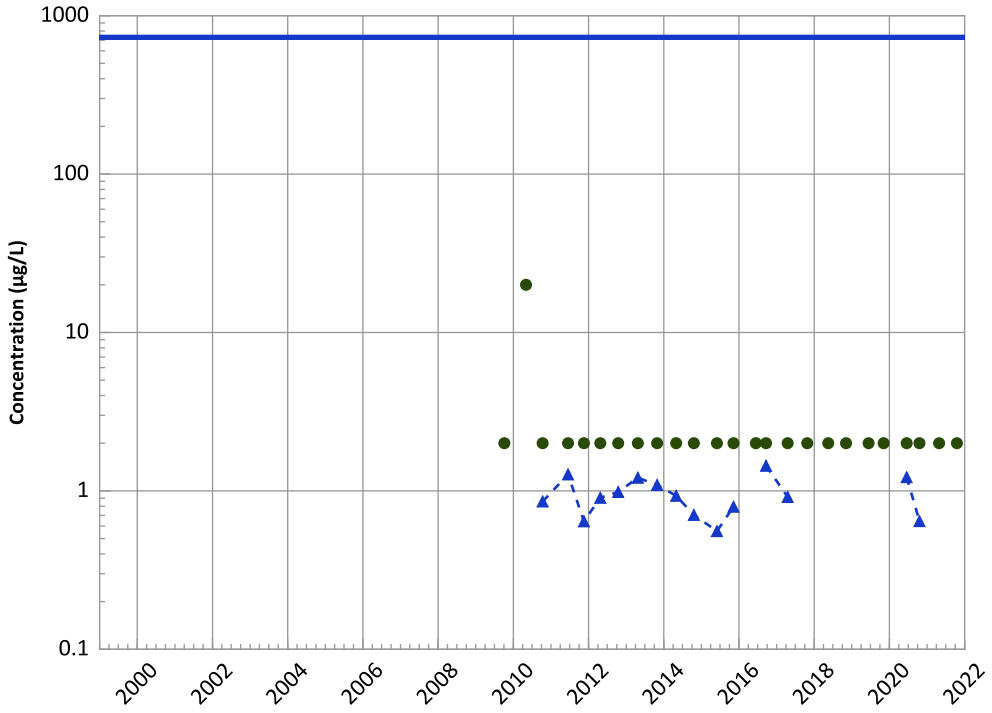
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

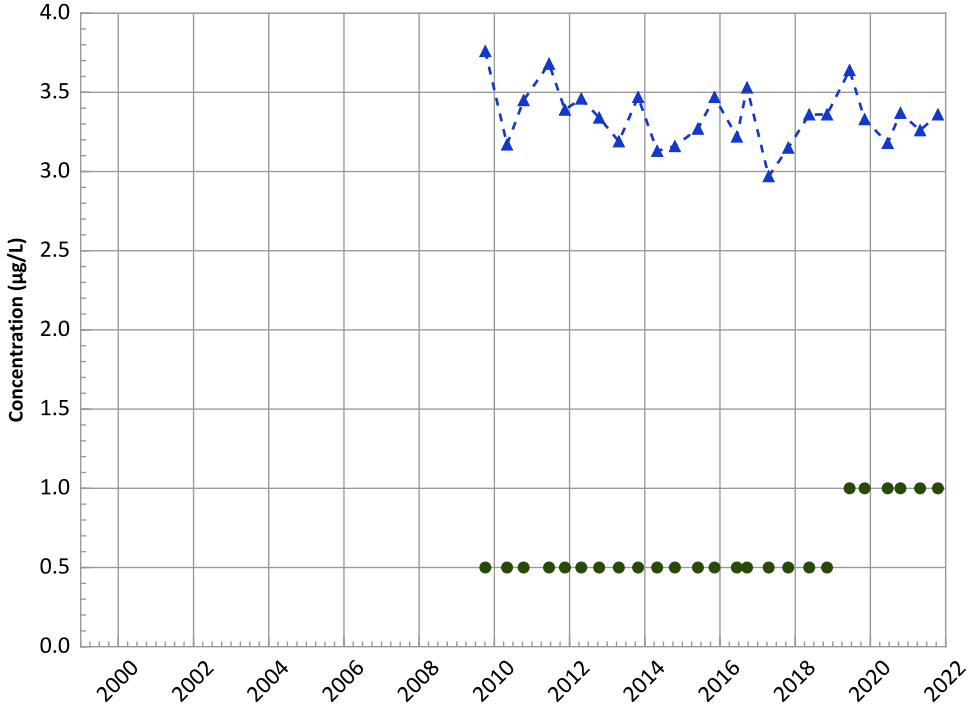


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Molybdenum Trend



Concentration Trend

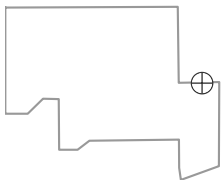
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

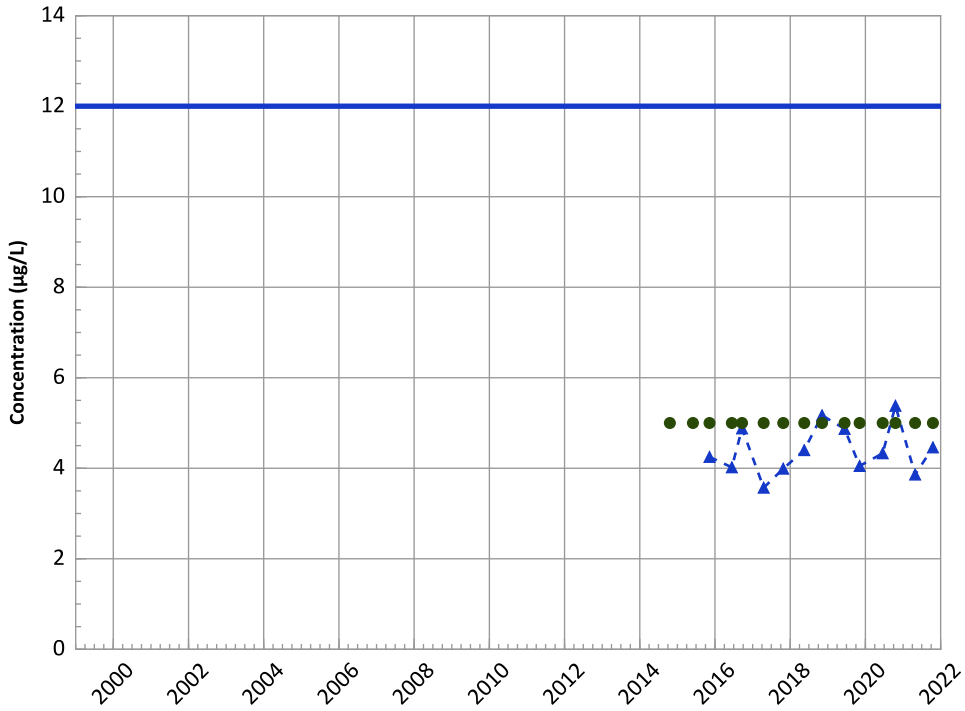
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

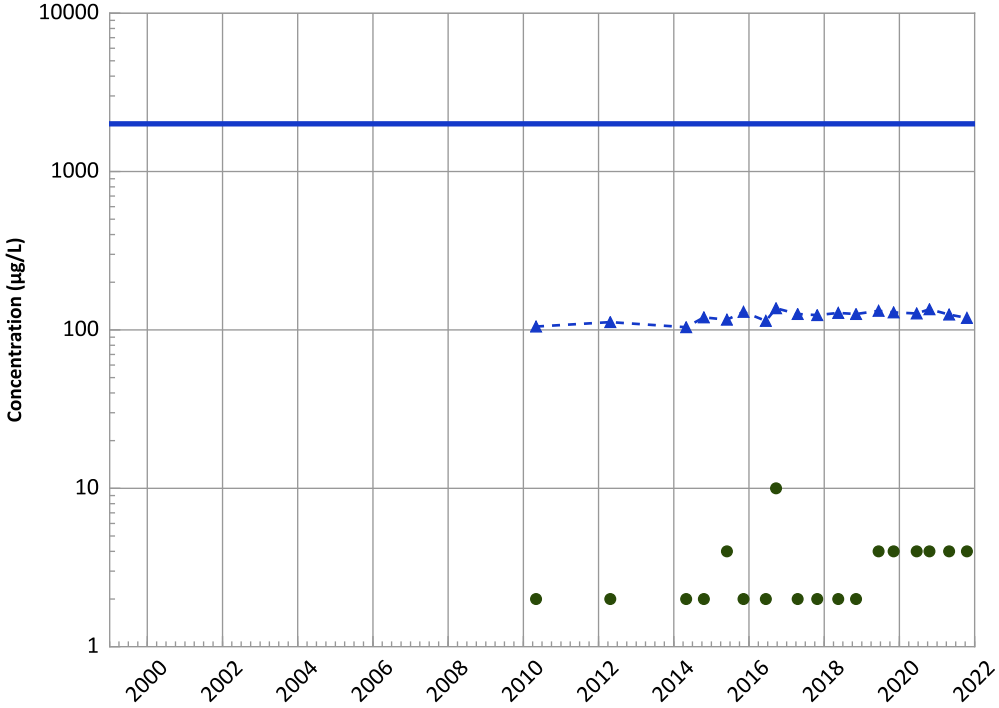


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

Barium Trend

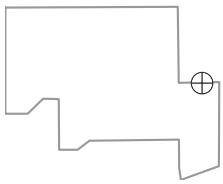


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Well Location

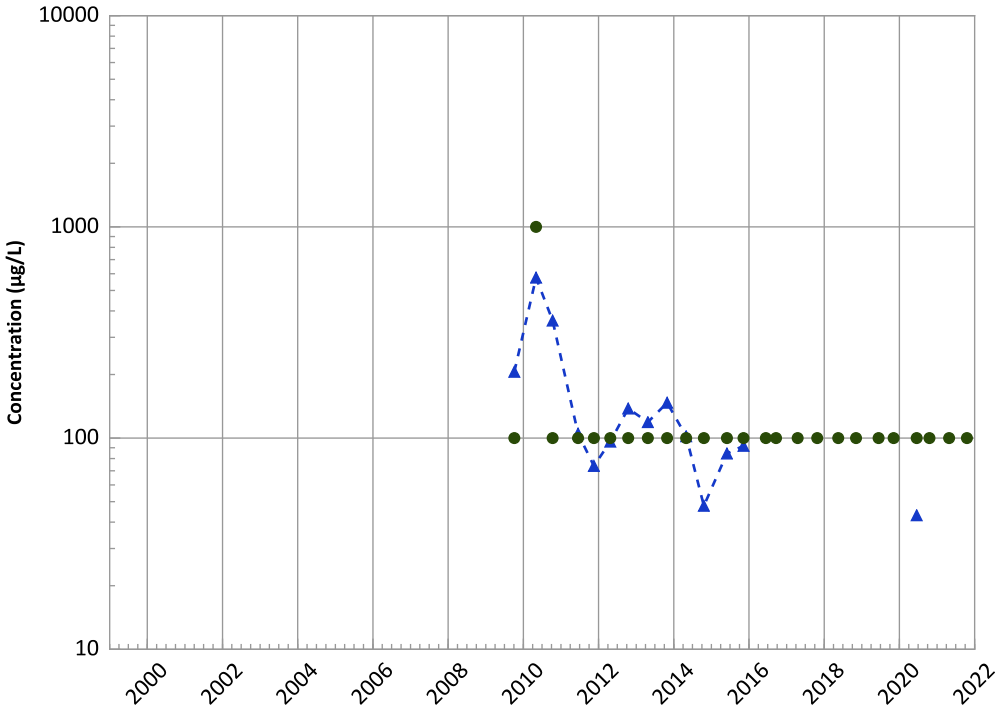


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1140 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

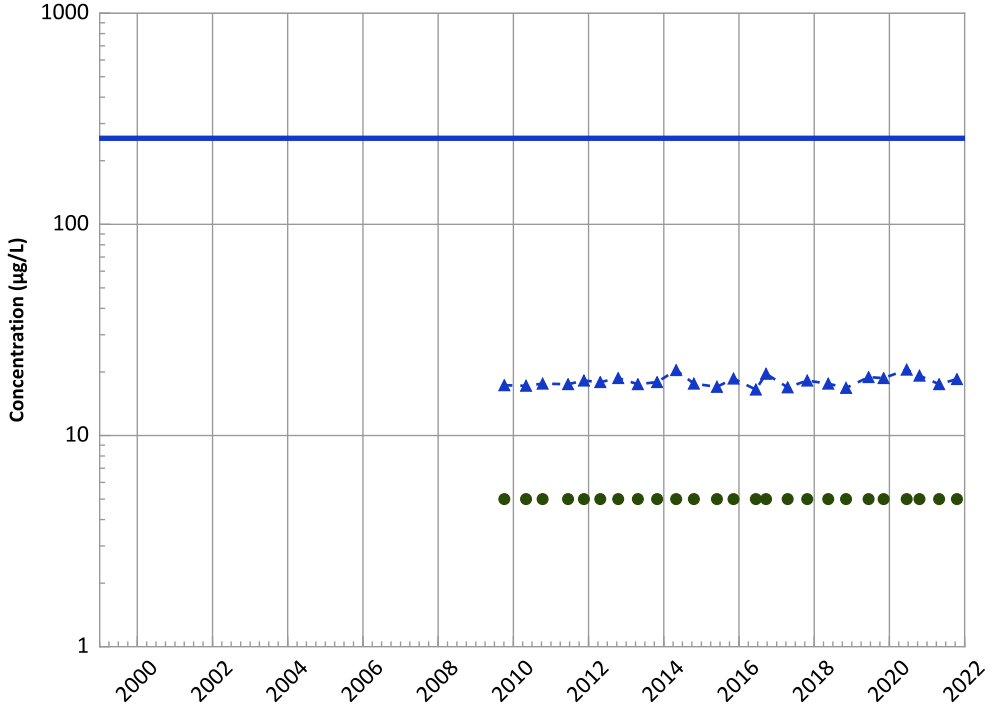


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

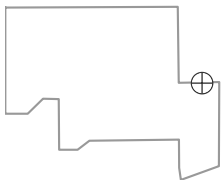
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Stable

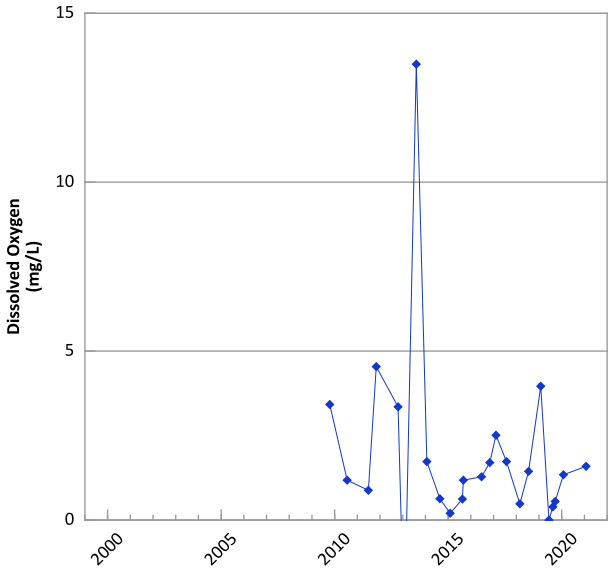
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/05/2009 to 10/18/2021
Analysis Date: 04/29/2022

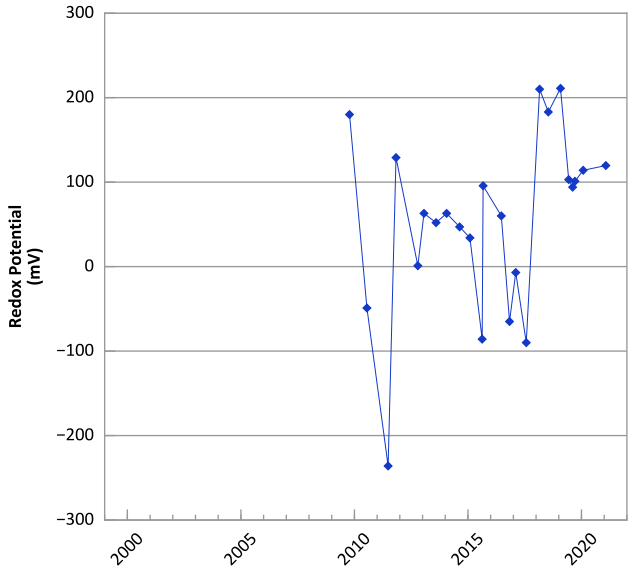
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

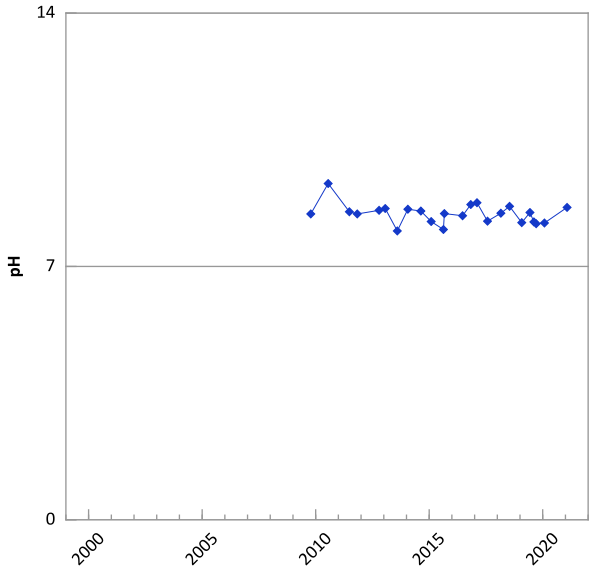
Well Location

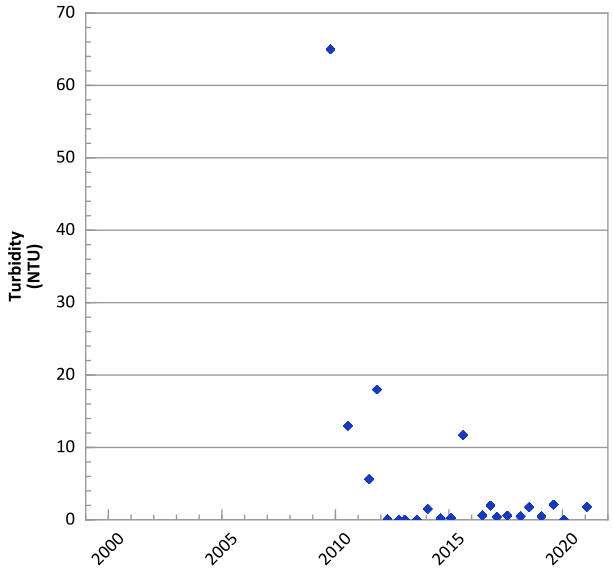


PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



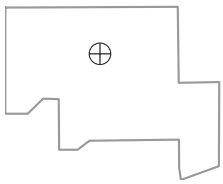






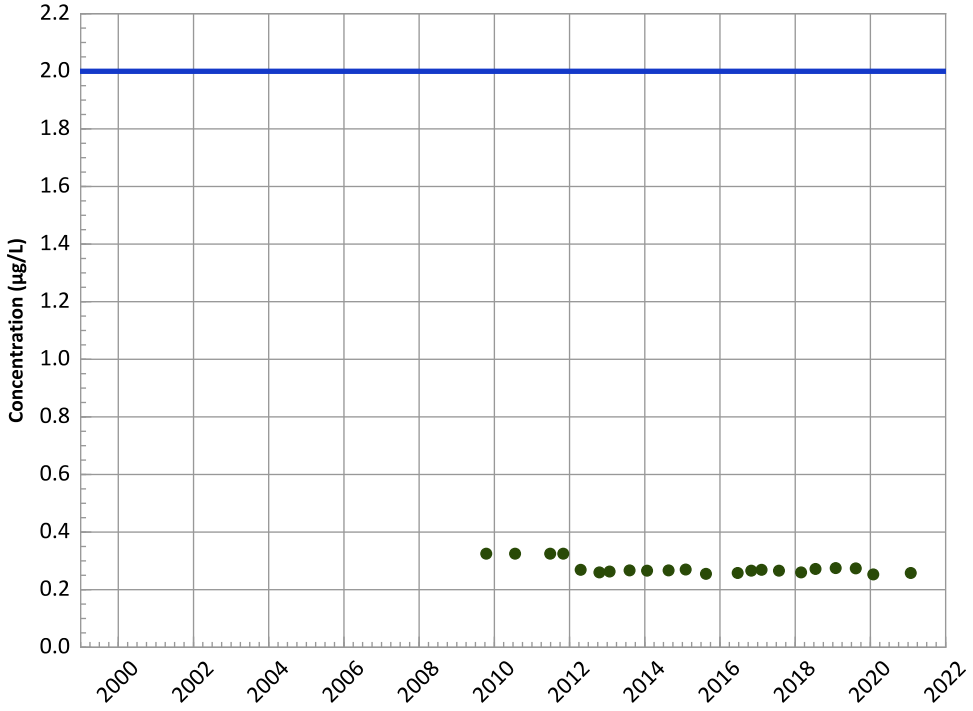
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

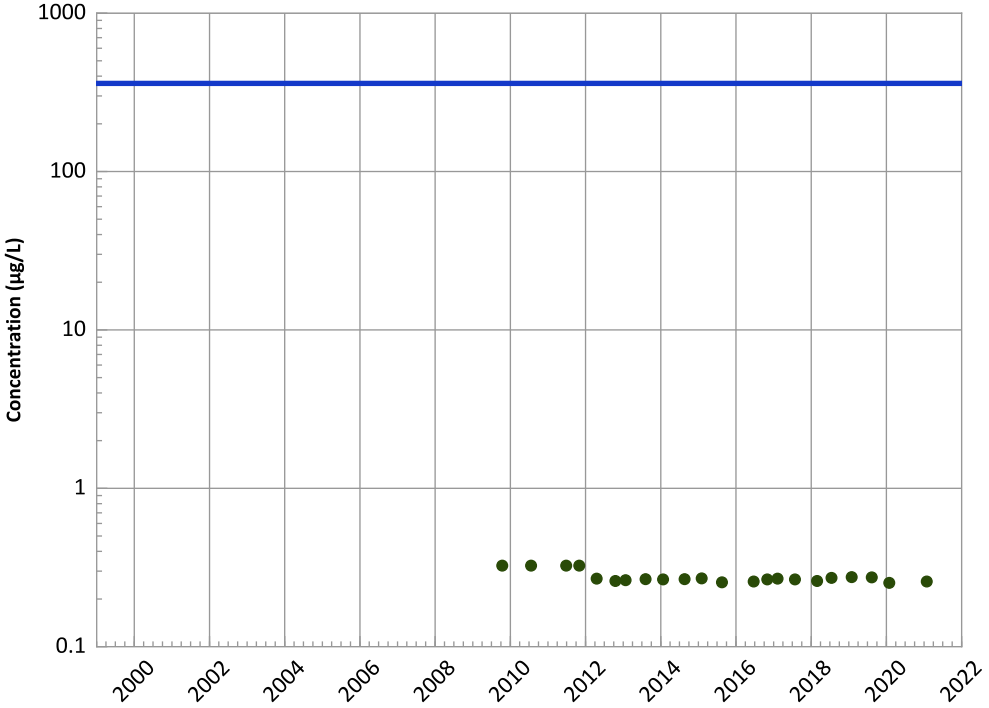


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

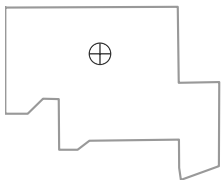
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

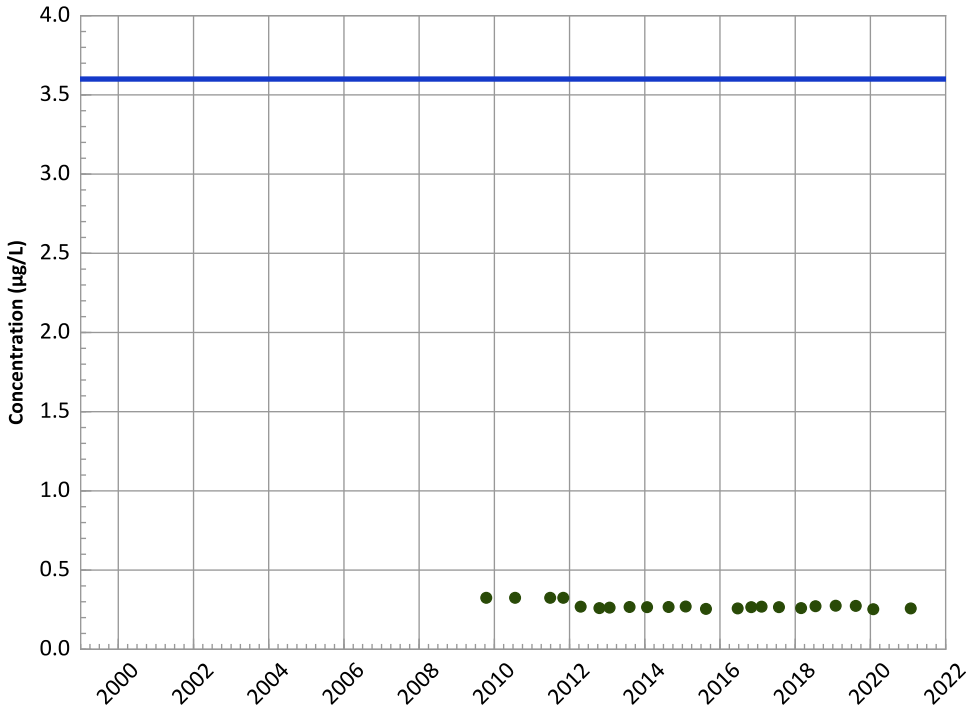
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

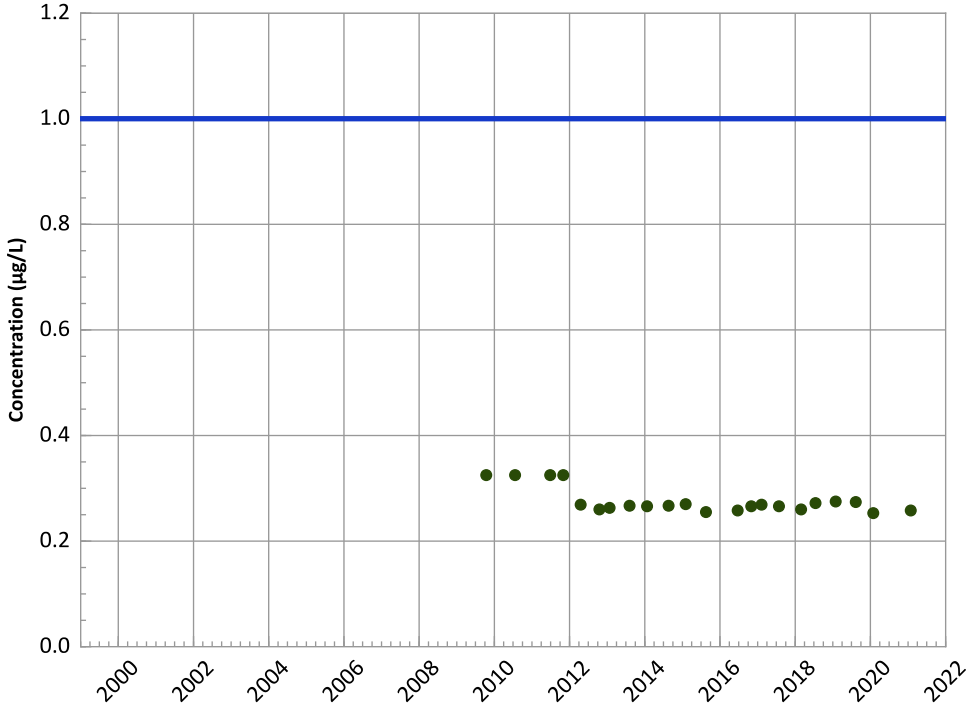


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

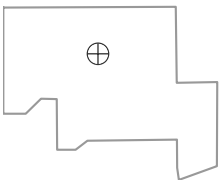
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

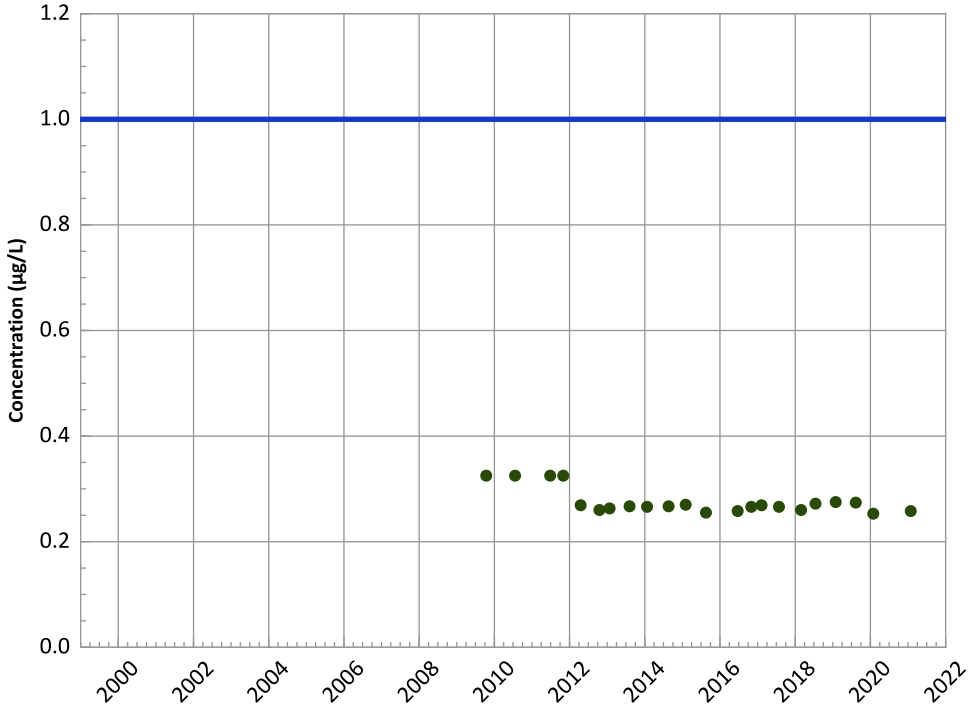
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

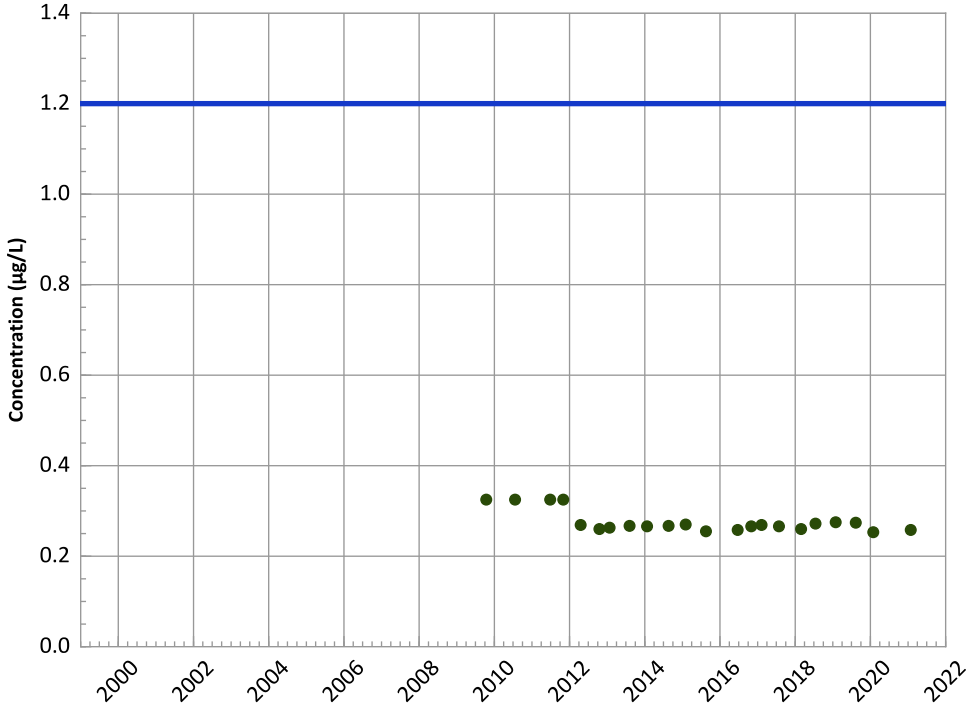


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

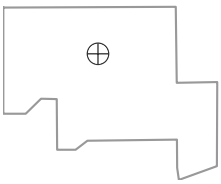


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

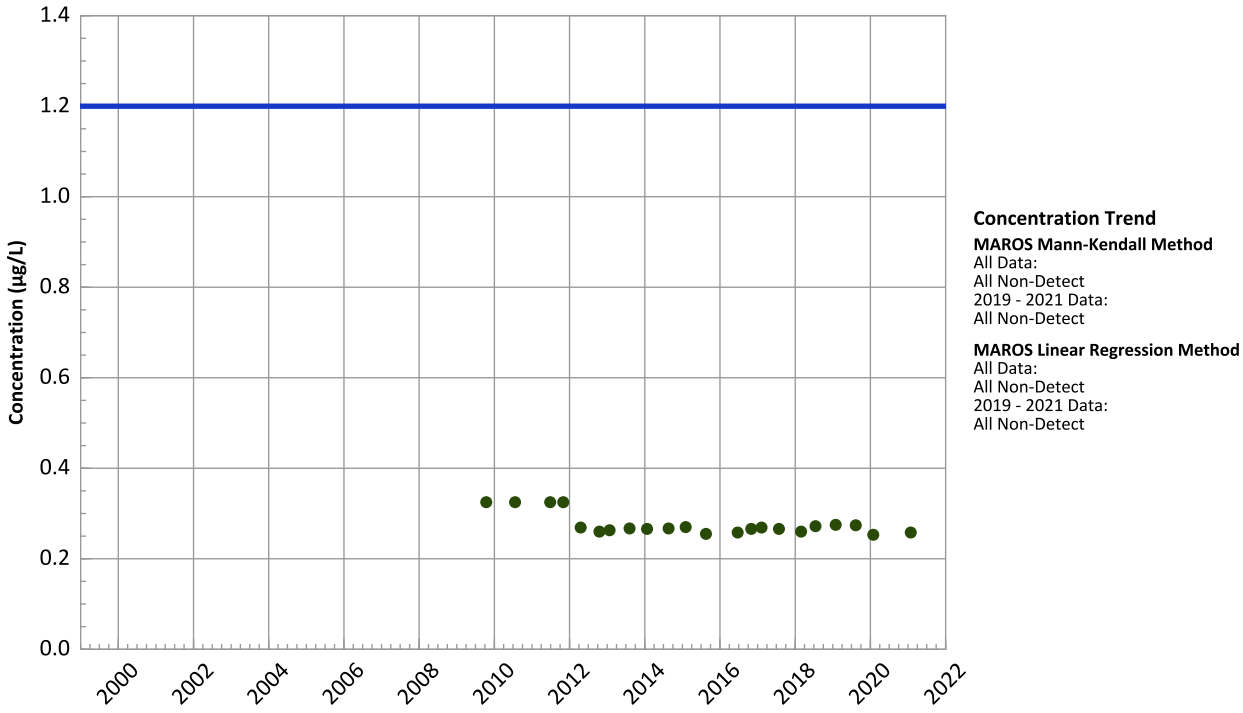


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

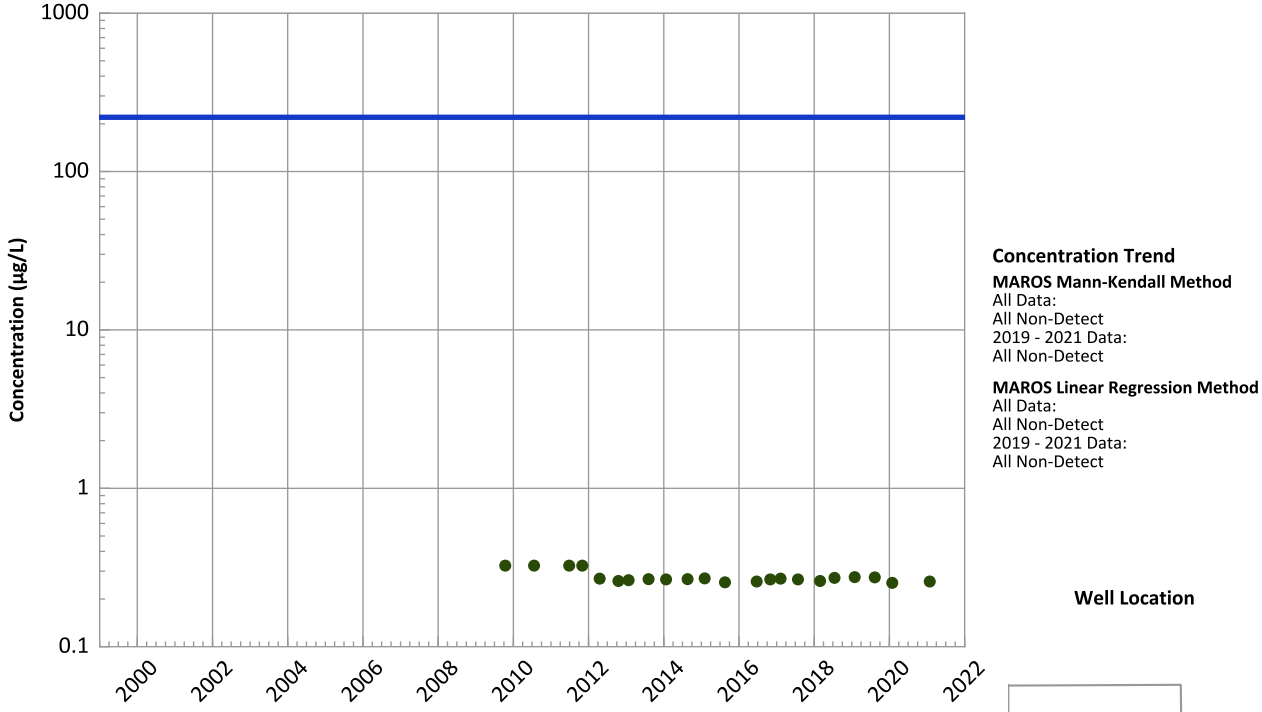
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend



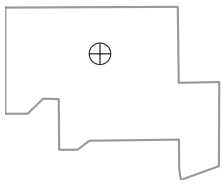
1,3,5-Trinitrobenzene Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

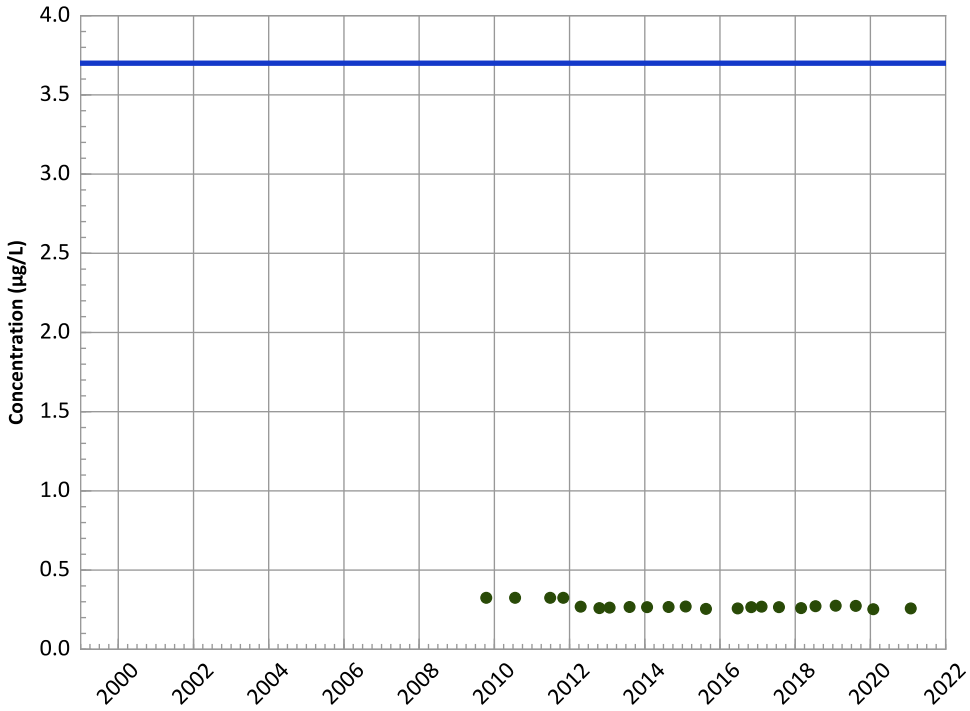
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

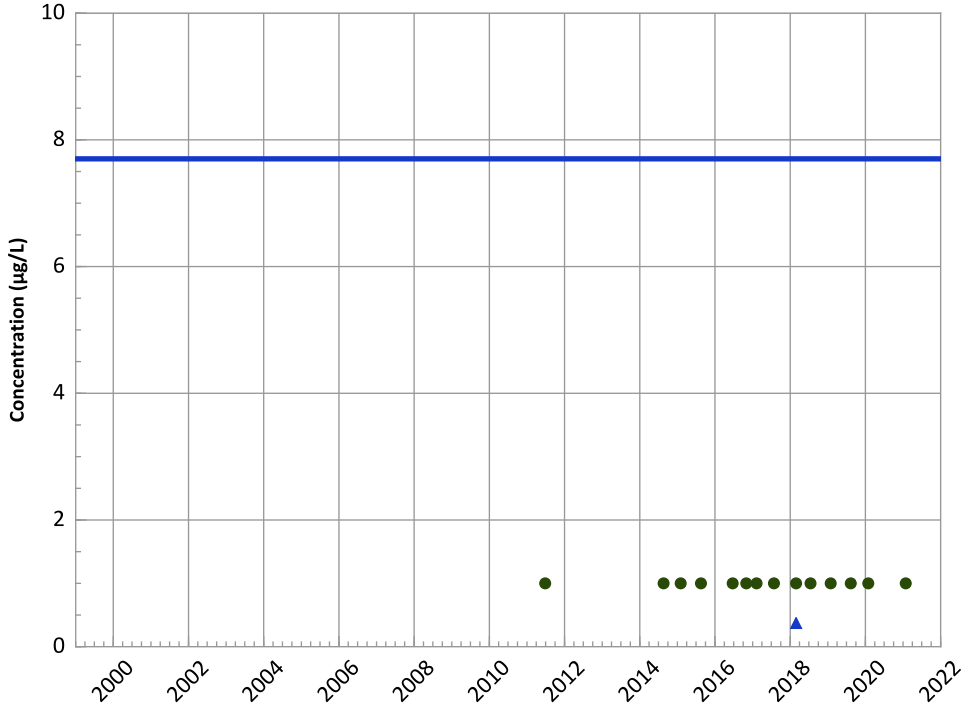


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

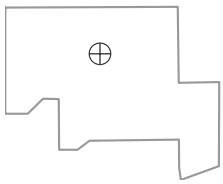
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

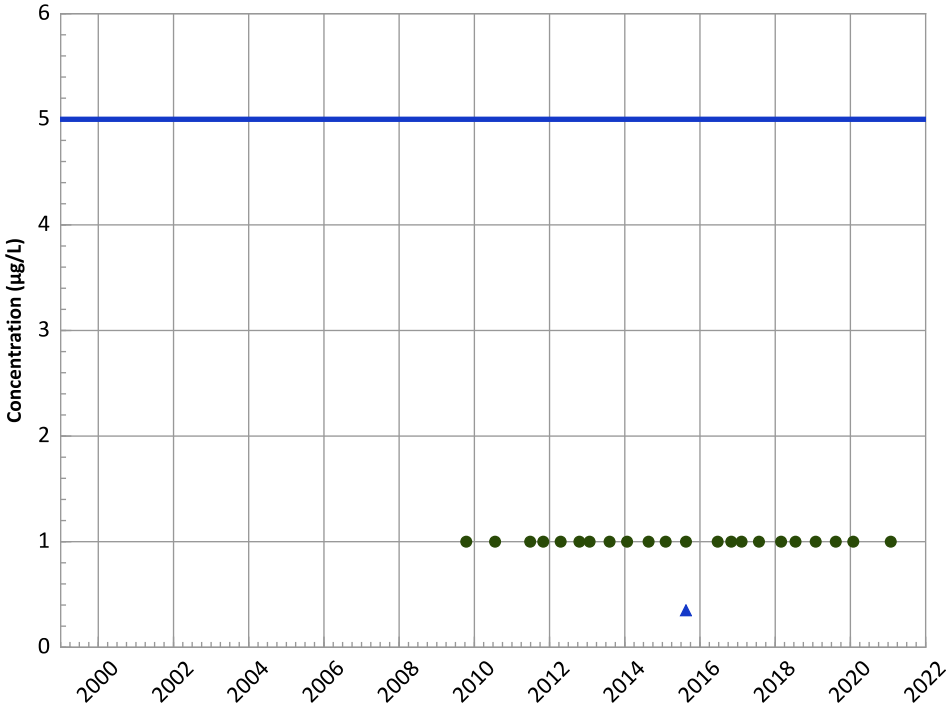
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

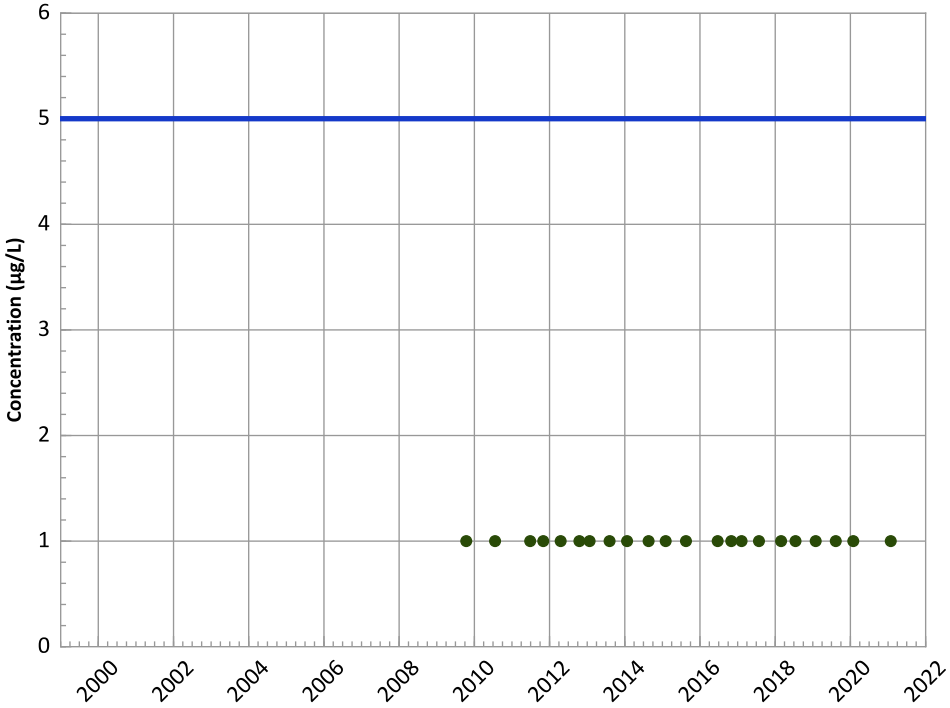


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Trichloroethene Trend

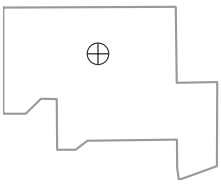


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

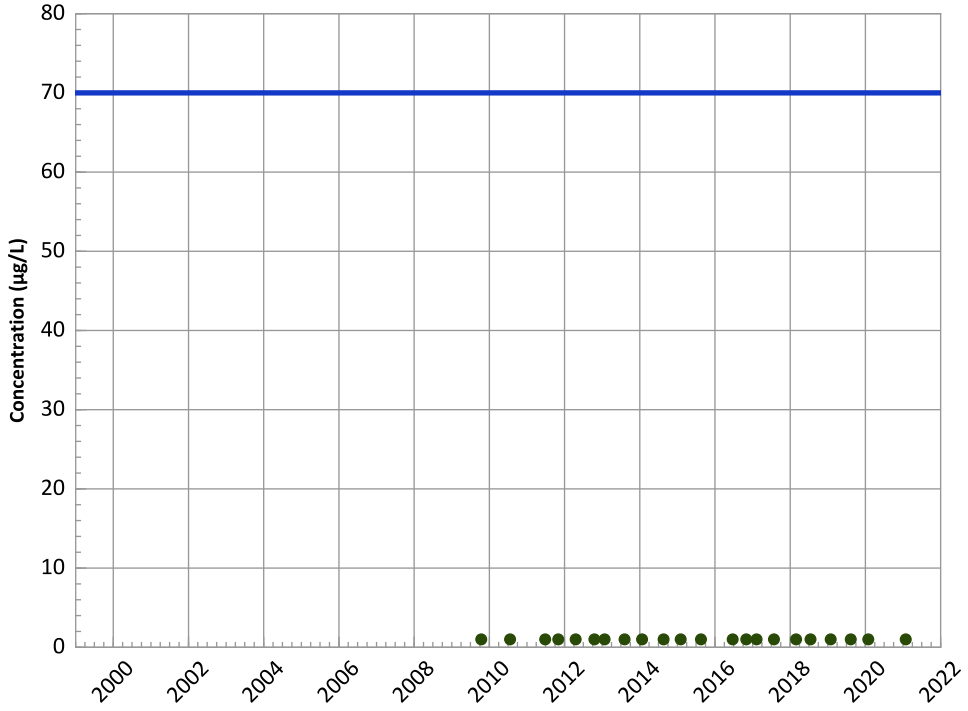


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

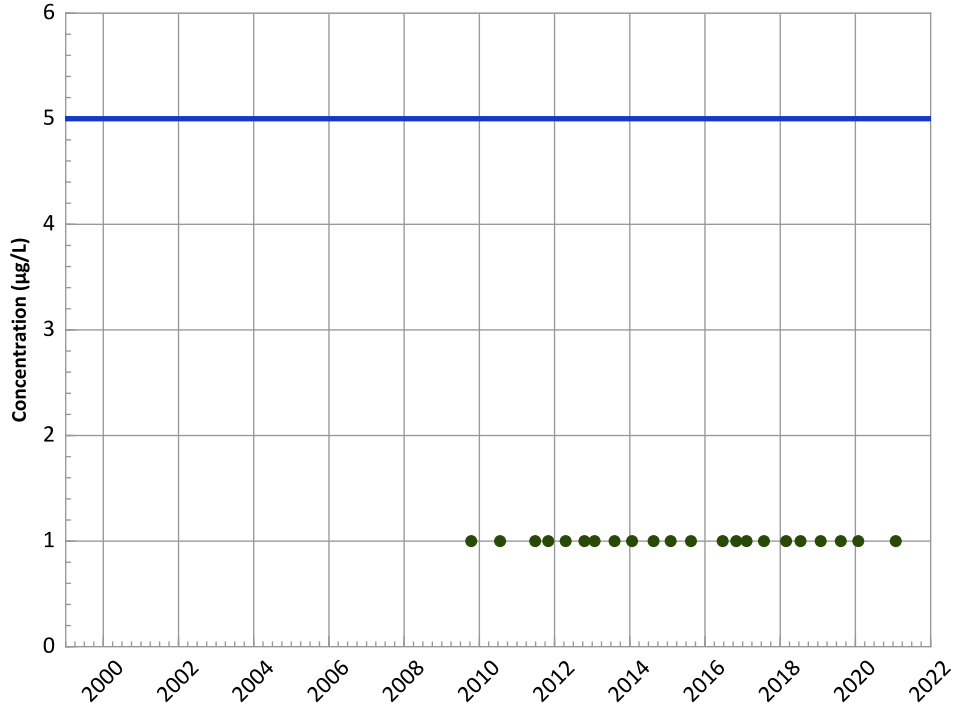


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

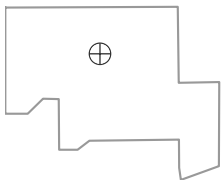


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

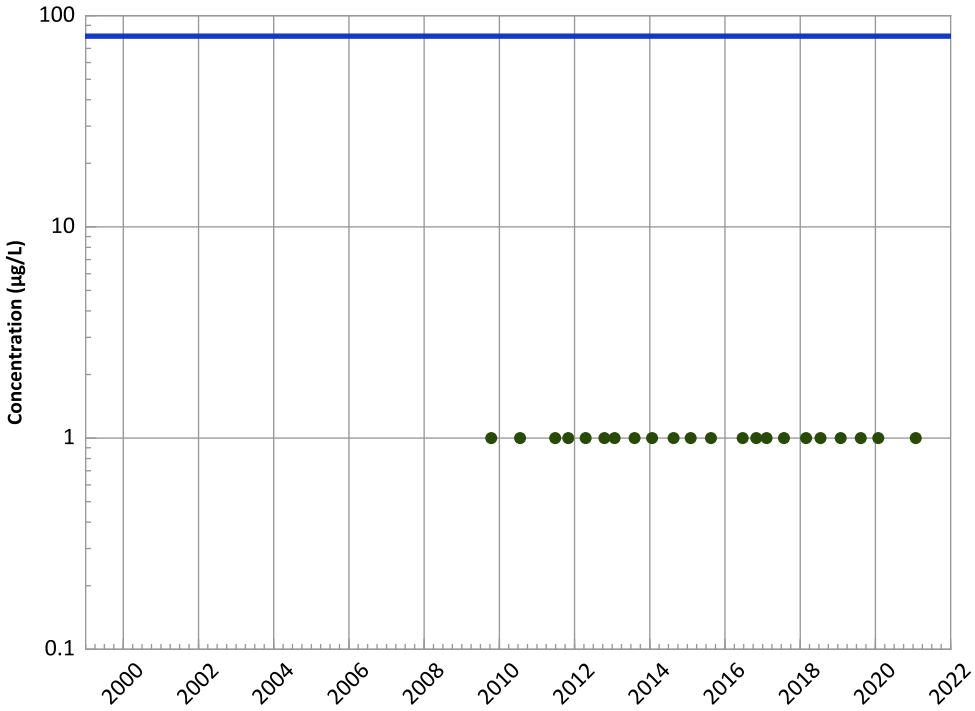


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

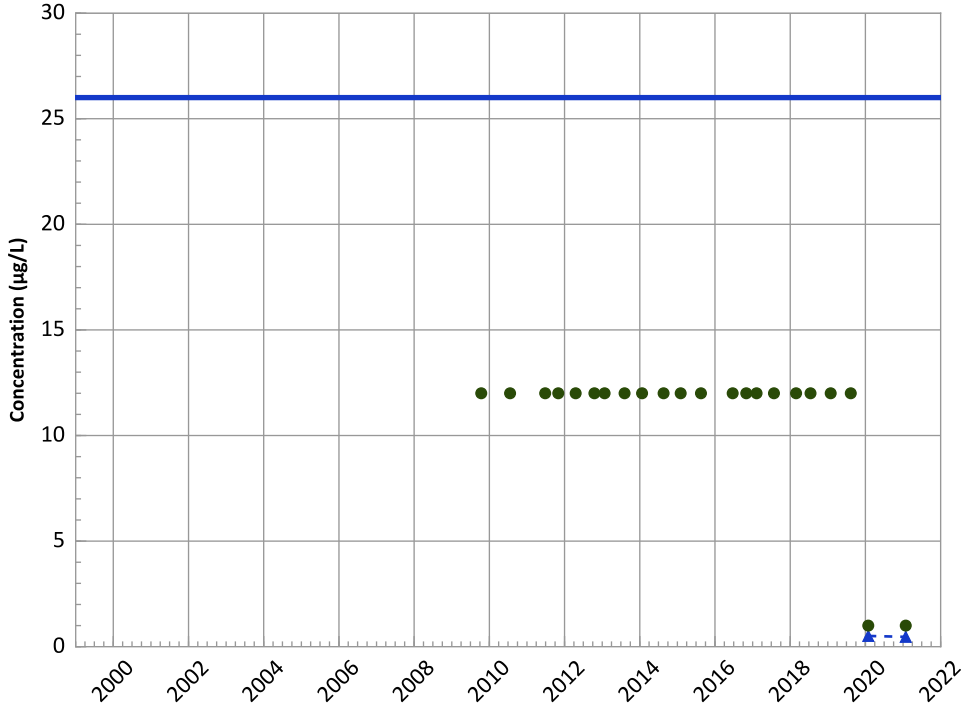


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

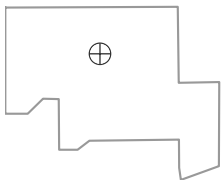
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

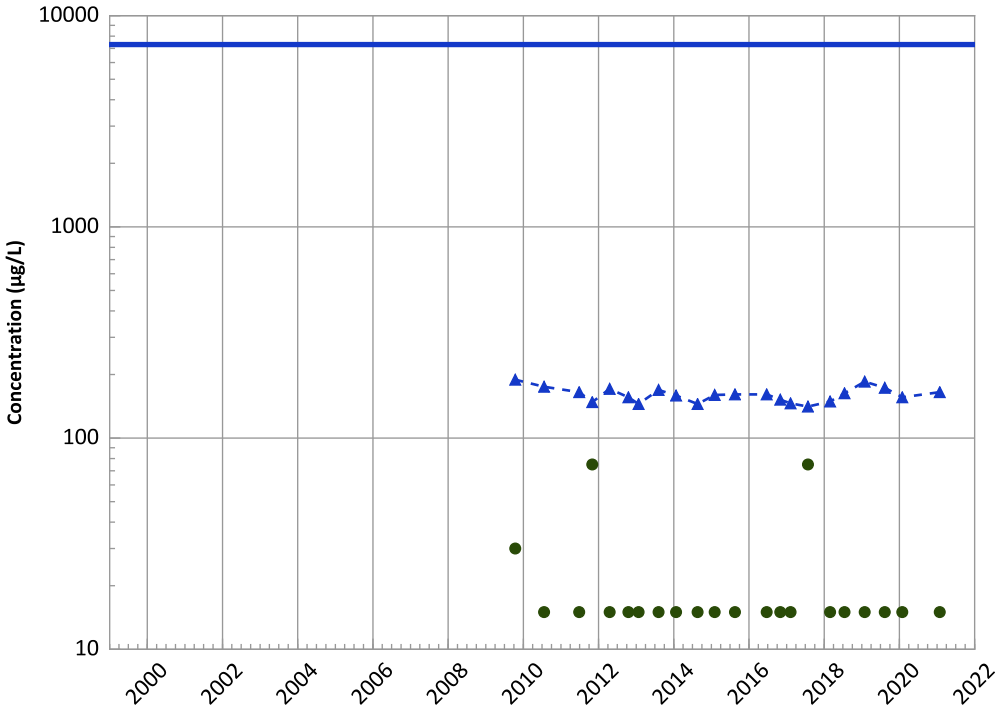
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

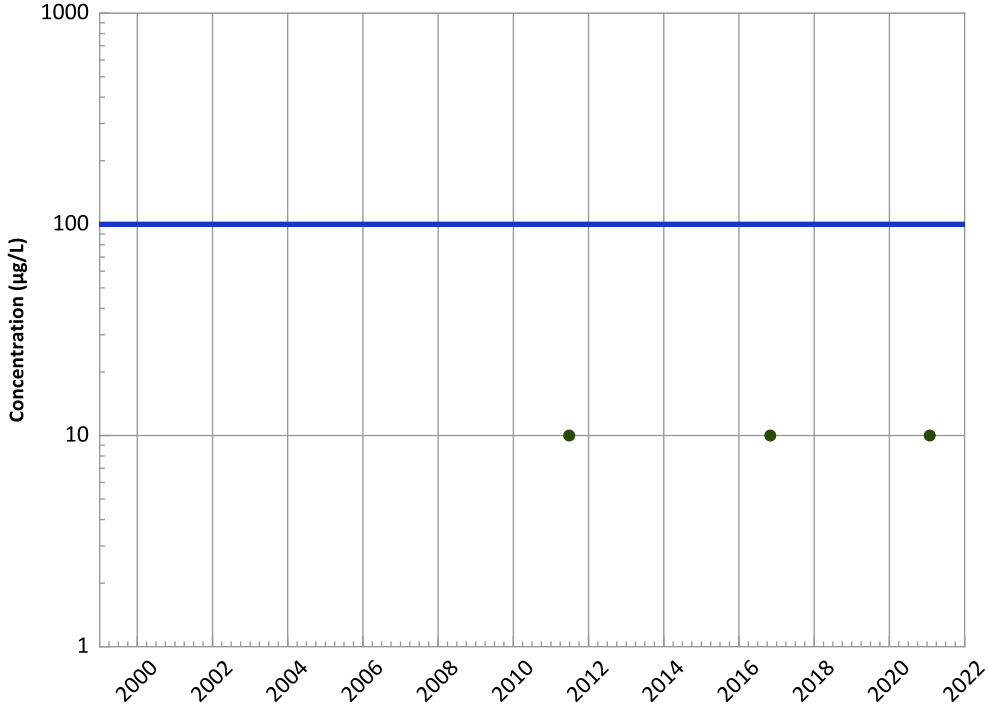


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

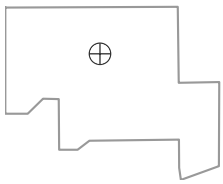
MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

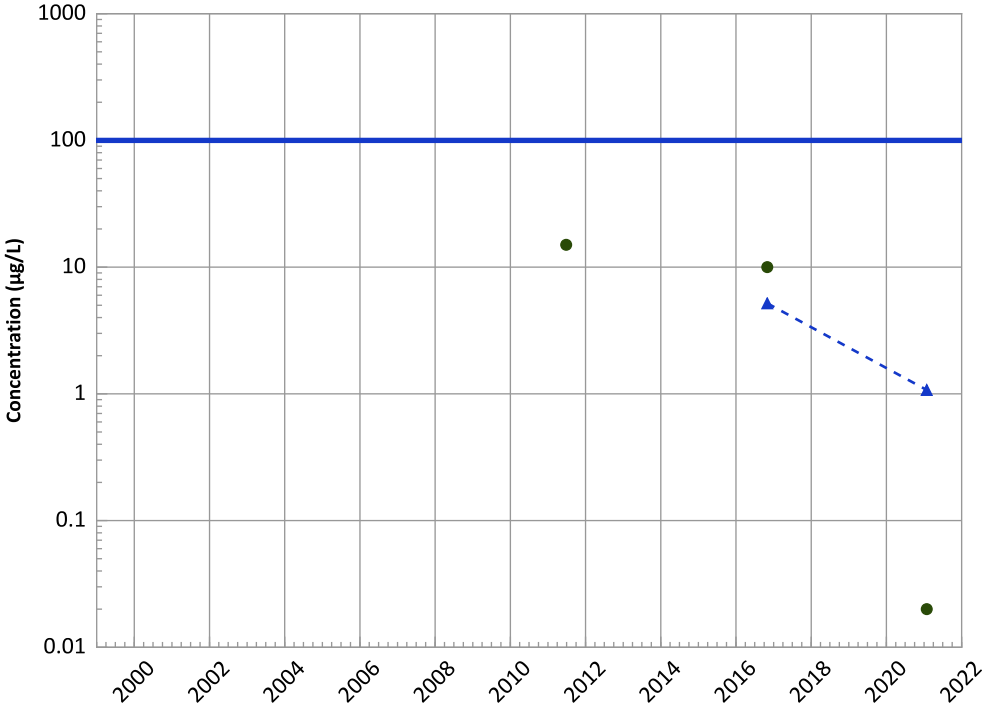
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

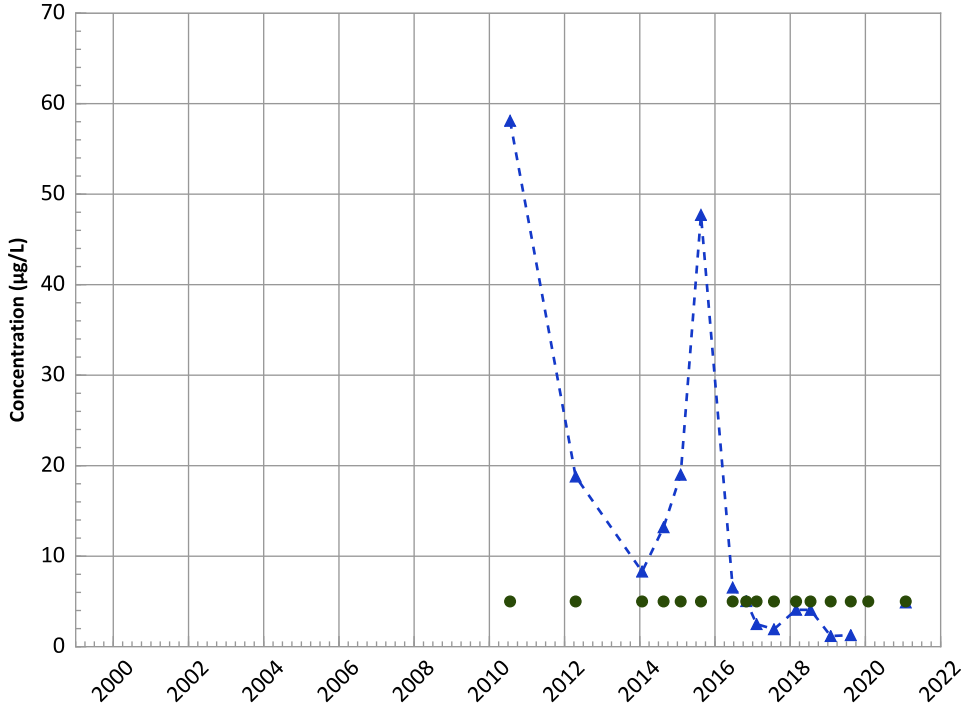


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

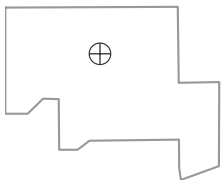
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

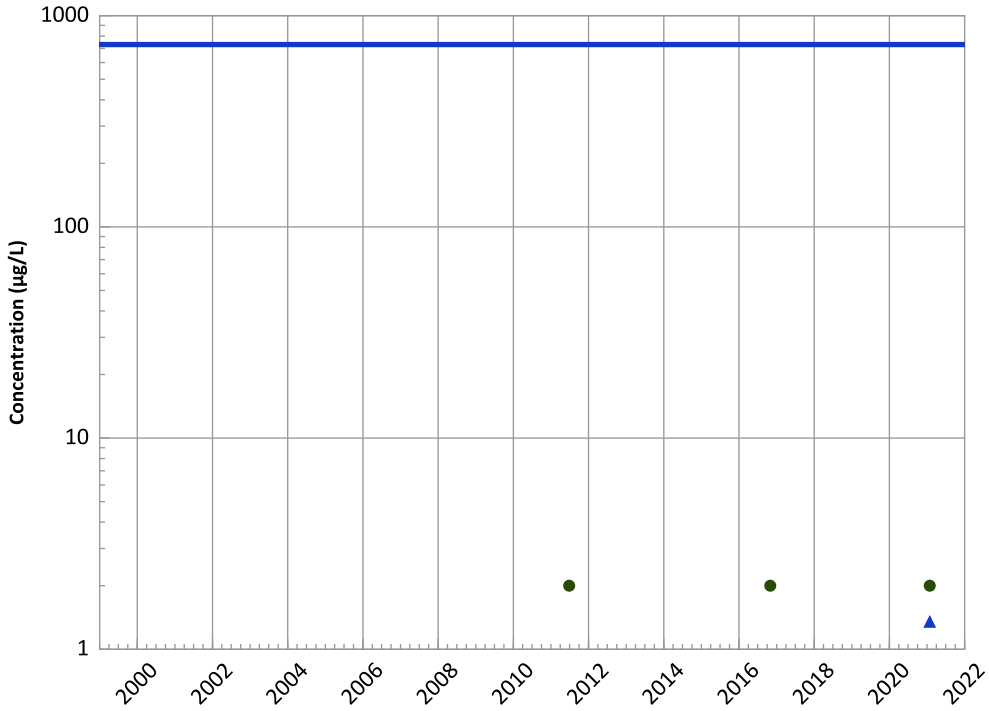
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

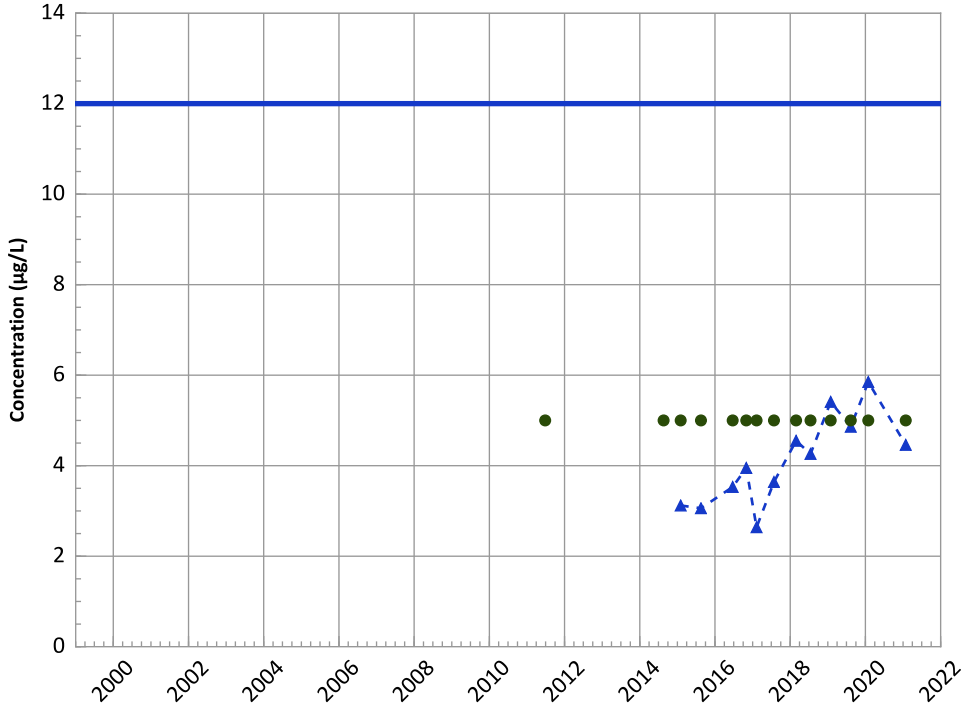


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

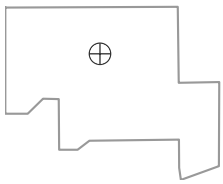
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

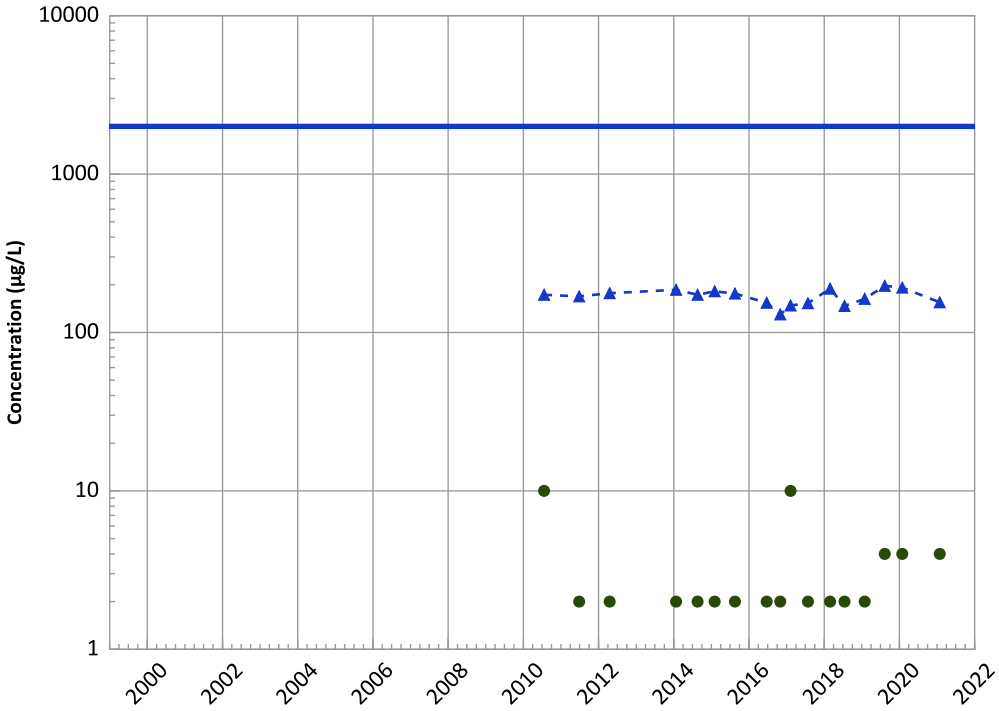
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1141 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

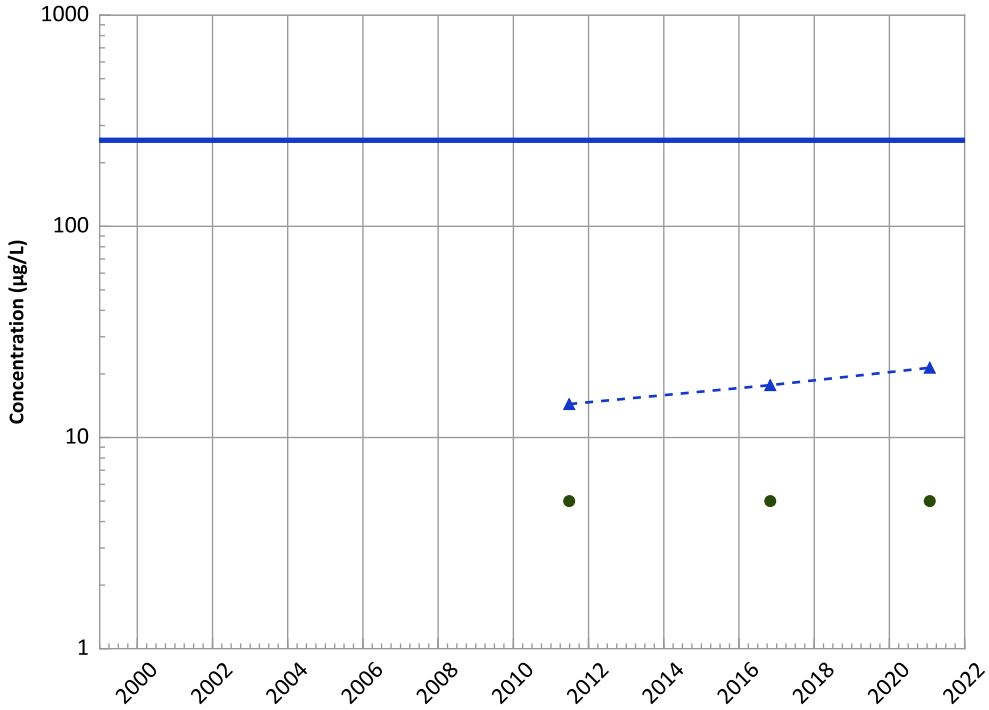


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Vanadium Trend



Concentration Trend

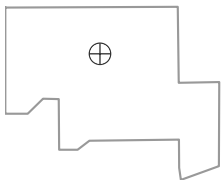
MAROS Mann-Kendall Method
All Data:
N/A (<4 Samples in Dataset)
2019 - 2021 Data:
N/A (<4 Samples in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

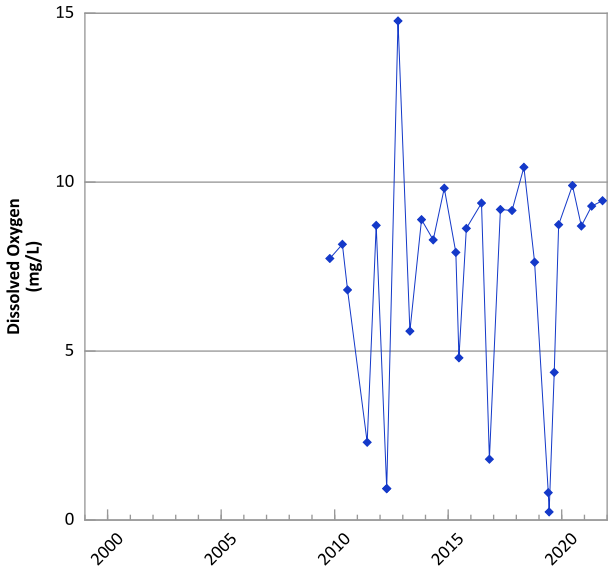
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/14/2009 to 01/27/2021
Analysis Date: 04/29/2022

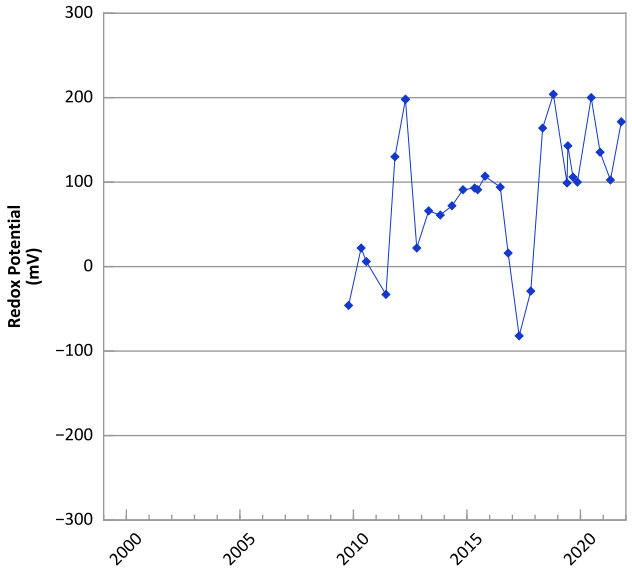
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

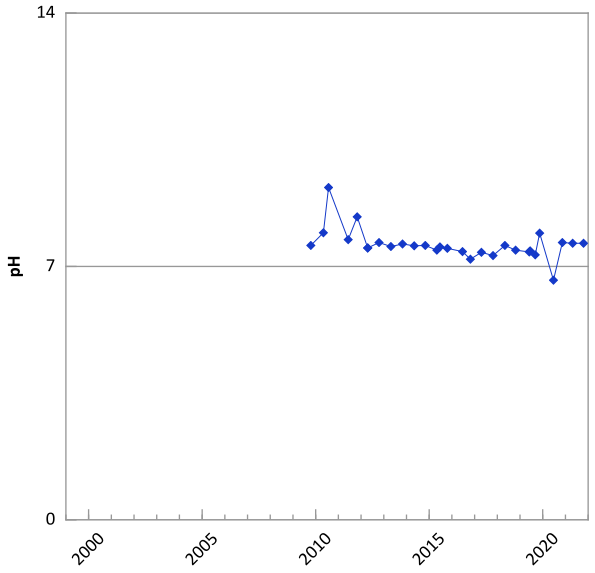
Well Location

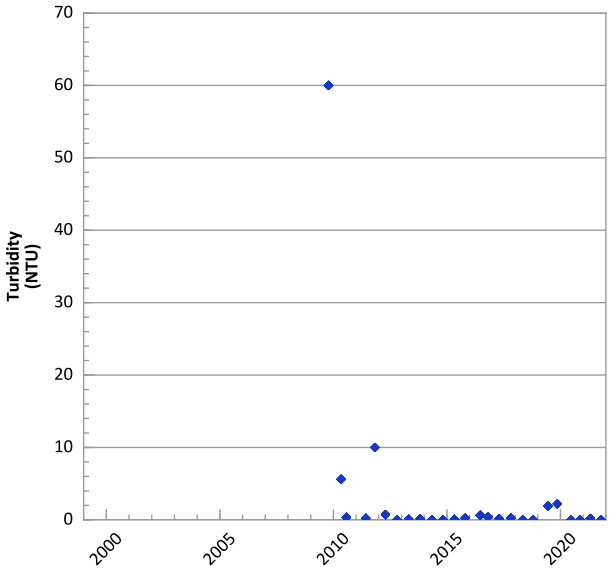


PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



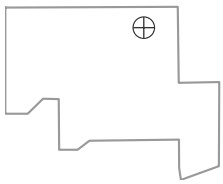






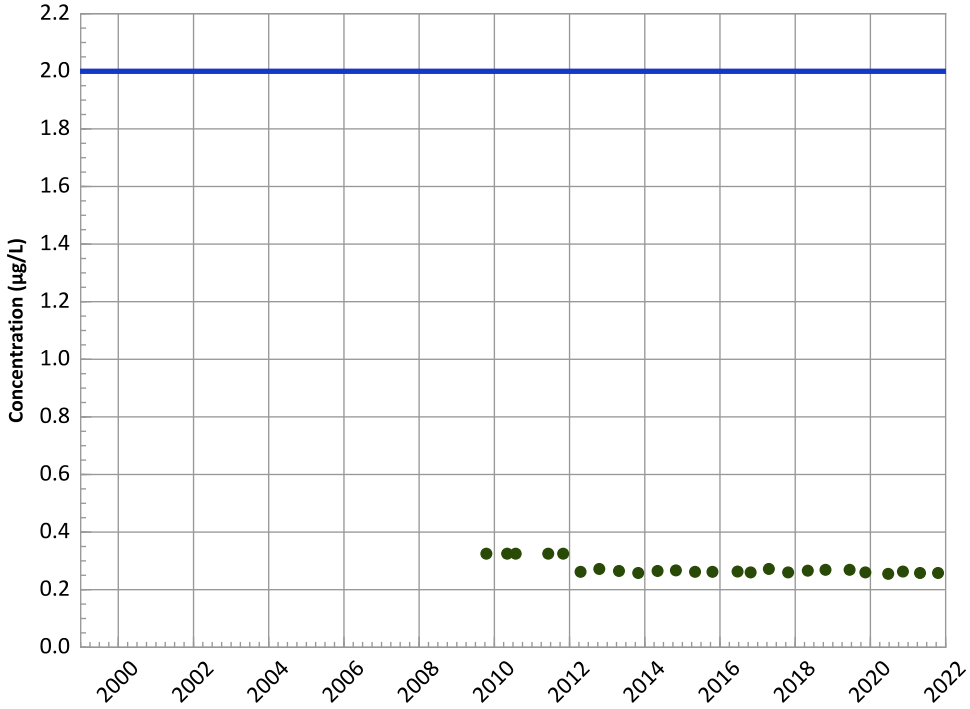
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

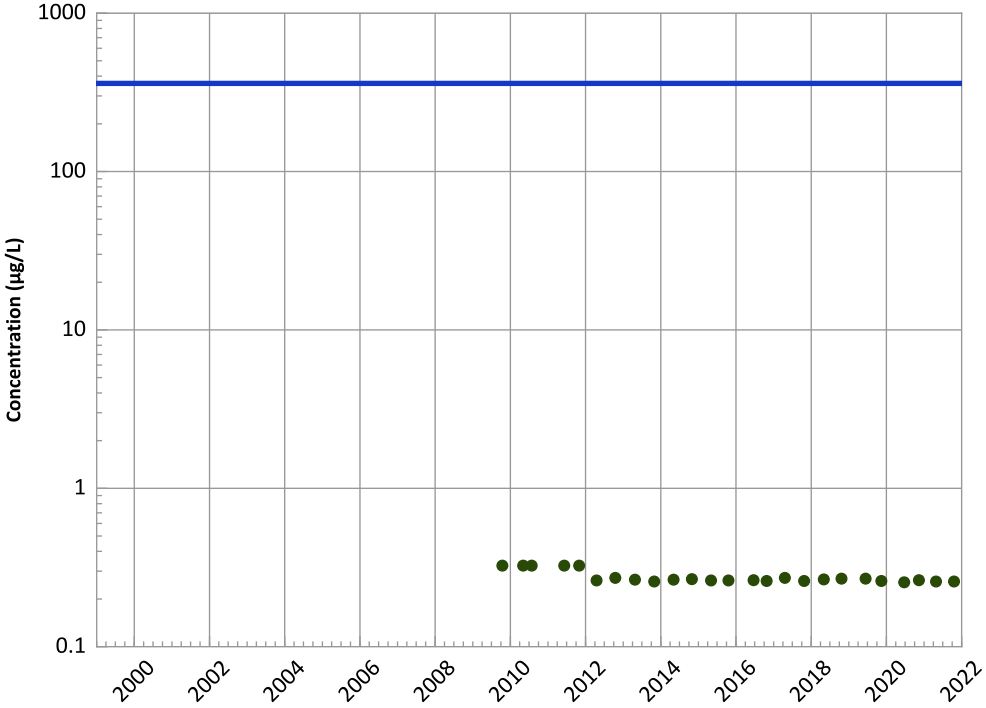


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

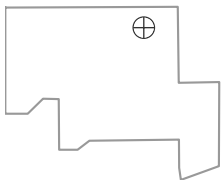
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

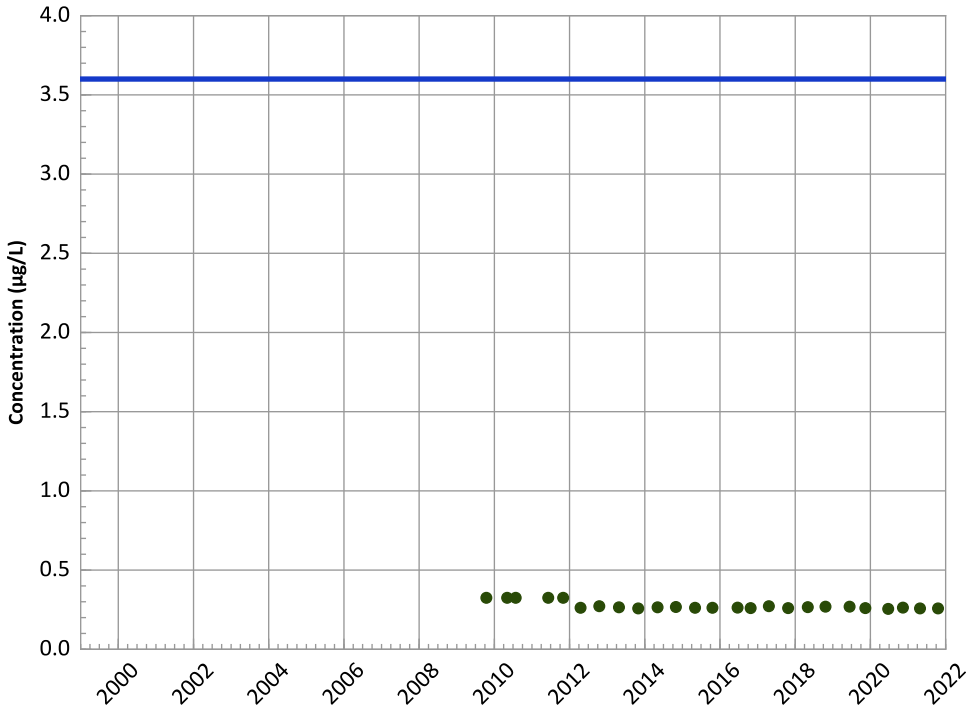
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

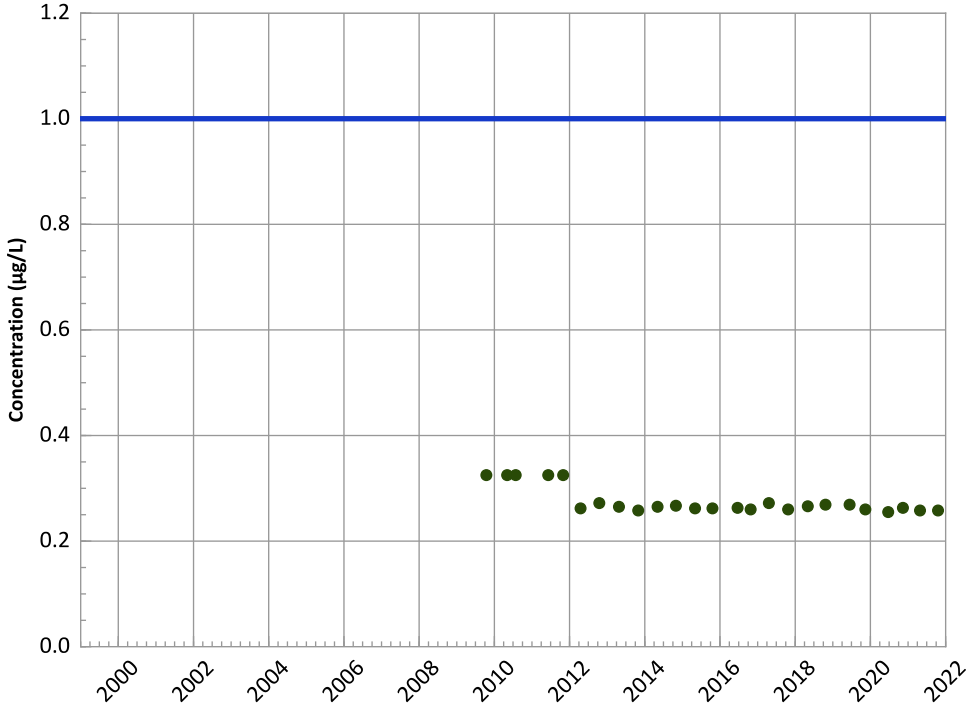


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

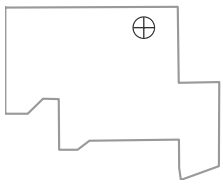
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

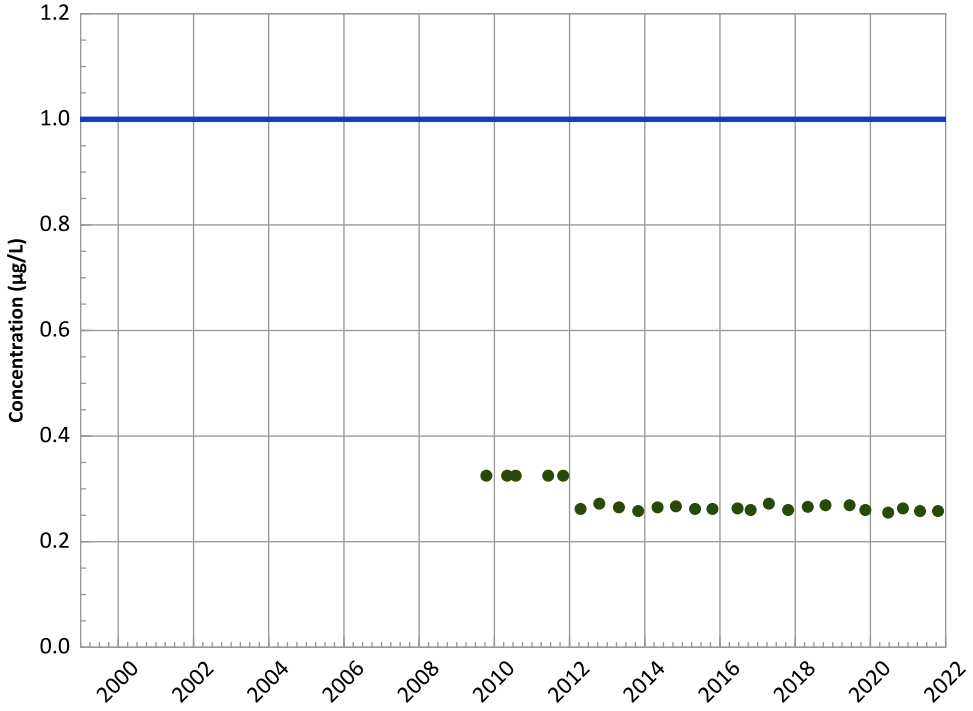
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

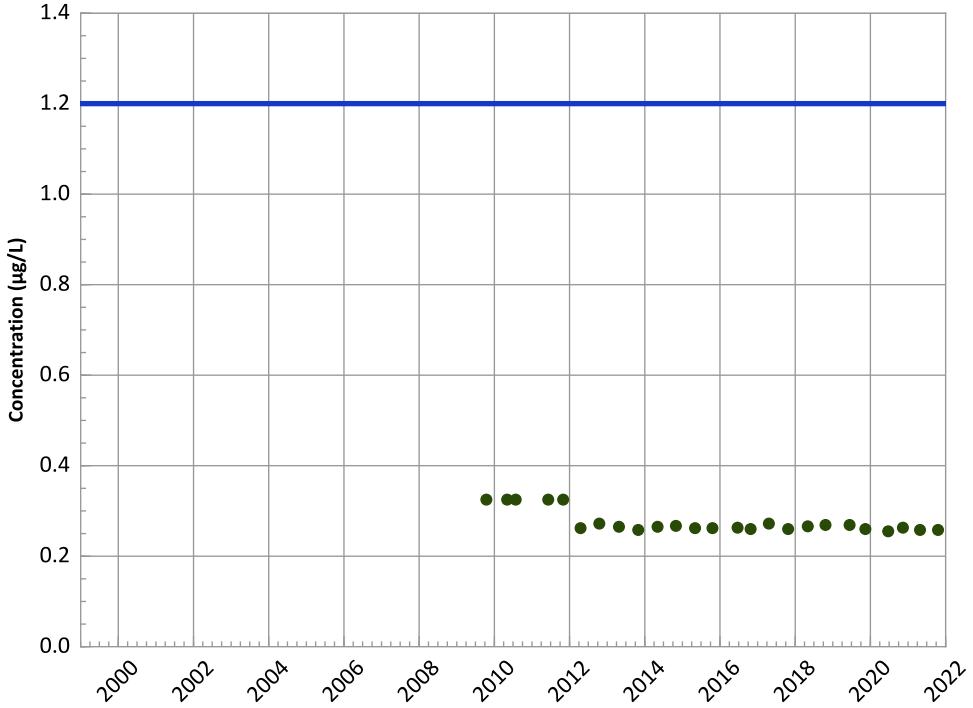


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

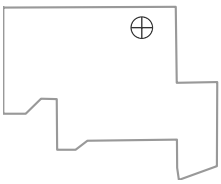


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

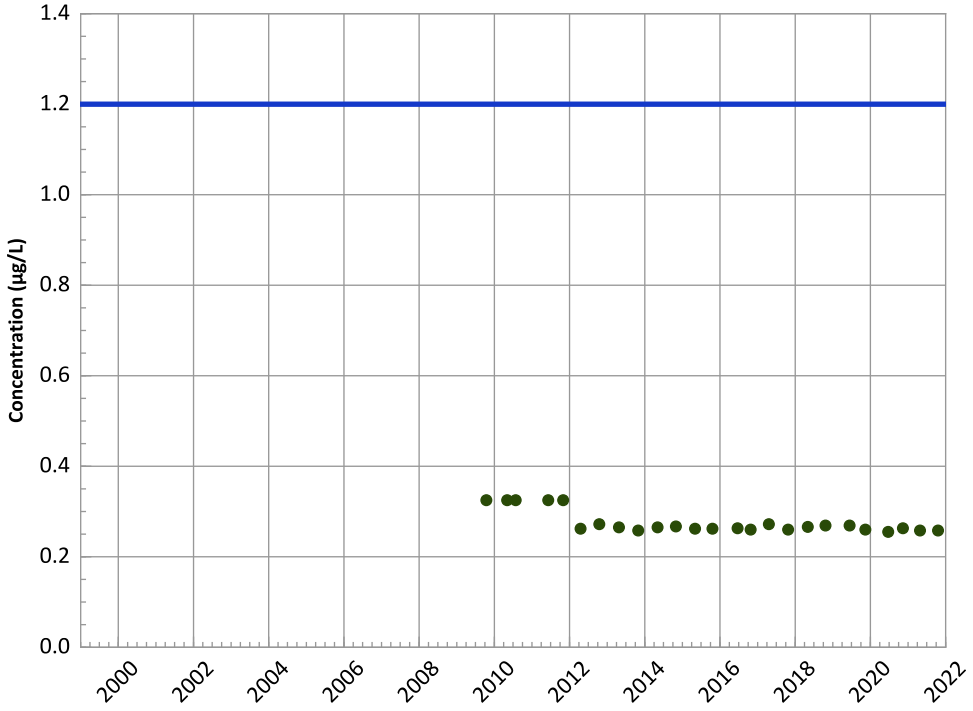


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━ Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

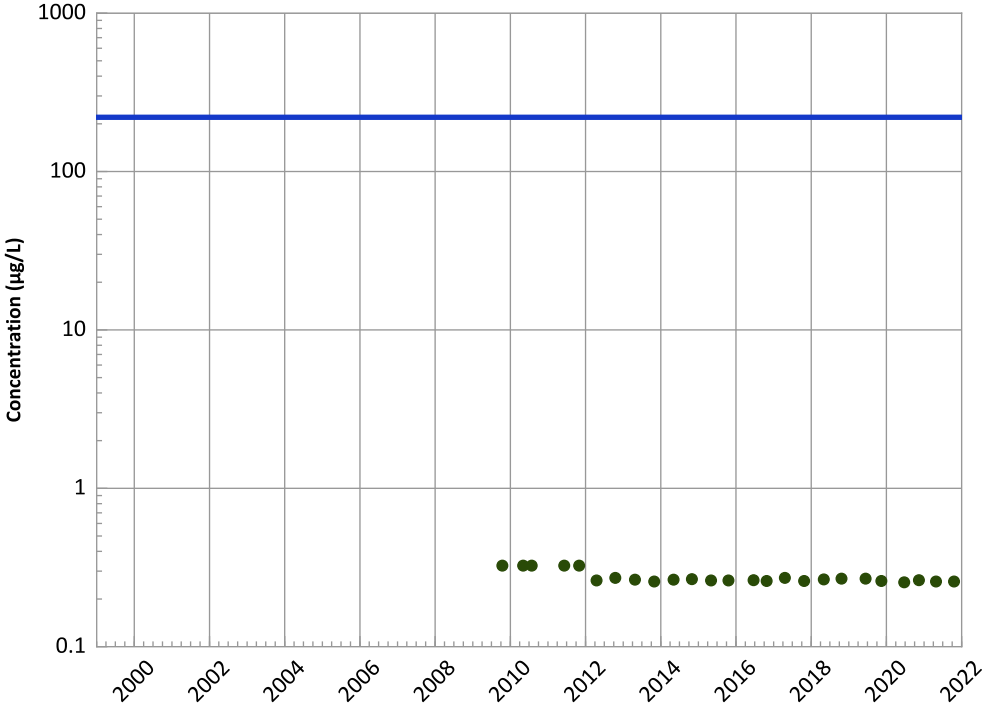


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

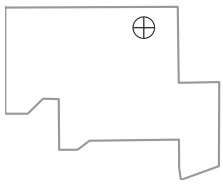
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

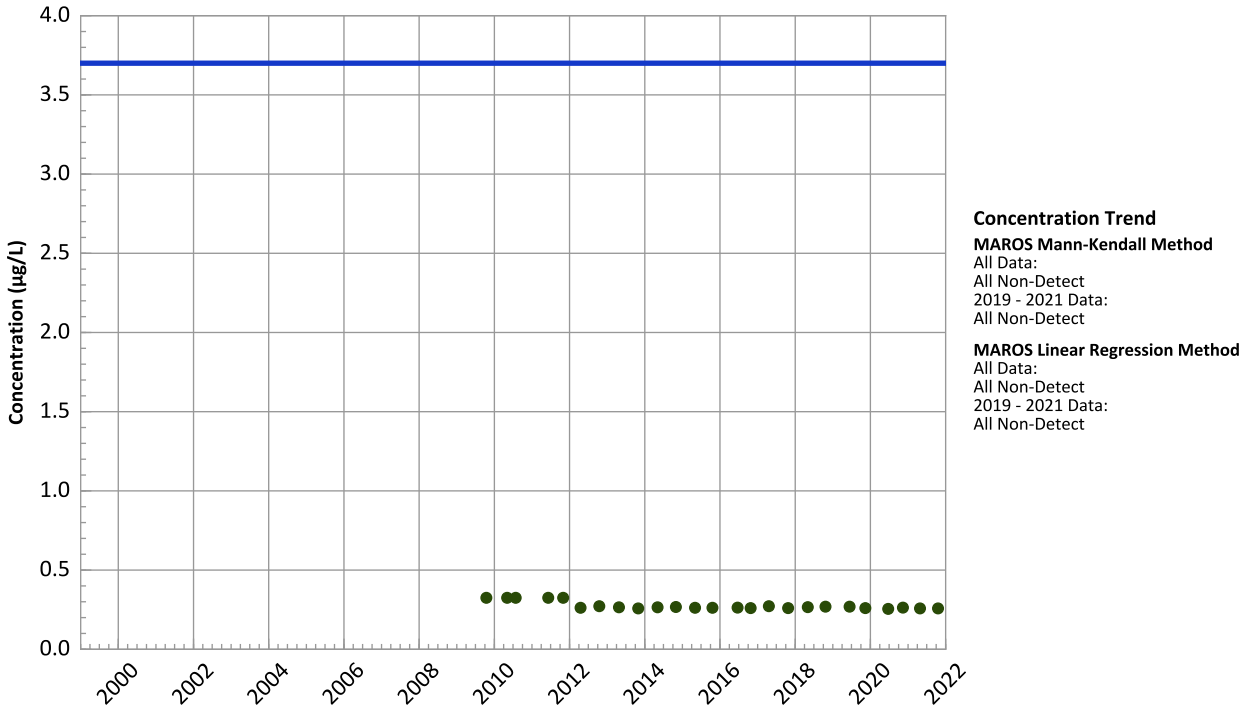
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location

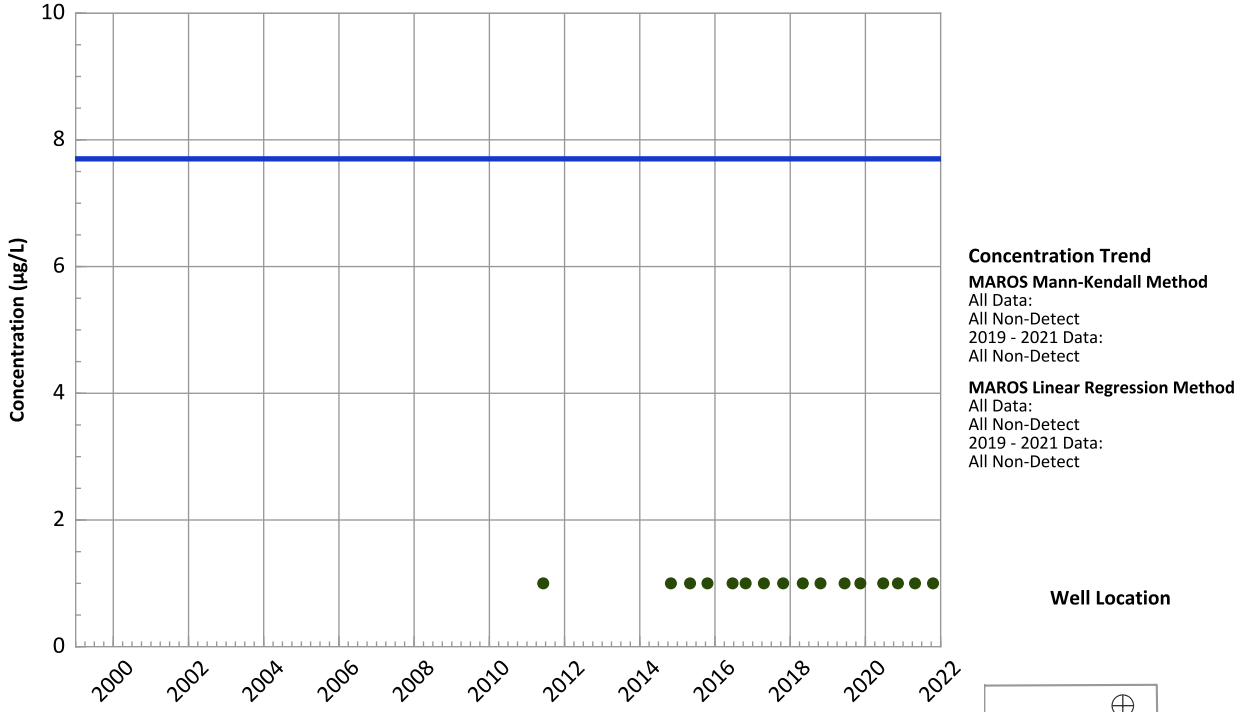


PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend



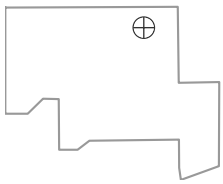
1,4-Dioxane (p-Dioxane) Trend



Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

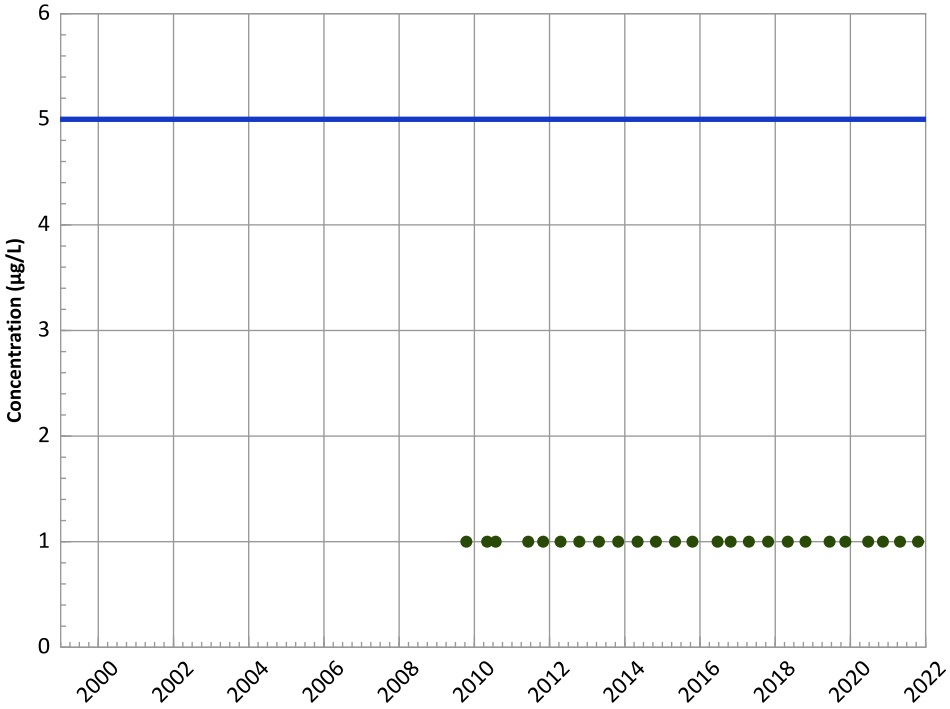
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

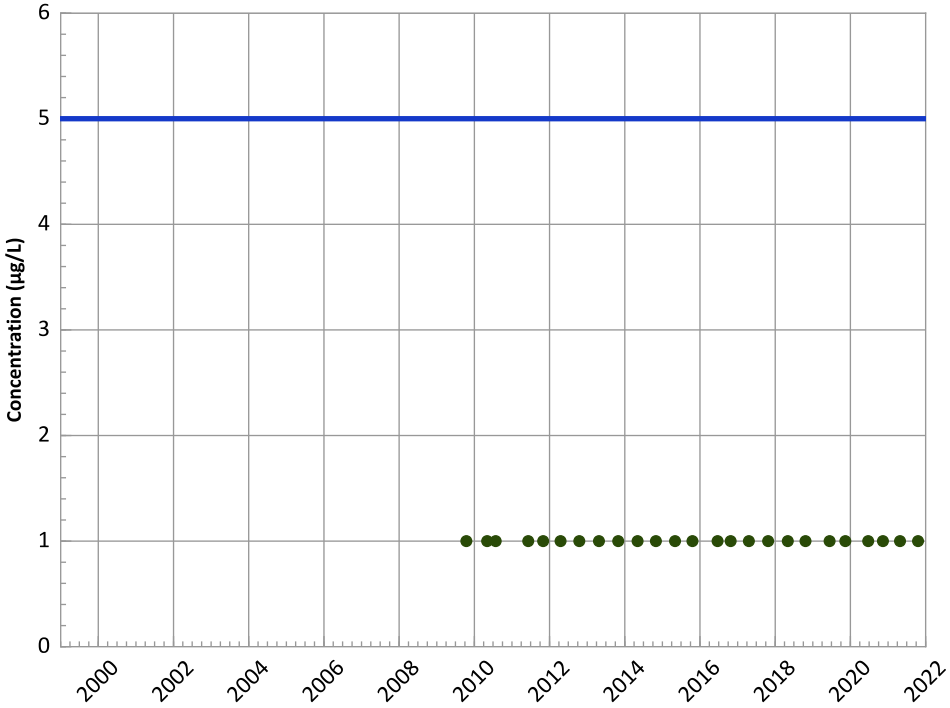


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

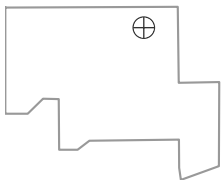


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

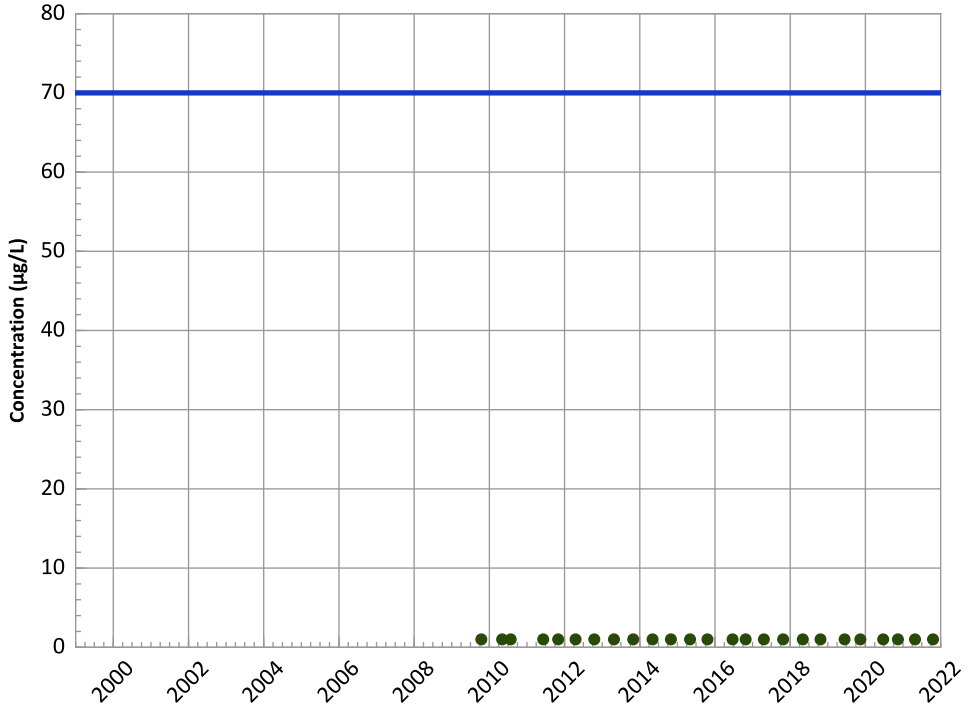


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

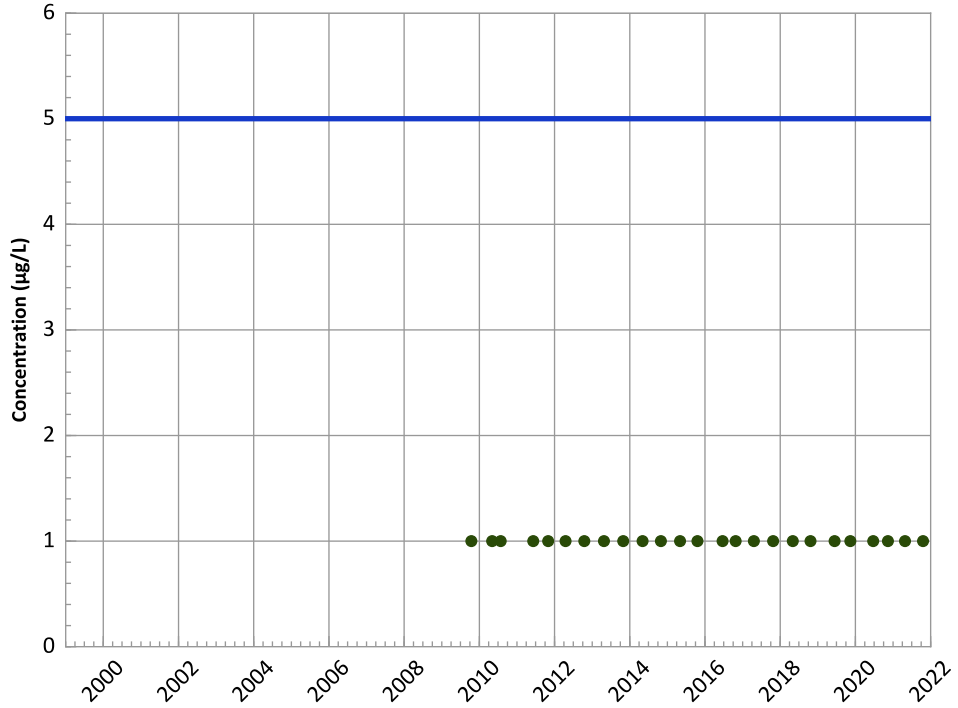


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

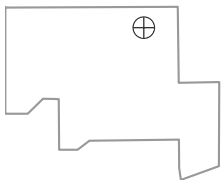


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

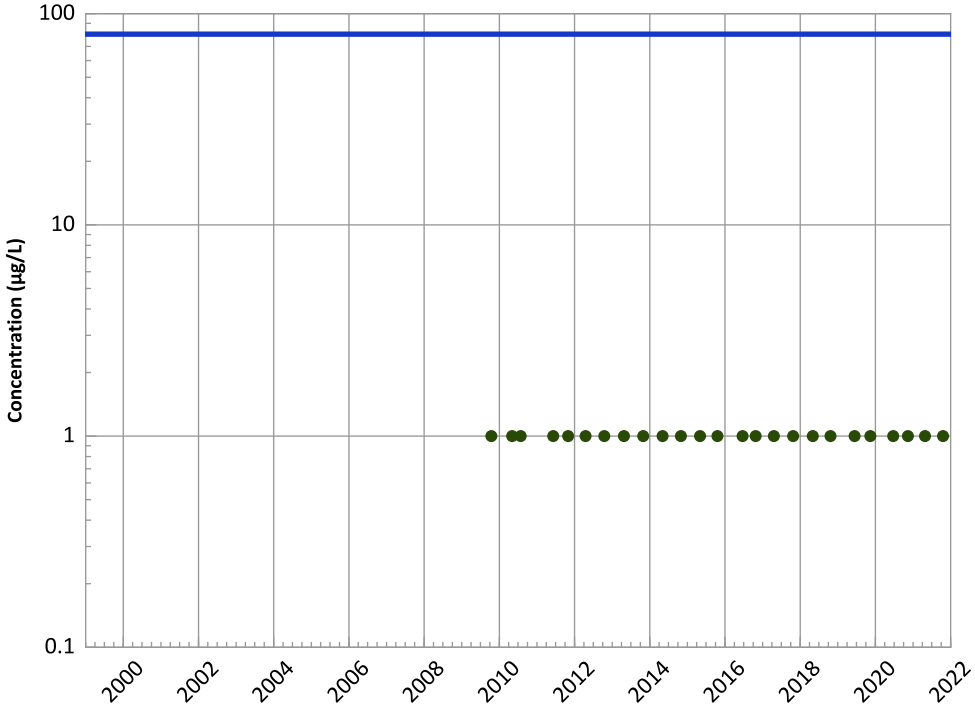


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

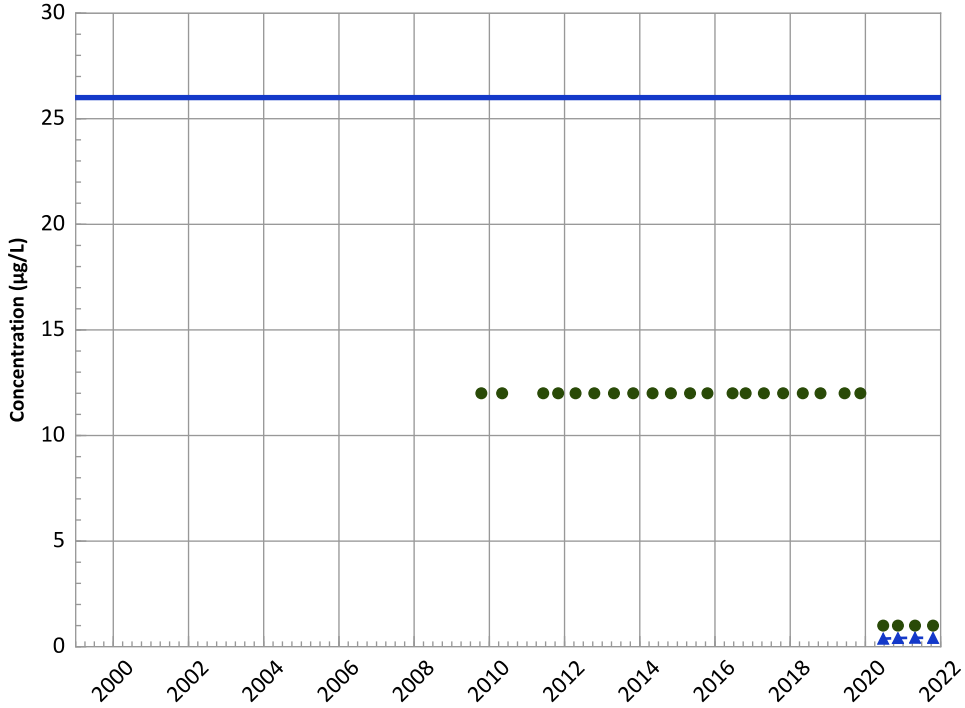


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend

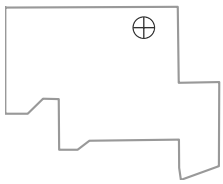


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Well Location

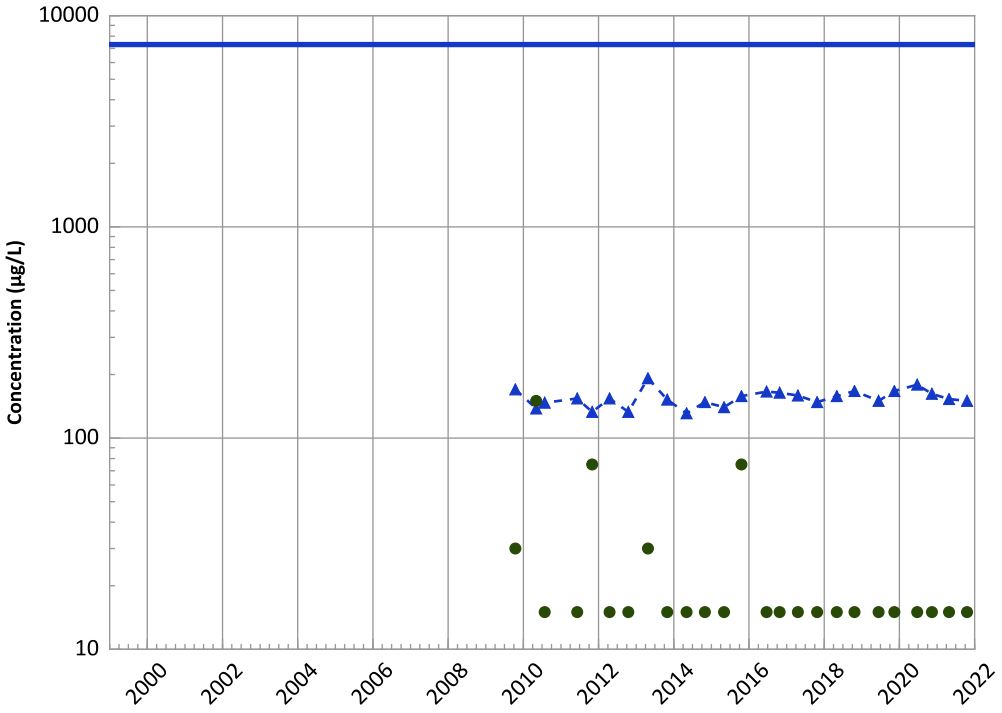


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

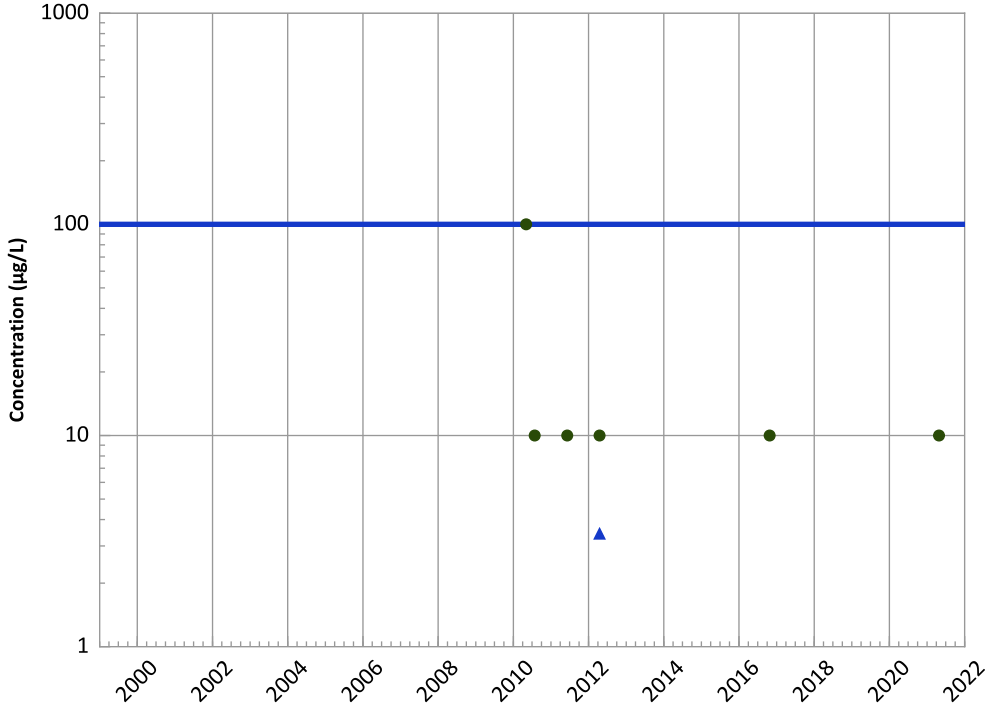


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

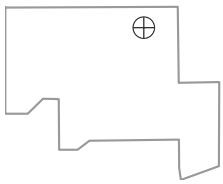
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

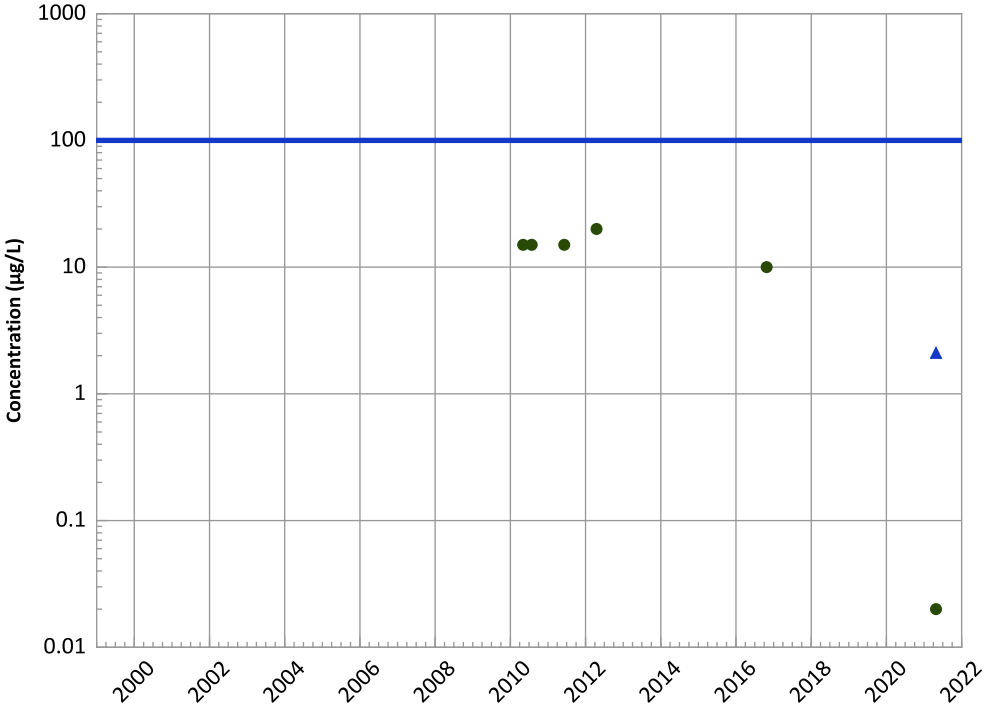
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

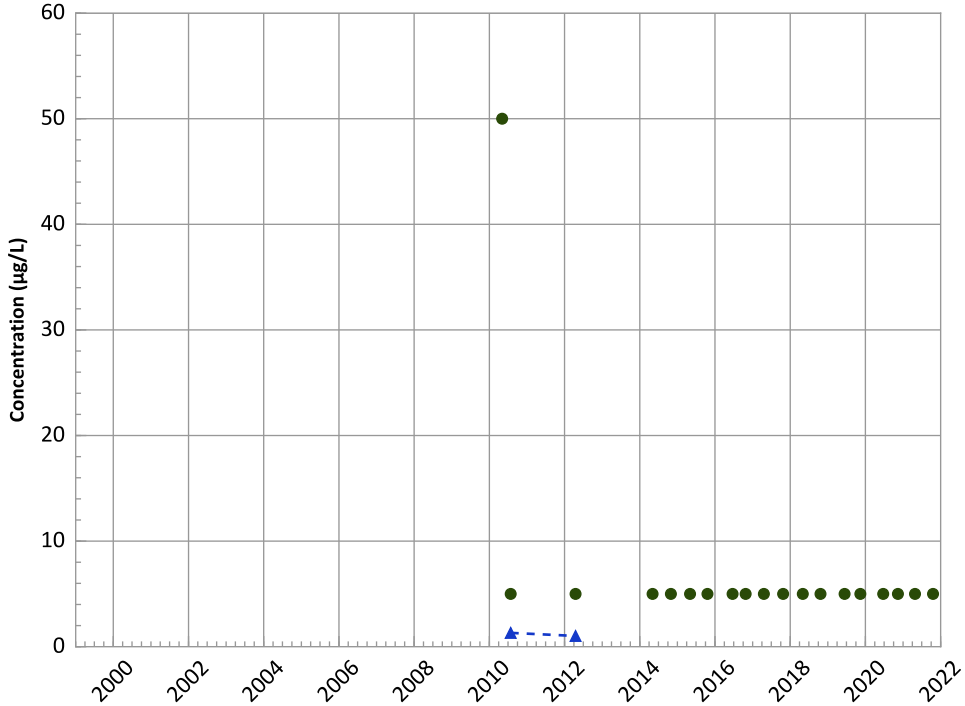


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Manganese Trend



Concentration Trend

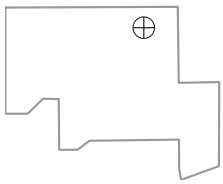
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

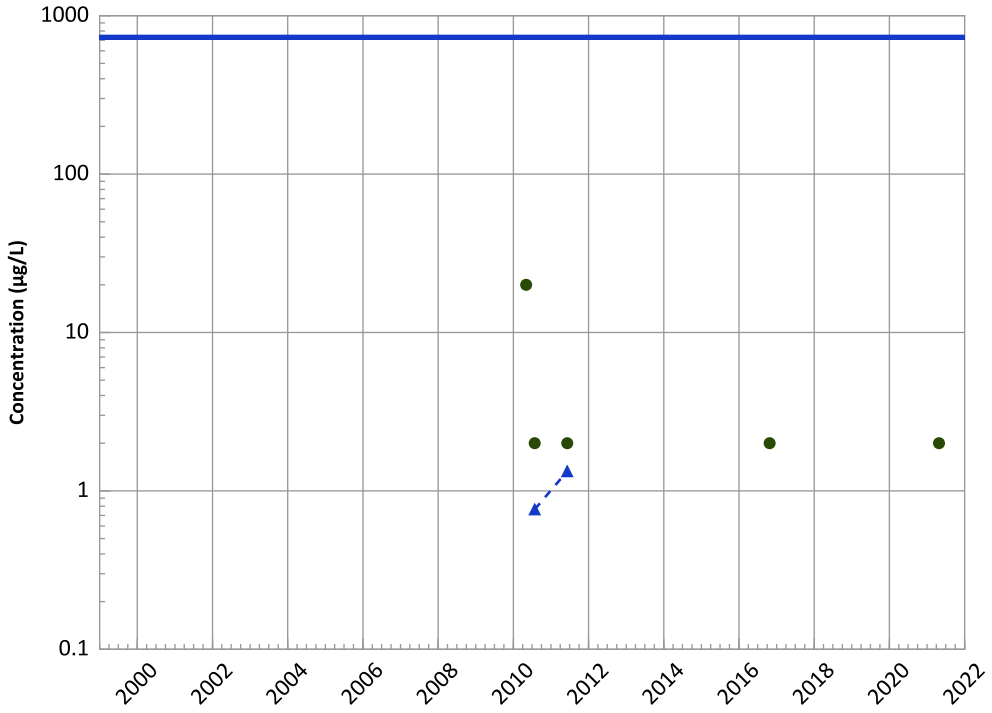
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

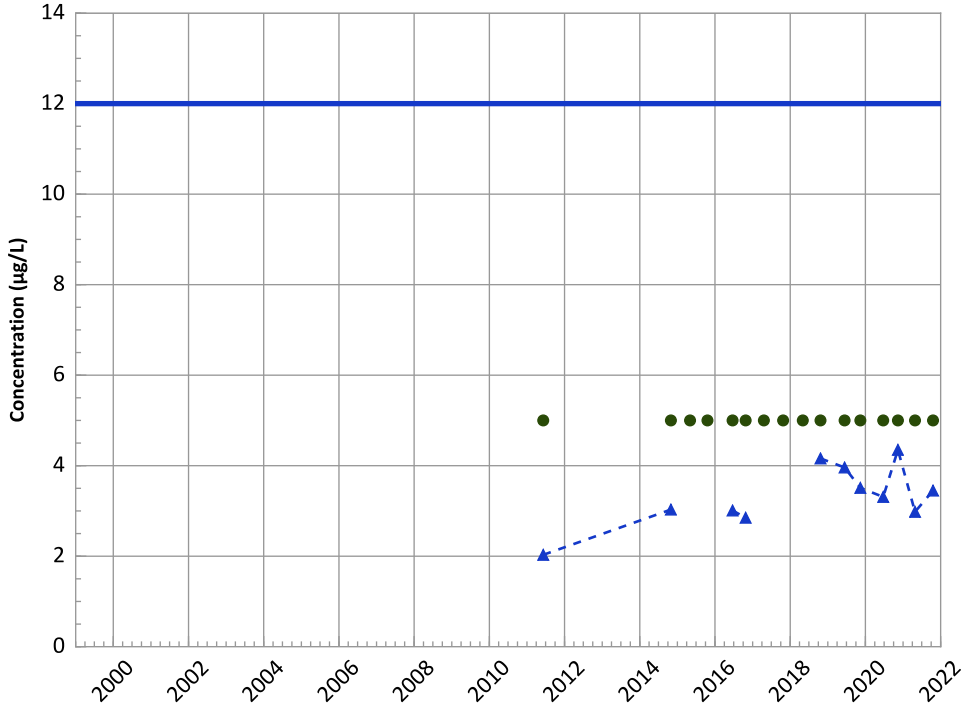


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Arsenic Trend



Concentration Trend

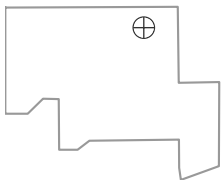
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

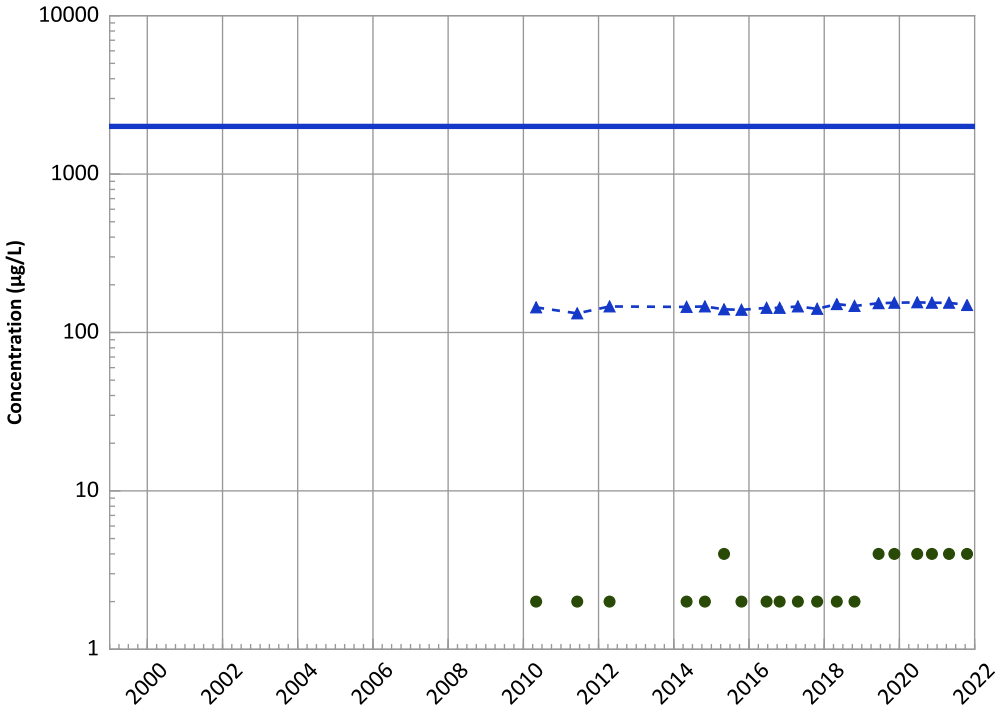
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



PTX06-1143 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Barium Trend

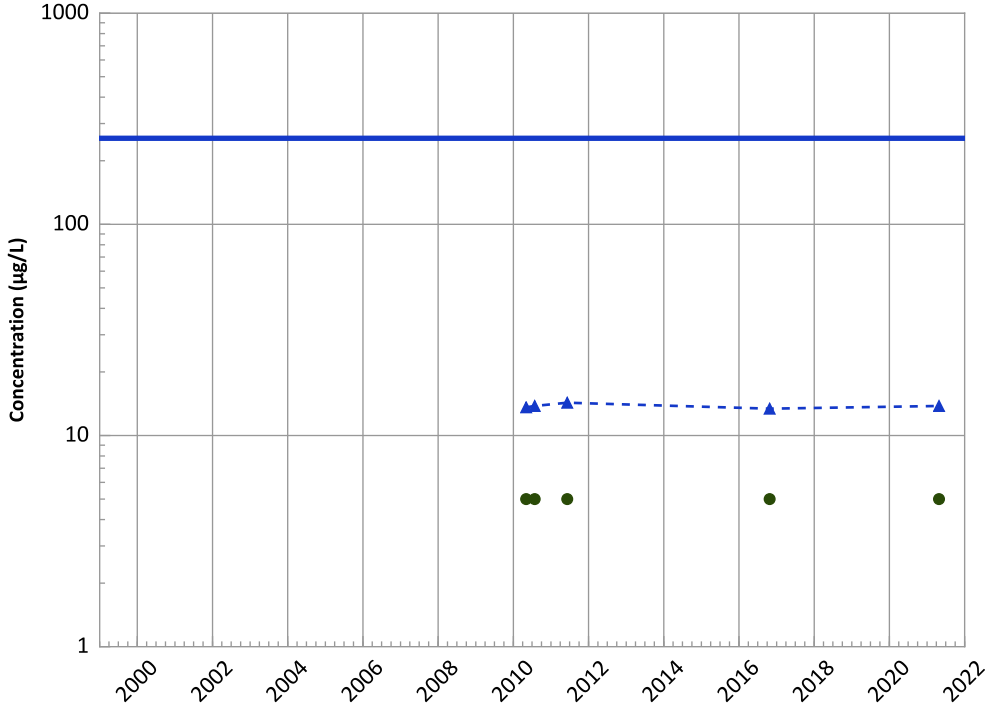


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

Vanadium Trend



Concentration Trend

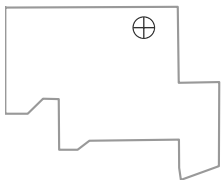
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

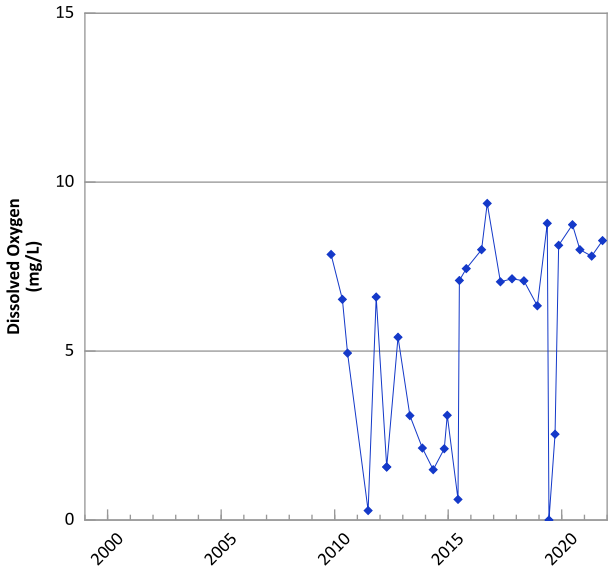
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 10/15/2009 to 10/19/2021
Analysis Date: 04/29/2022

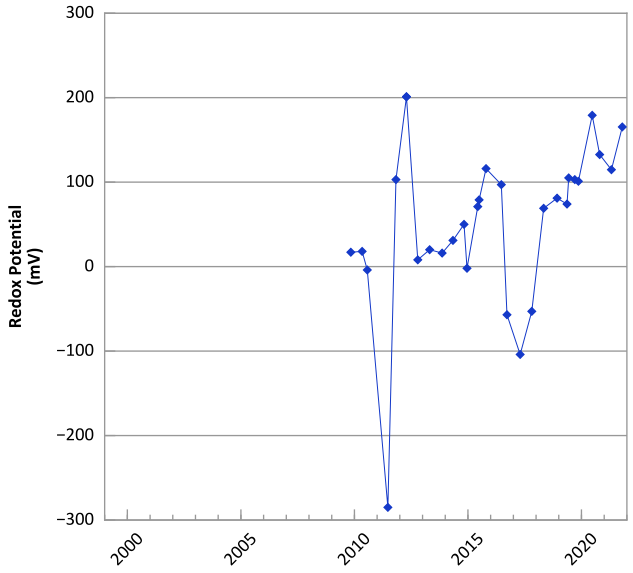
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

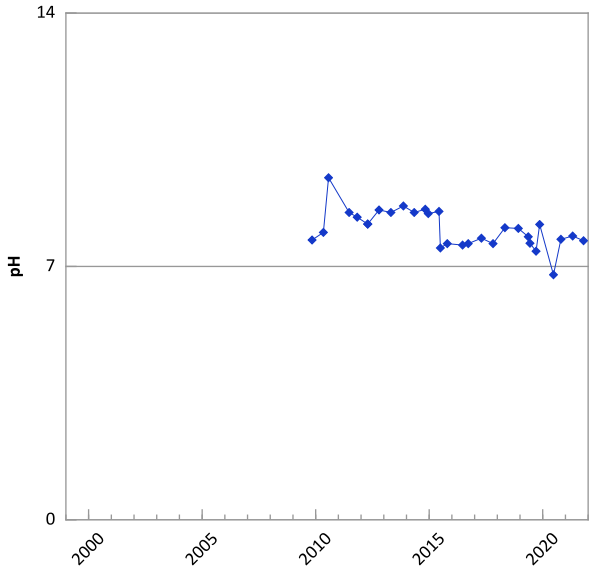
Well Location

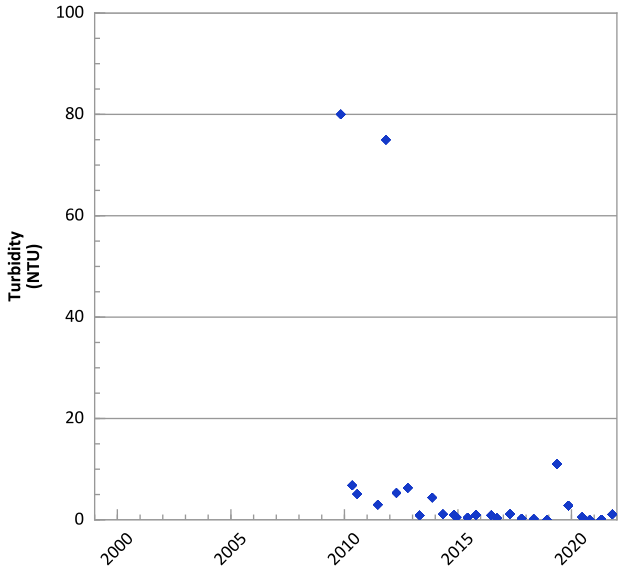


PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



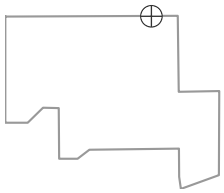






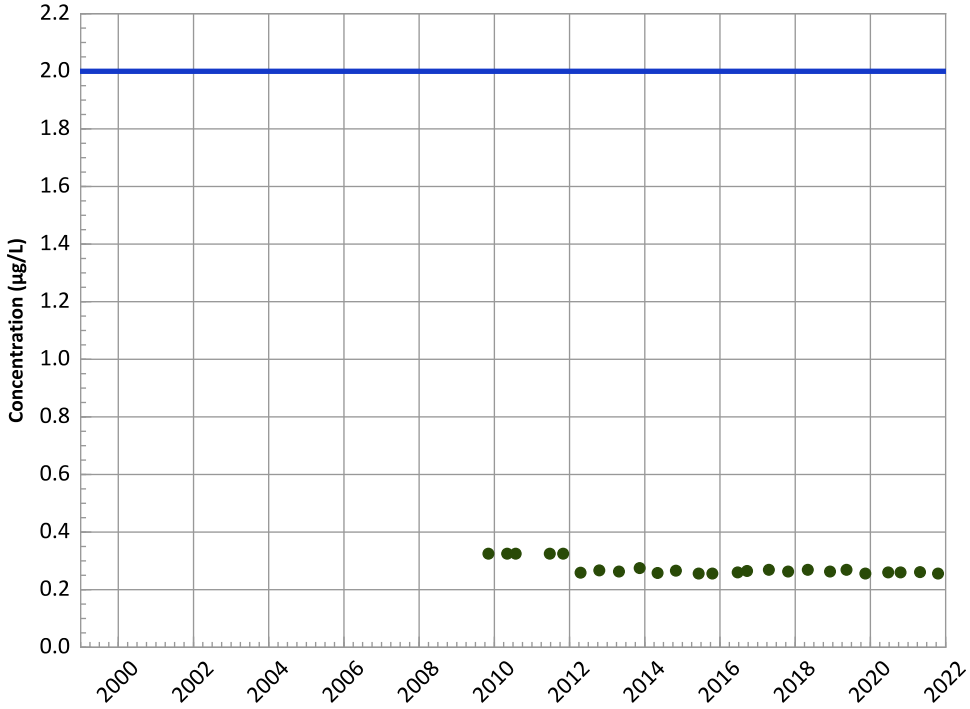
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

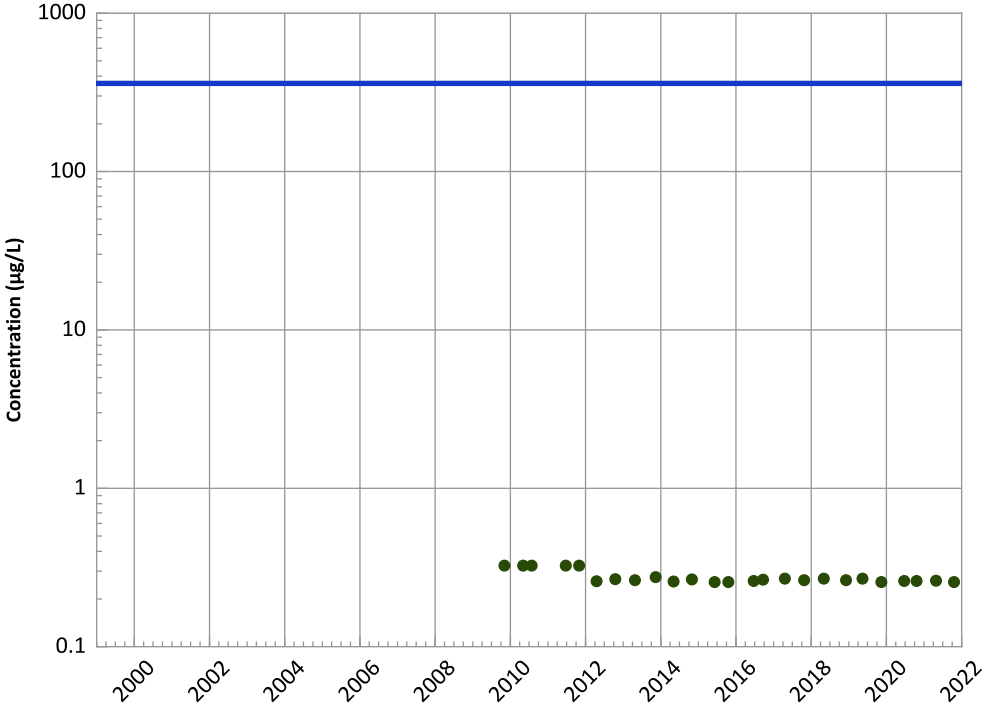


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

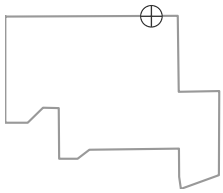
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

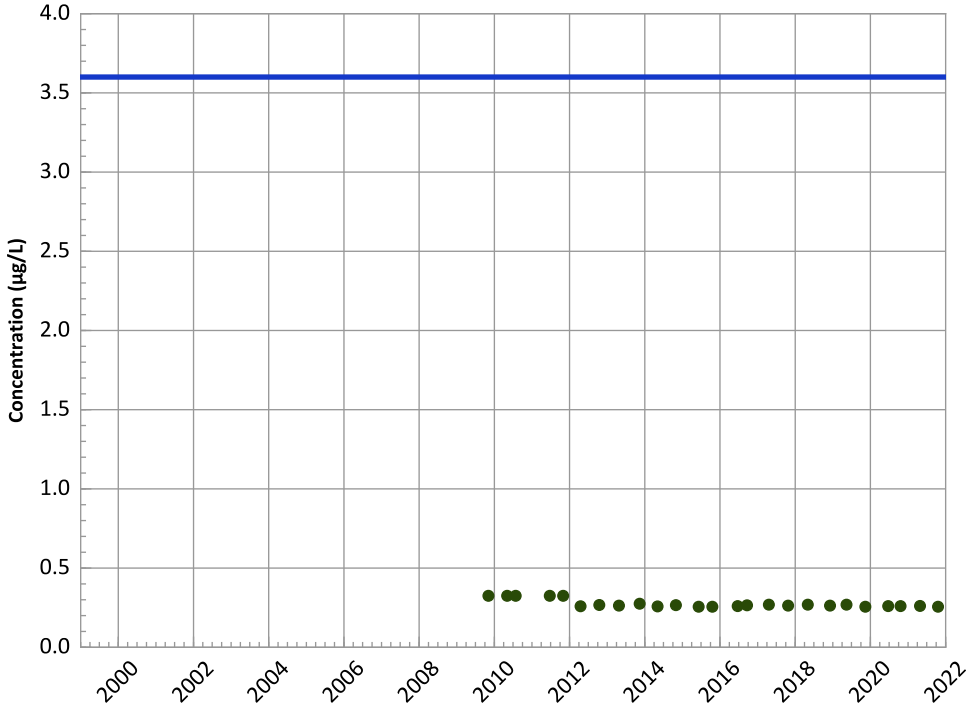
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

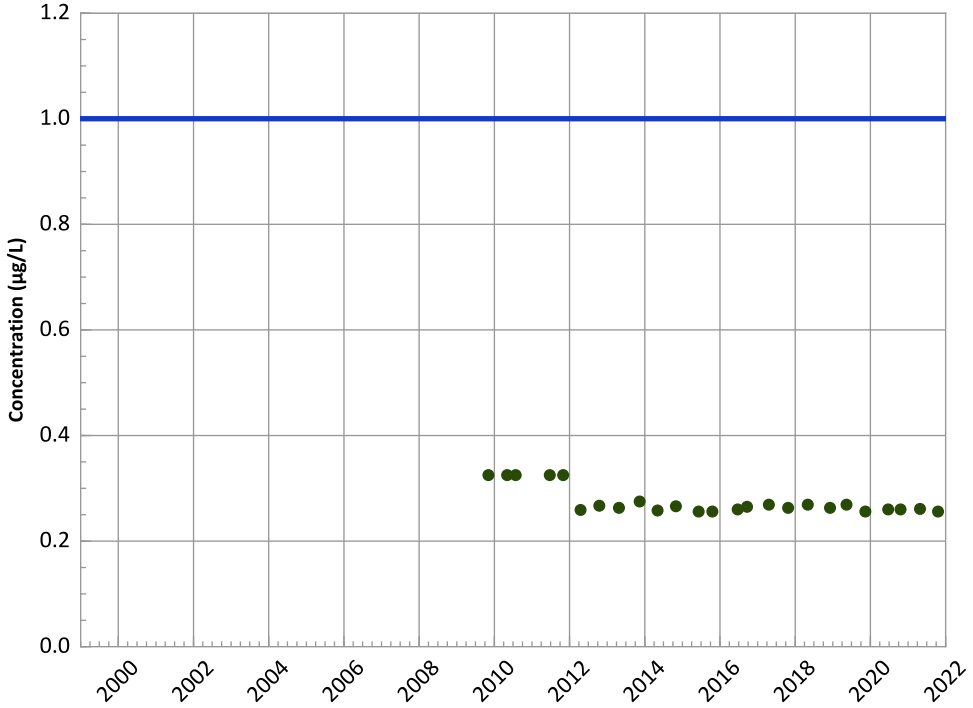


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

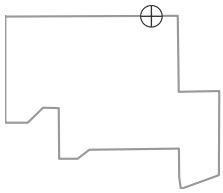
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

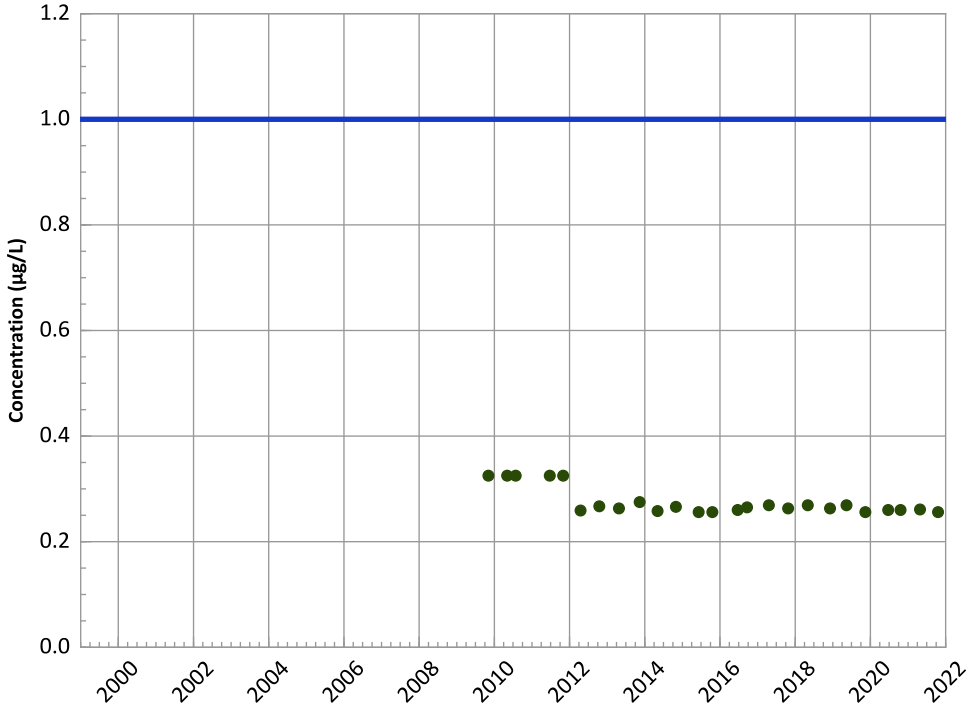
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

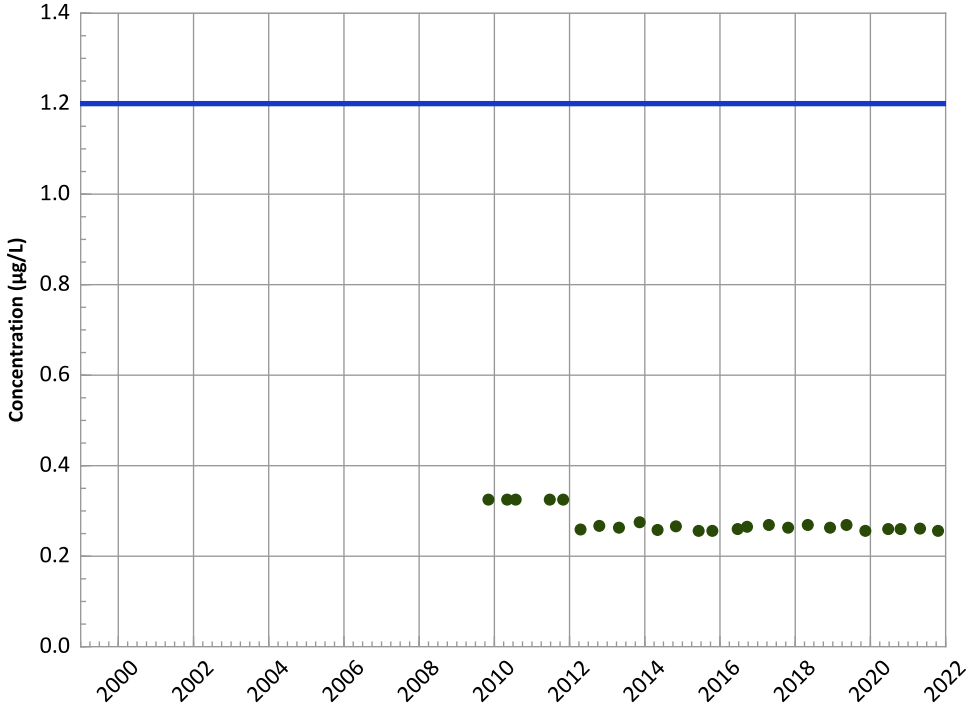


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

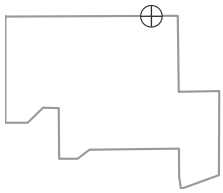


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

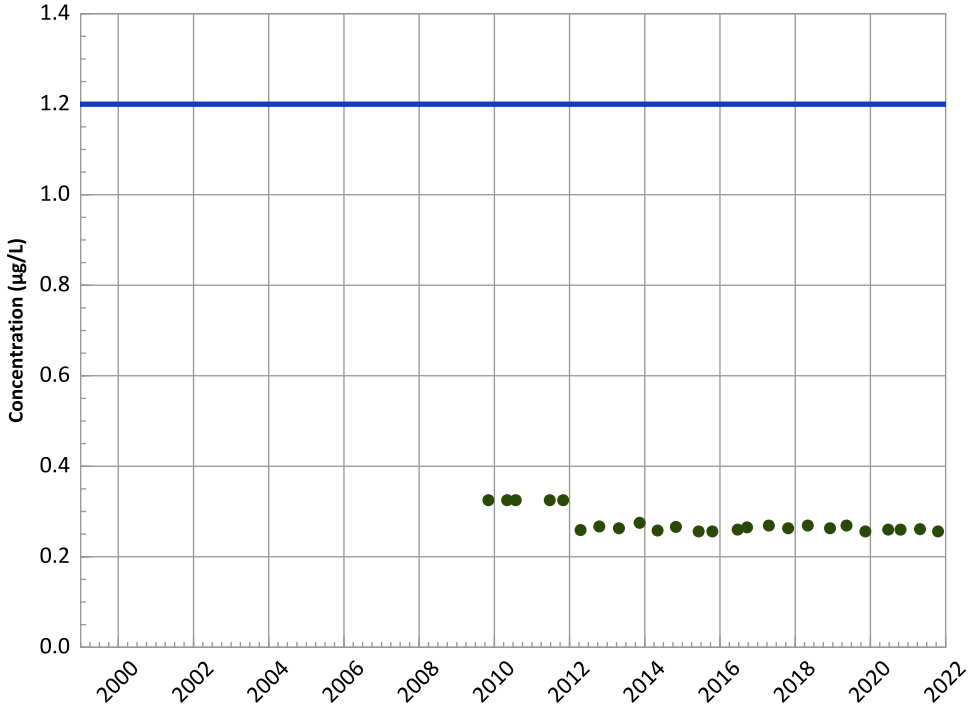


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

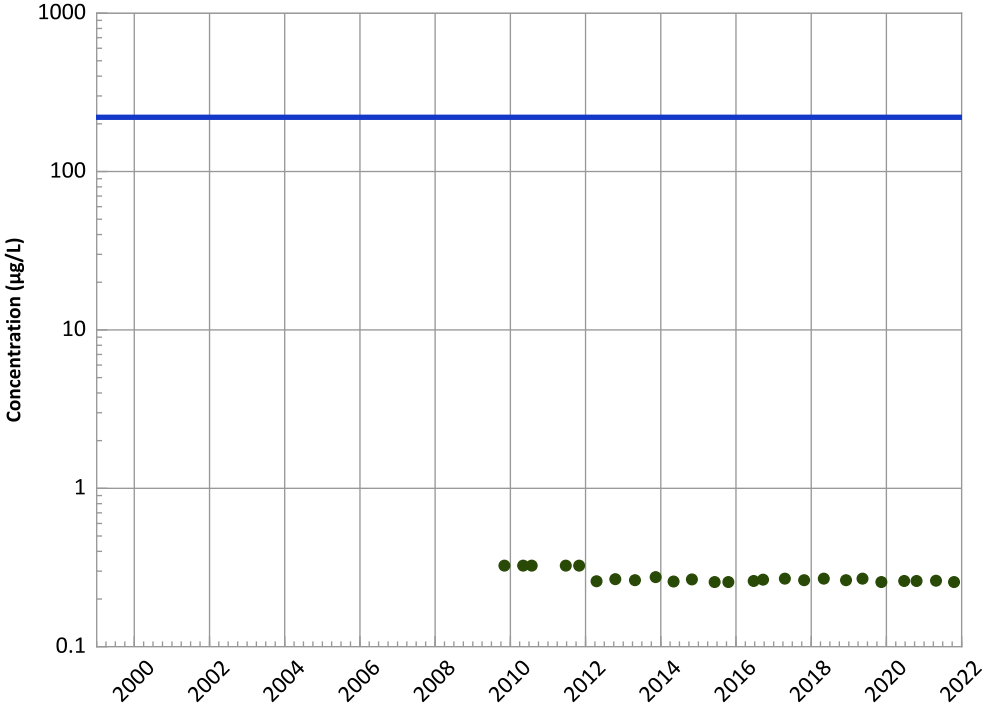


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

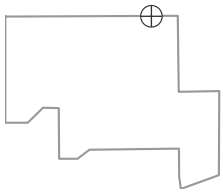
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

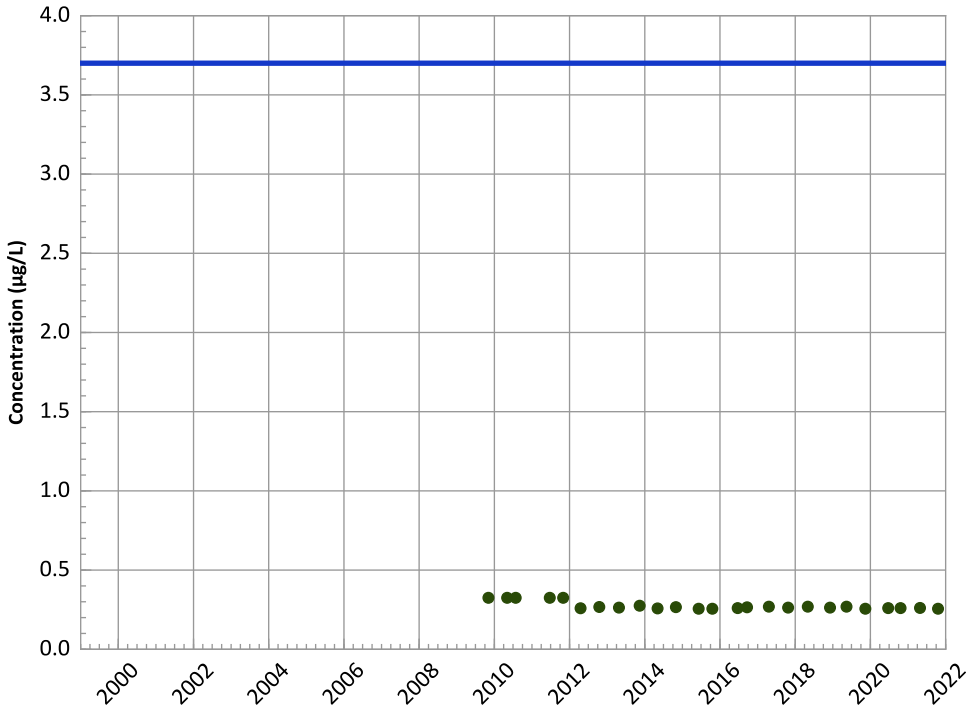
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

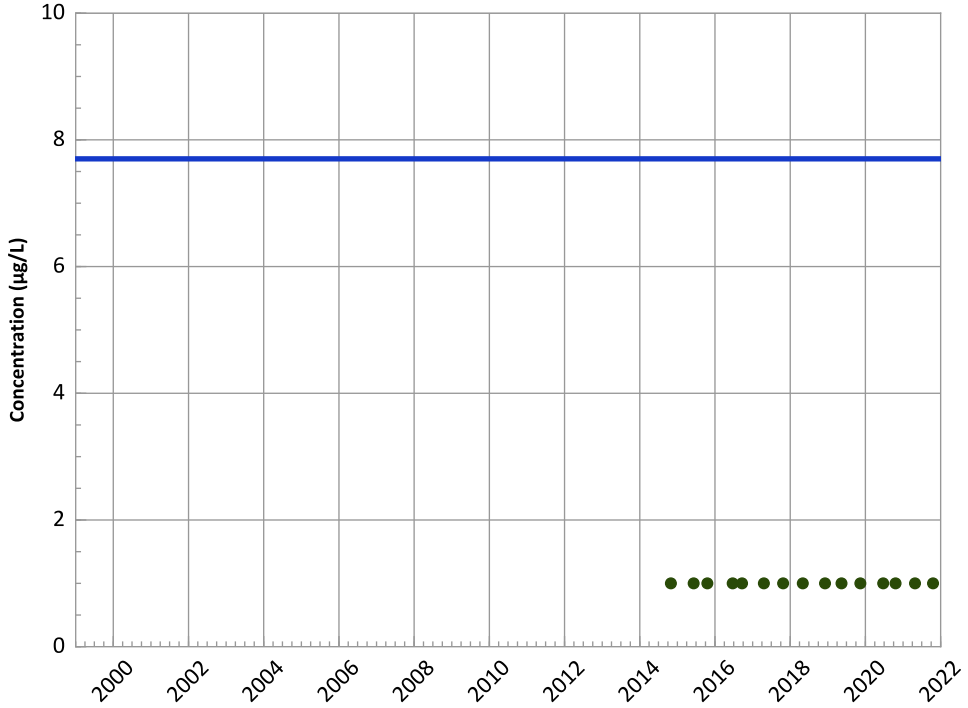


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend



Concentration Trend

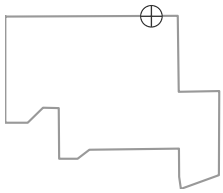
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

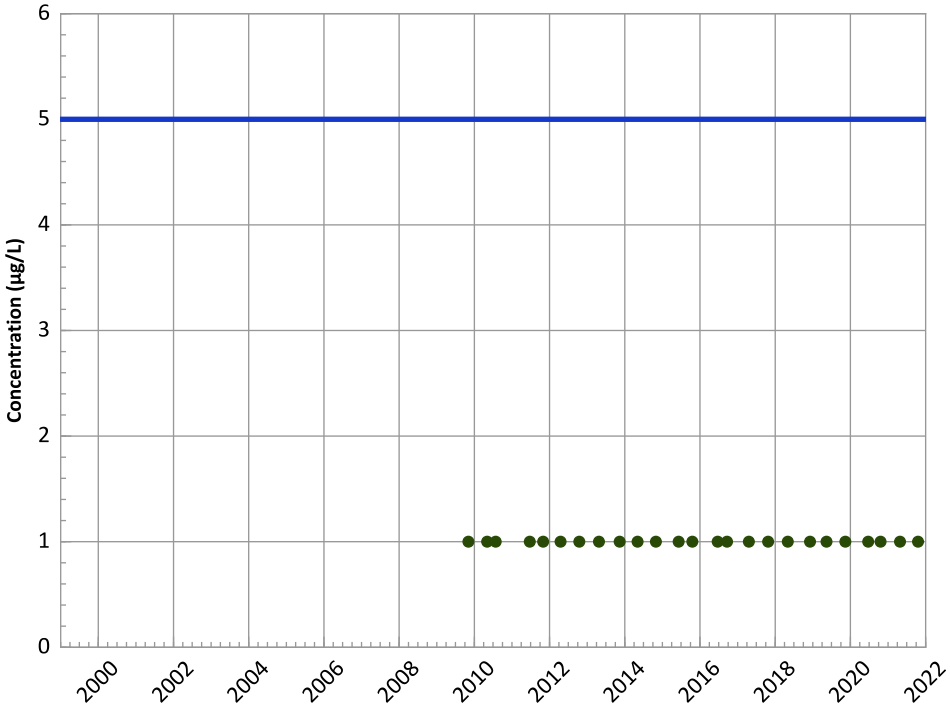
- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

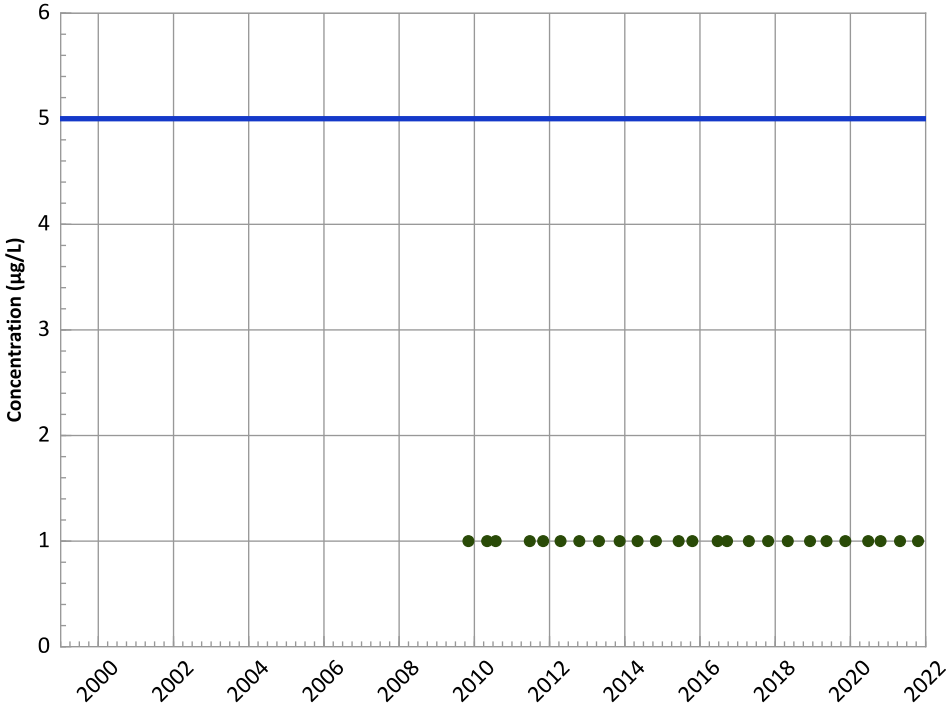


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

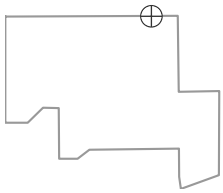


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

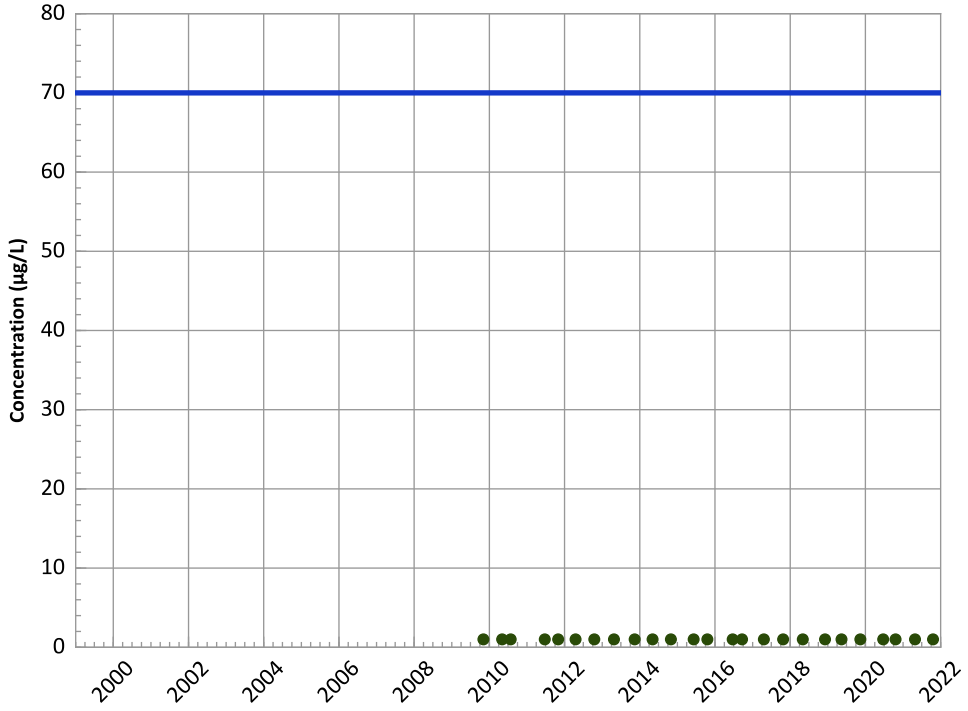


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

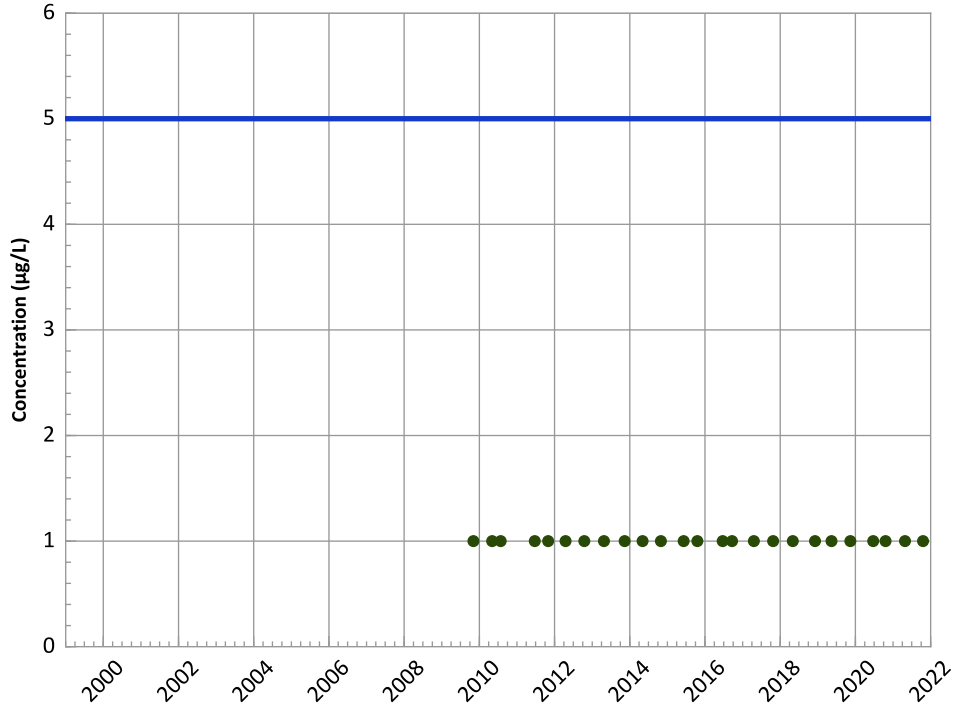


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

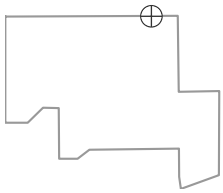


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

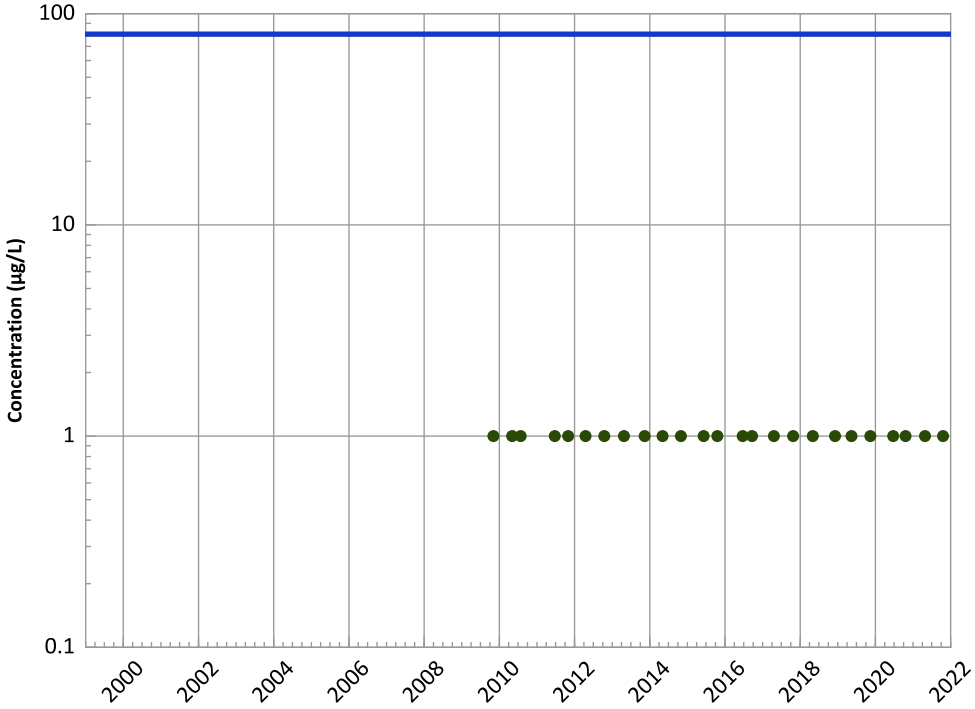


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

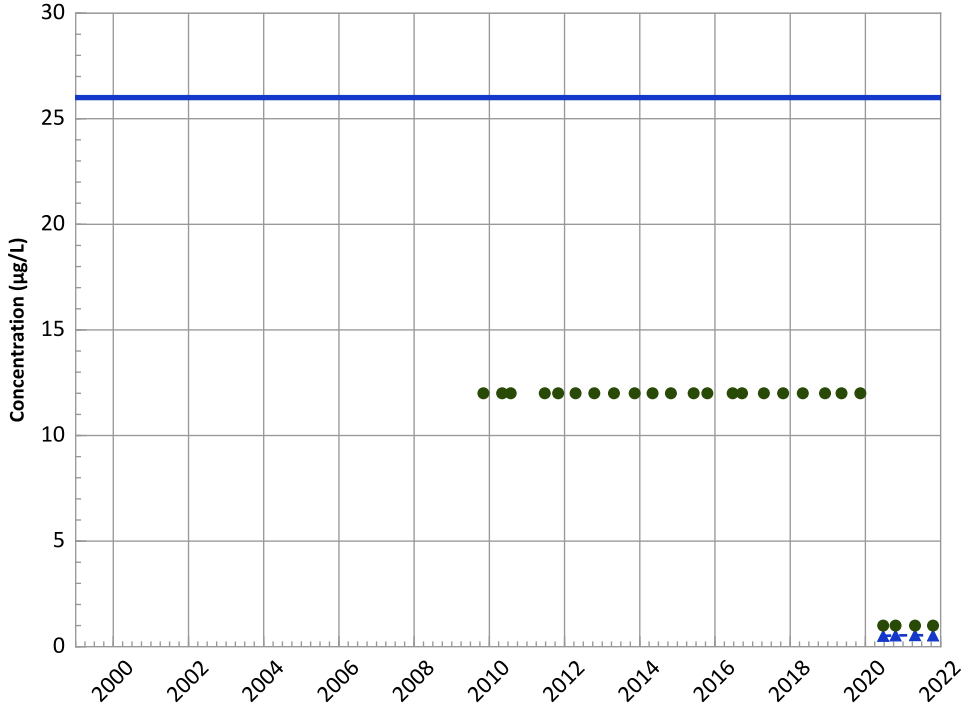


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

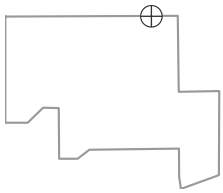
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

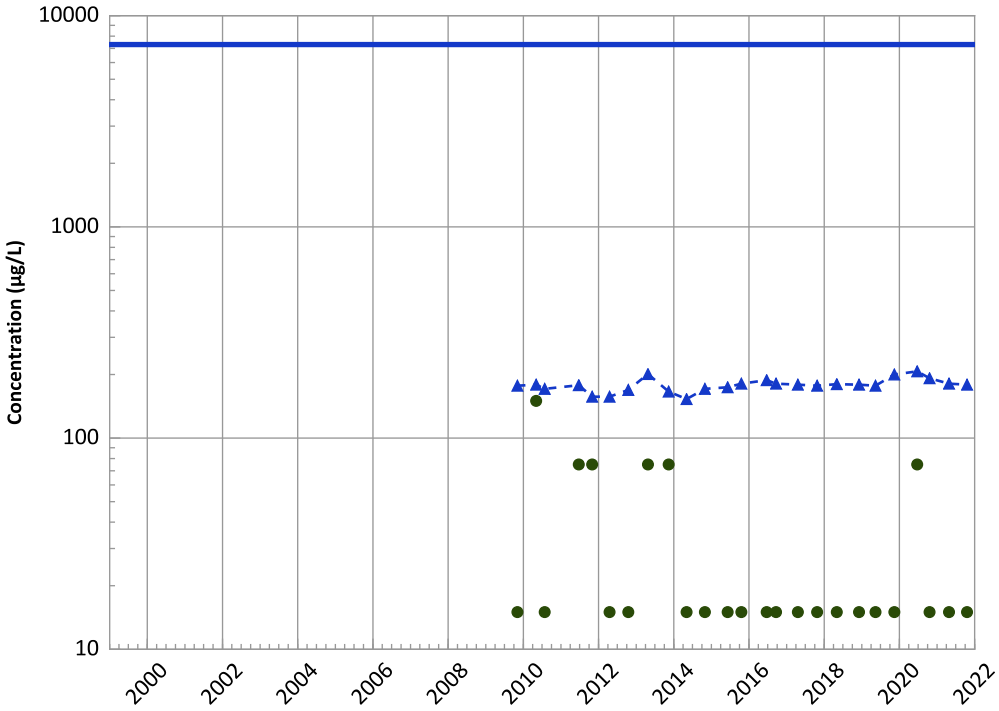
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

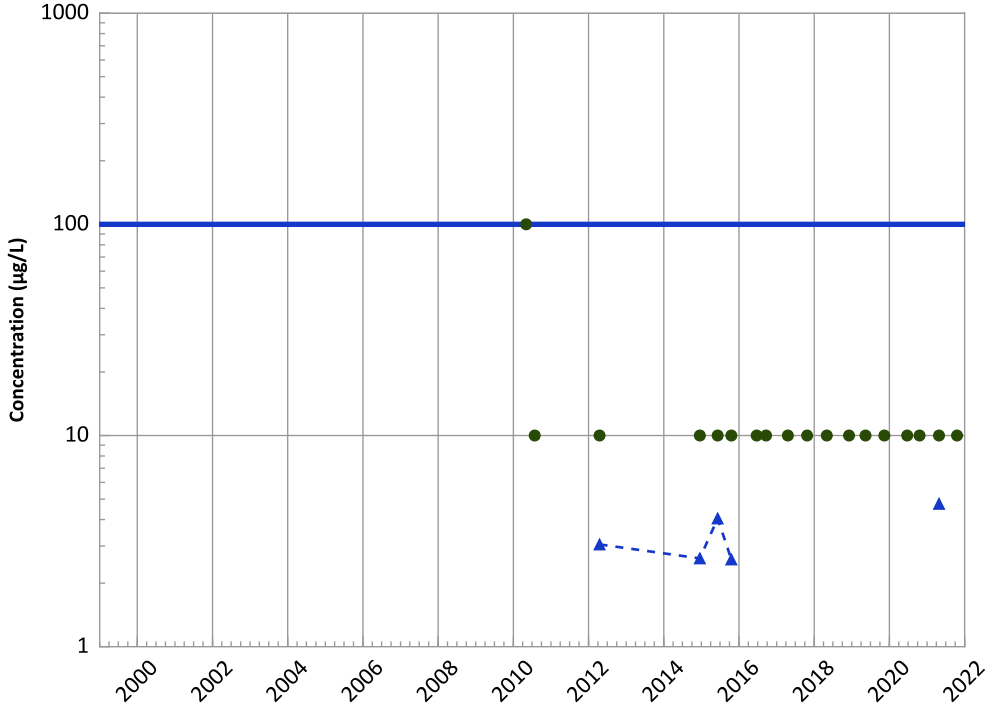


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Probably Decreasing

Chromium, Total Trend



Concentration Trend

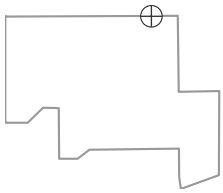
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

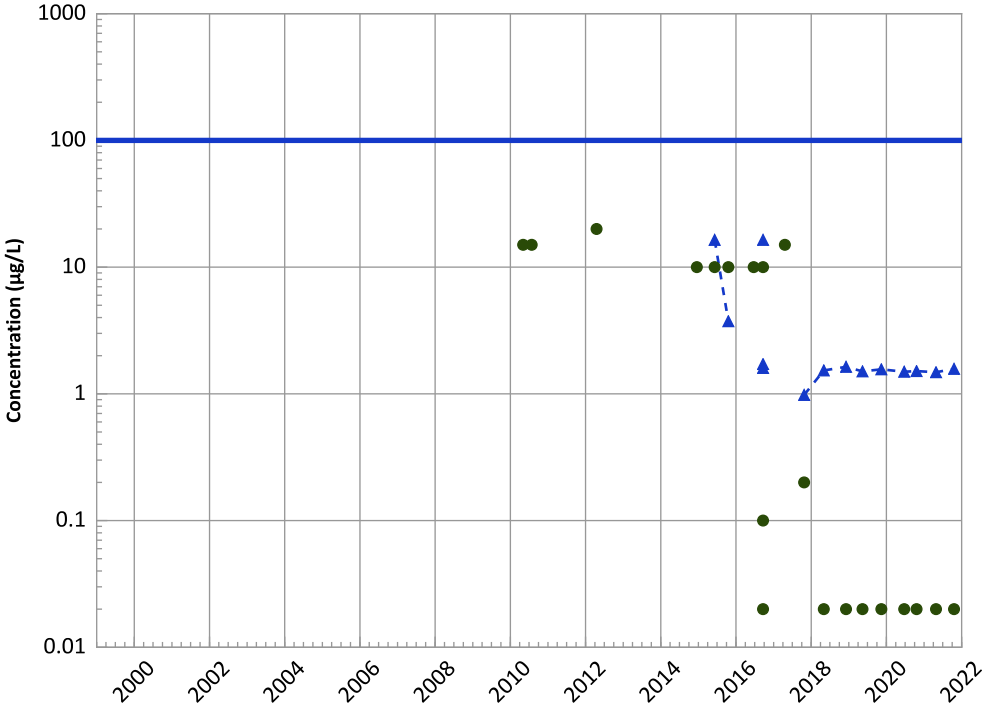
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

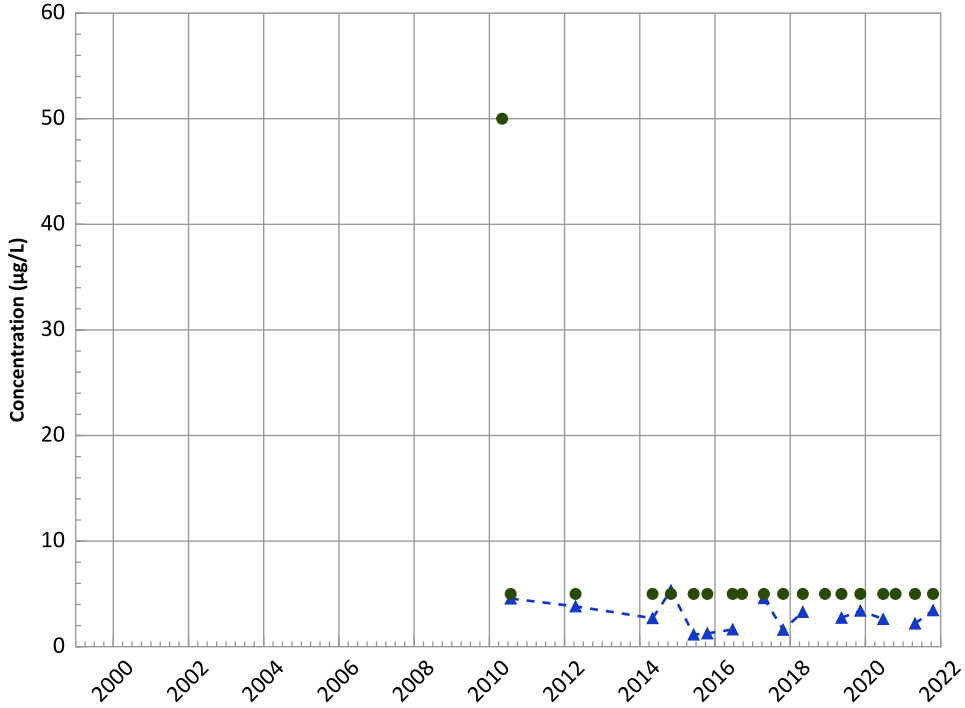


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

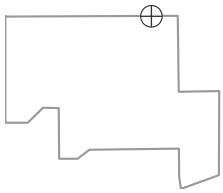
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

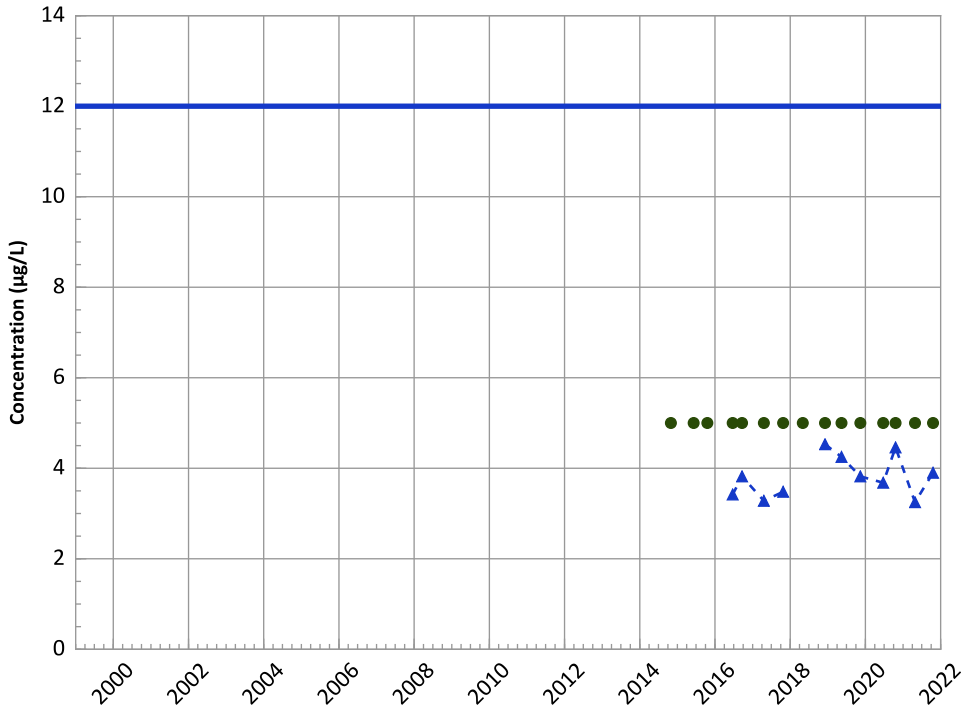
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1144 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

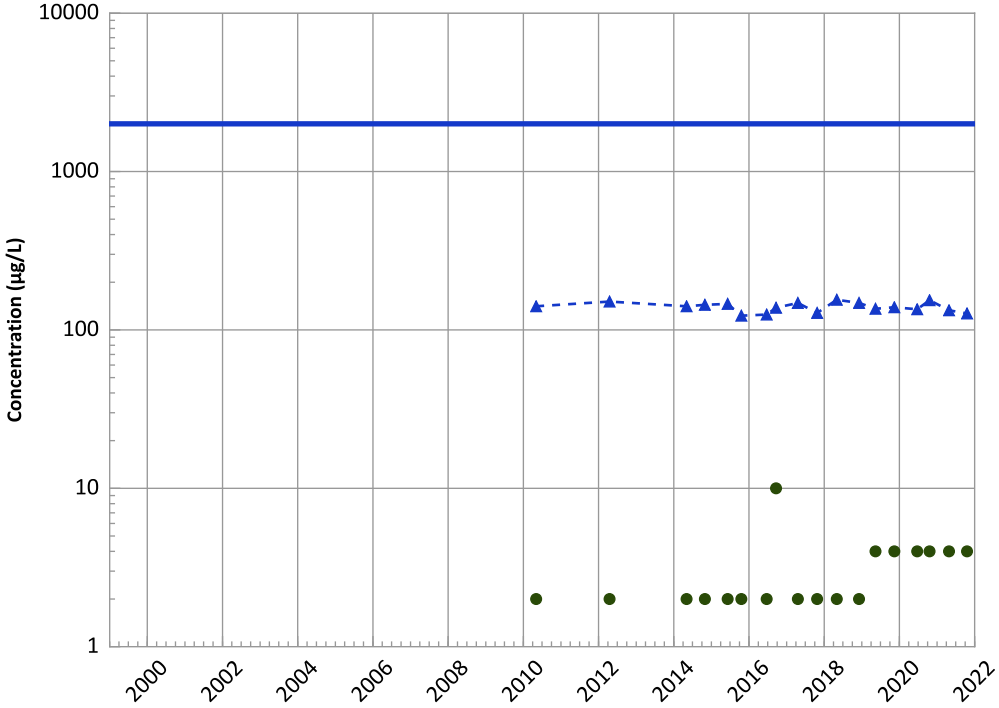


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Barium Trend

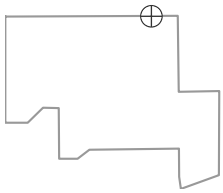


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Stable
2019 - 2021 Data:
Stable

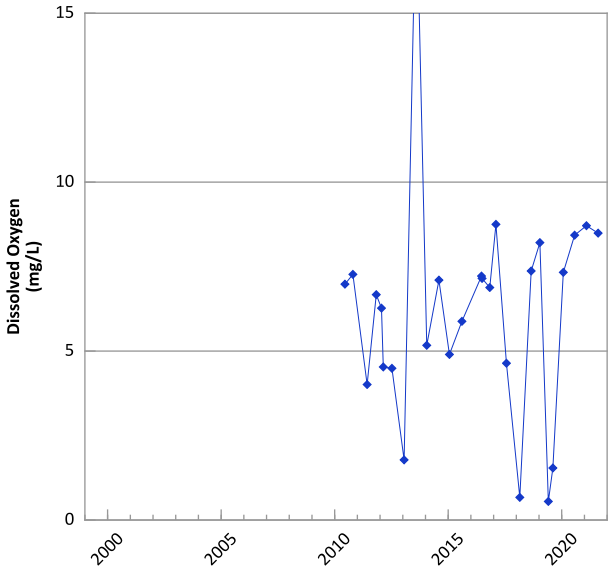
Well Location

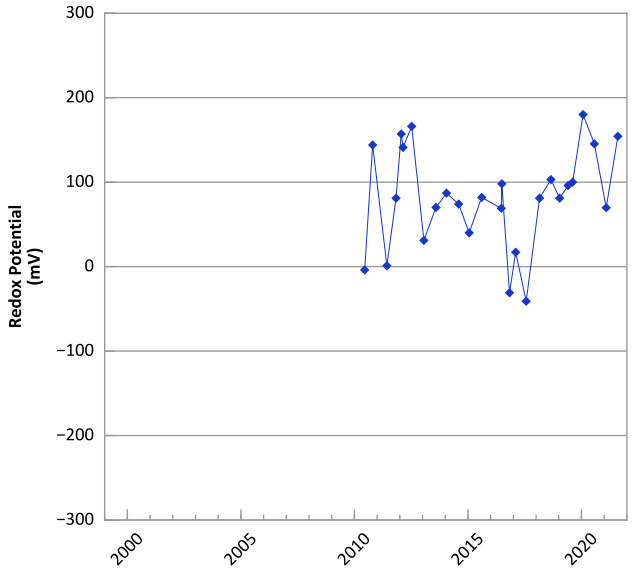


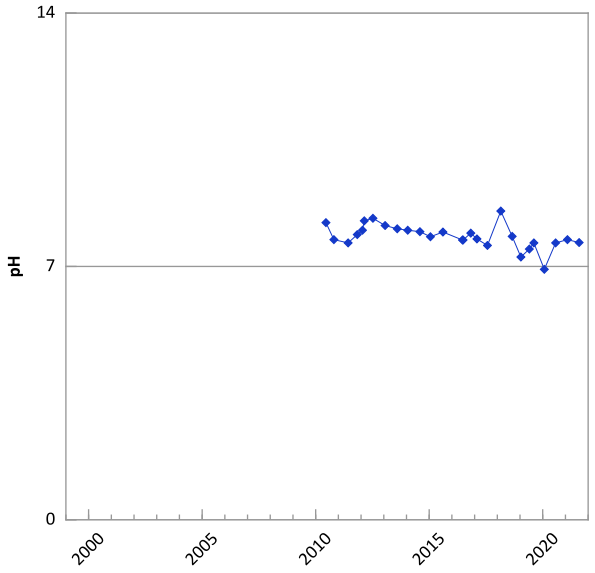
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 11/04/2009 to 10/19/2021
Analysis Date: 04/29/2022

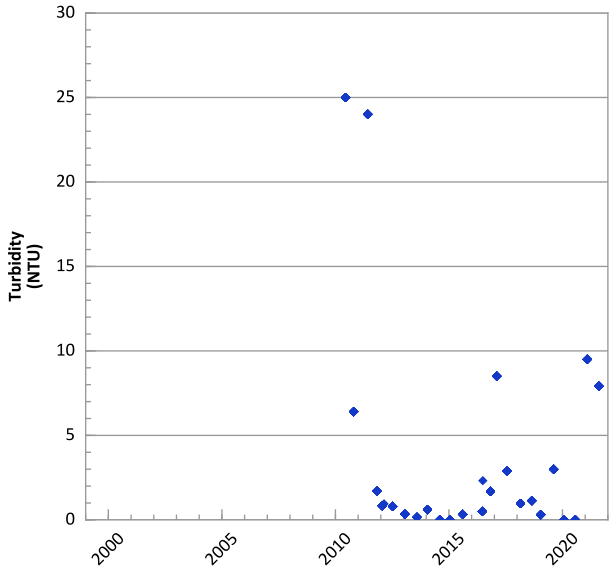
Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



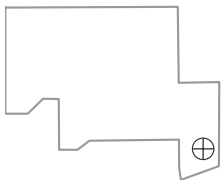






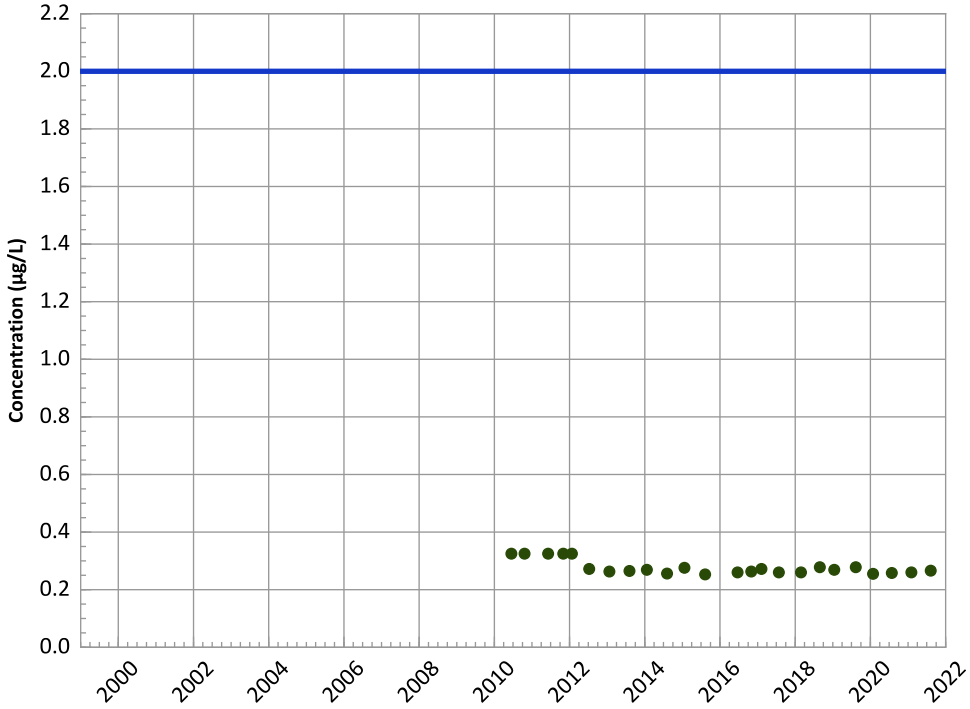
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

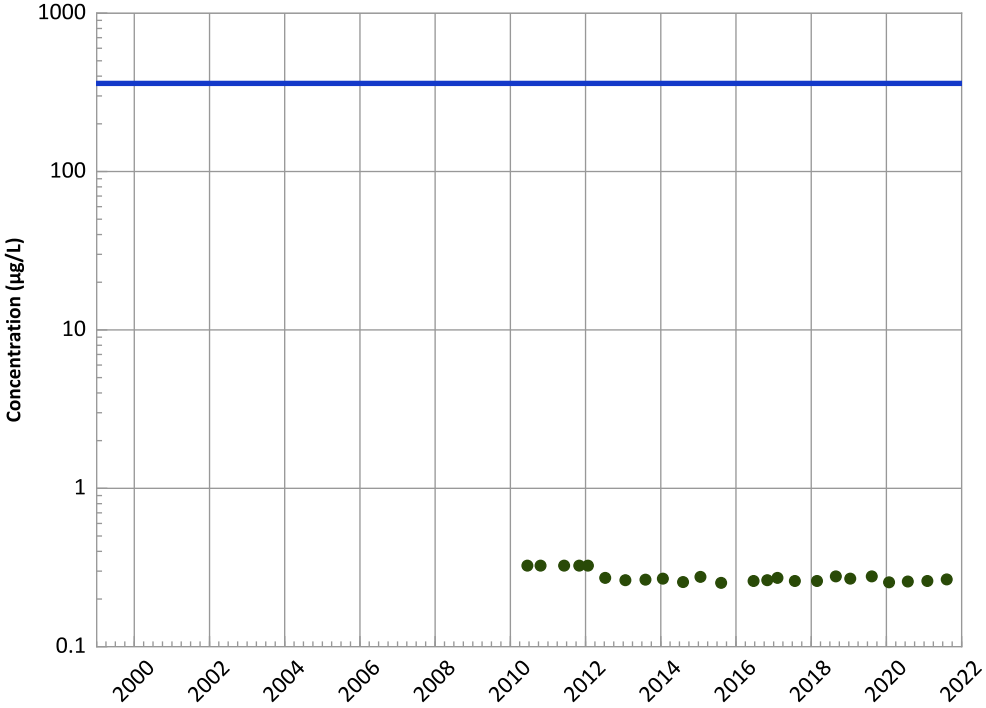


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

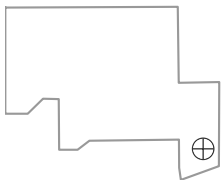
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

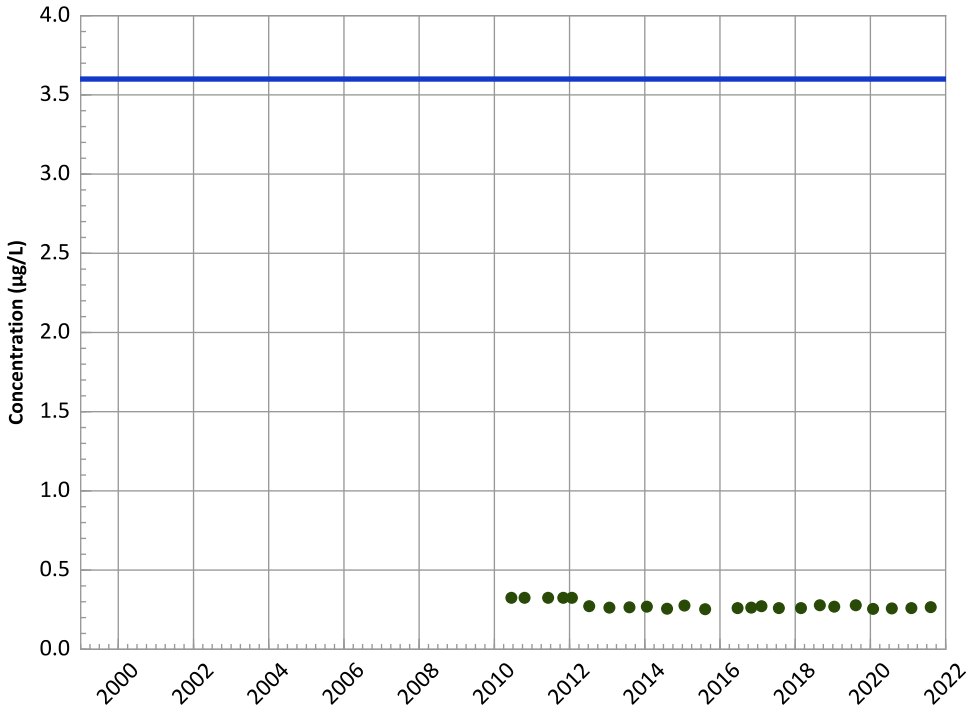
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

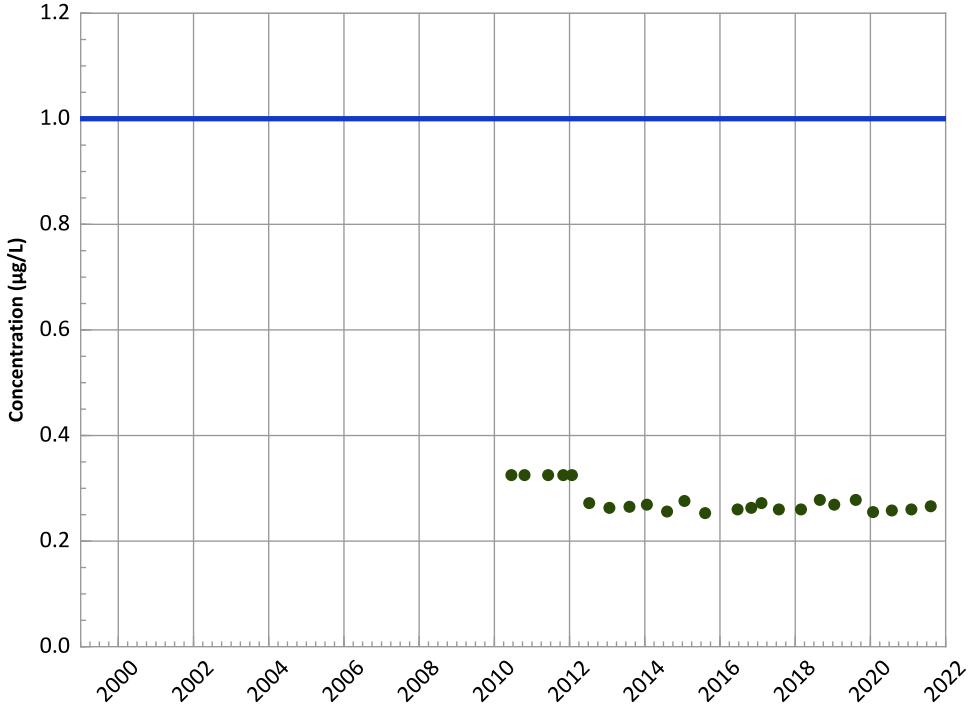


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend



Concentration Trend

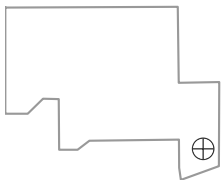
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

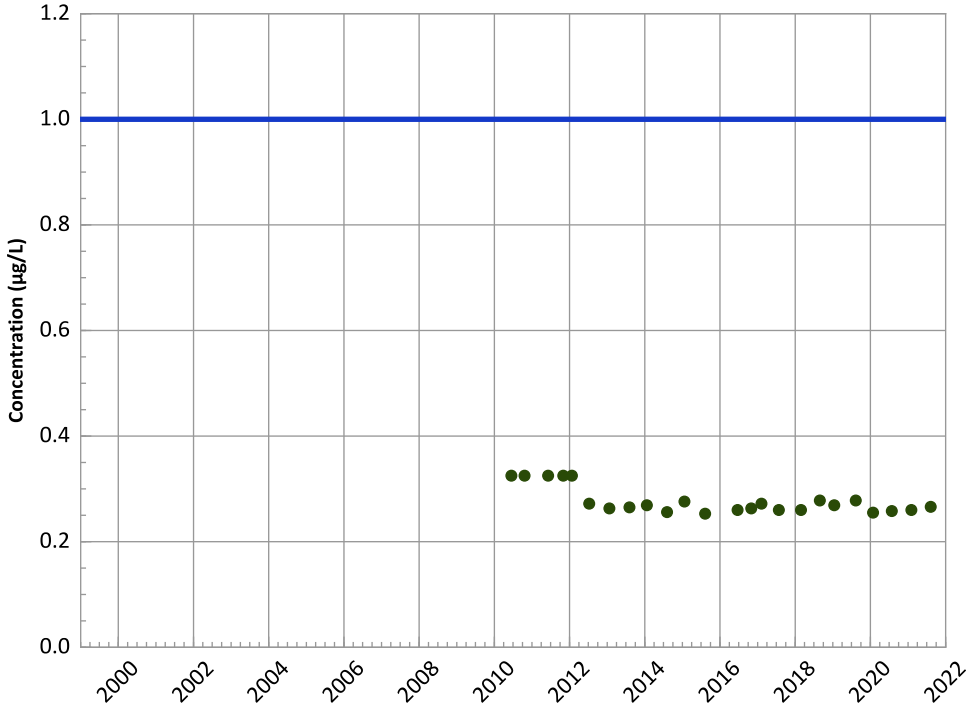
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

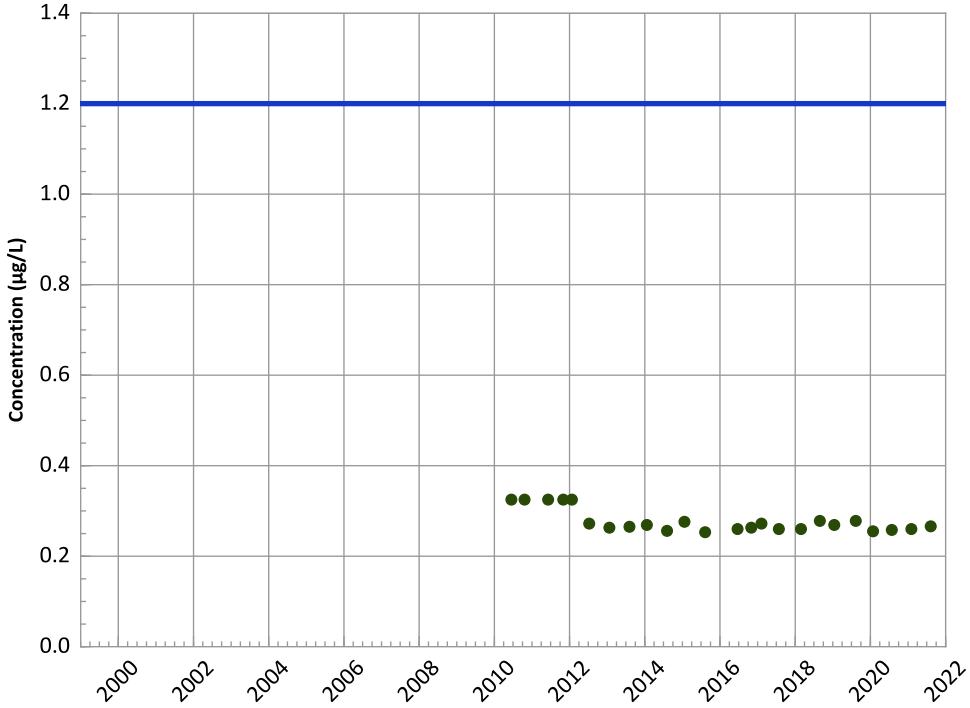


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

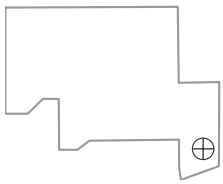


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

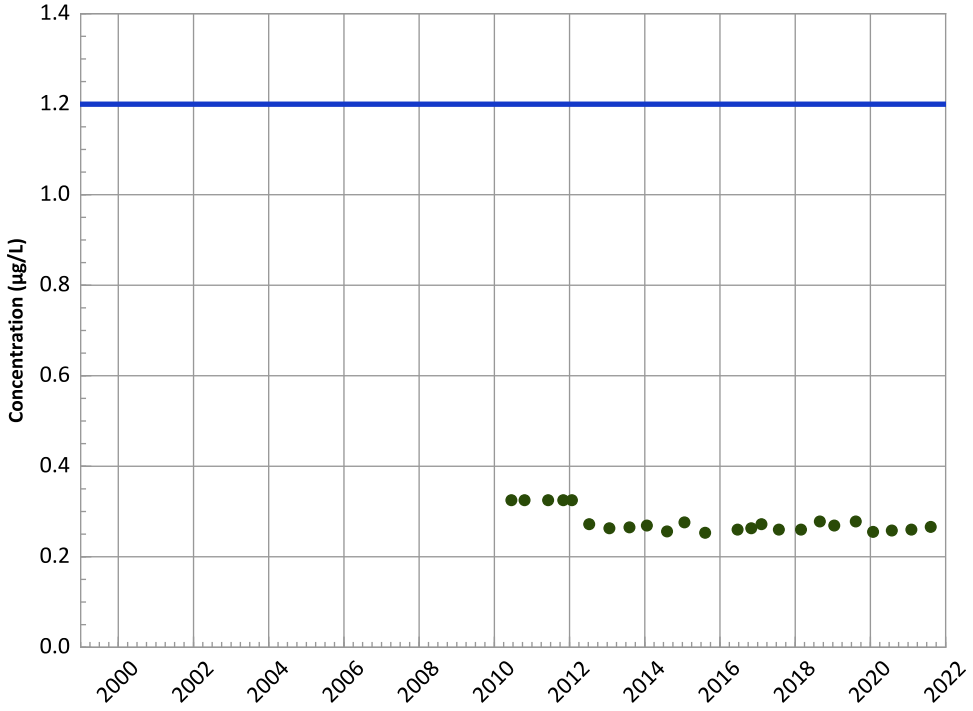


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

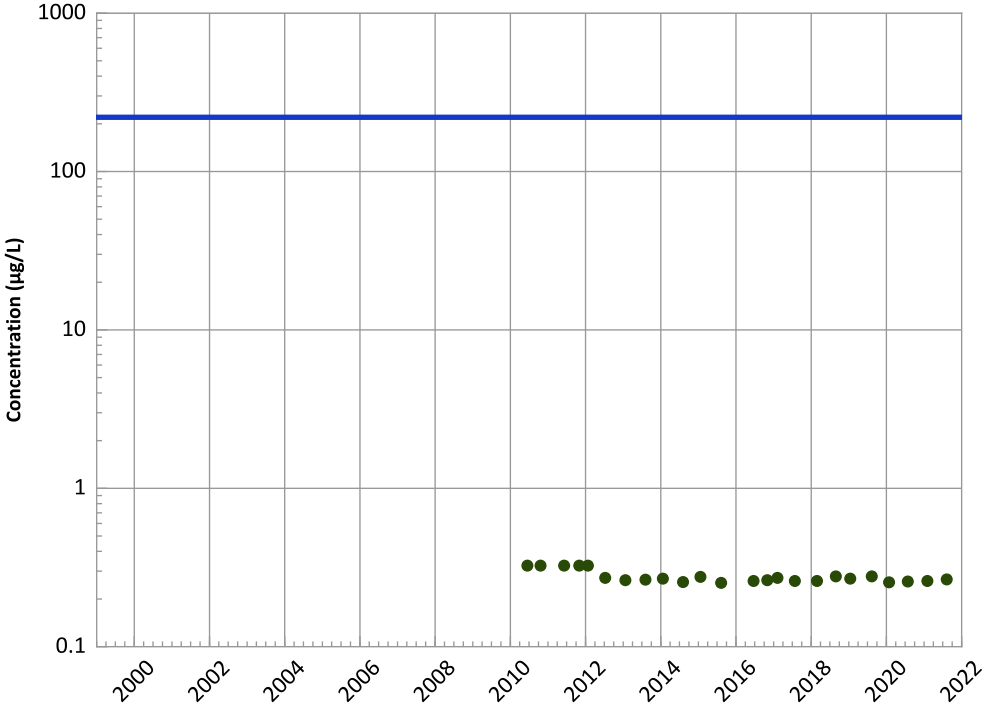


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

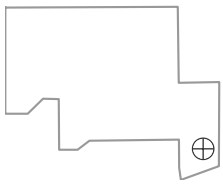
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

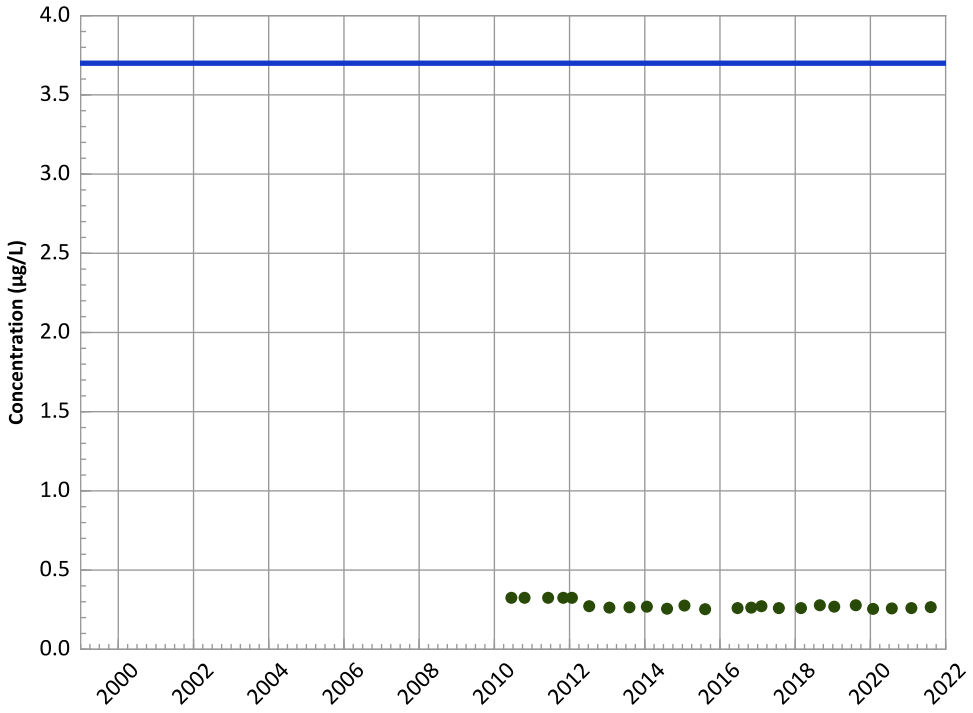
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

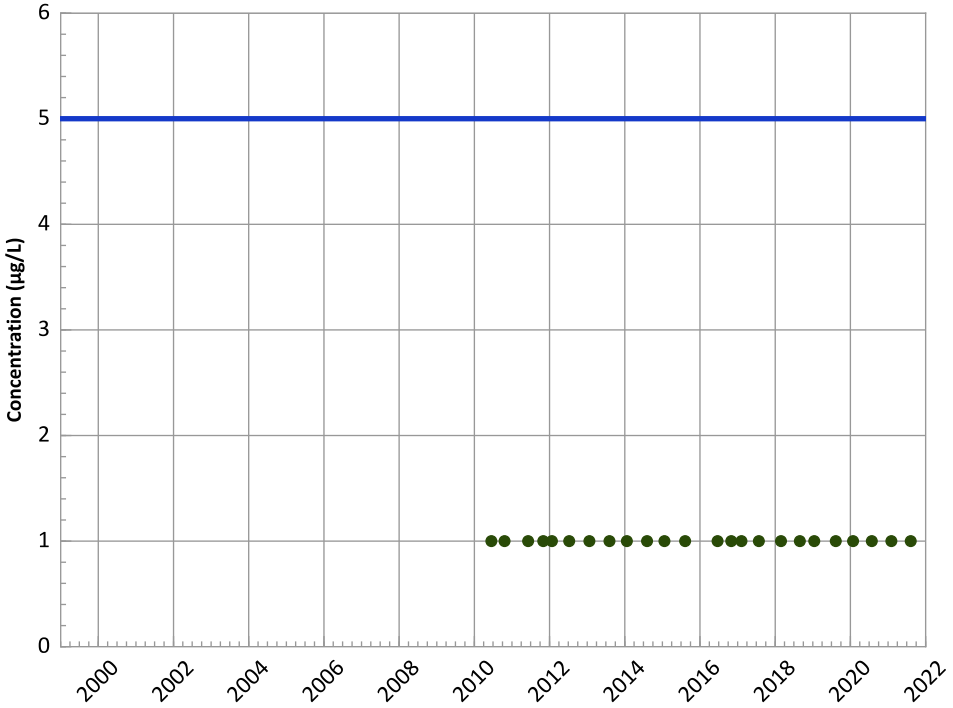


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Tetrachloroethylene (PCE) Trend



Concentration Trend

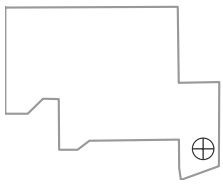
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

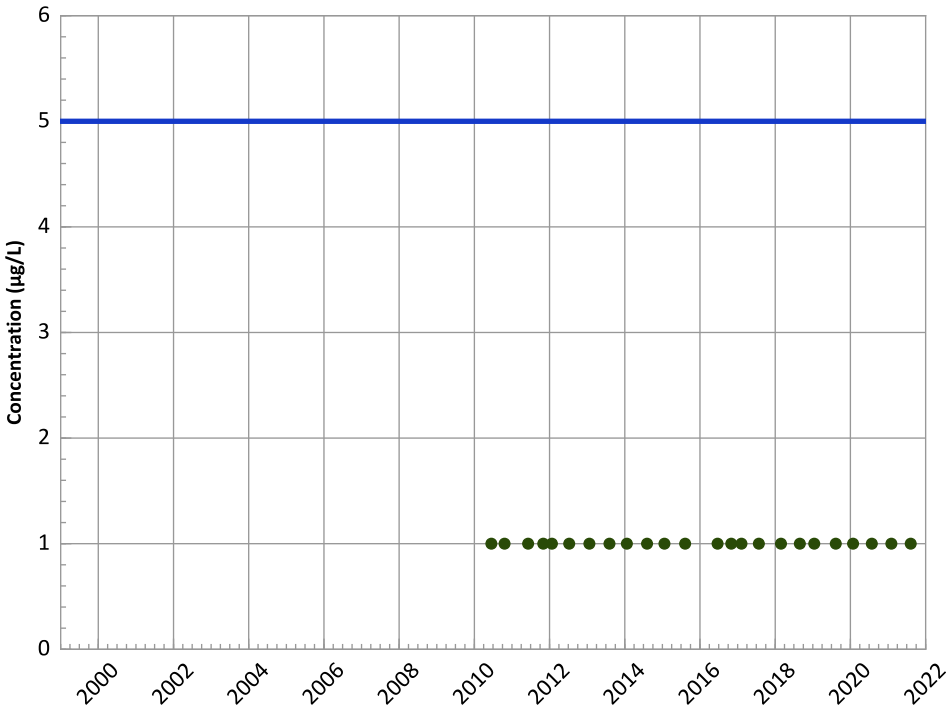
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Trichloroethene Trend

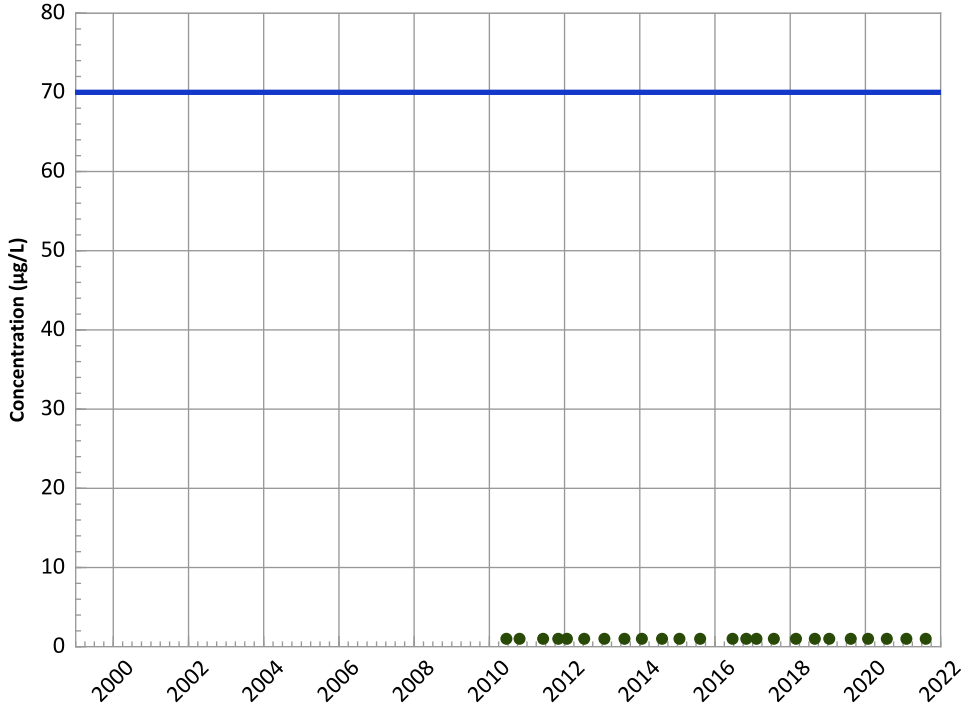


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

cis-1,2-Dichloroethene Trend



Concentration Trend

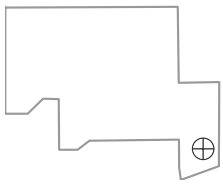
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

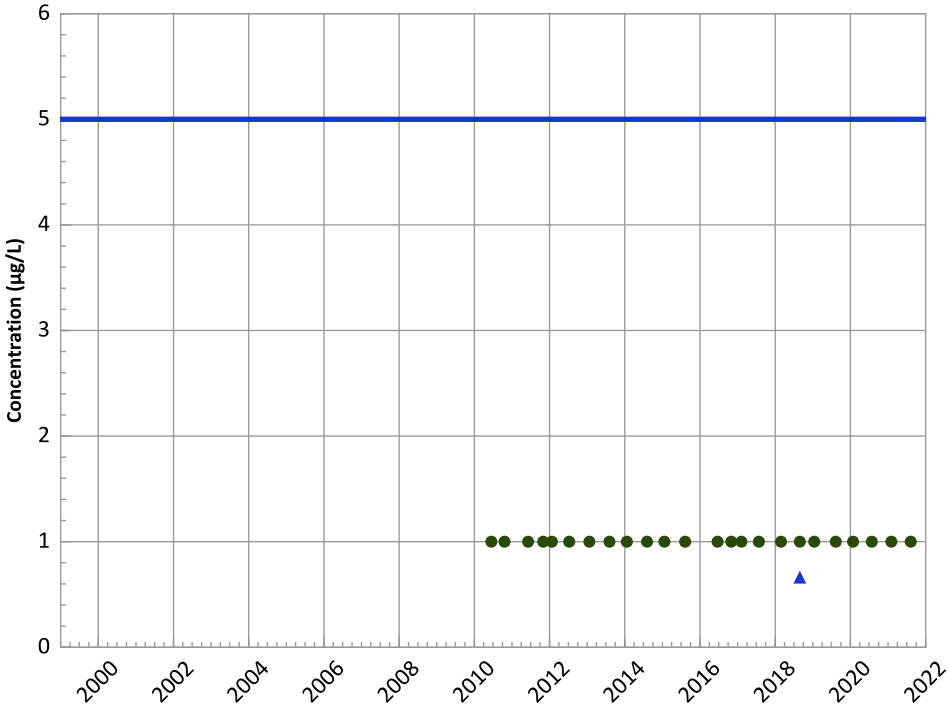
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,2-Dichloroethane Trend

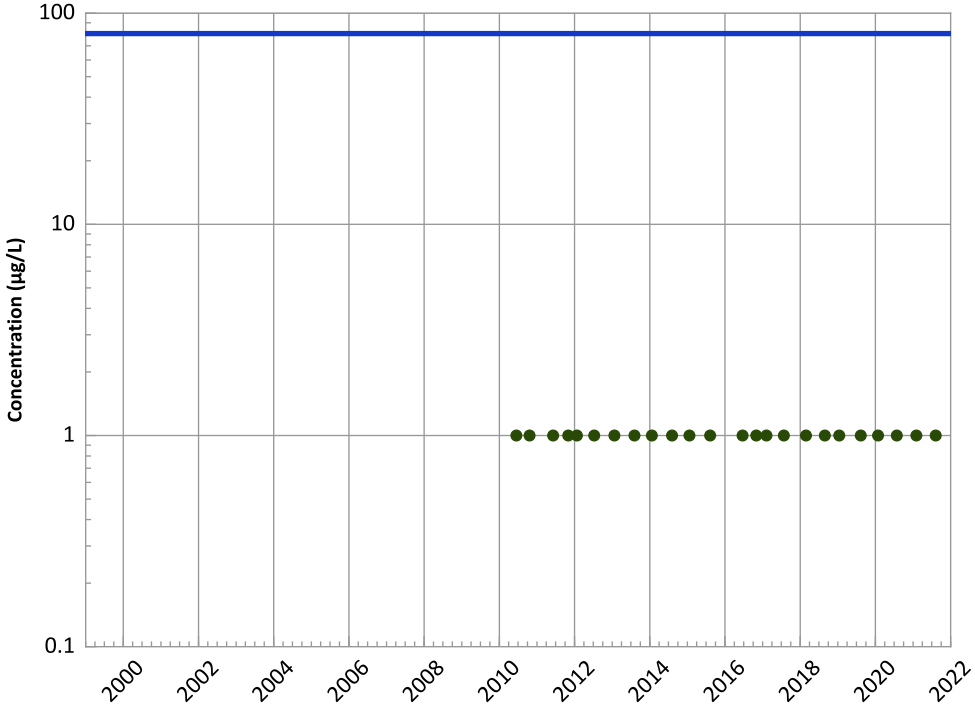


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Chloroform Trend



Concentration Trend

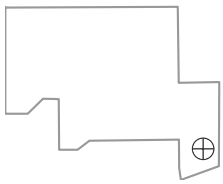
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

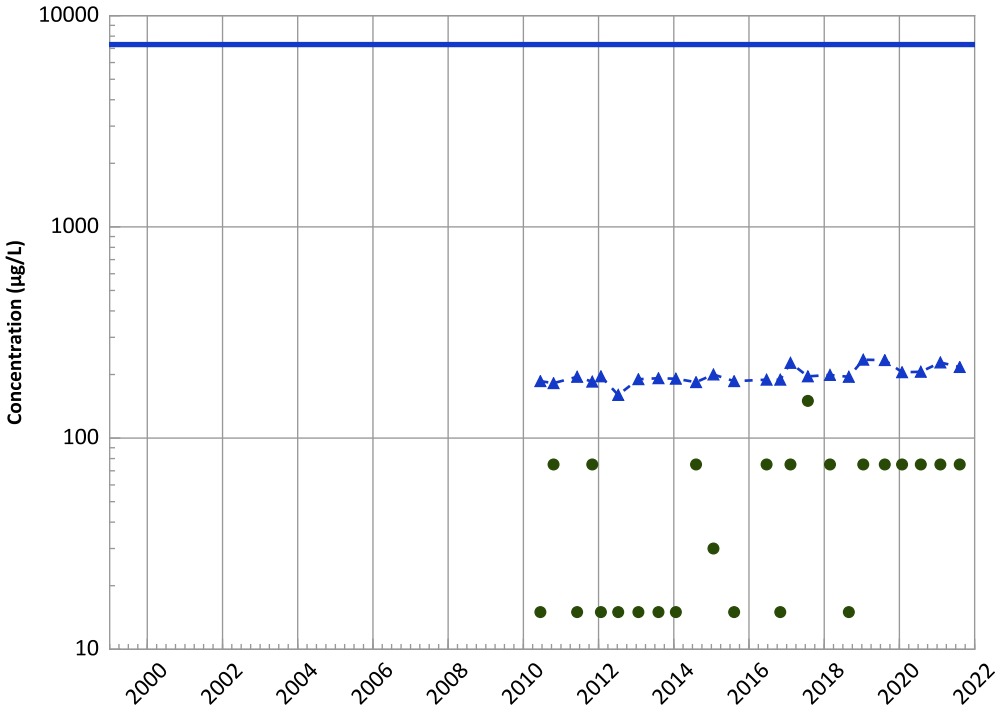
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

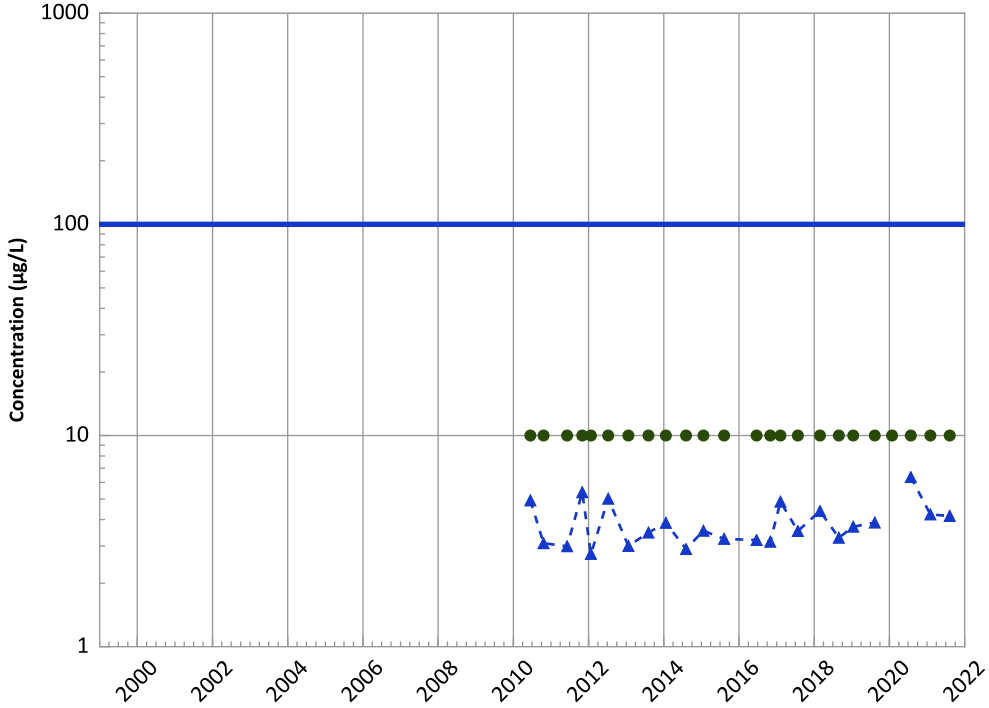


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Chromium, Total Trend



Concentration Trend

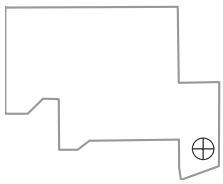
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Stable

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

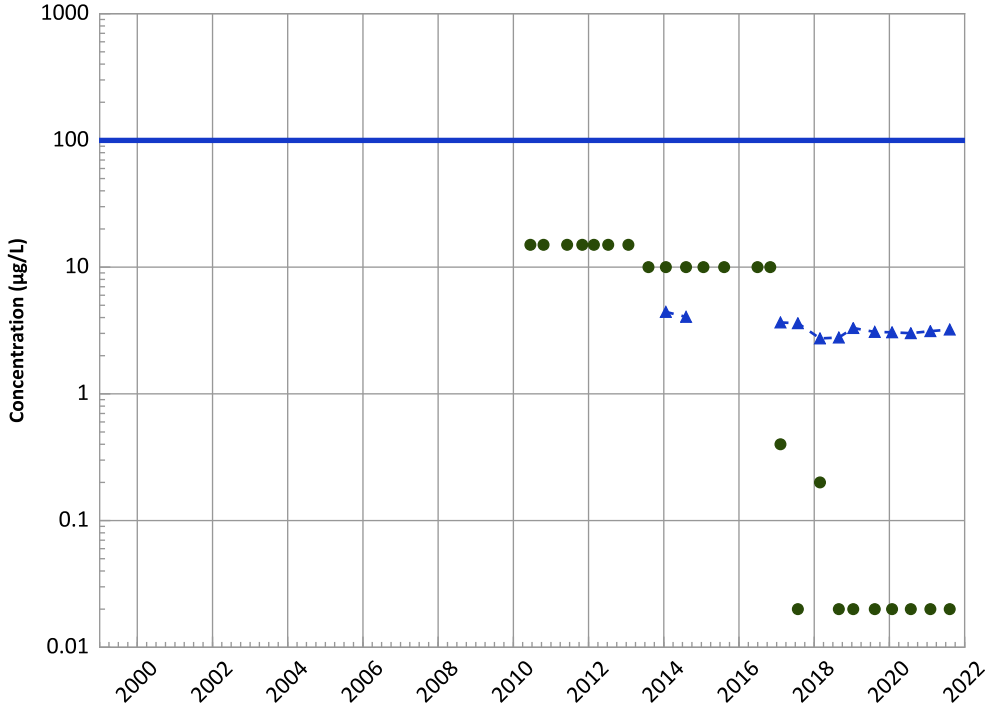
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
▬ Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chromium, Hexavalent Trend

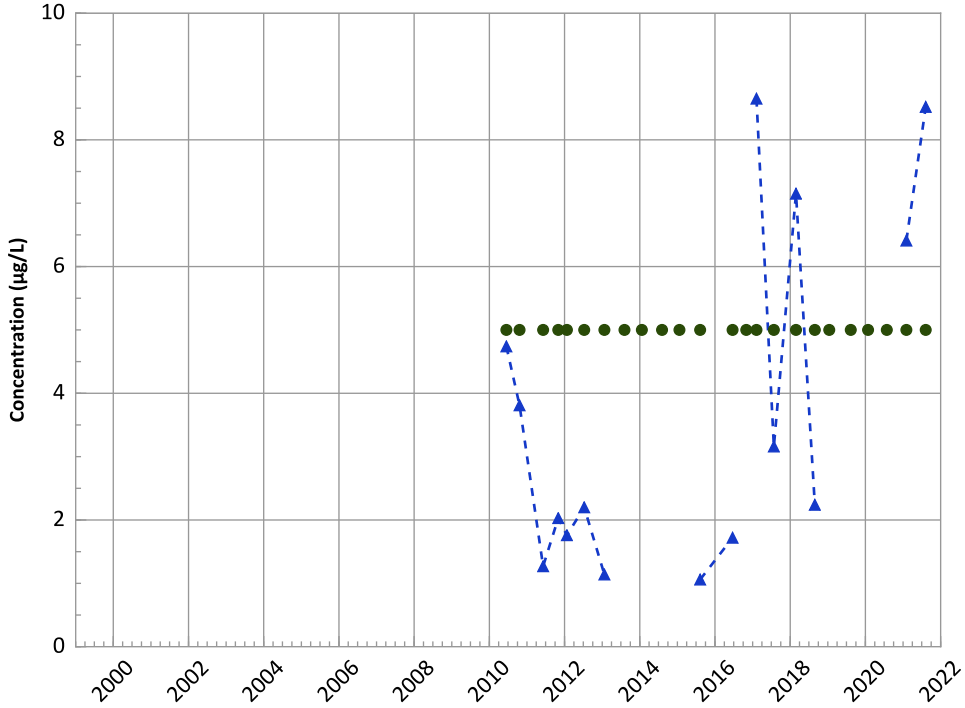


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Increasing

Manganese Trend



Concentration Trend

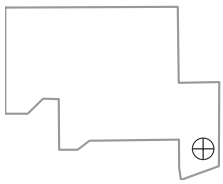
MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
Probably Increasing

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

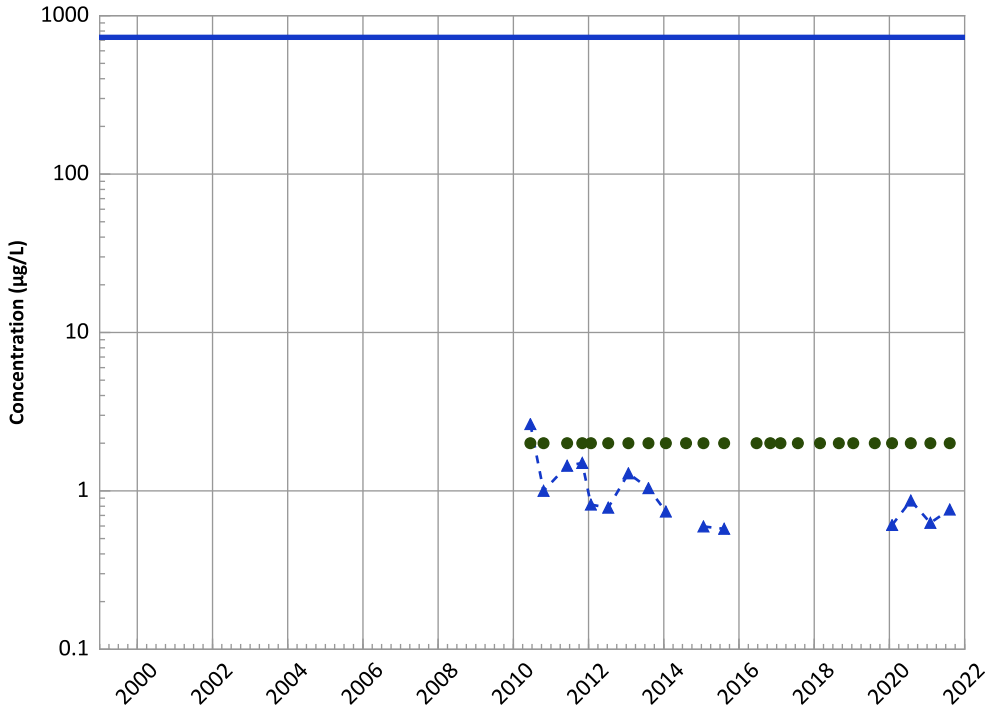
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Nickel Trend

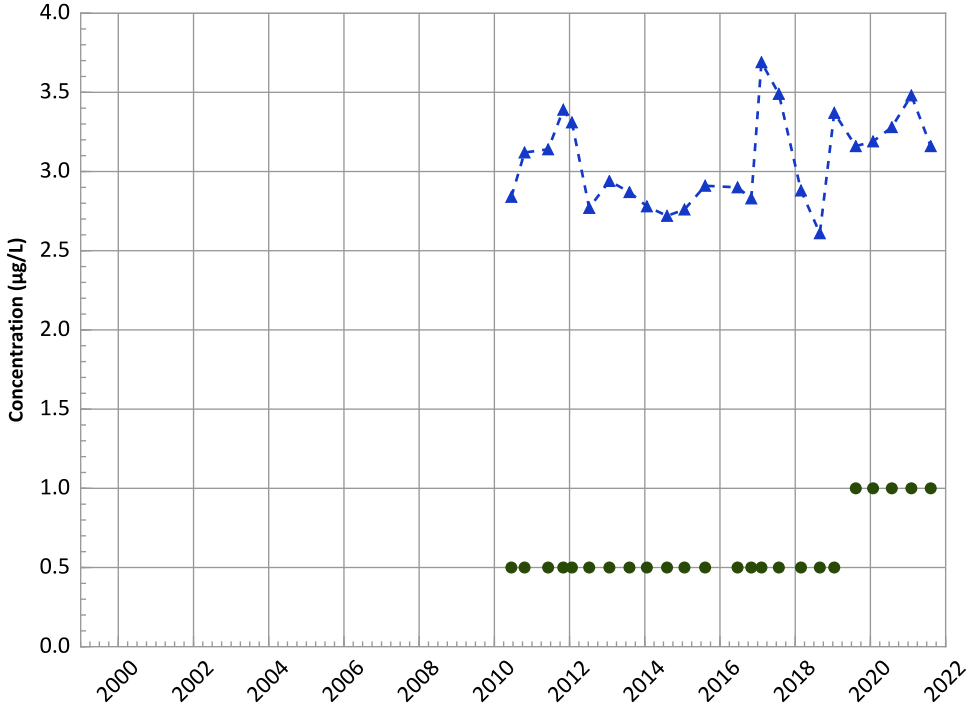


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Molybdenum Trend



Concentration Trend

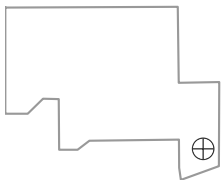
MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Probably Increasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

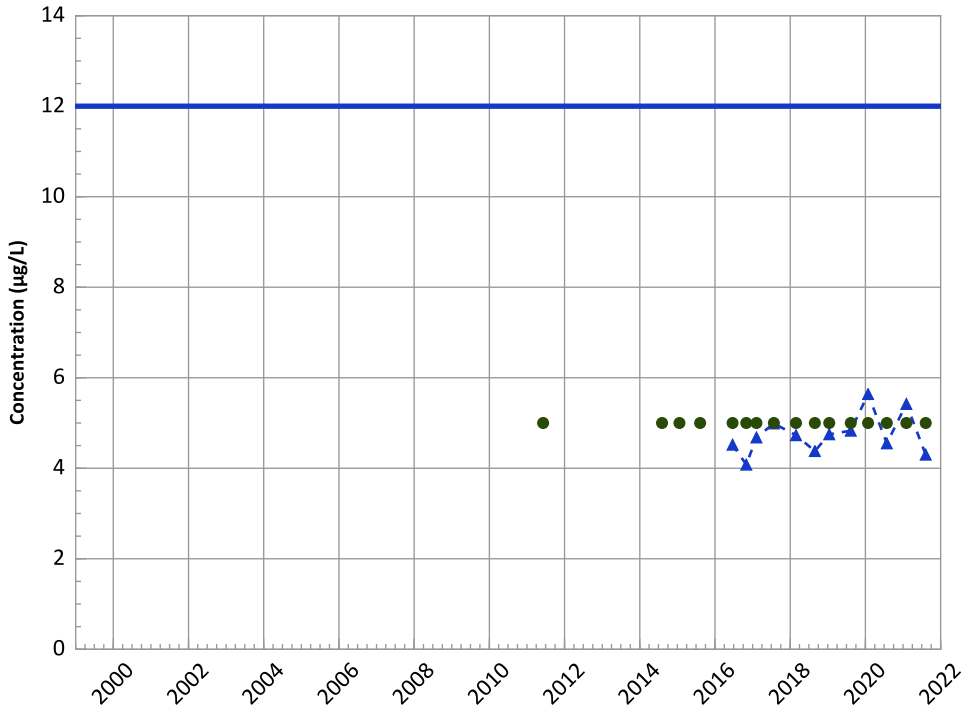
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

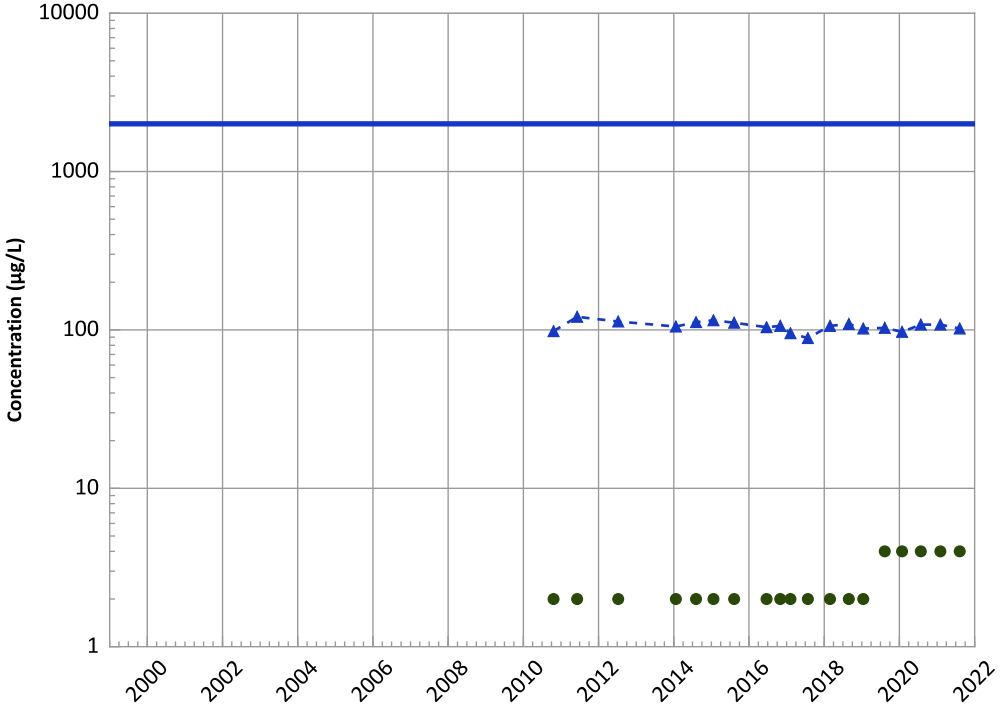


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Probably Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

Barium Trend

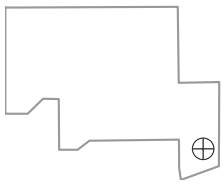


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
No Trend

Well Location

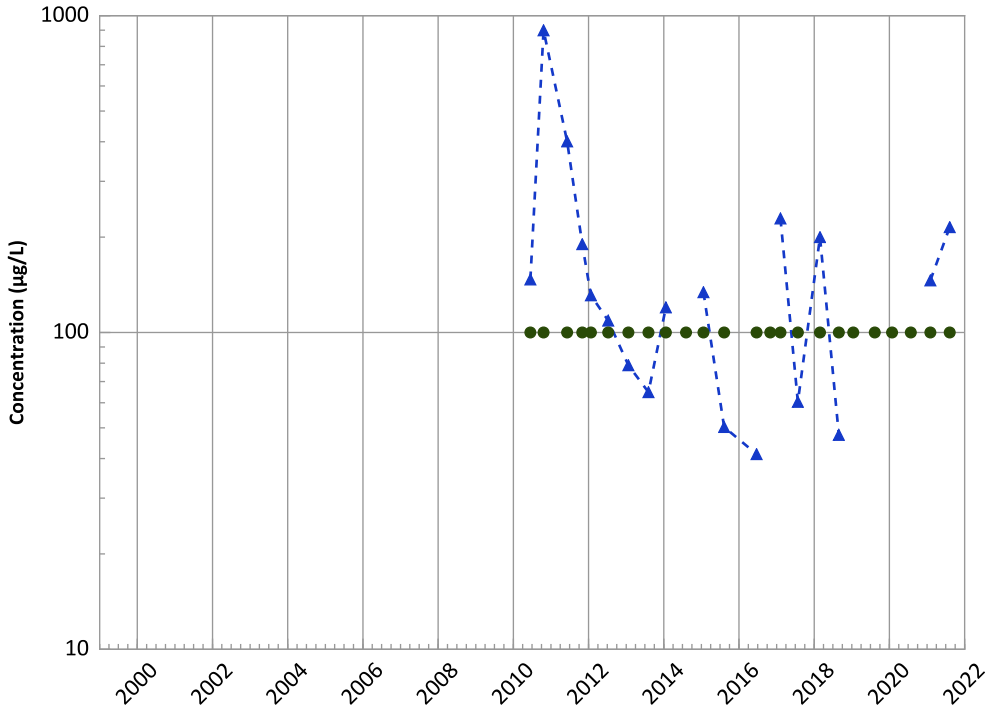


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX06-1157 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Iron Trend

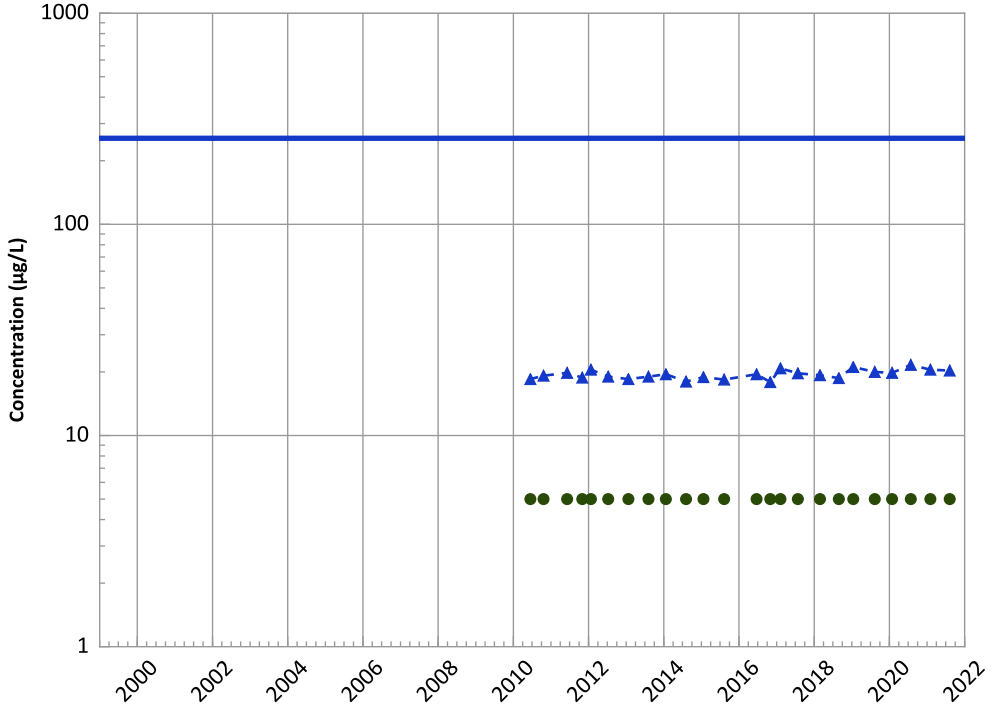


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
Probably Decreasing
2019 - 2021 Data:
Increasing

Vanadium Trend



Concentration Trend

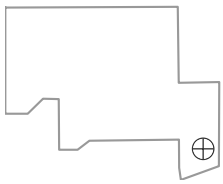
MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

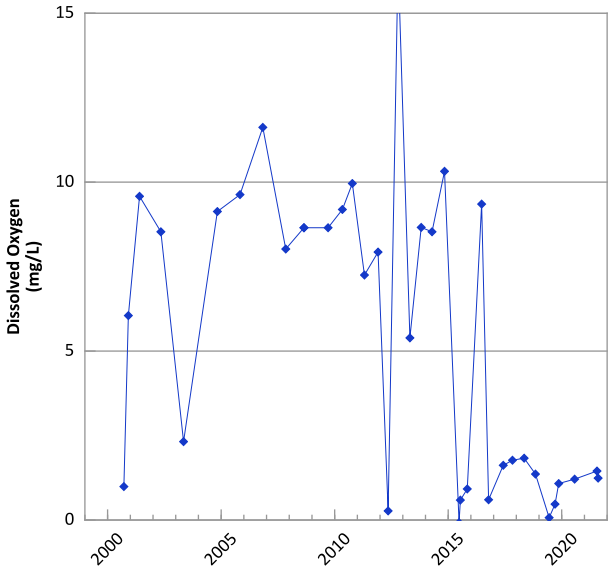
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 06/15/2010 to 08/09/2021
Analysis Date: 04/29/2022

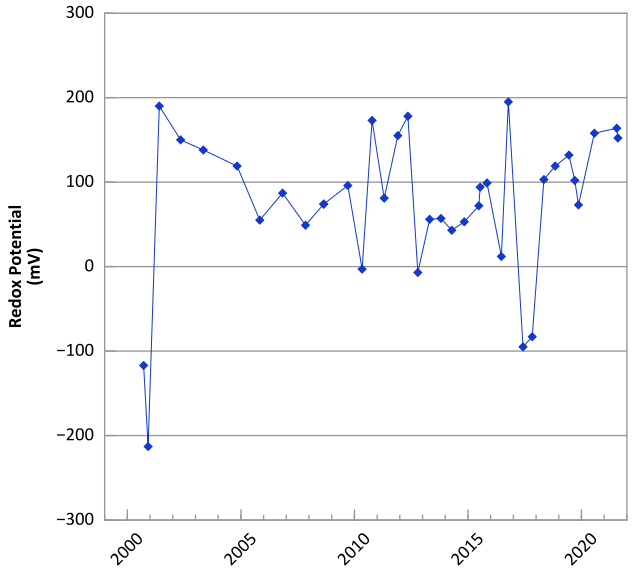
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

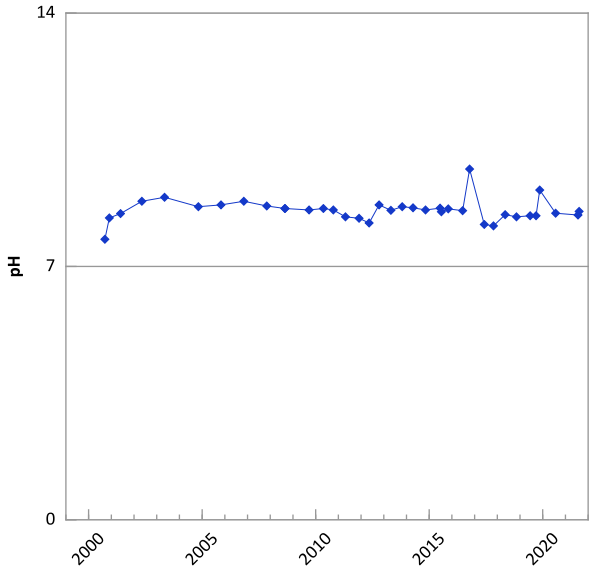
Well Location

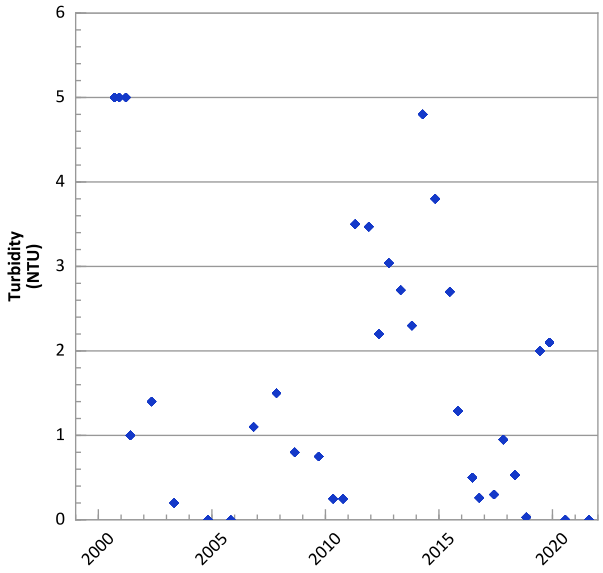


PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant
Field Parameters



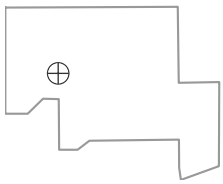






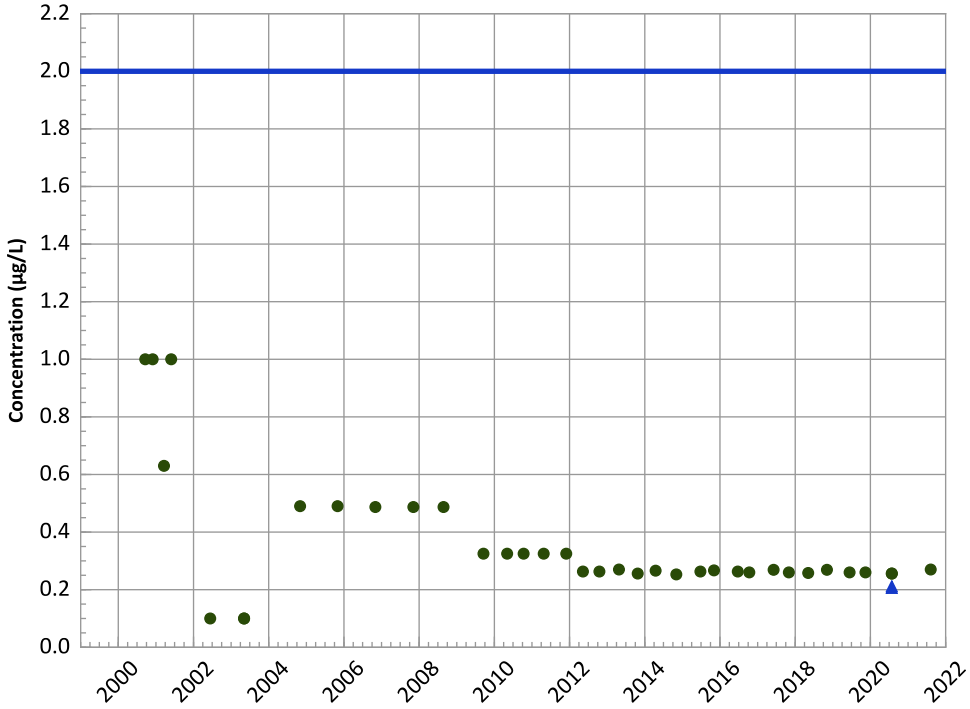
Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

RDX (Hexahydro-1,3,5-Trinitro-1,3,5-Triazine) Trend

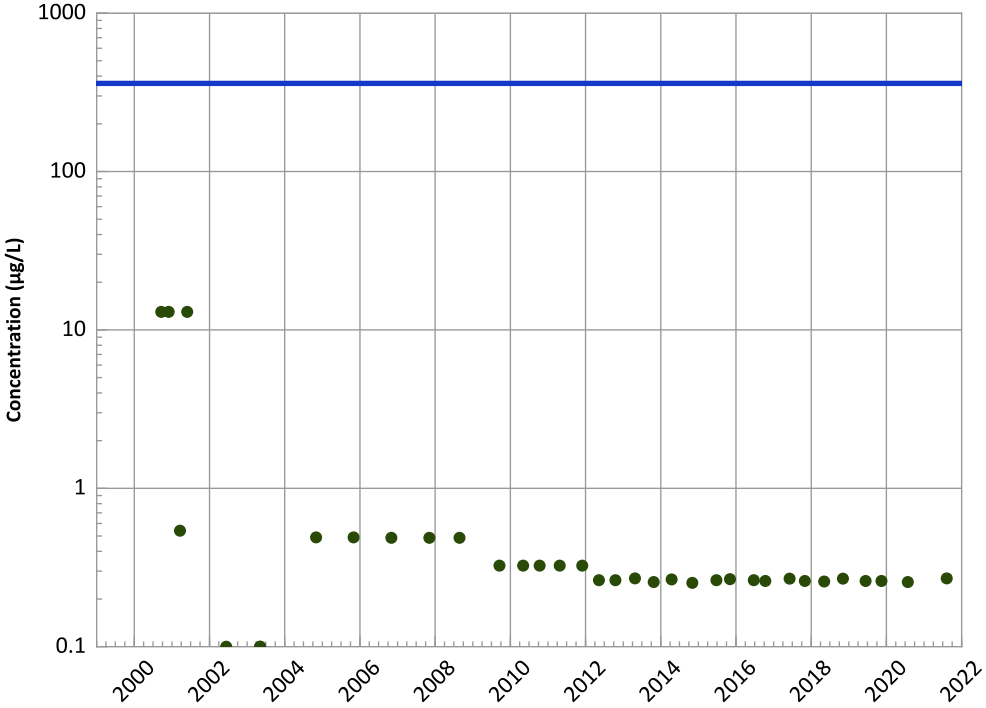


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine) Trend



Concentration Trend

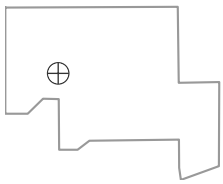
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

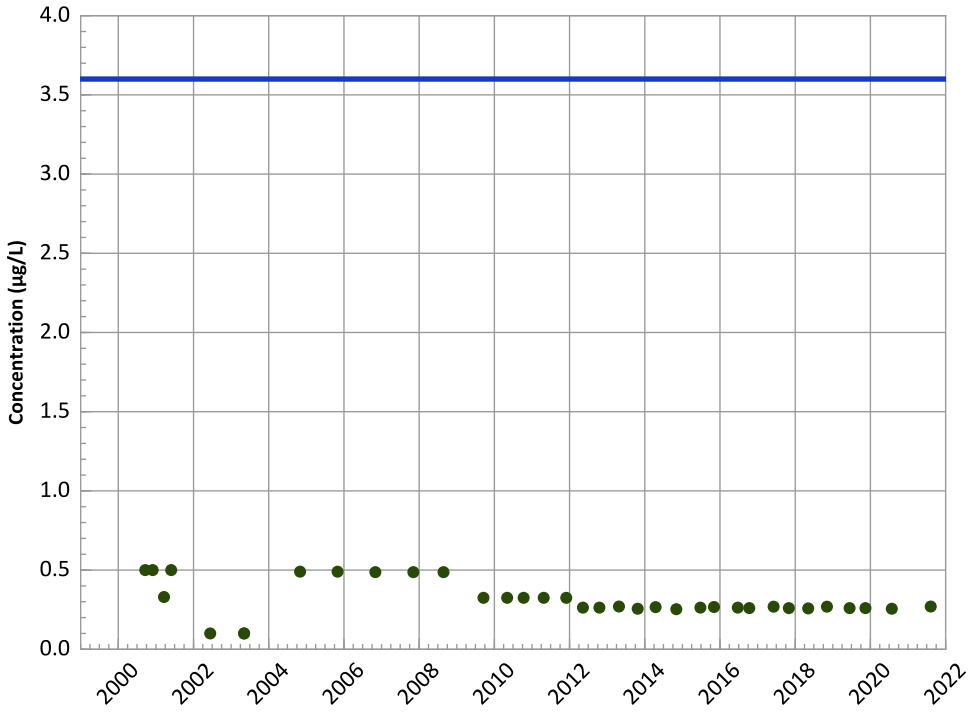
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

TNT (2,4,6-Trinitrotoluene) Trend

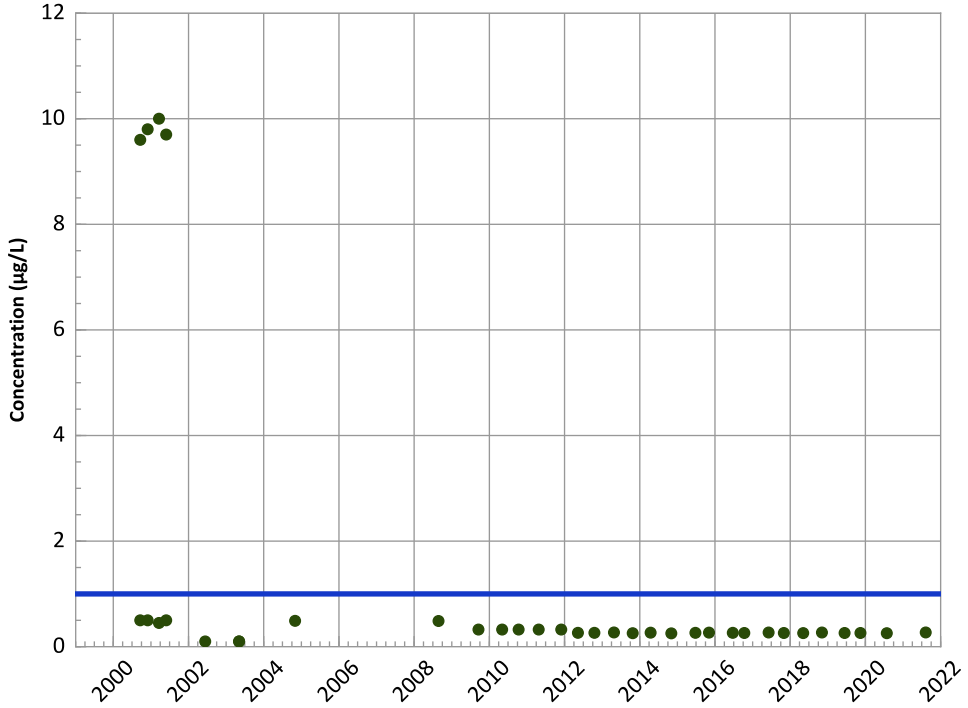


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2,4-Dinitrotoluene Trend

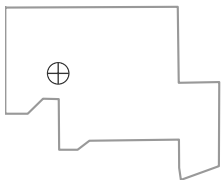


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

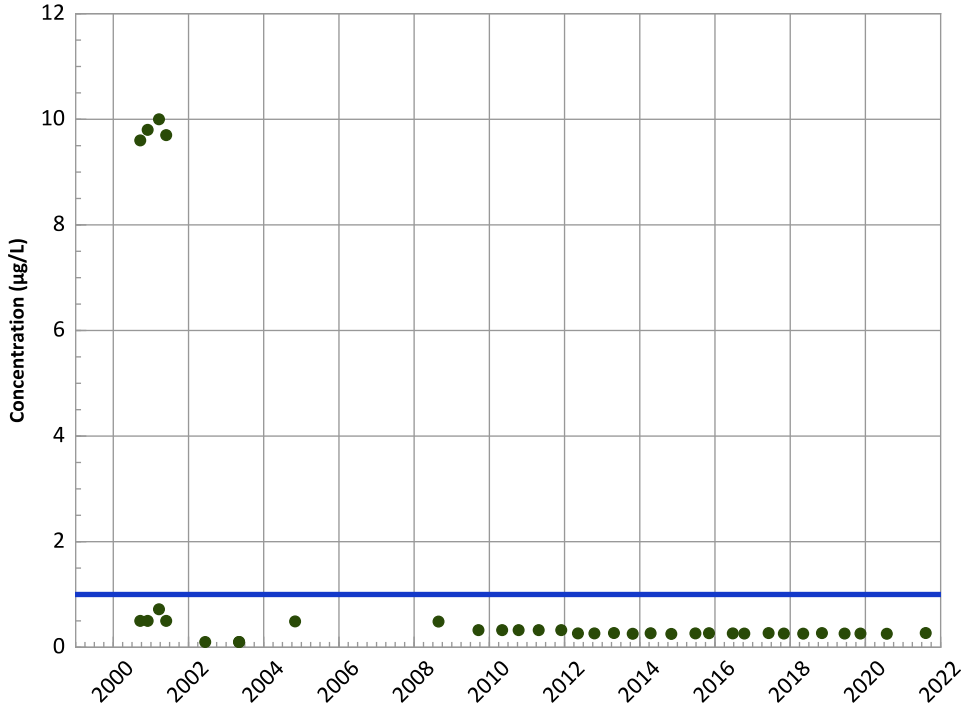


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ═══ Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

2,6-Dinitrotoluene Trend

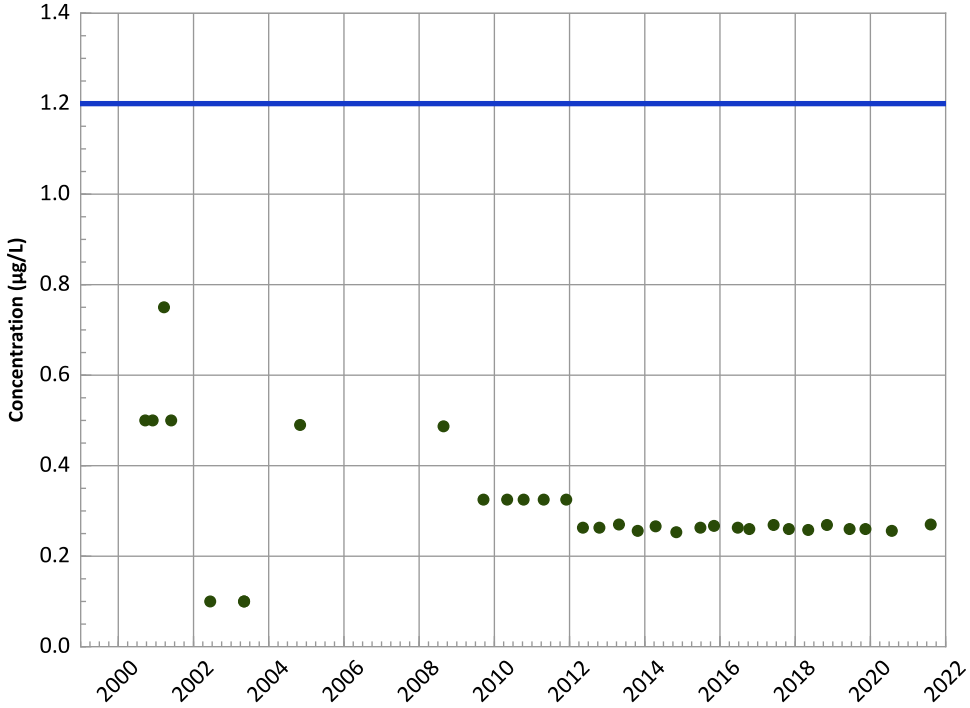


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

2-Amino-4,6-Dinitrotoluene Trend

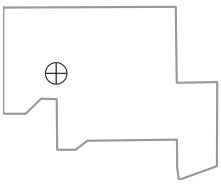


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

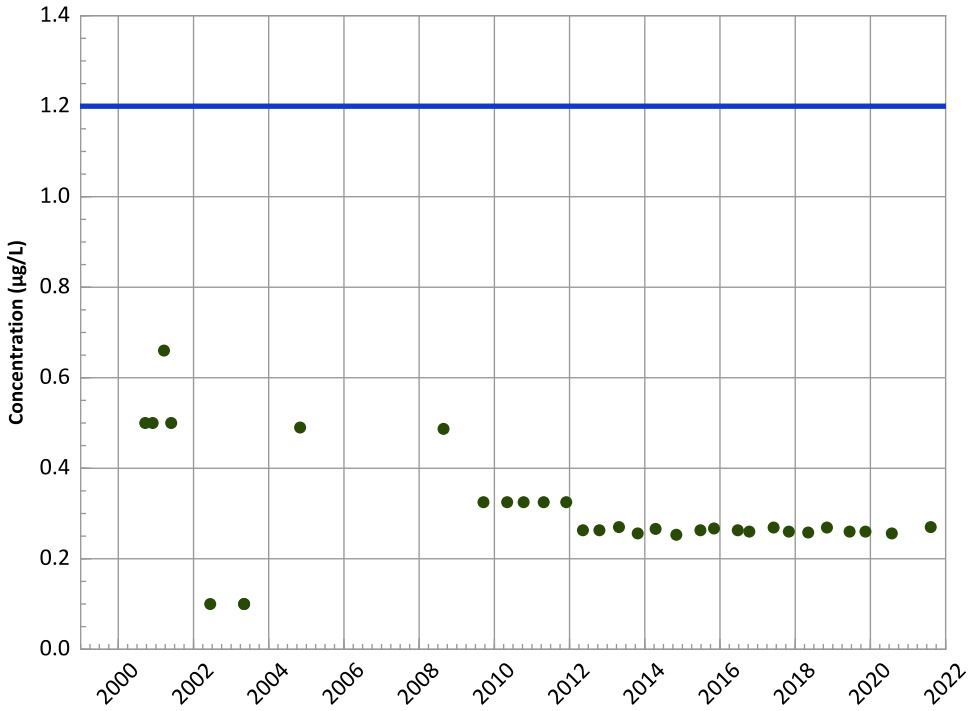


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

4-Amino-2,6-Dinitrotoluene Trend

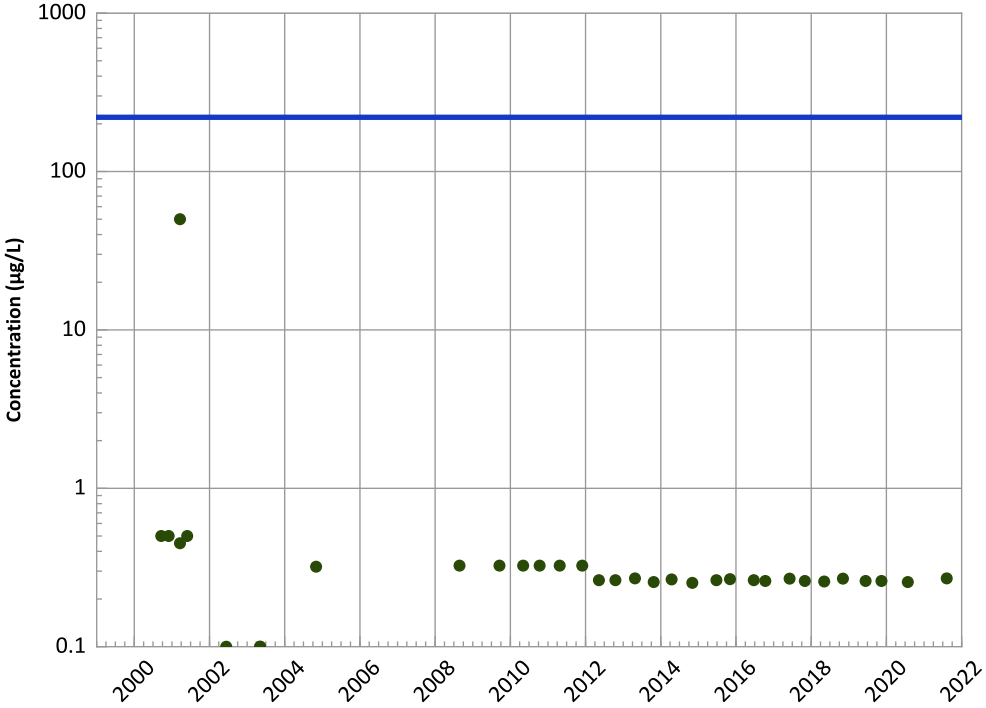


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,3,5-Trinitrobenzene Trend



Concentration Trend

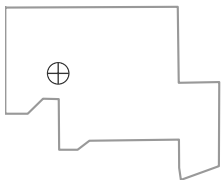
MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

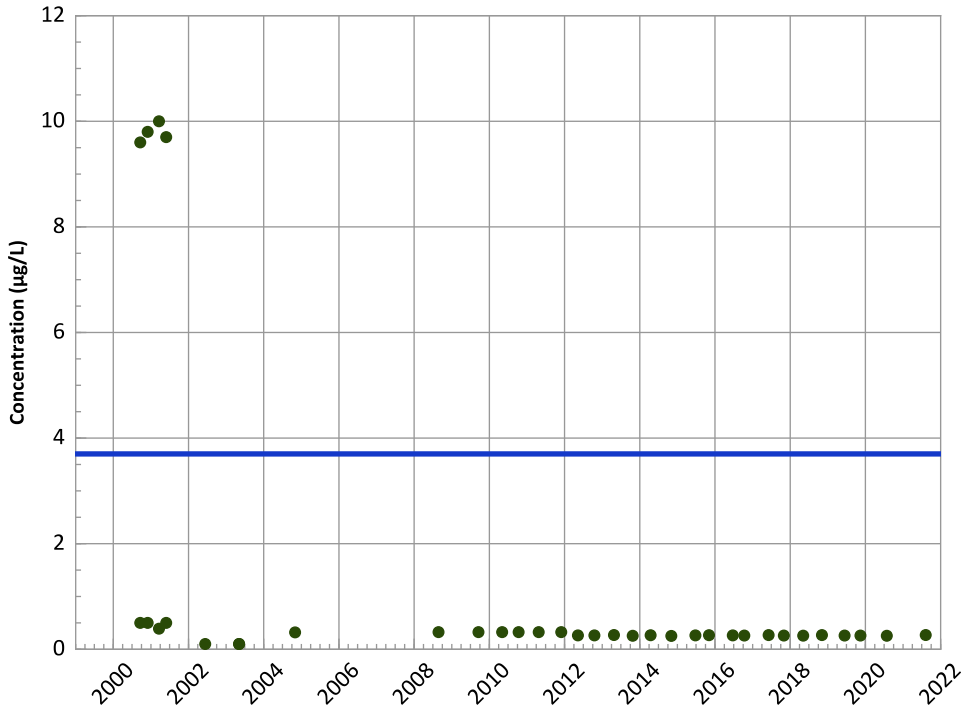
▲ Measured Value
● Sample Detection Limit
- - - Concentration Trend
═══ Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

1,3-Dinitrobenzene Trend

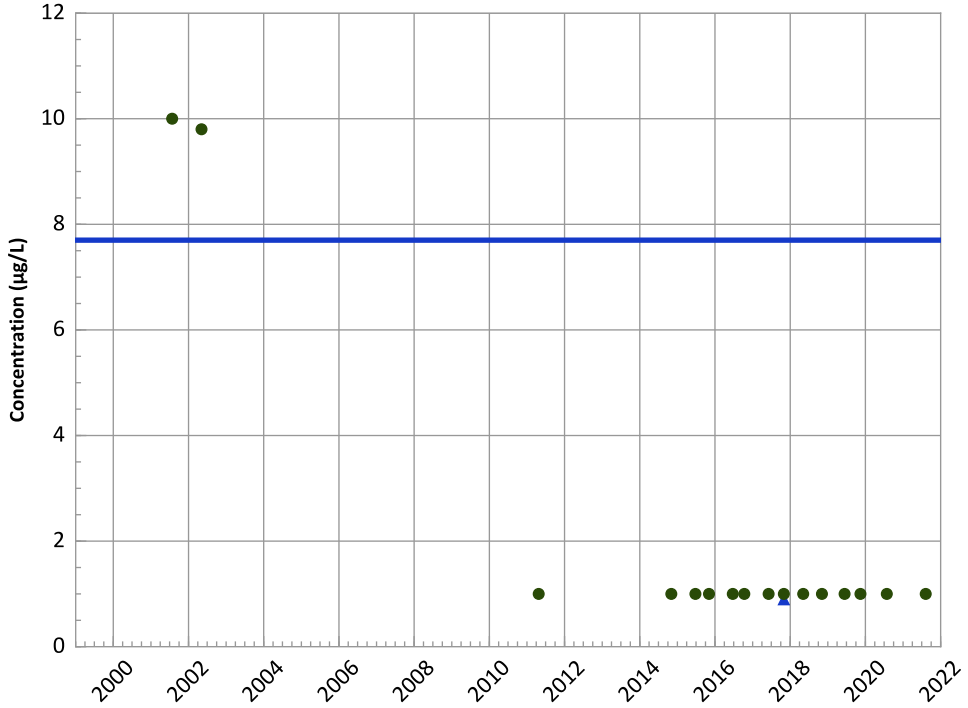


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,4-Dioxane (p-Dioxane) Trend

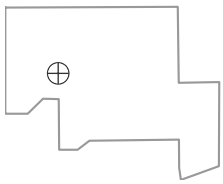


Concentration Trend

MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Well Location

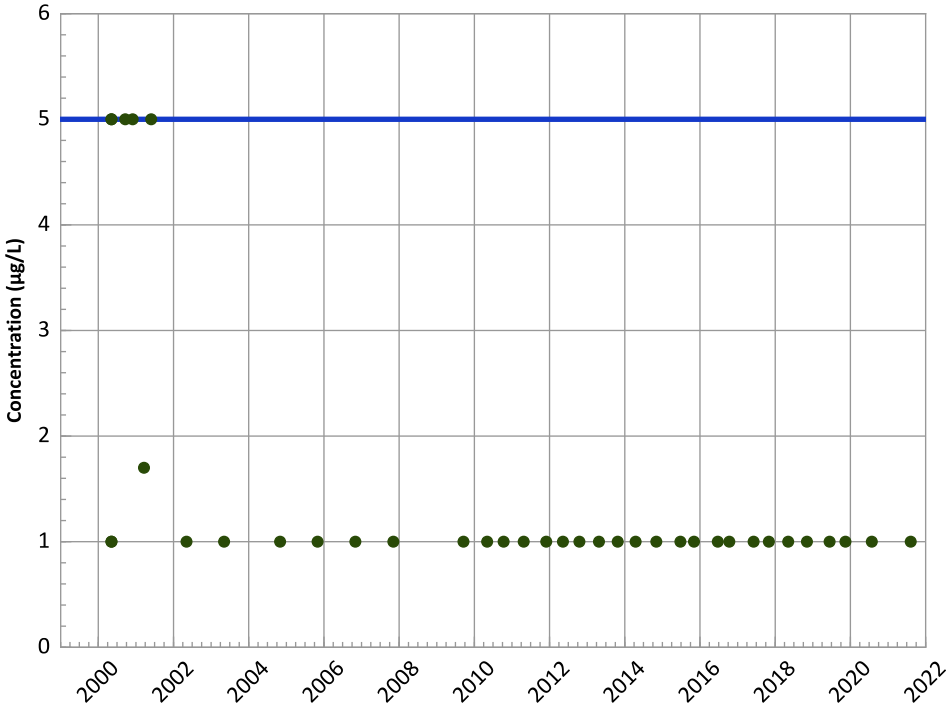


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- - - - Concentration Trend
- ━━ Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Tetrachloroethylene (PCE) Trend

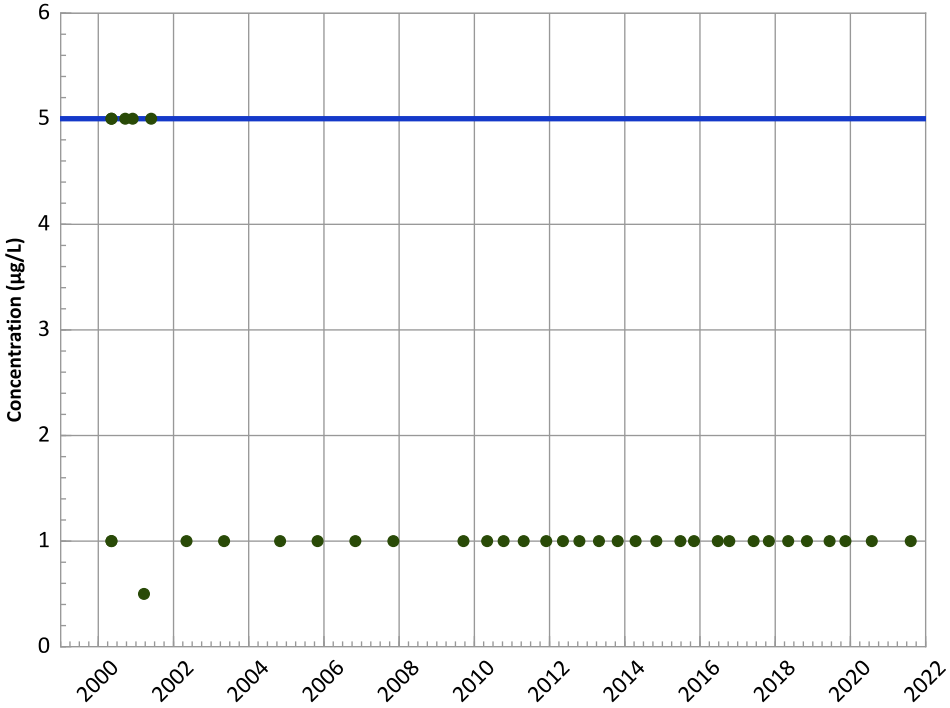


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Trichloroethene Trend

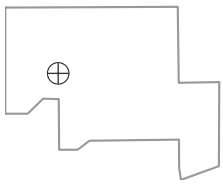


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

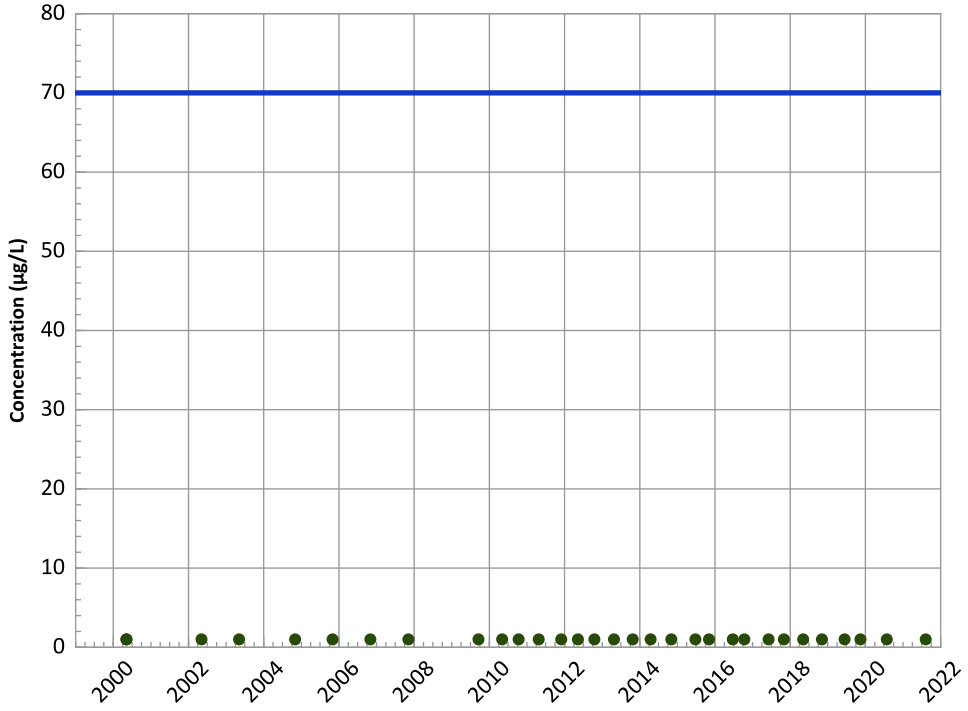


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

cis-1,2-Dichloroethene Trend

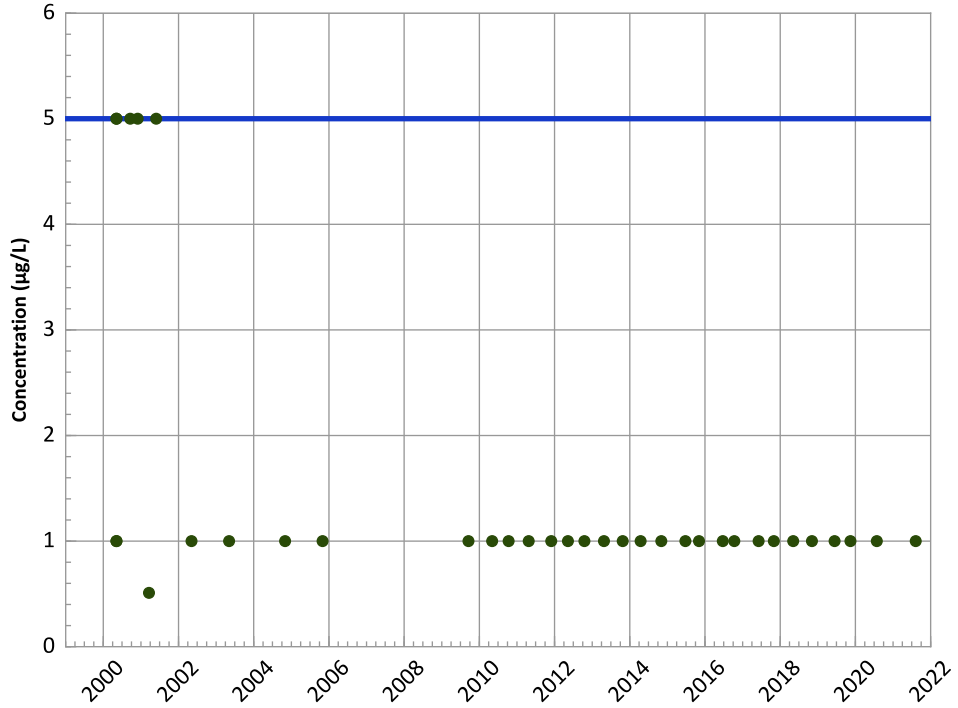


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

1,2-Dichloroethane Trend

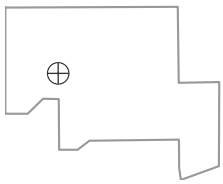


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Well Location

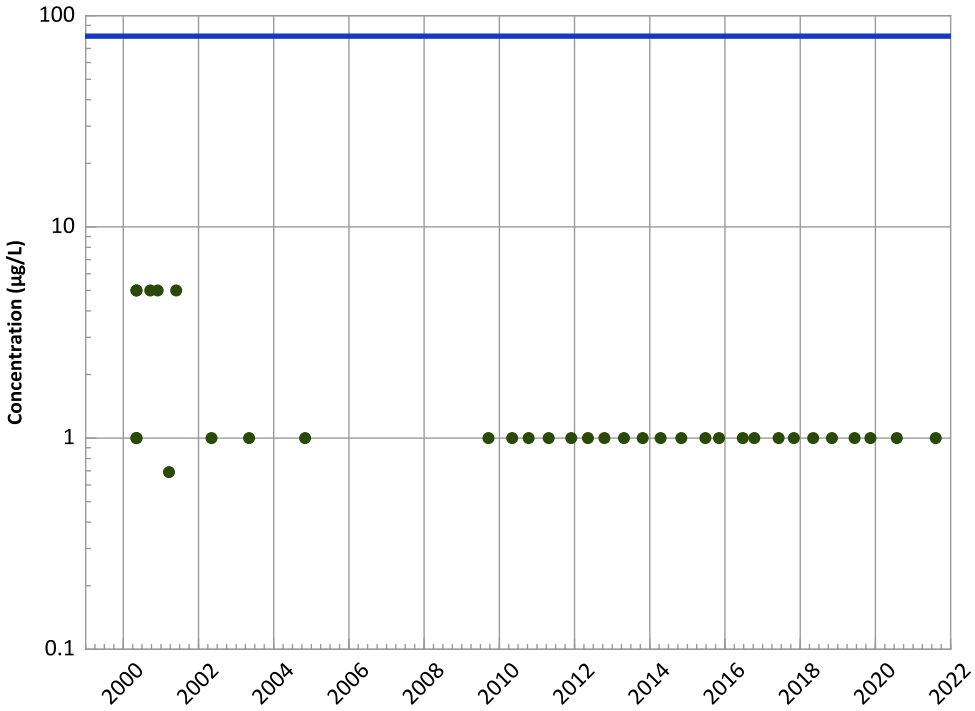


Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

- ▲ Measured Value
- ● Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Chloroform Trend

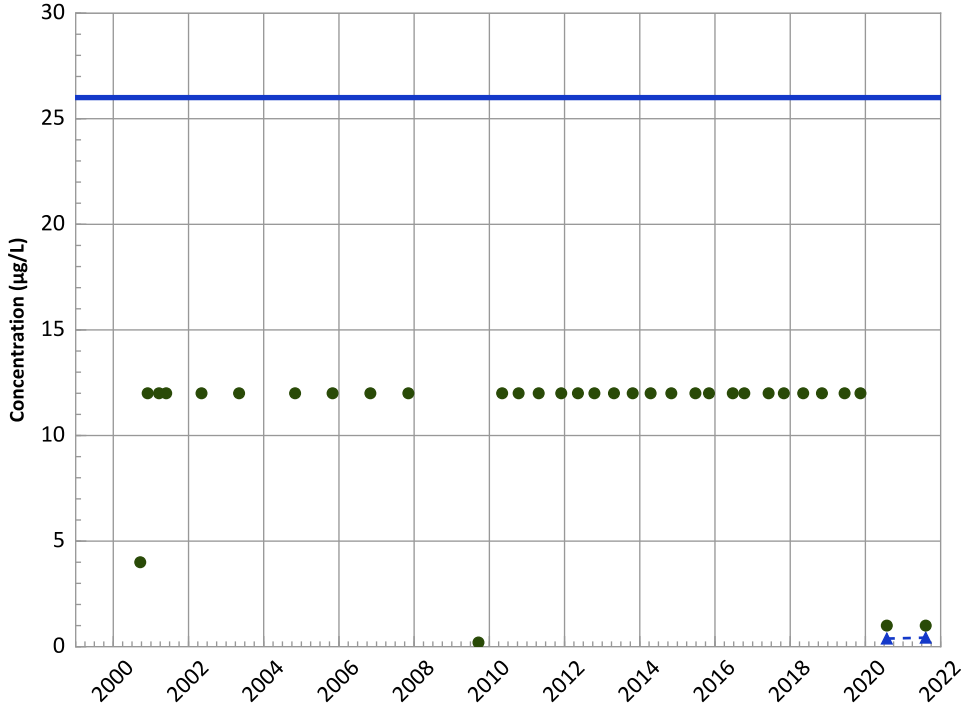


Concentration Trend

MAROS Mann-Kendall Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
All Non-Detect
2019 - 2021 Data:
All Non-Detect

Perchlorate Trend



Concentration Trend

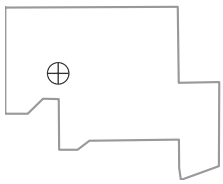
MAROS Mann-Kendall Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

MAROS Linear Regression Method
All Data:
N/A (<4 Detections in Dataset)
2019 - 2021 Data:
N/A (<4 Detections in Dataset)

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

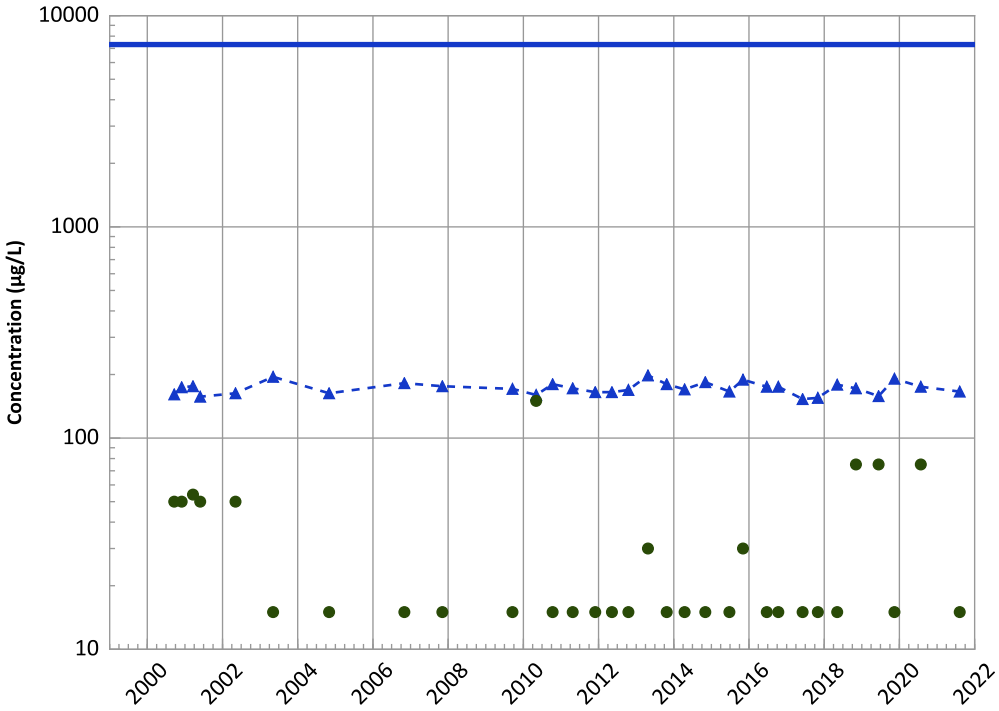
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Boron Trend

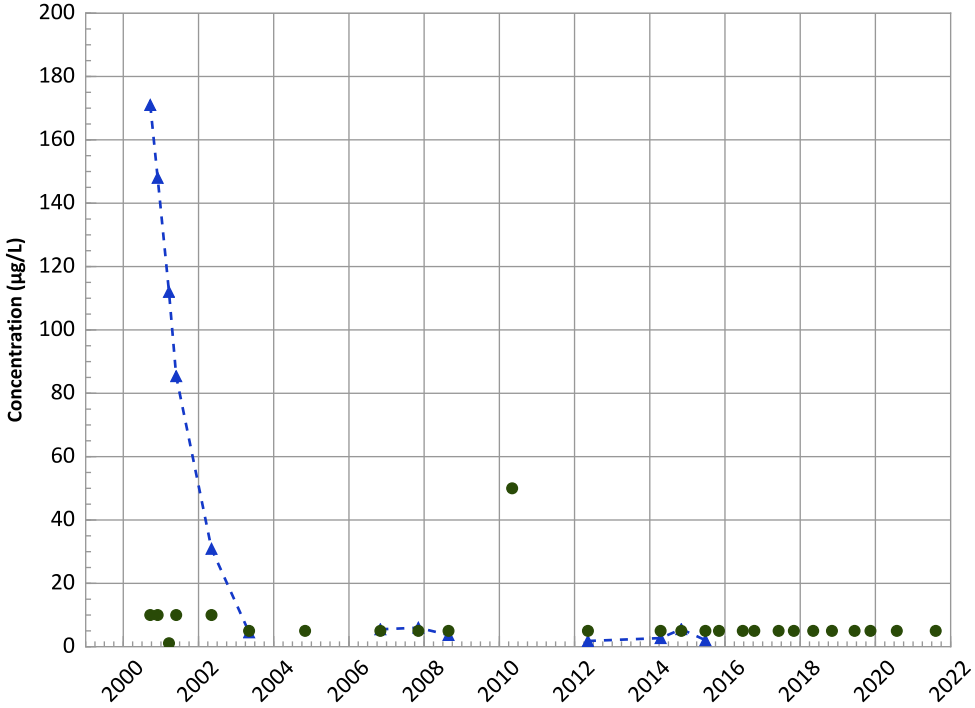


Concentration Trend

MAROS Mann-Kendall Method
All Data:
No Trend
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Increasing
2019 - 2021 Data:
No Trend

Manganese Trend



Concentration Trend

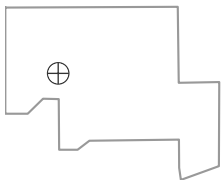
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
All Non-Detect

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

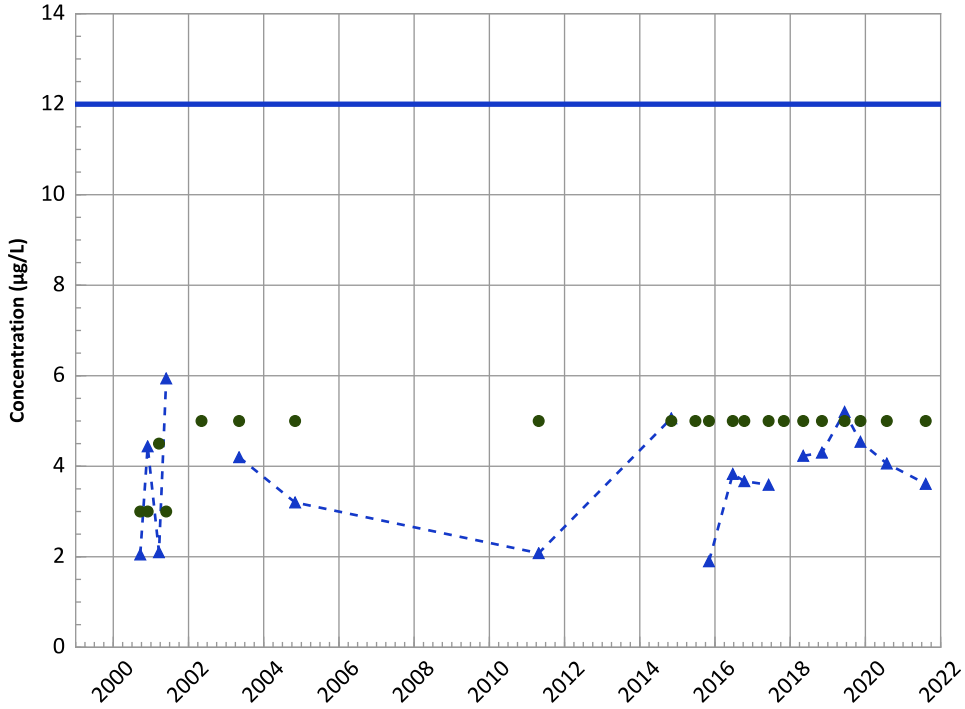
- Measured Value
- Sample Detection Limit
- Concentration Trend
- Groundwater Protection Standard

Well Location



PTX07-1R01 in Ogallala Aquifer
USDOE/NNSA Pantex Plant

Arsenic Trend

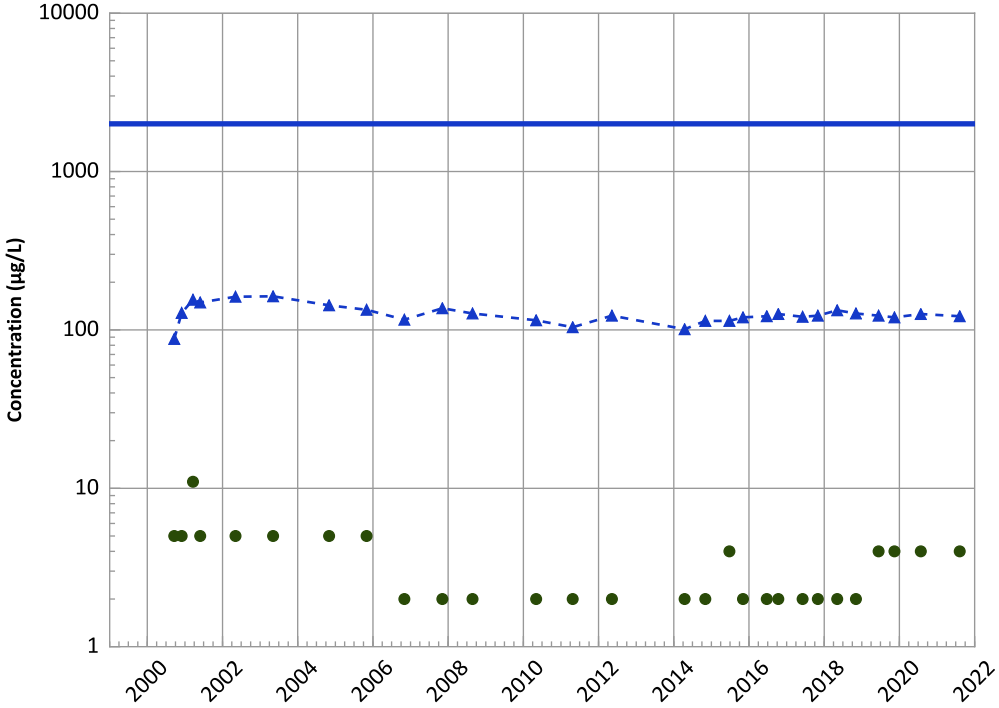


Concentration Trend

MAROS Mann-Kendall Method
All Data:
Increasing
2019 - 2021 Data:
Decreasing

MAROS Linear Regression Method
All Data:
No Trend
2019 - 2021 Data:
Decreasing

Barium Trend



Concentration Trend

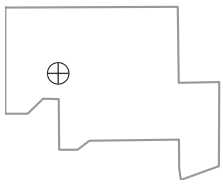
MAROS Mann-Kendall Method
All Data:
Decreasing
2019 - 2021 Data:
Stable

MAROS Linear Regression Method
All Data:
Decreasing
2019 - 2021 Data:
No Trend

Query Date Range: 01/01/1992 to 12/31/2021
Data Date Range: 05/08/2000 to 08/09/2021
Analysis Date: 04/29/2022

Measured Value
Sample Detection Limit
Concentration Trend
Groundwater Protection Standard

Well Location



Appendix F
Perched Aquifer Isoconcentration Maps of Indicator Constituents

Perched Aquifer Isoconcentration Maps of Indicator Constituents

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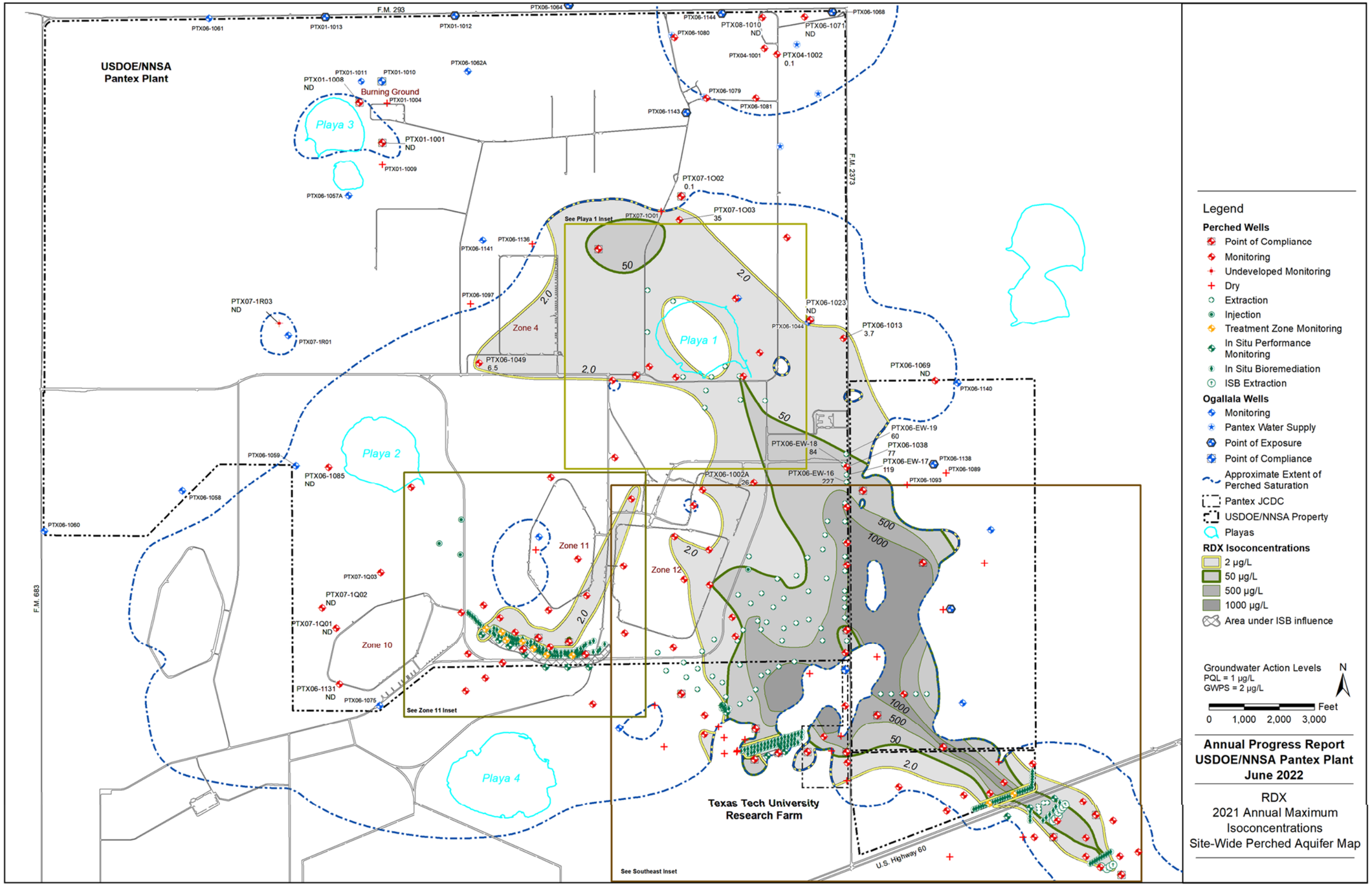


Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

RDX Isoconcentrations
- 2 µg/L
- 50 µg/L
- 500 µg/L
- 1000 µg/L
- Area under ISB influence

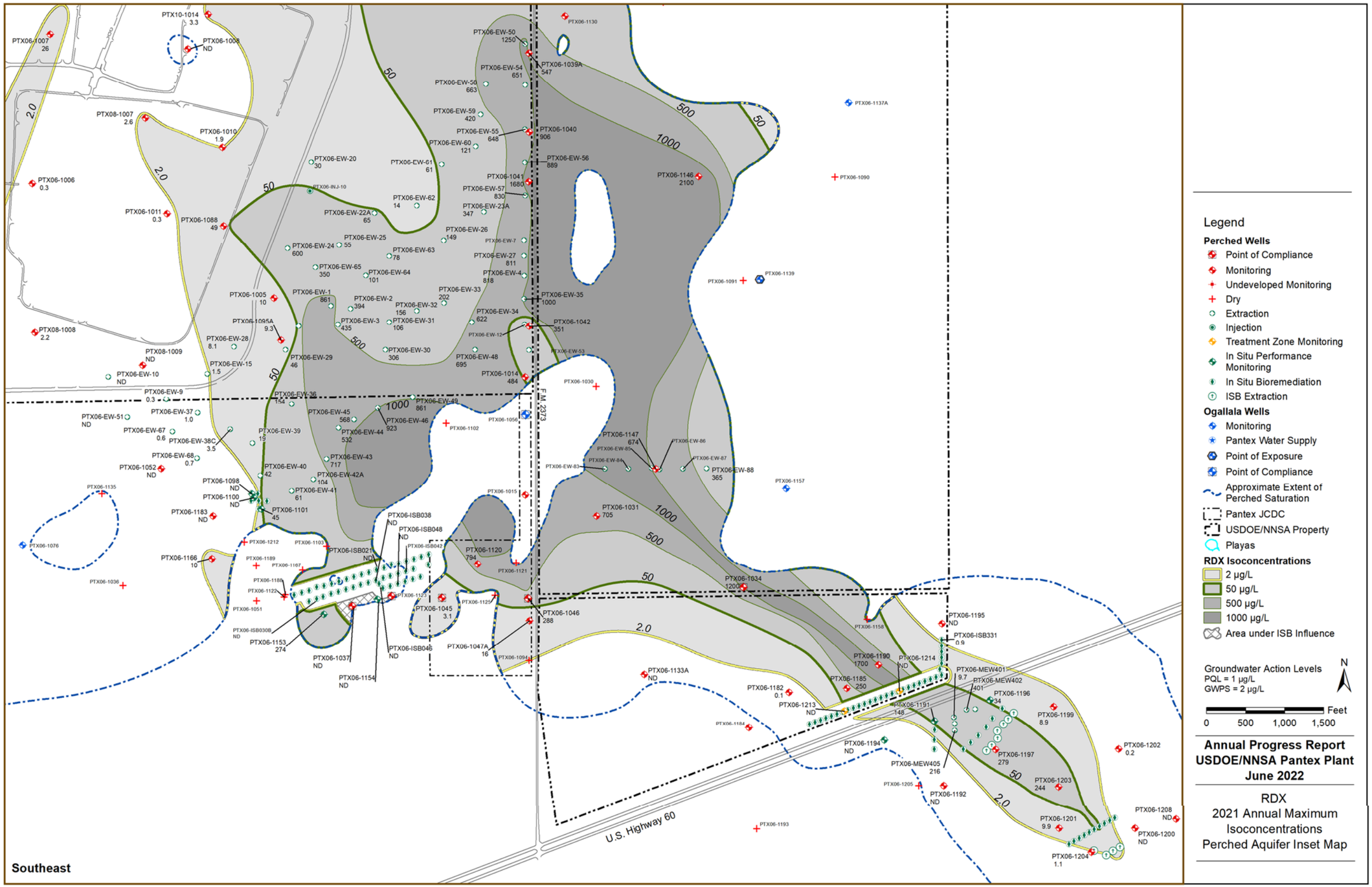
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

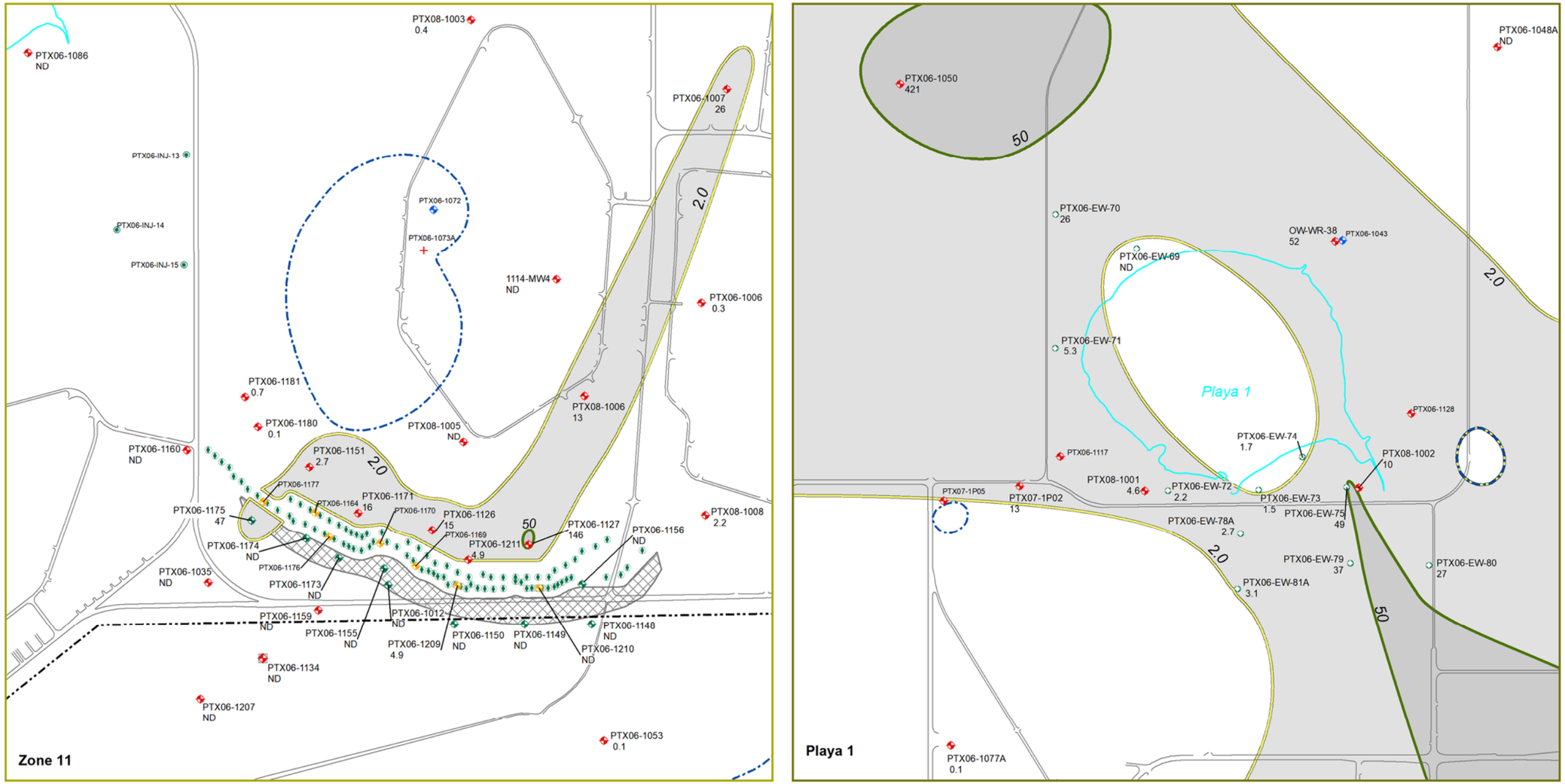
N

0 1,000 2,000 3,000 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

RDX
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
RDX Isoconcentrations
2 µg/L
50 µg/L
500 µg/L
1000 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
RDX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map
Southeast
U.S. Highway 60
F.M. 2373



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

RDX Isoconcentrations
- 2 µg/L
- 50 µg/L
- 500 µg/L
- 1000 µg/L
- Area under ISB Influence

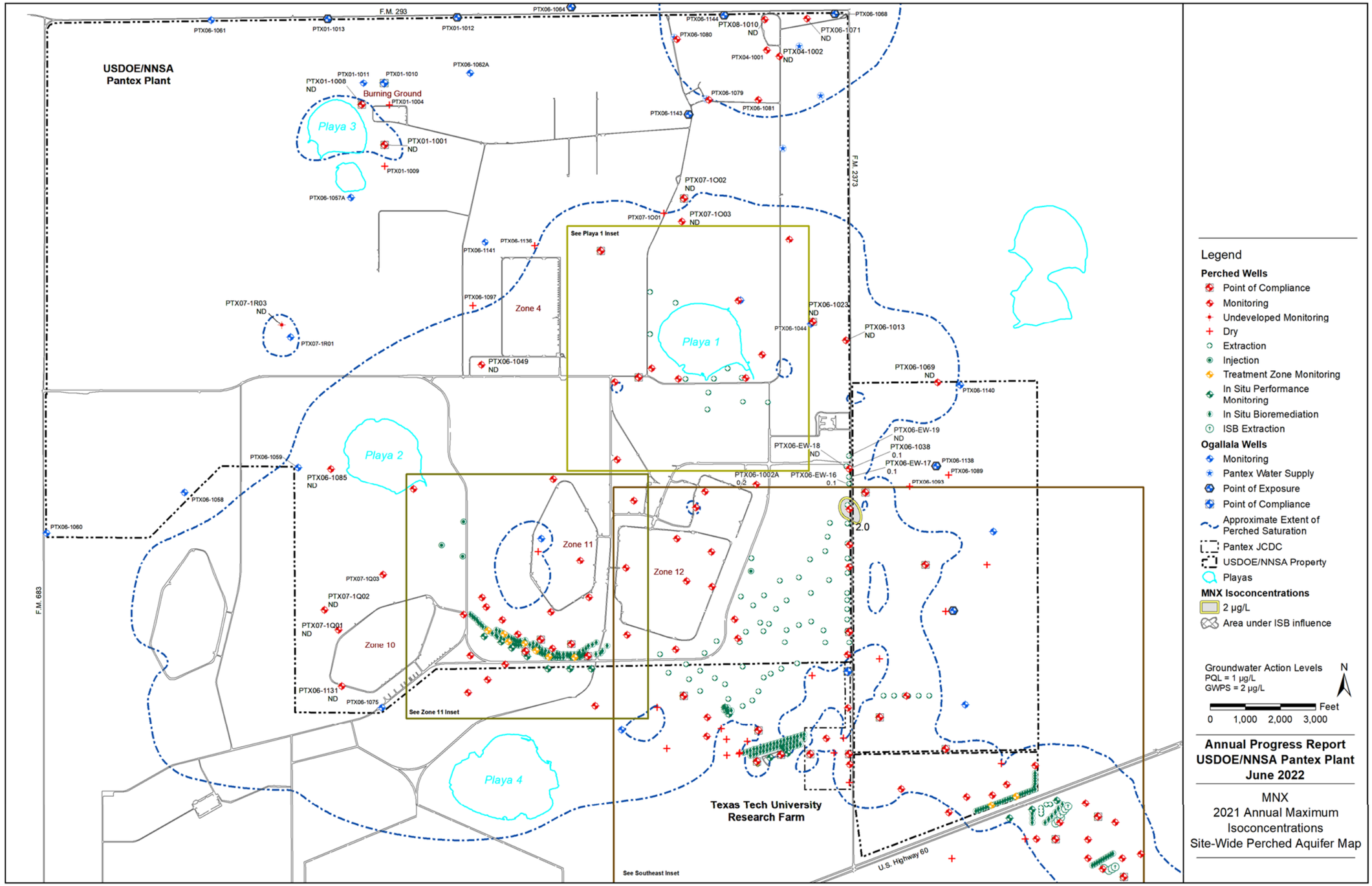
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

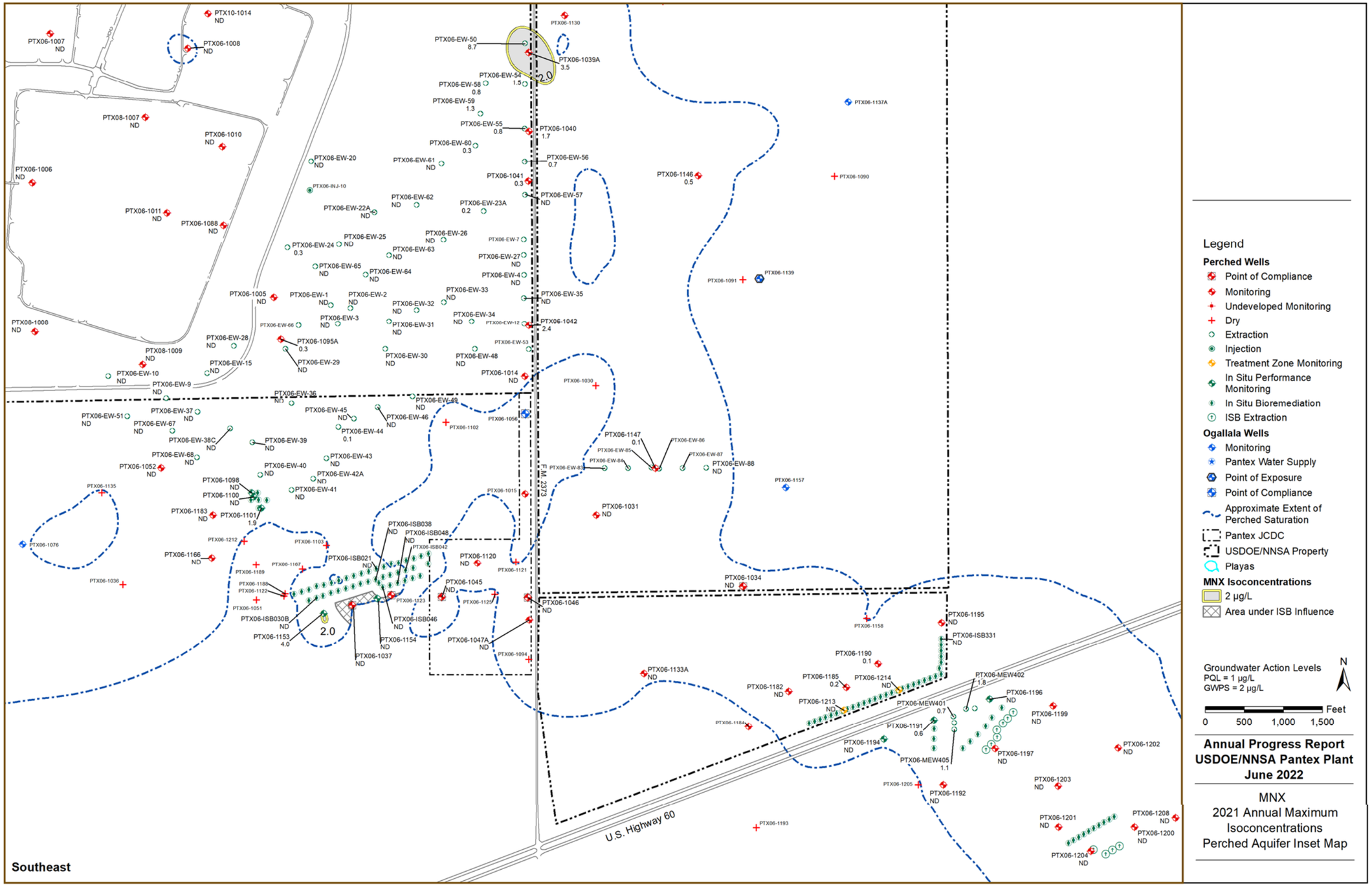
N

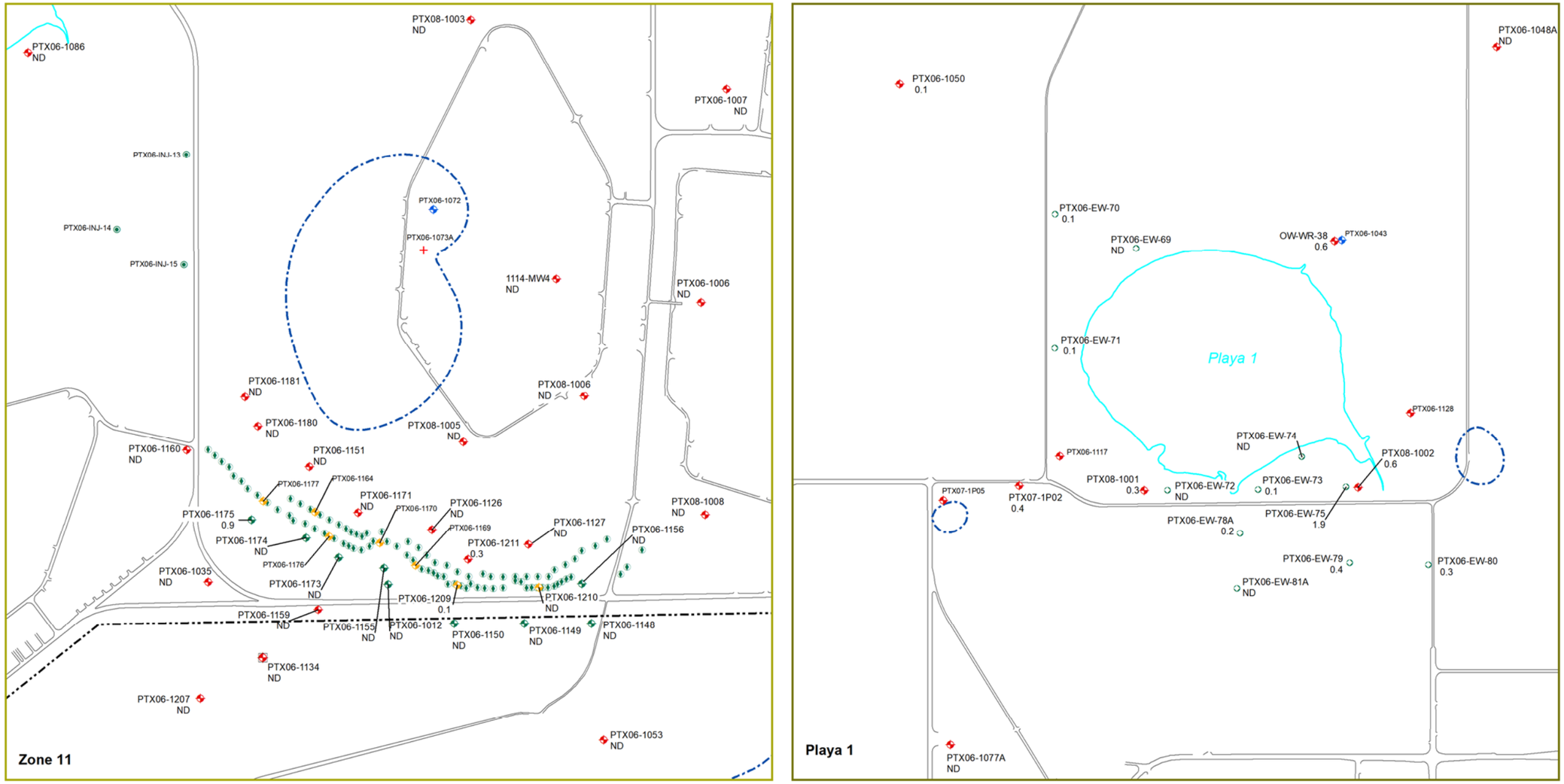
0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

RDX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
ND
PTX06-1068
PTX06-1071
ND
PTX06-1080
PTX04-1001
PTX04-1002
ND
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
ND
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
ND
PTX07-1R01
PTX06-1049
ND
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1069
ND
PTX06-1140
PTX06-EW-19
ND
PTX06-EW-18
ND
PTX06-1038
0.1
PTX06-EW-17
0.1
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
0.2
PTX06-EW-16
0.1
2.0
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
MNX Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
MNX
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
2.0
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
MNX Isoconcentrations
2 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
MNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

MNX Isoconcentrations
- 2 µg/L
- Area under ISB Influence

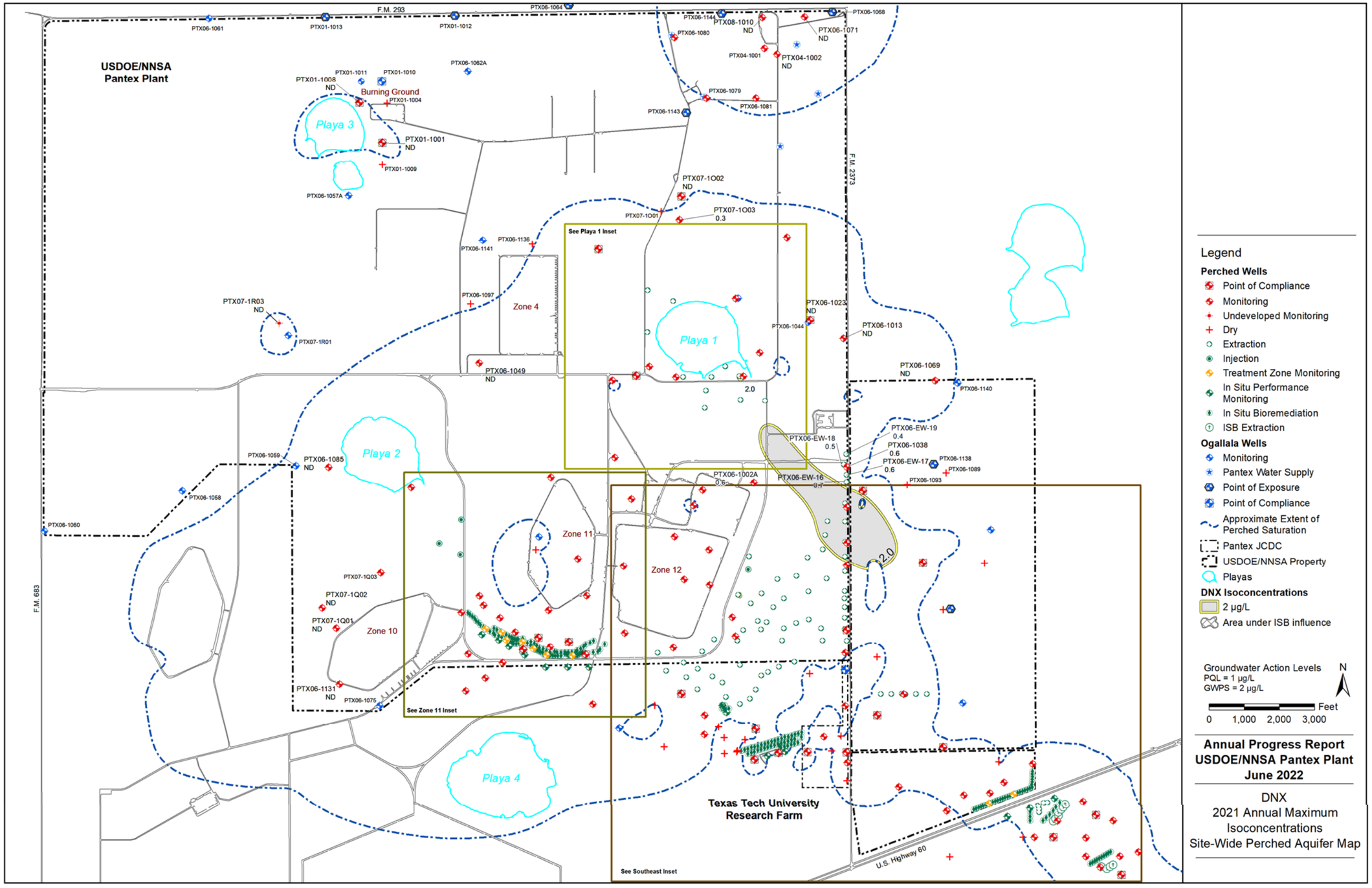
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

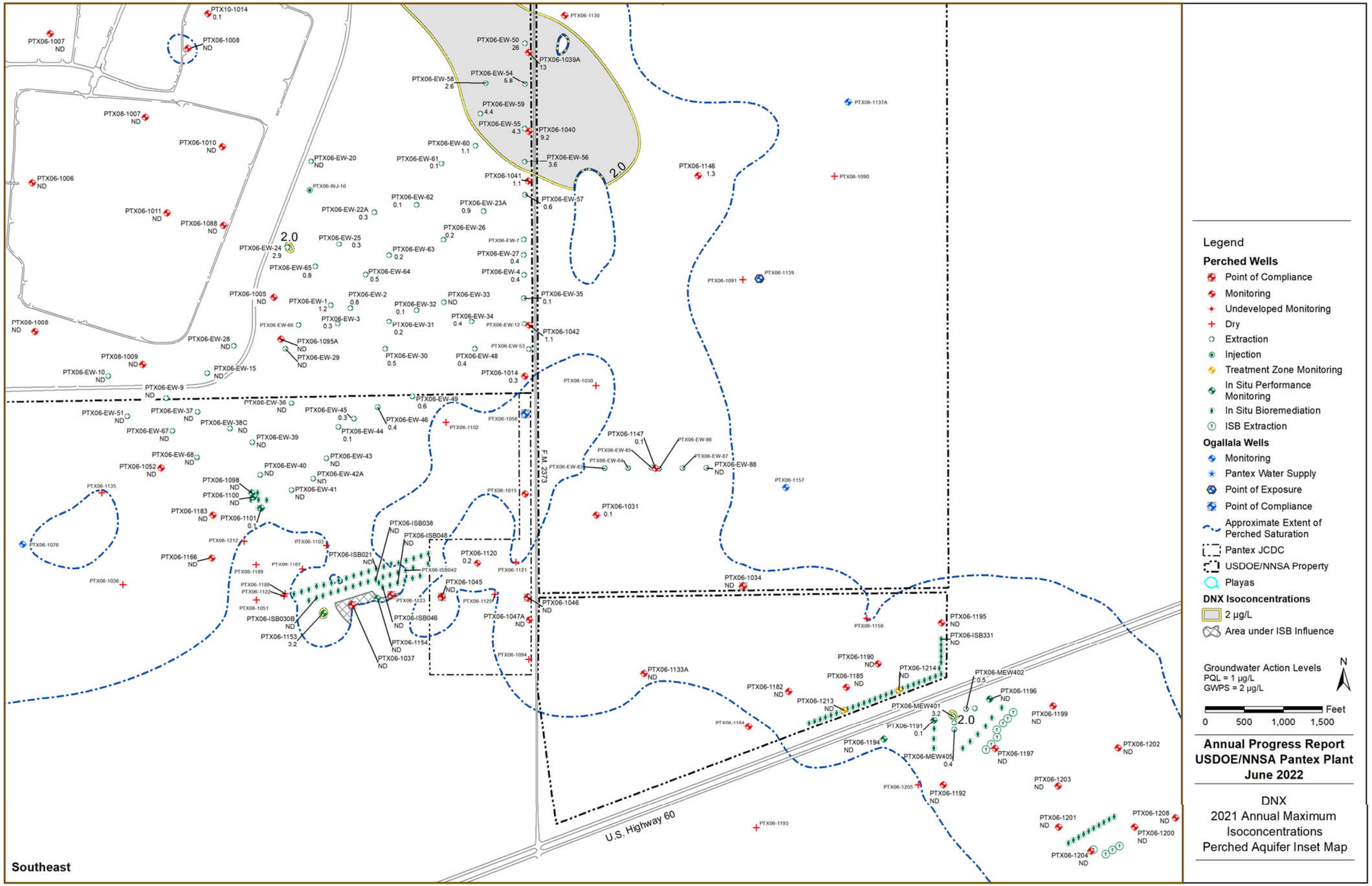
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

MNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
ND
PTX06-1068
PTX06-1071
ND
PTX06-1080
PTX04-1001
PTX04-1002
ND
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
0.3
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
ND
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1049
ND
2.0
PTX06-1069
ND
PTX06-1140
PTX06-EW-19
0.4
PTX06-1038
0.6
PTX06-EW-18
0.5
PTX06-EW-17
0.6
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
0.6
PTX06-EW-16
0.7
2.0
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNX Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0
1,000
2,000
3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNX
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
2.0
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
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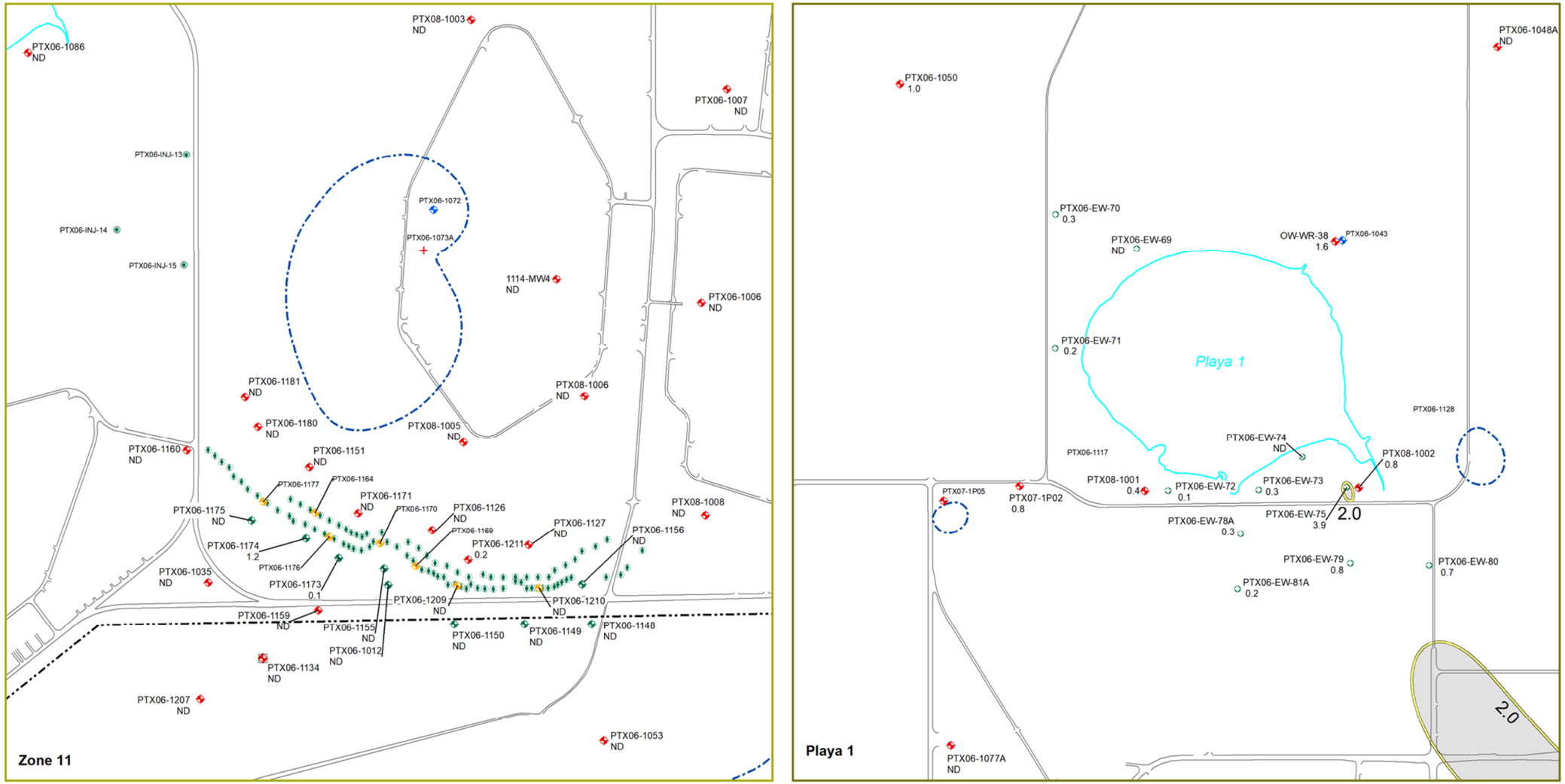
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNX Isoconcentrations
2 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

DNX Isoconcentrations
- 2 µg/L
- Area under ISB Influence

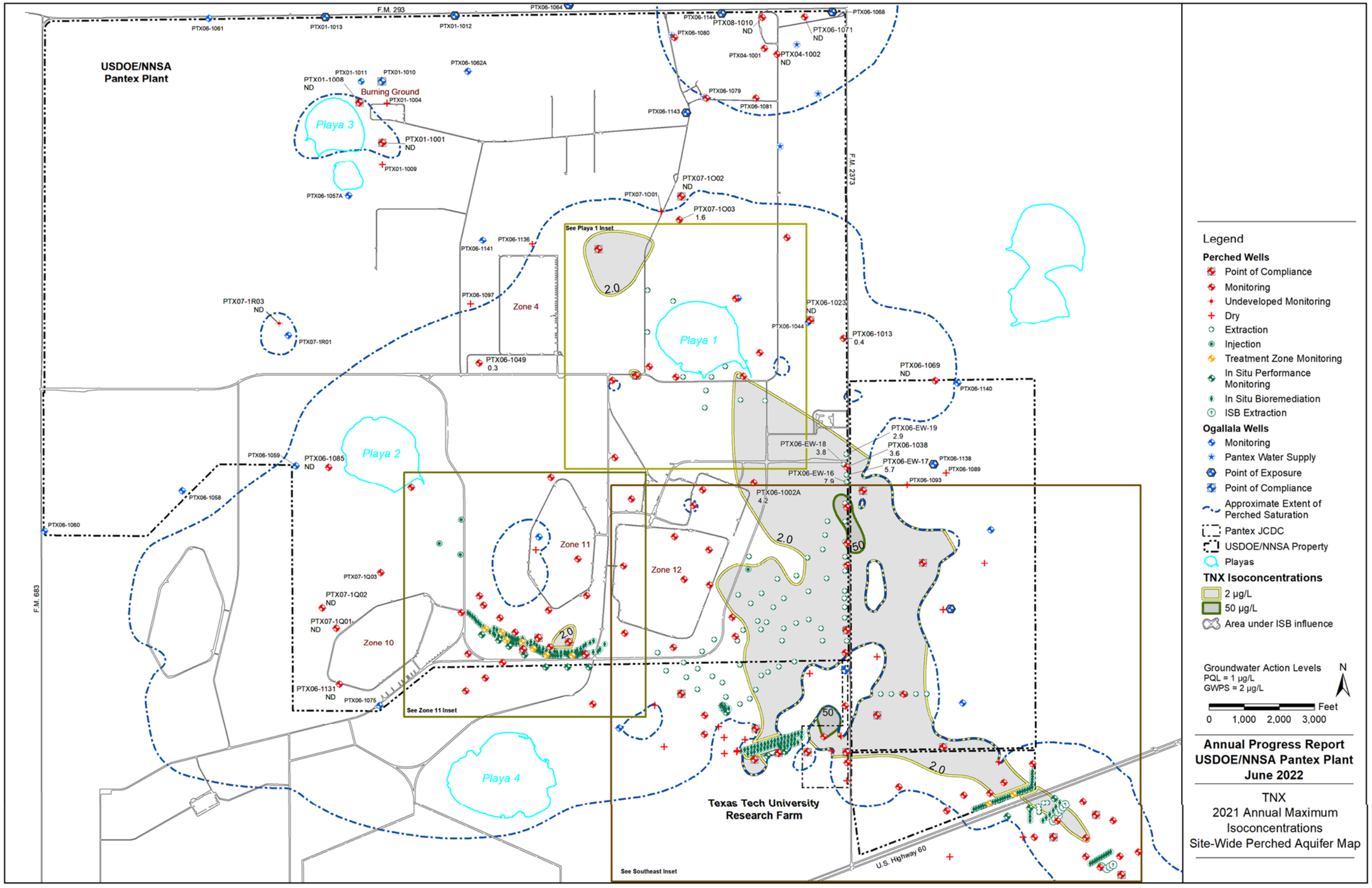
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

DNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- Pantex JCDC
- USDOE/NNSA Property
- Playas

TNX Isoconcentrations
- 2 µg/L
- 50 µg/L
- Area under ISB influence

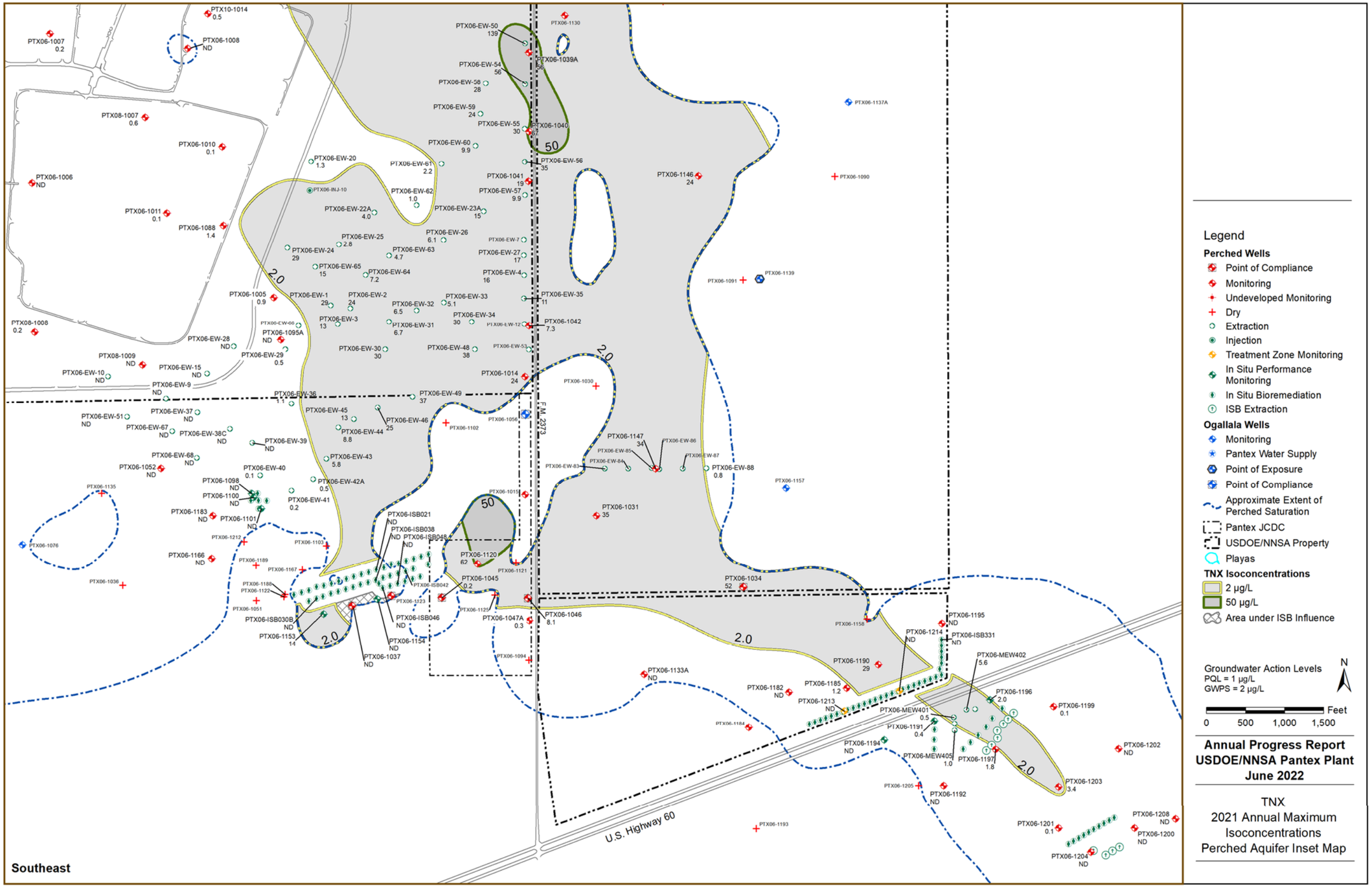
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

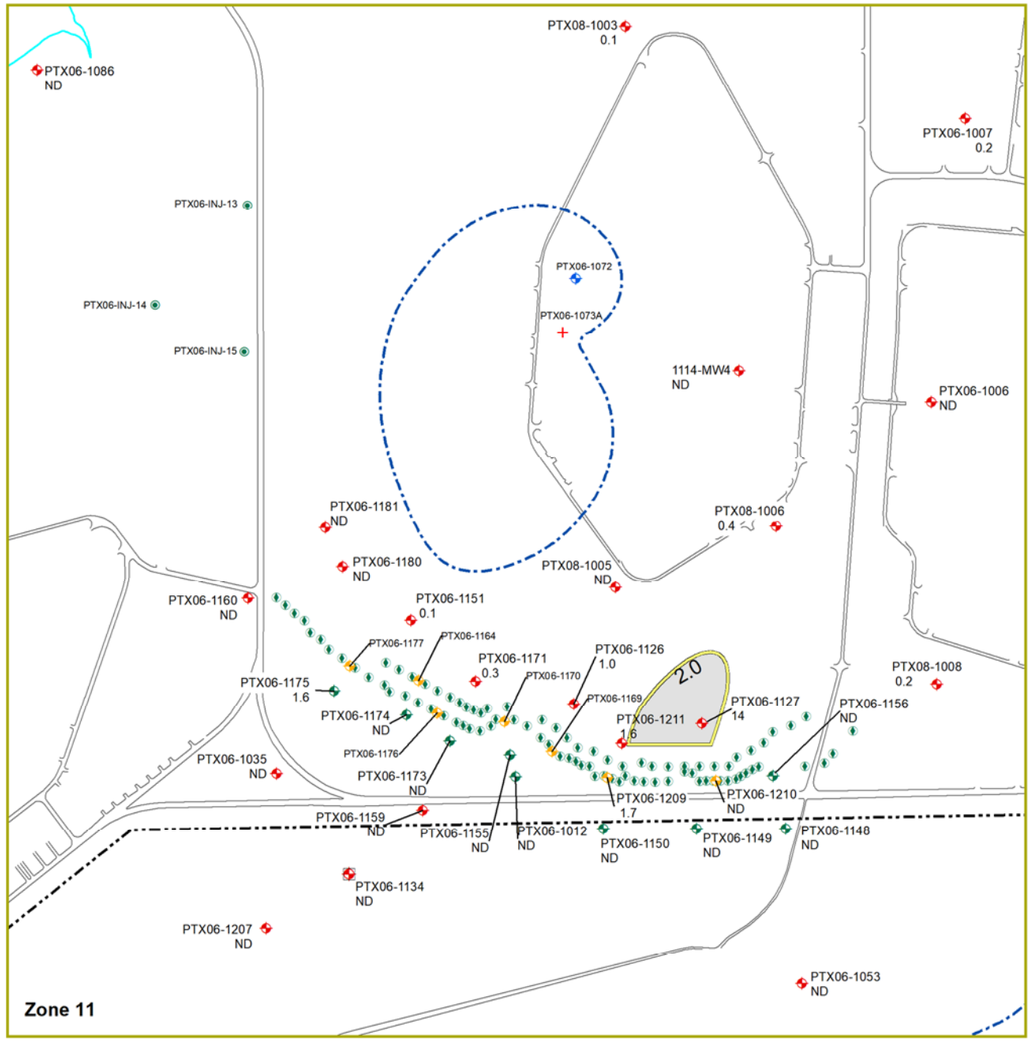
N

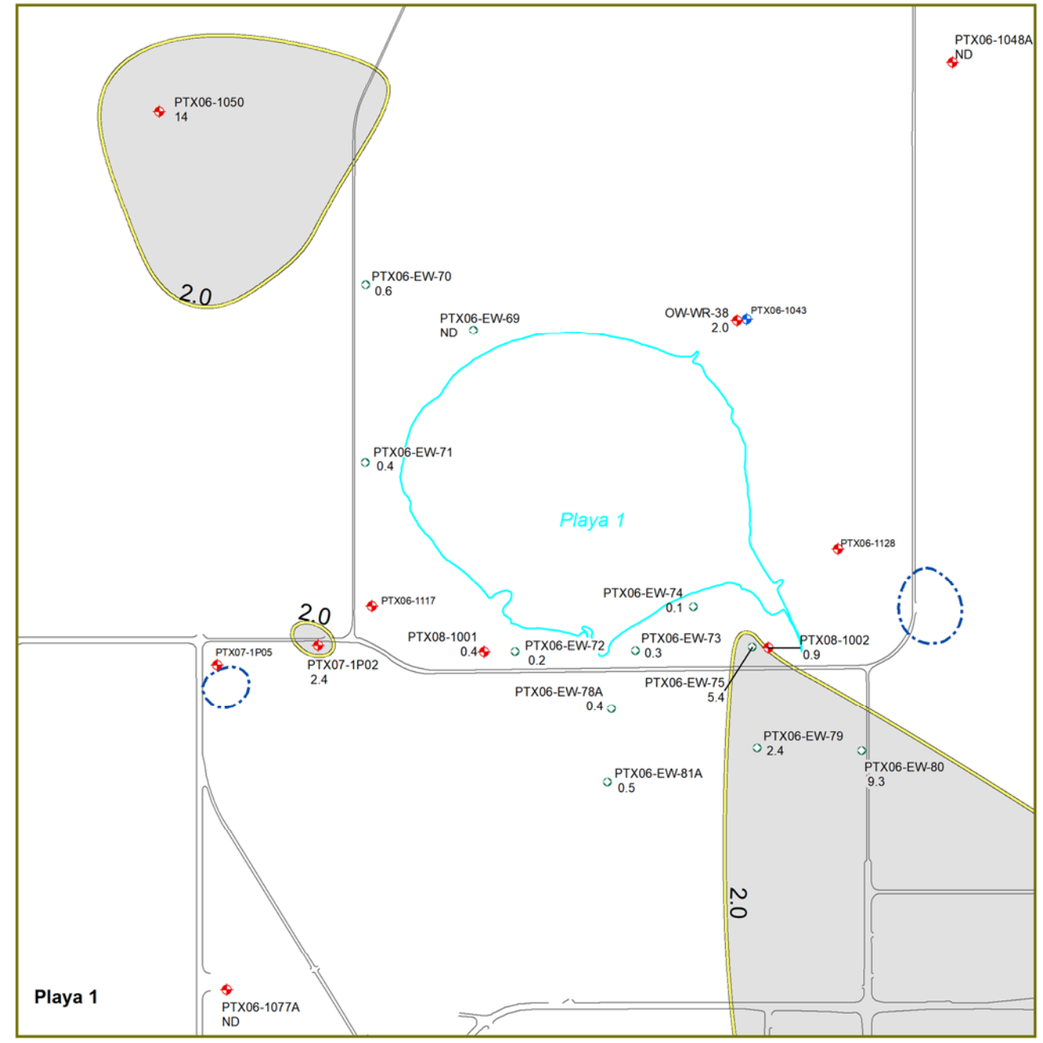
0 1,000 2,000 3,000 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

TNX
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
50
2.0
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
TNX Isoconcentrations
2 µg/L
50 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
TNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- Permeable Reactive Barrier

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

TNX Isoconcentrations
- 2 µg/L
- 50 µg/L
- Area under ISB Influence

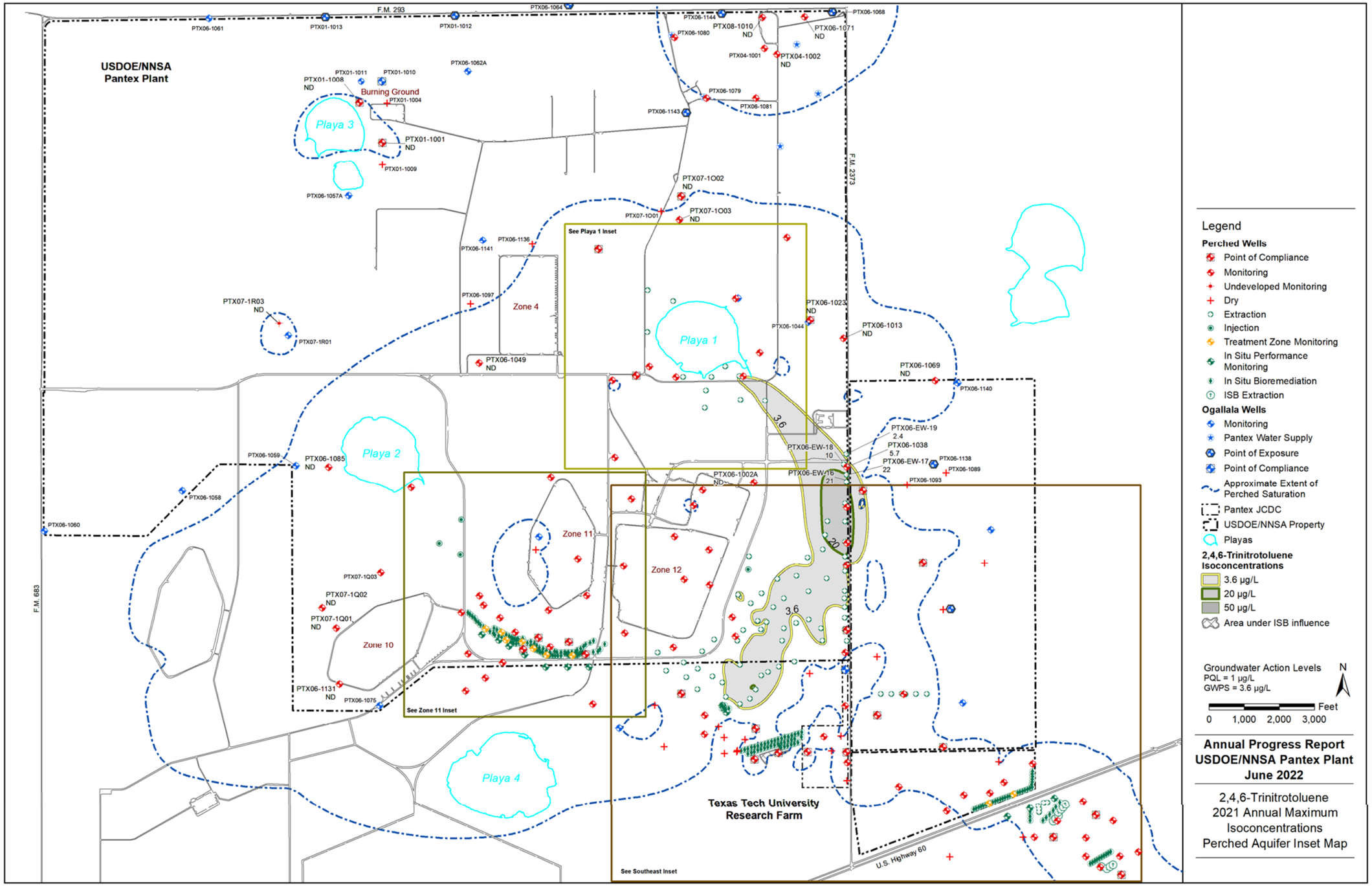
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

TNX
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX06-1080
PTX08-1010
ND
PTX06-1071
ND
PTX04-1001
PTX04-1002
ND
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
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PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
ND
PTX06-1136
PTX06-1141
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PTX07-1R01
PTX06-1049
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PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1069
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PTX06-1140
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2.4
PTX06-1038
5.7
PTX06-EW-17
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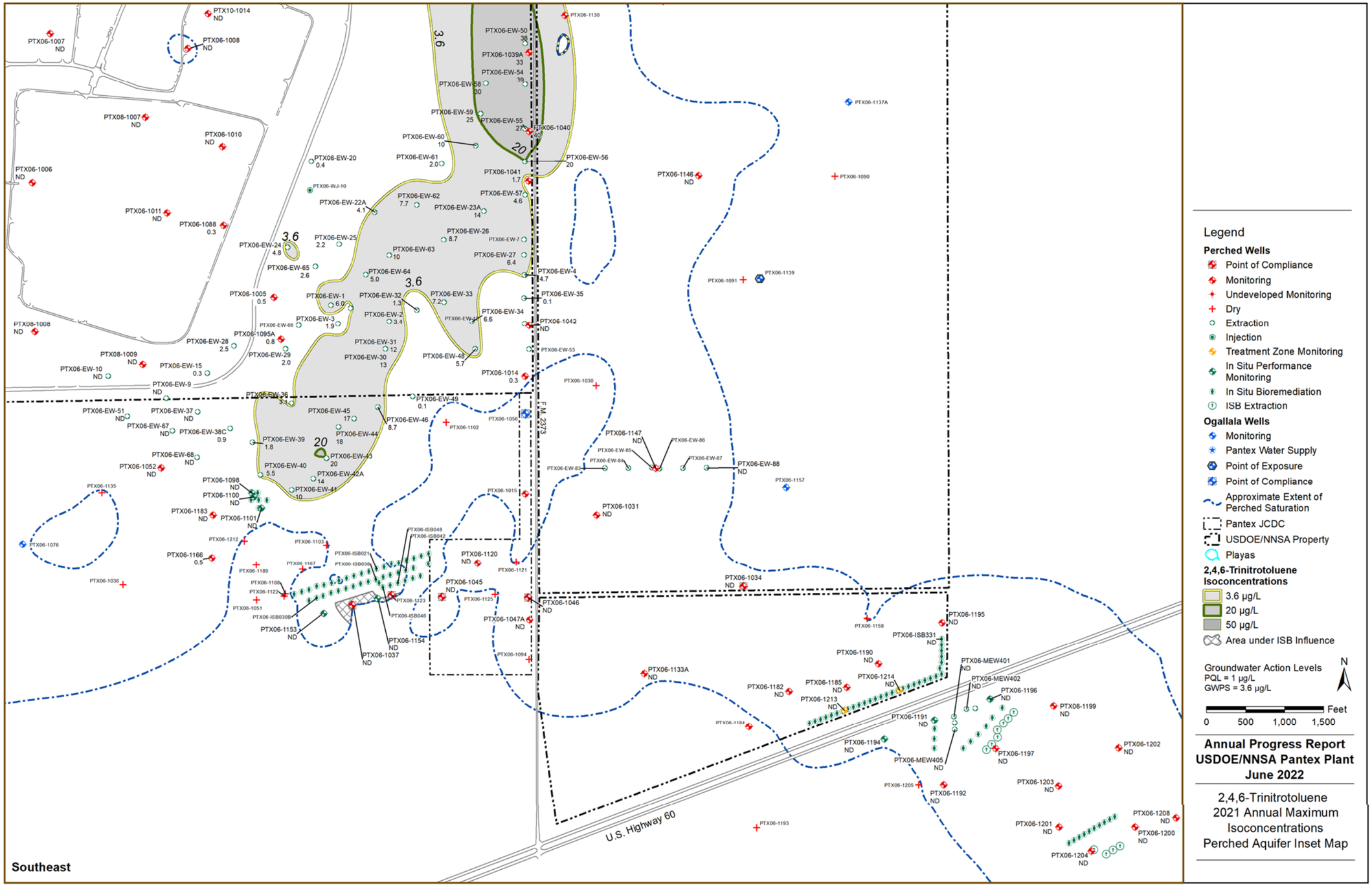
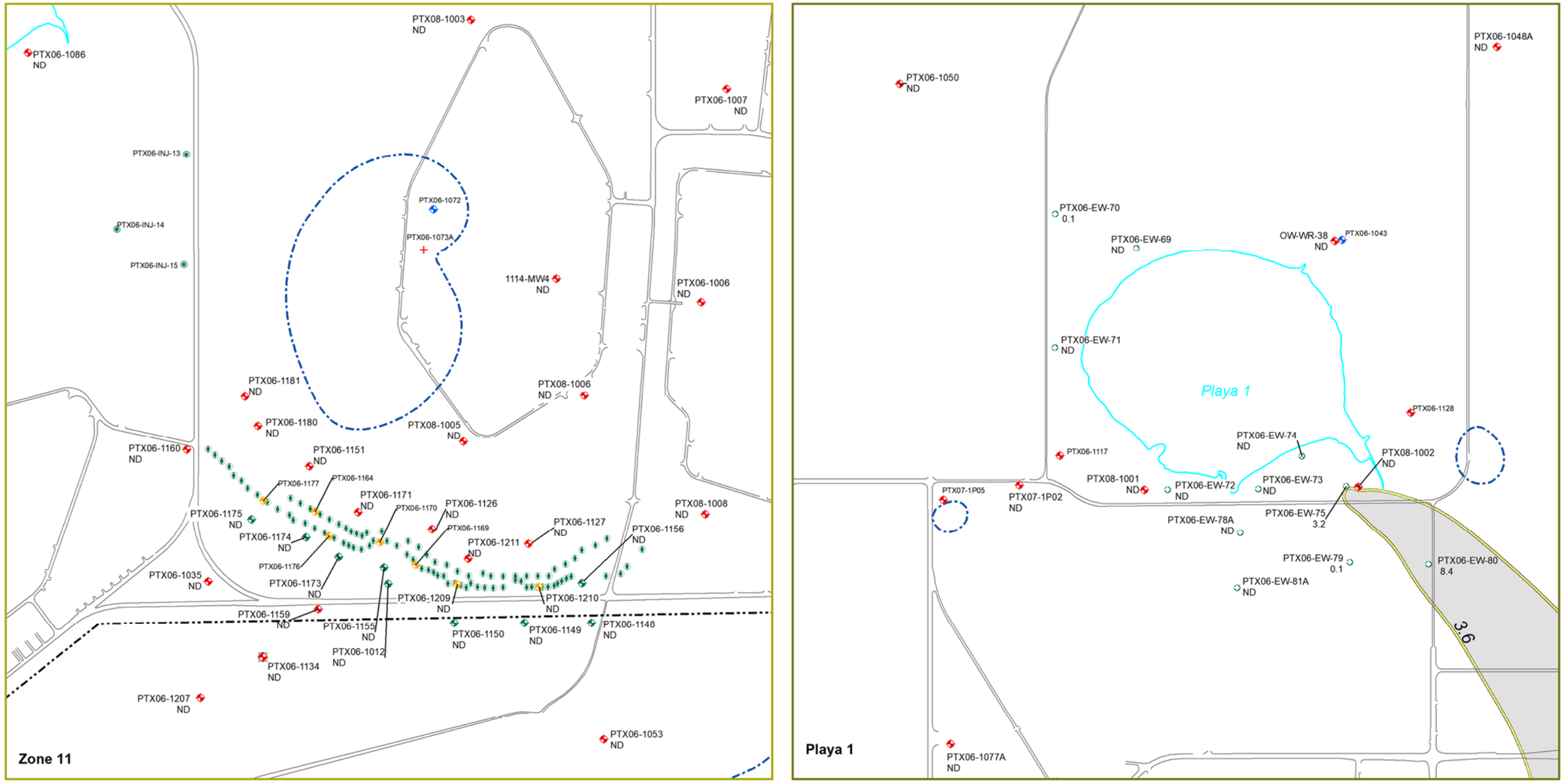
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
3.6
20
50
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
2,4,6-Trinitrotoluene Isoconcentrations
3.6 µg/L
20 µg/L
50 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
2,4,6-Trinitrotoluene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
2,4,6-Trinitrotoluene Isoconcentrations
3.6 µg/L
20 µg/L
50 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
2,4,6-Trinitrotoluene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

2,4,6-Trinitrotoluene Isoconcentrations
- 3.6 µg/L
- 20 µg/L
- 50 µg/L
- Area under ISB Influence

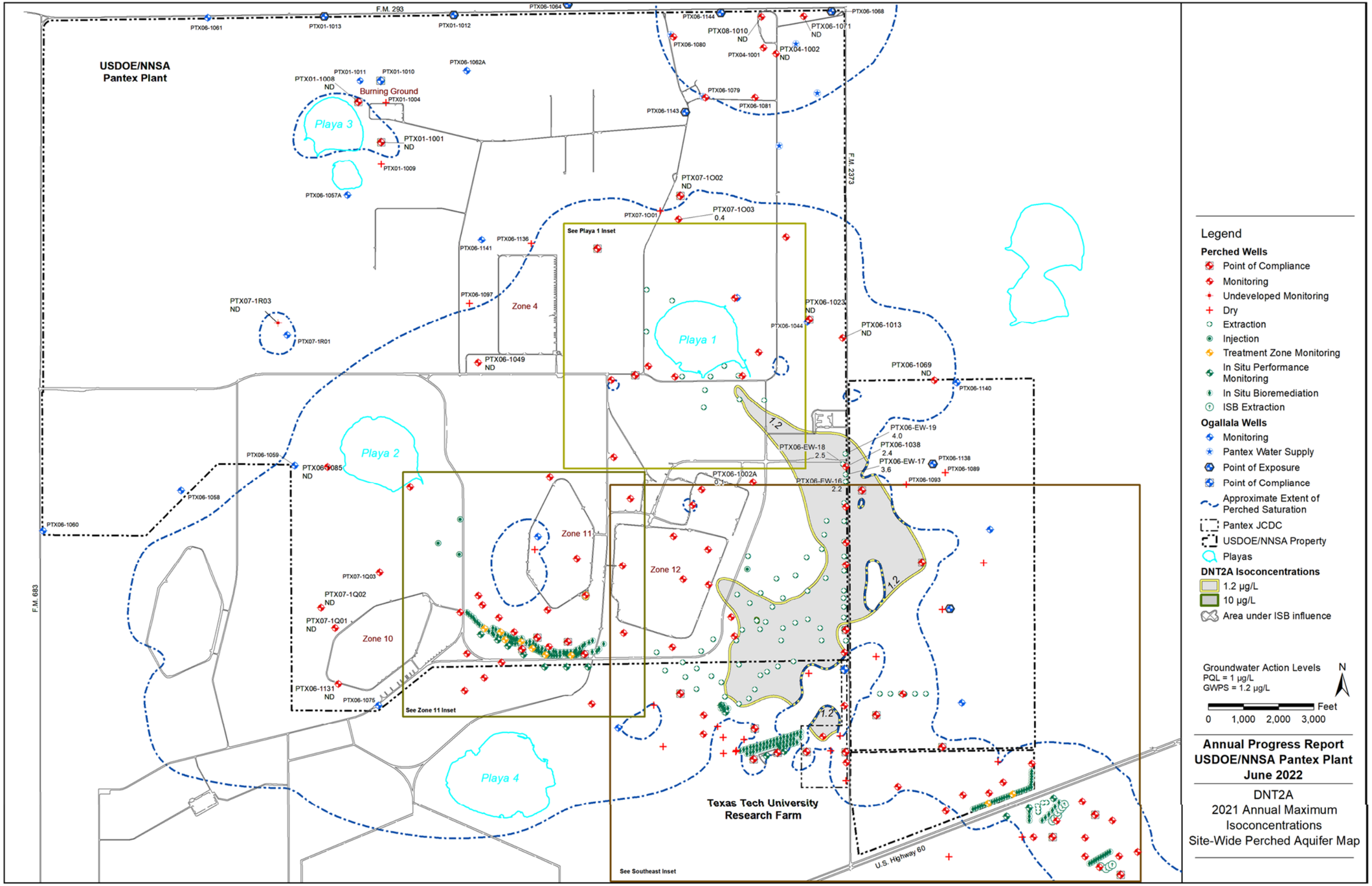
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 3.6 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

2,4,6-Trinitrotoluene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX08-1010
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PTX06-1071
ND
PTX06-1080
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PTX01-1010
PTX01-1008
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PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
0.4
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
ND
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1049
ND
PTX06-1069
ND
PTX06-1140
1.2
PTX06-EW-19
4.0
PTX06-1038
2.4
PTX06-EW-18
2.5
PTX06-EW-17
3.6
PTX06-1138
PTX06-1089
PTX06-1002A
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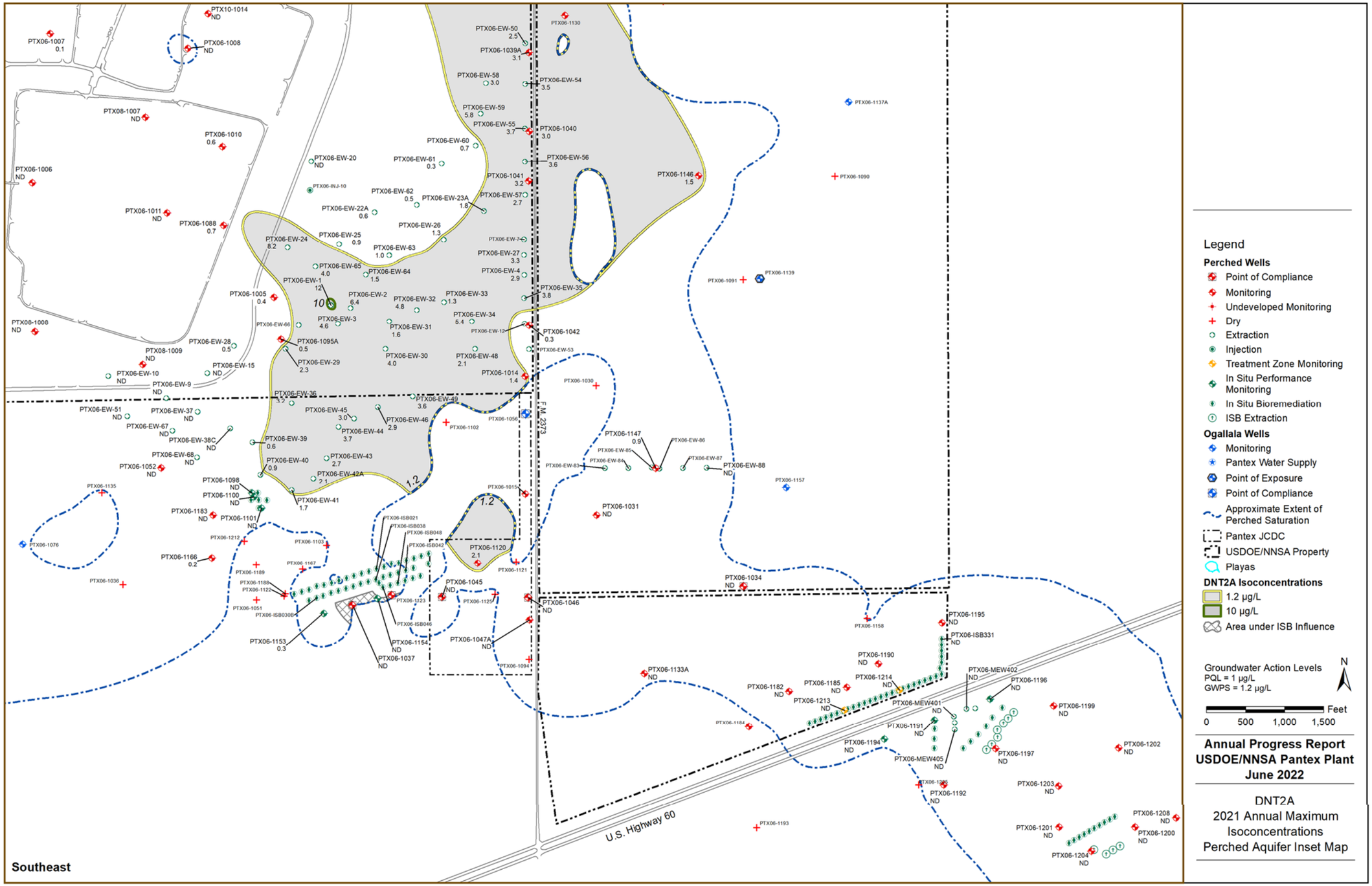
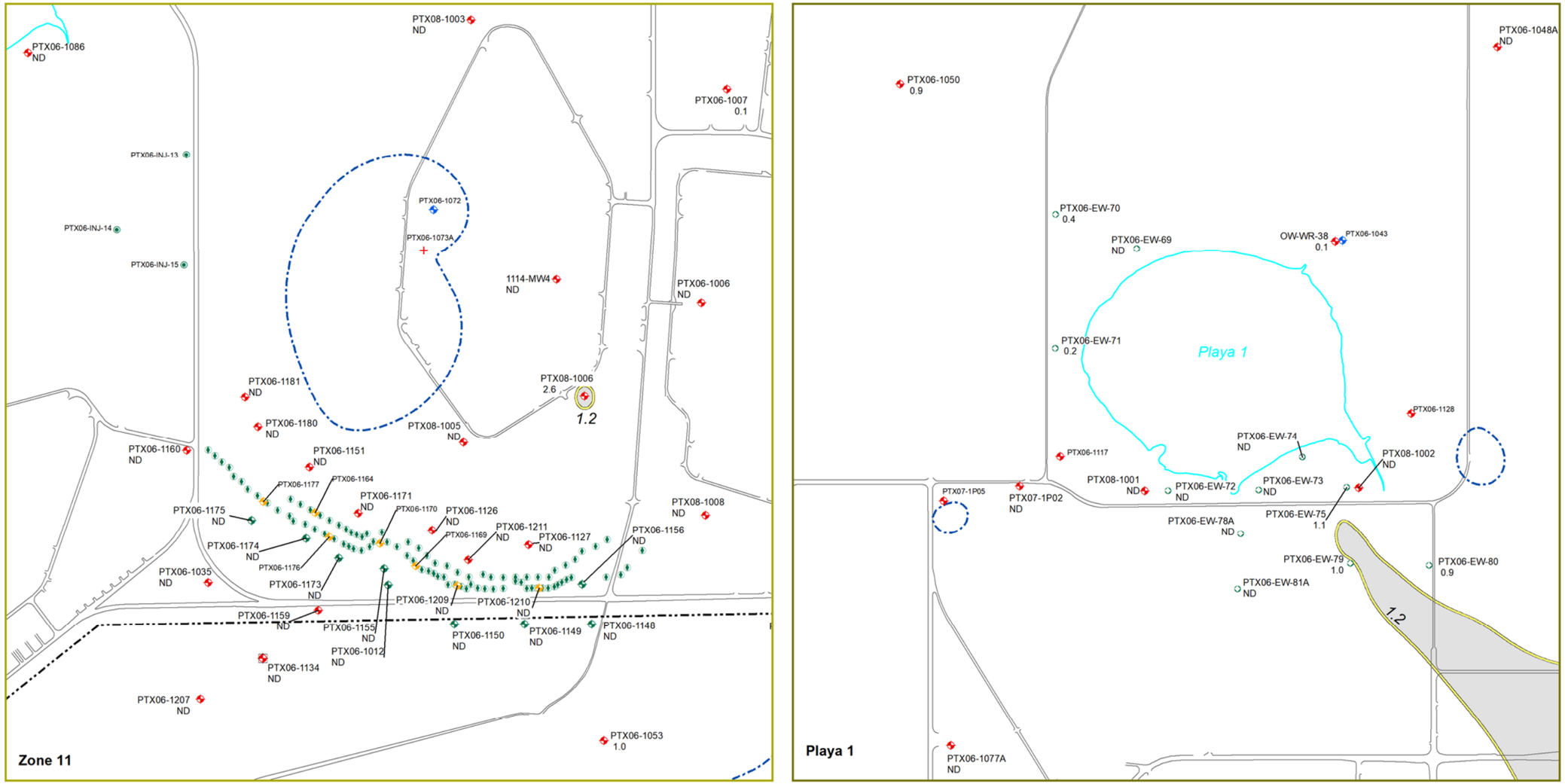
PTX06-EW-16
2.2
PTX06-1093
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT2A Isoconcentrations
1.2 µg/L
10 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNT2A
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT2A Isoconcentrations
1.2 µg/L
10 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNT2A
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

DNT2A Isoconcentrations
- 1.2 µg/L
- 10 µg/L
- Area under ISB Influence

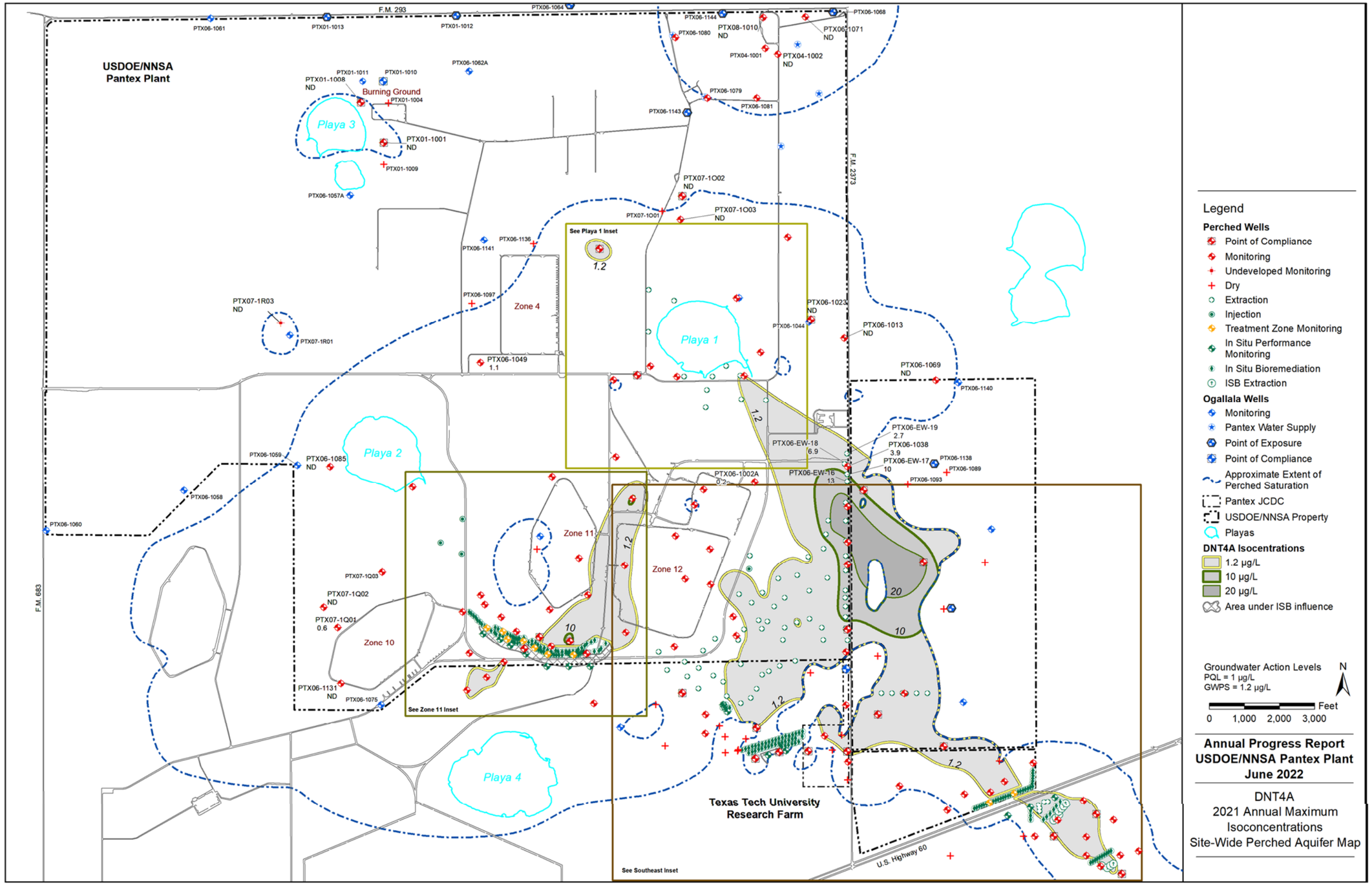
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

DNT2A
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX06-1080
PTX08-1010
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PTX06-1071
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PTX04-1001
PTX04-1002
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PTX01-1009
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PTX07-1O01
PTX07-1O03
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PTX06-1138
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PTX06-1093
PTX06-EW-18
6.9
PTX06-EW-16
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PTX06-1002A
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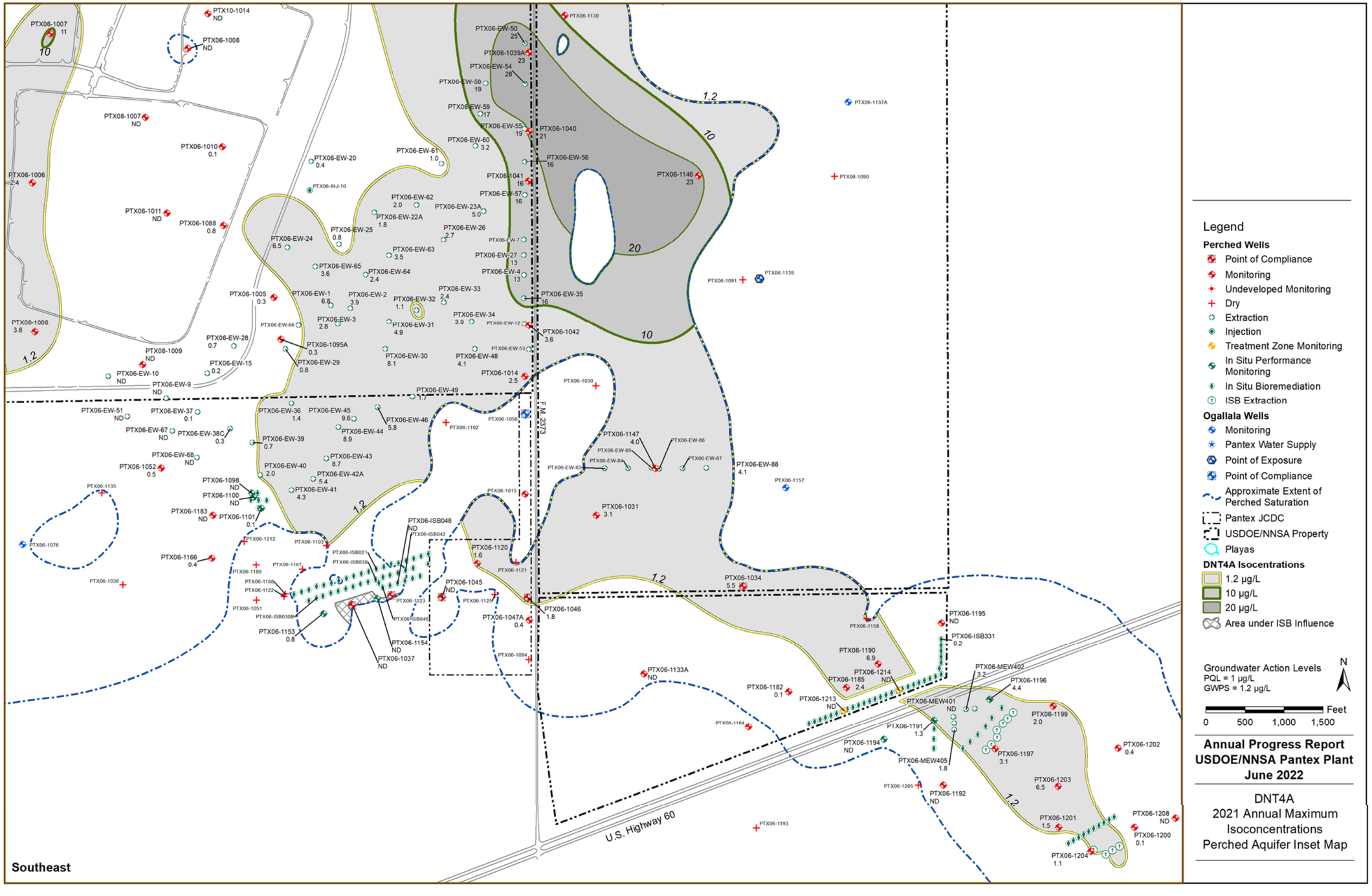
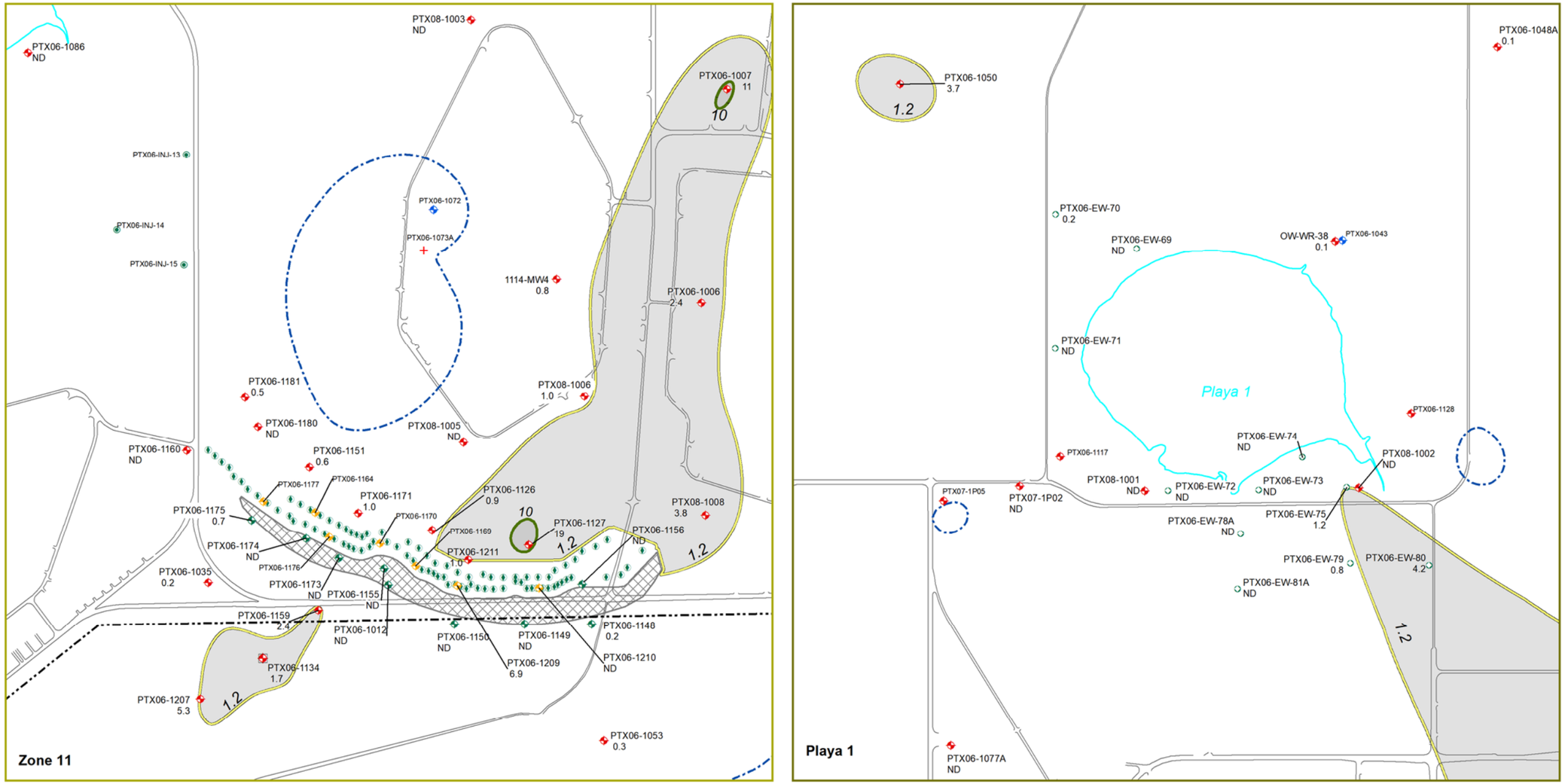
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
0.6
PTX06-1131
ND
PTX06-1075
1.2
10
20
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT4A Isocentrations
1.2 µg/L
10 µg/L
20 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNT4A
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
DNT4A Isocentrations
1.2 µg/L
10 µg/L
20 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
DNT4A
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map
Southeast
U.S. Highway 60
F.M. 2373



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

DNT4A Isocentrations
- 1.2 µg/L
- 10 µg/L
- 20 µg/L
- Area under ISB Influence

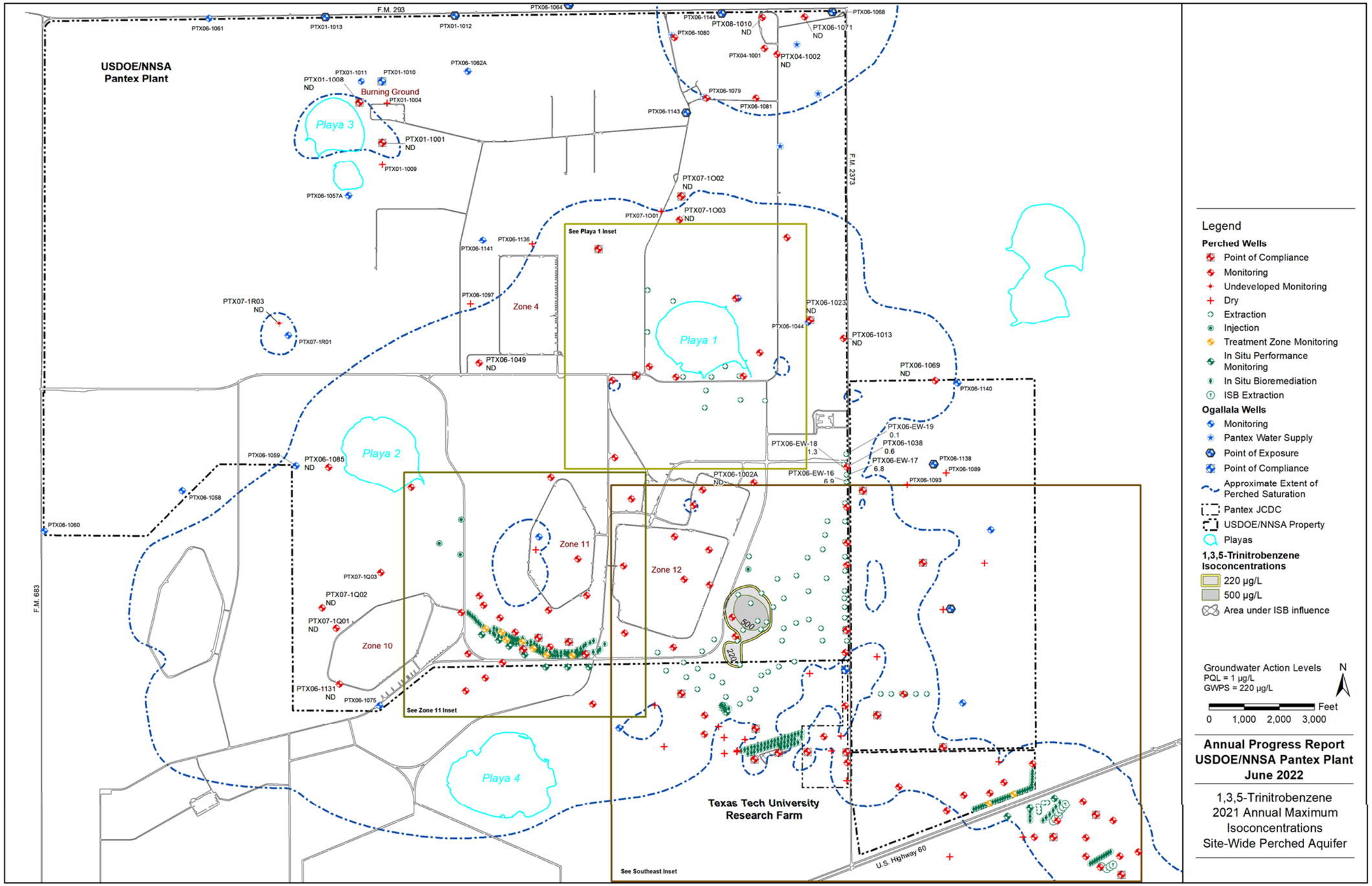
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 1.2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

DNT4A
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX08-1010
ND
PTX06-1071
ND
PTX04-1002
ND
PTX01-1008
ND
PTX01-1001
ND
PTX07-1O02
ND
PTX07-1O03
ND
PTX07-1R03
ND
PTX06-1023
ND
PTX06-1013
ND
PTX06-1069
ND
PTX06-1049
ND
PTX06-1085
ND
PTX06-1131
ND
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-EW-19
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PTX06-1038
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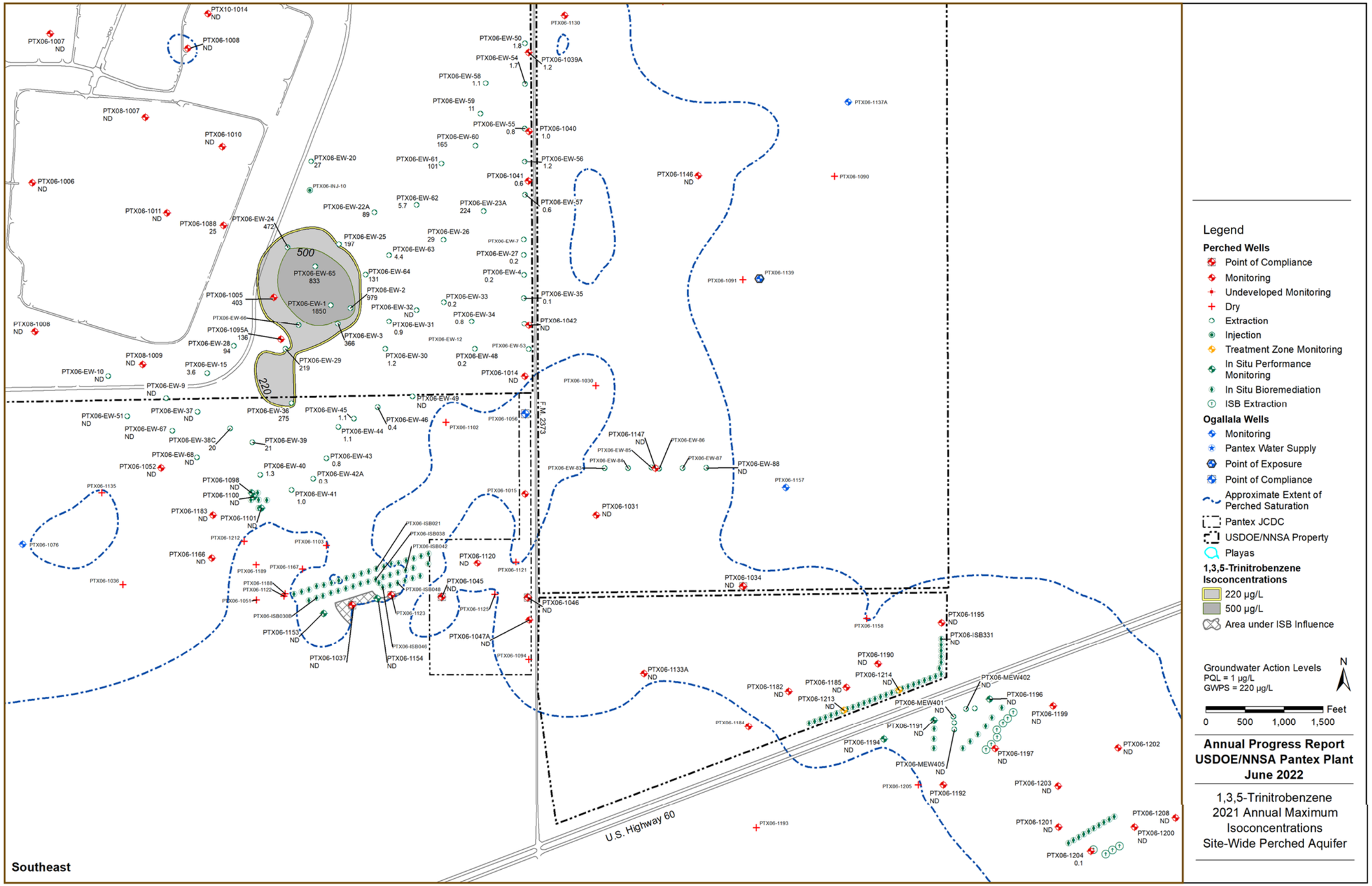
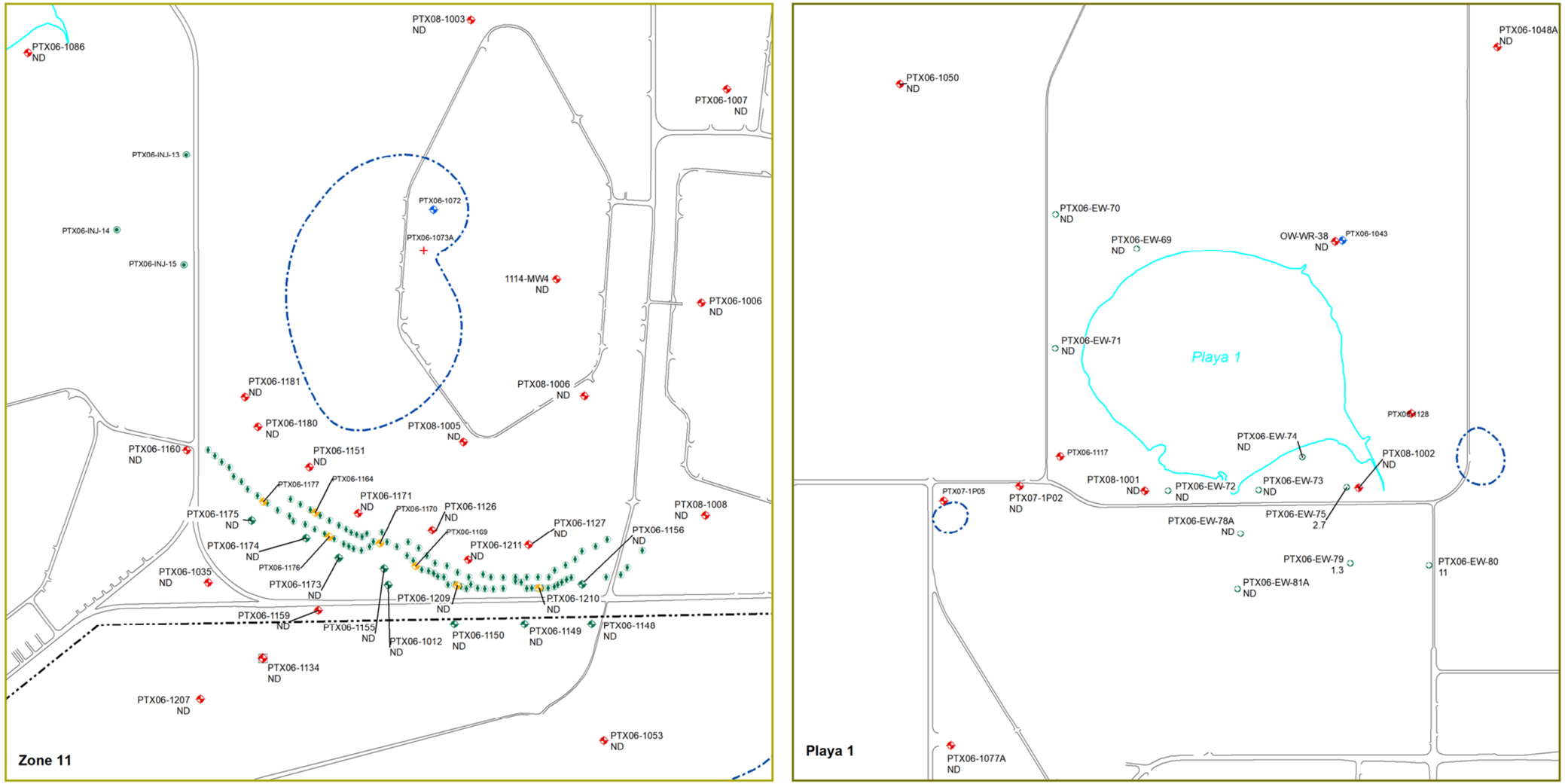
PTX06-EW-17
6.8
PTX06-EW-18
1.3
PTX06-EW-16
6.9
PTX06-1002A
ND
500
220
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,3,5-Trinitrobenzene Isoconcentrations
220 µg/L
500 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,3,5-Trinitrobenzene
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer


Southeast
U.S. Highway 60
F.M. 2373
500
220
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,3,5-Trinitrobenzene Isoconcentrations
220 µg/L
500 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,3,5-Trinitrobenzene
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

1,3,5-Trinitrobenzene Isoconcentrations
- 220 µg/L
- 500 µg/L
- Area under ISB Influence

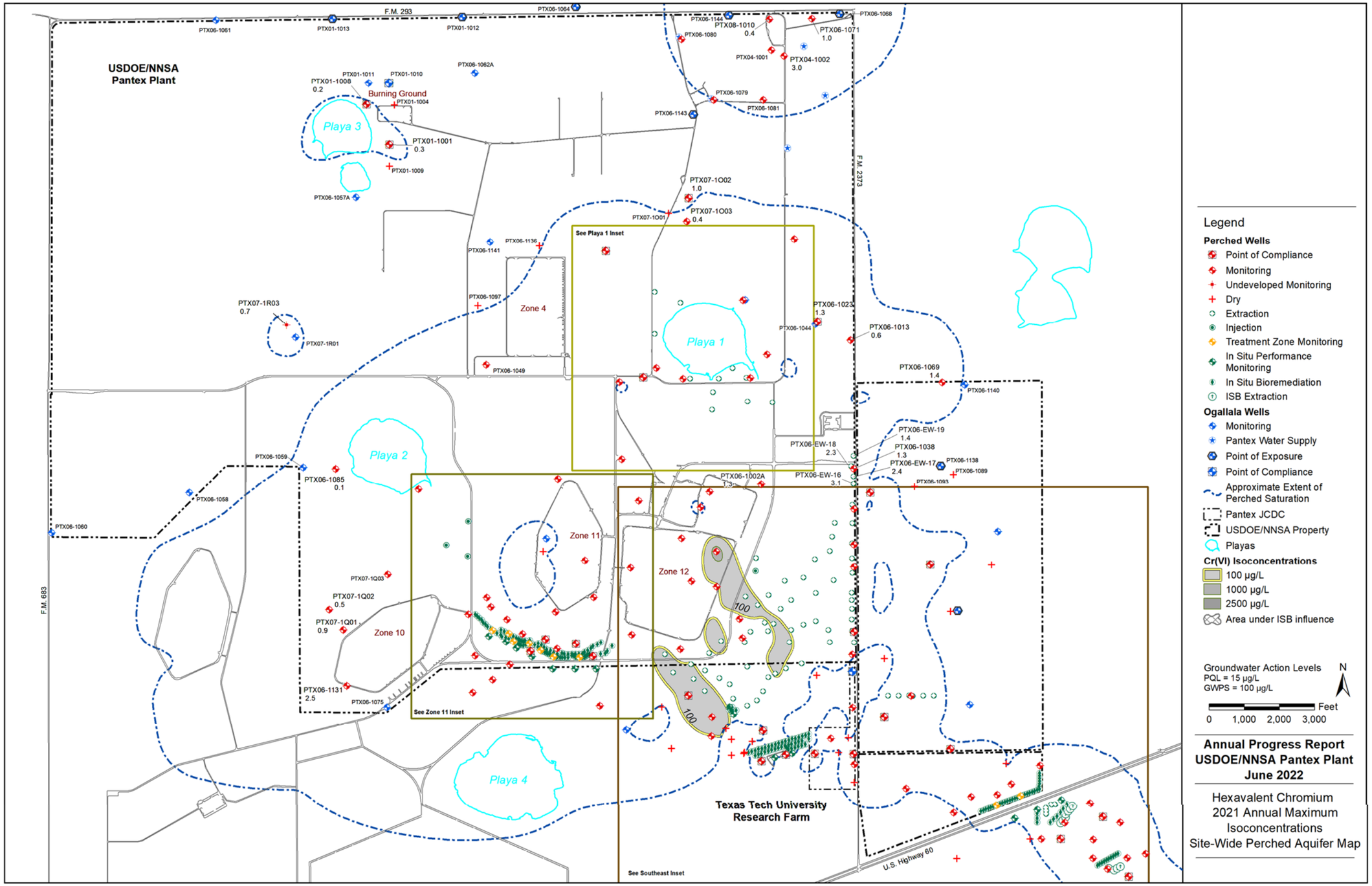
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 220 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

1,3,5-Trinitrobenzene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
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See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
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PTX04-1002
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PTX01-1008
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PTX06-1081
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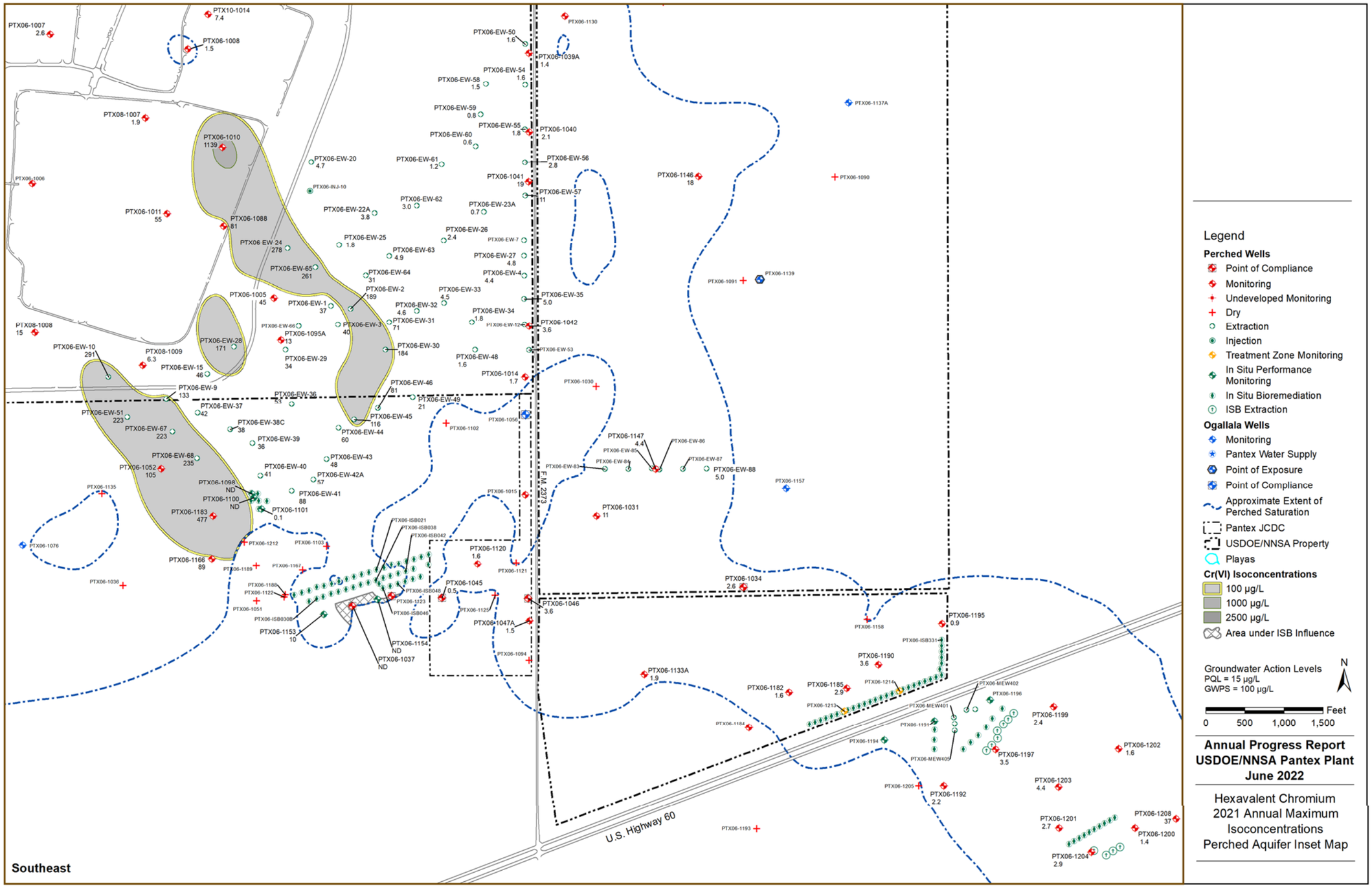
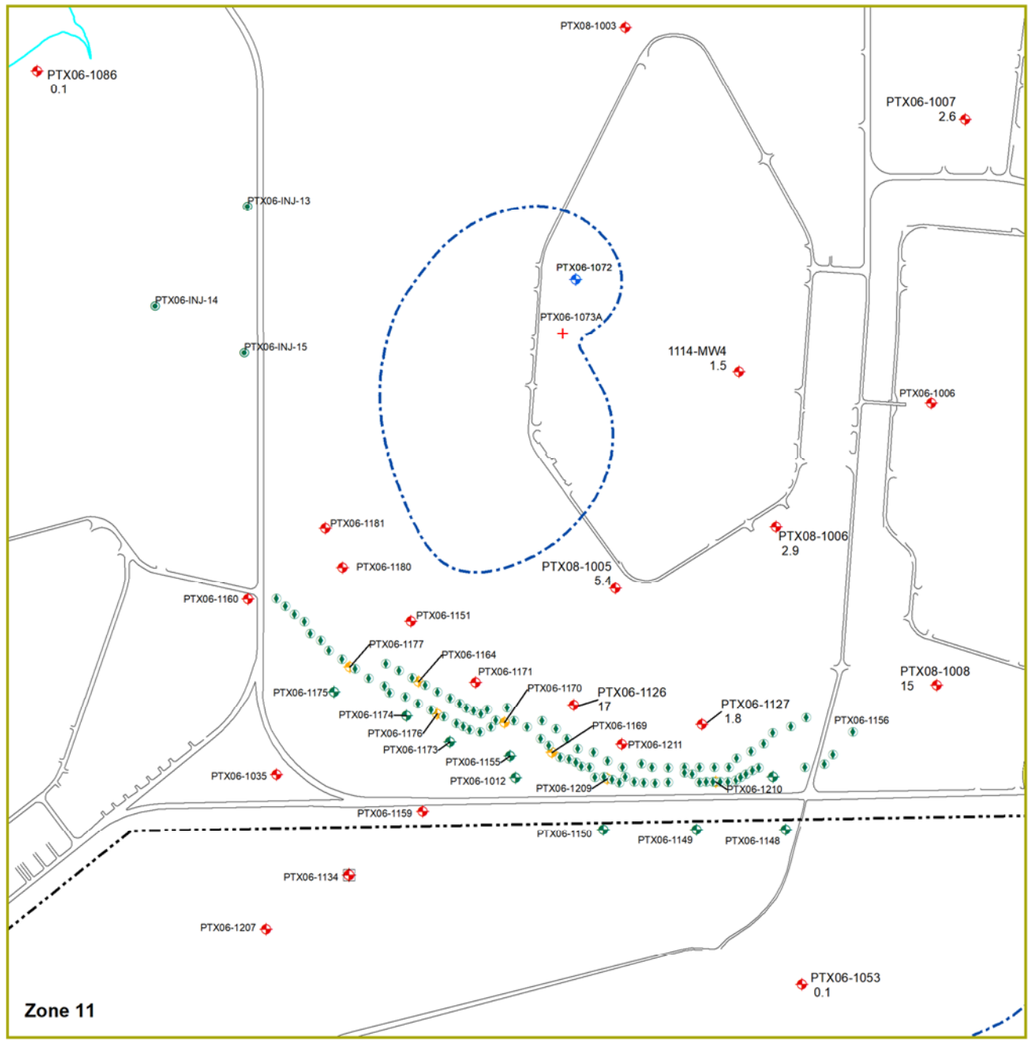
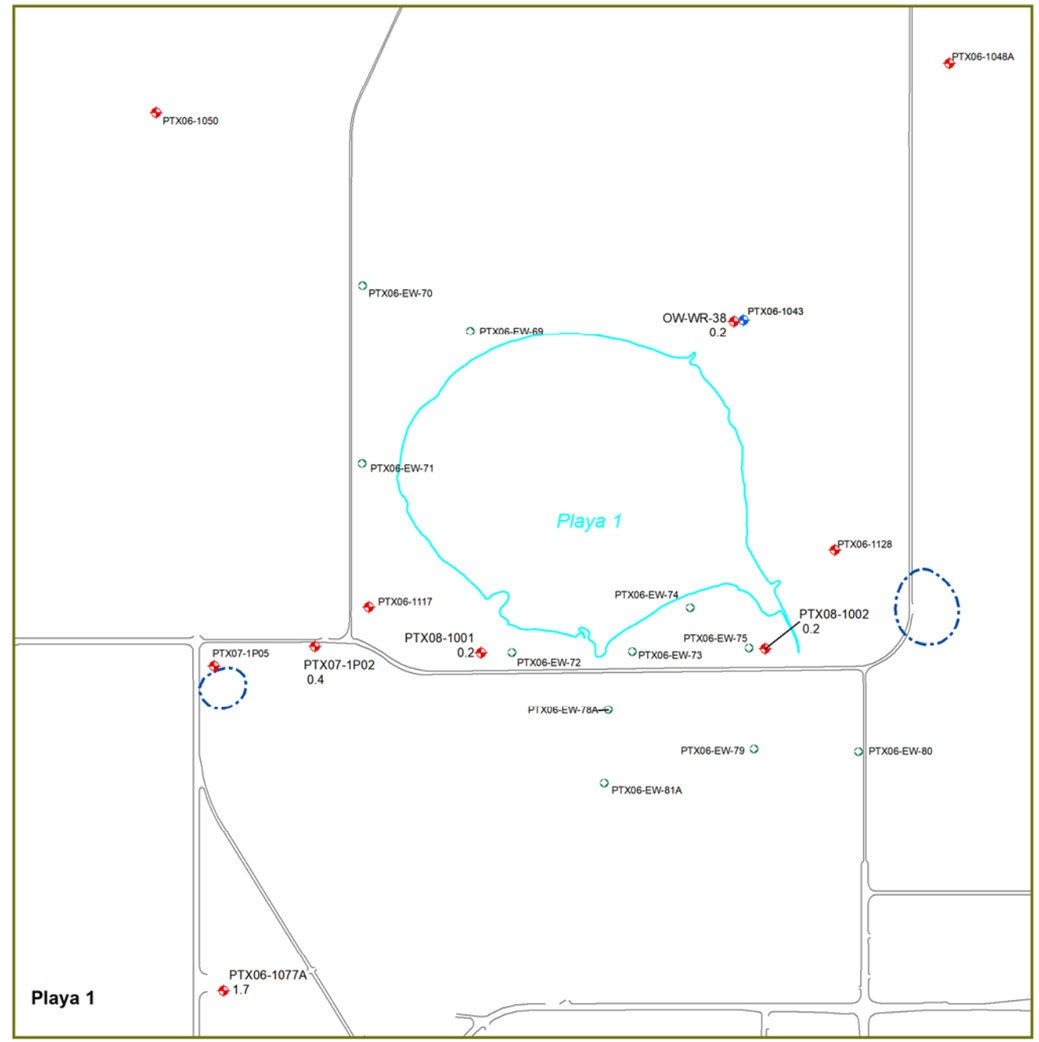
PTX06-1057A
PTX07-1O02
1.0
PTX07-1O03
0.4
PTX07-1O01
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
0.7
PTX07-1R01
PTX06-1023
1.3
PTX06-1044
PTX06-1013
0.6
PTX06-1049
PTX06-1069
1.4
PTX06-1140
PTX06-EW-19
1.4
PTX06-1038
1.3
PTX06-EW-17
2.4
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-EW-18
2.3
PTX06-1002A
1.3
PTX06-EW-16
3.1
PTX06-1059
PTX06-1085
0.1
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
0.5
PTX07-1Q01
0.9
PTX06-1131
2.5
PTX06-1075
100
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Cr(VI) Isoconcentrations
100 µg/L
1000 µg/L
2500 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Hexavalent Chromium
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Cr(VI) Isoconcentrations
100 µg/L
1000 µg/L
2500 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Hexavalent Chromium
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

Cr(VI) Isoconcentrations
- 100 µg/L
- 1000 µg/L
- 2500 µg/L
- Area under ISB Influence

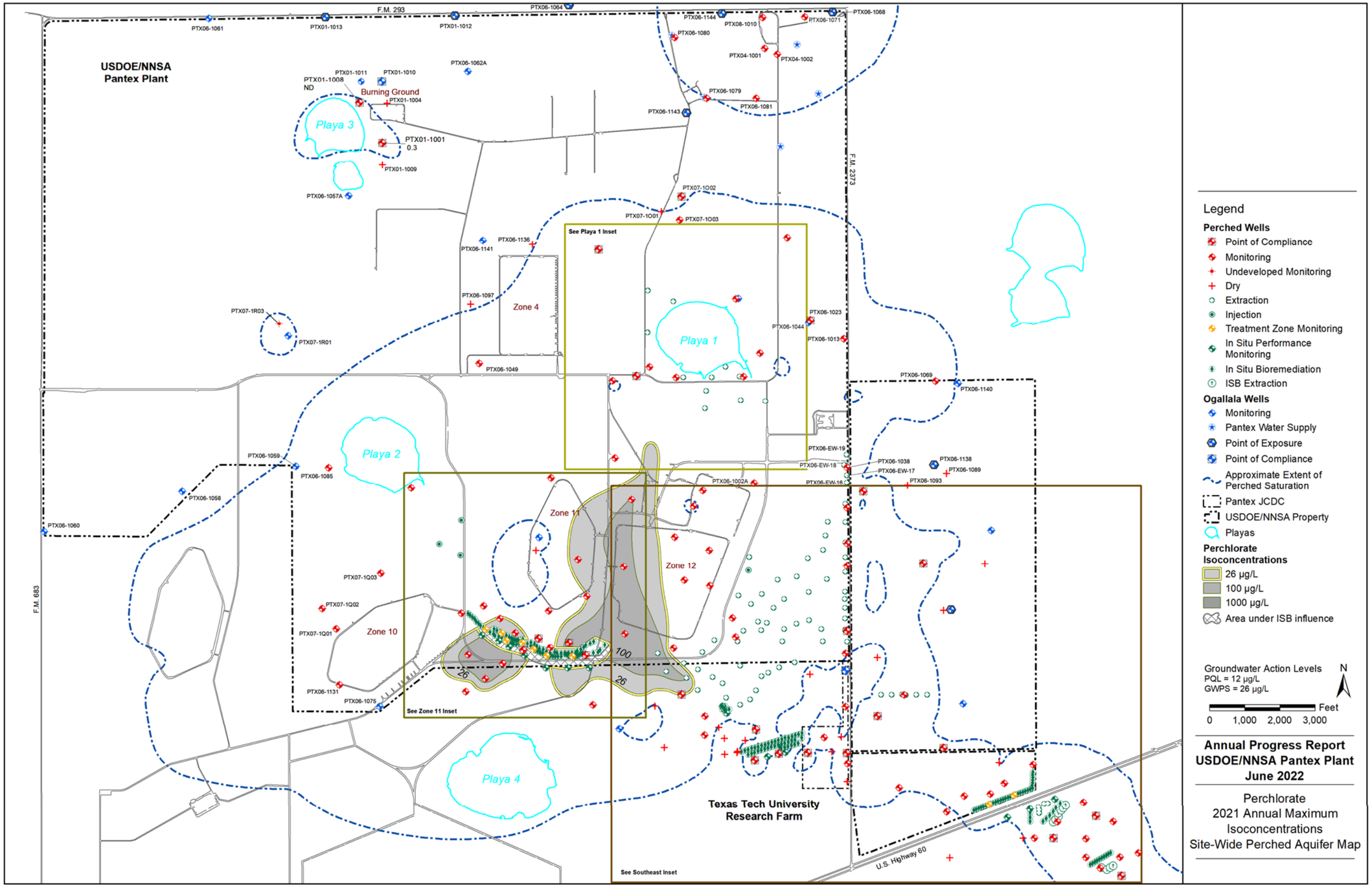
Groundwater Action Levels
PQL = 15 µg/L
GWPS = 100 µg/L

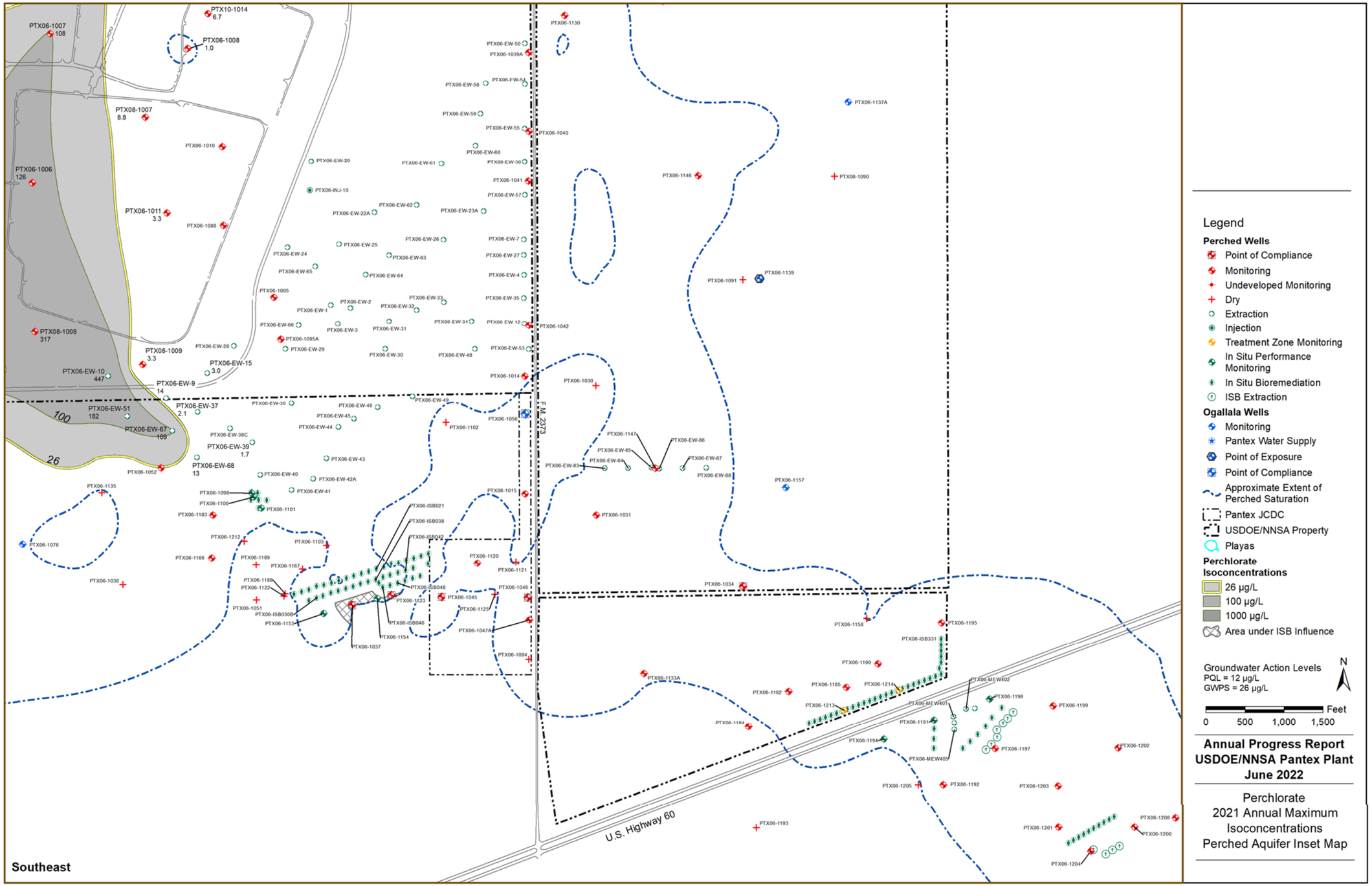
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

Hexavalent Chromium
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX01-1001
0.3
PTX01-1008
ND
26
100
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Perchlorate Isoconcentrations
26 µg/L
100 µg/L
1000 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 26 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Perchlorate
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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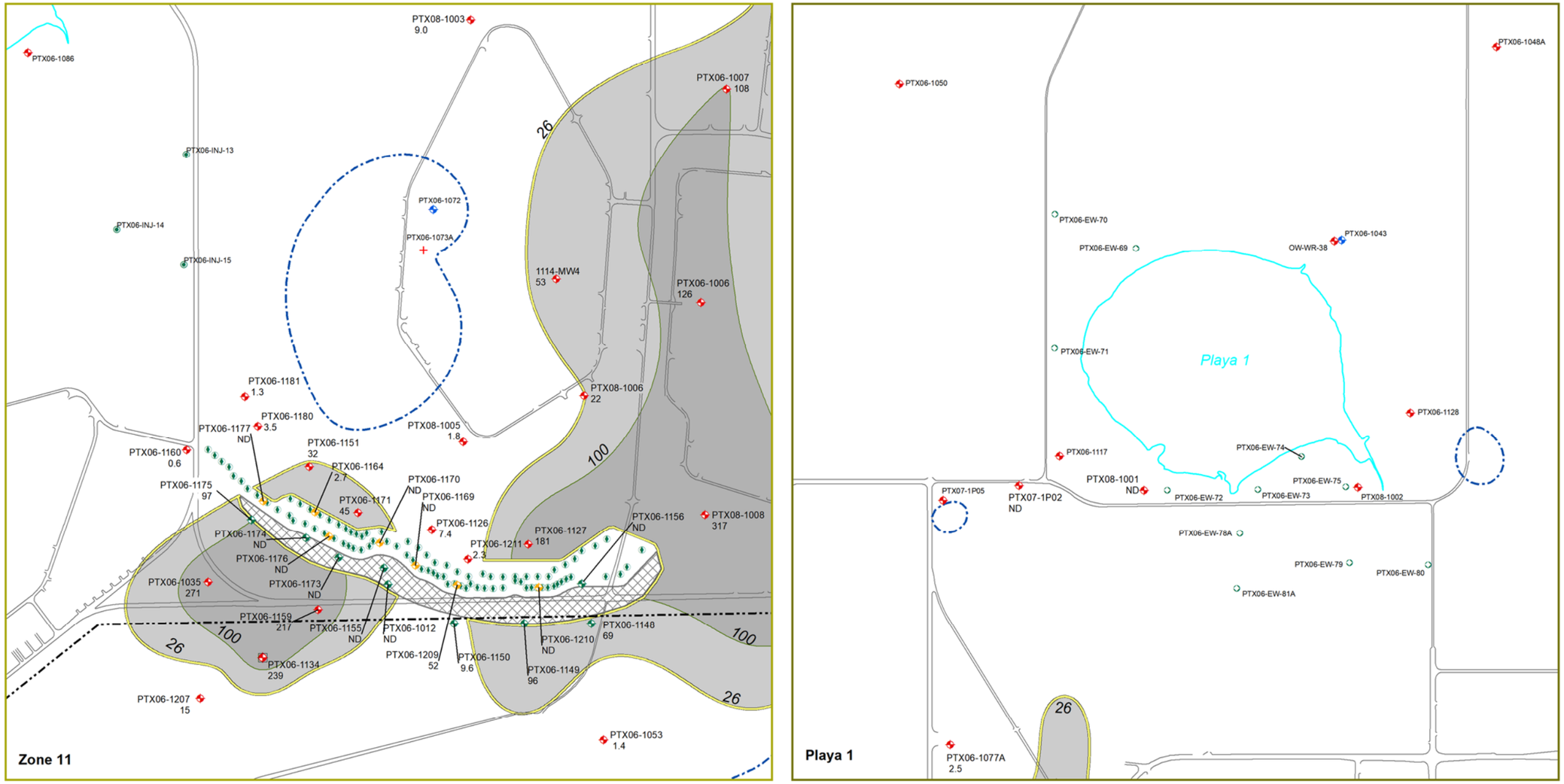
PTX10-1014
6.7
PTX06-1008
1.0
PTX08-1007
8.8
PTX06-1006
126
PTX06-1011
3.3
PTX08-1008
317
PTX08-1009
3.3
PTX06-EW-15
3.0
PTX06-EW-10
447
PTX06-EW-9
14
PTX06-EW-51
182
PTX06-EW-37
2.1
PTX06-EW-67
109
PTX06-EW-39
1.7
PTX06-EW-68
13
100
26
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Perchlorate Isoconcentrations
26 µg/L
100 µg/L
1000 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 26 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Perchlorate
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

Perchlorate Isoconcentrations
- 26 µg/L
- 100 µg/L
- 1000 µg/L
- Area under ISB Influence

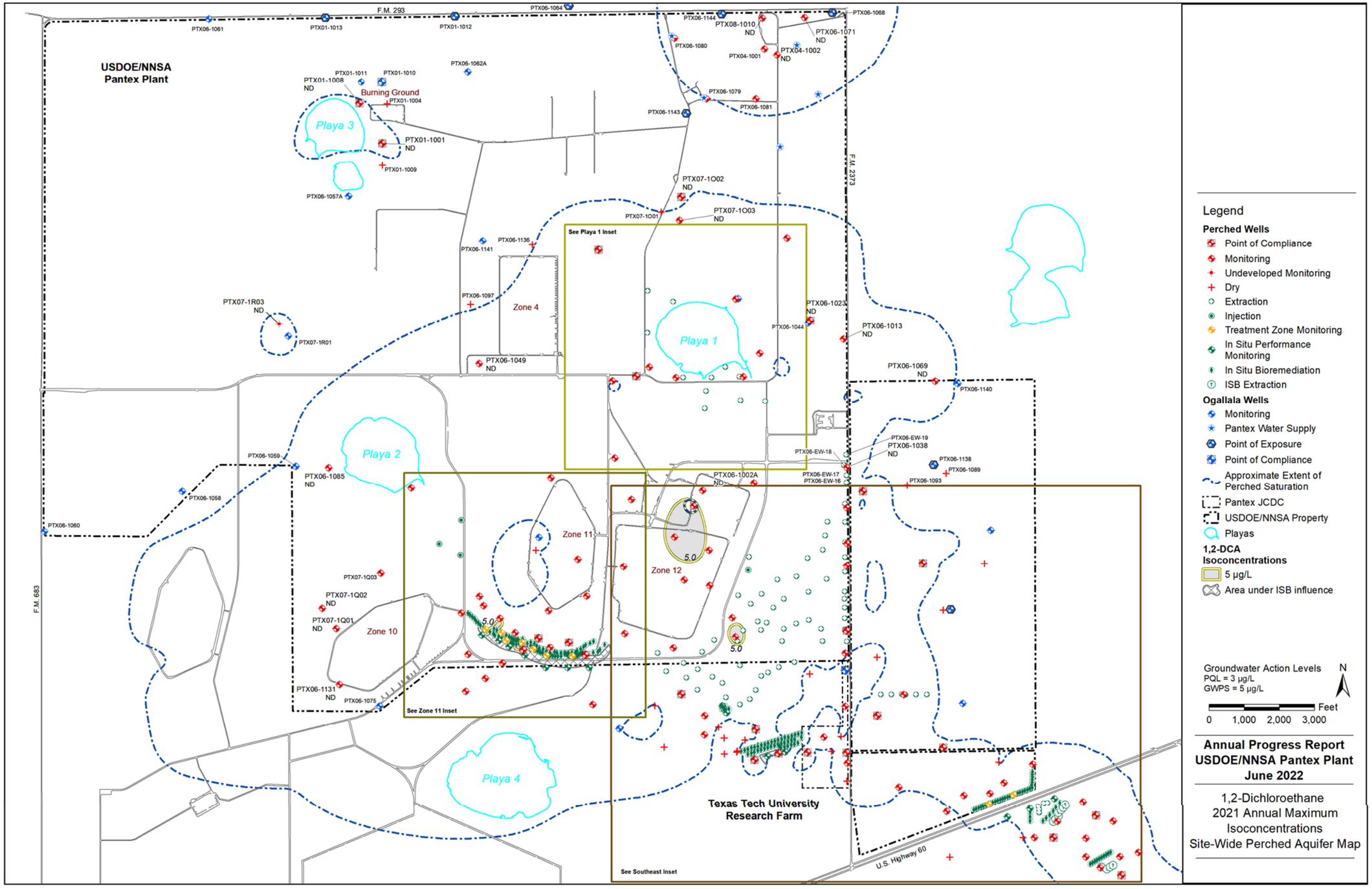
Groundwater Action Levels
PQL = 12 µg/L
GWPS = 26 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

Perchlorate
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX08-1010
ND
PTX06-1071
ND
PTX06-1068
PTX06-1080
PTX04-1001
PTX04-1002
ND
PTX06-1062A
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PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
ND
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
ND
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1049
ND
PTX06-1069
ND
PTX06-1140
PTX06-EW-19
PTX06-1038
ND
PTX06-EW-18
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PTX06-1002A
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PTX06-EW-17
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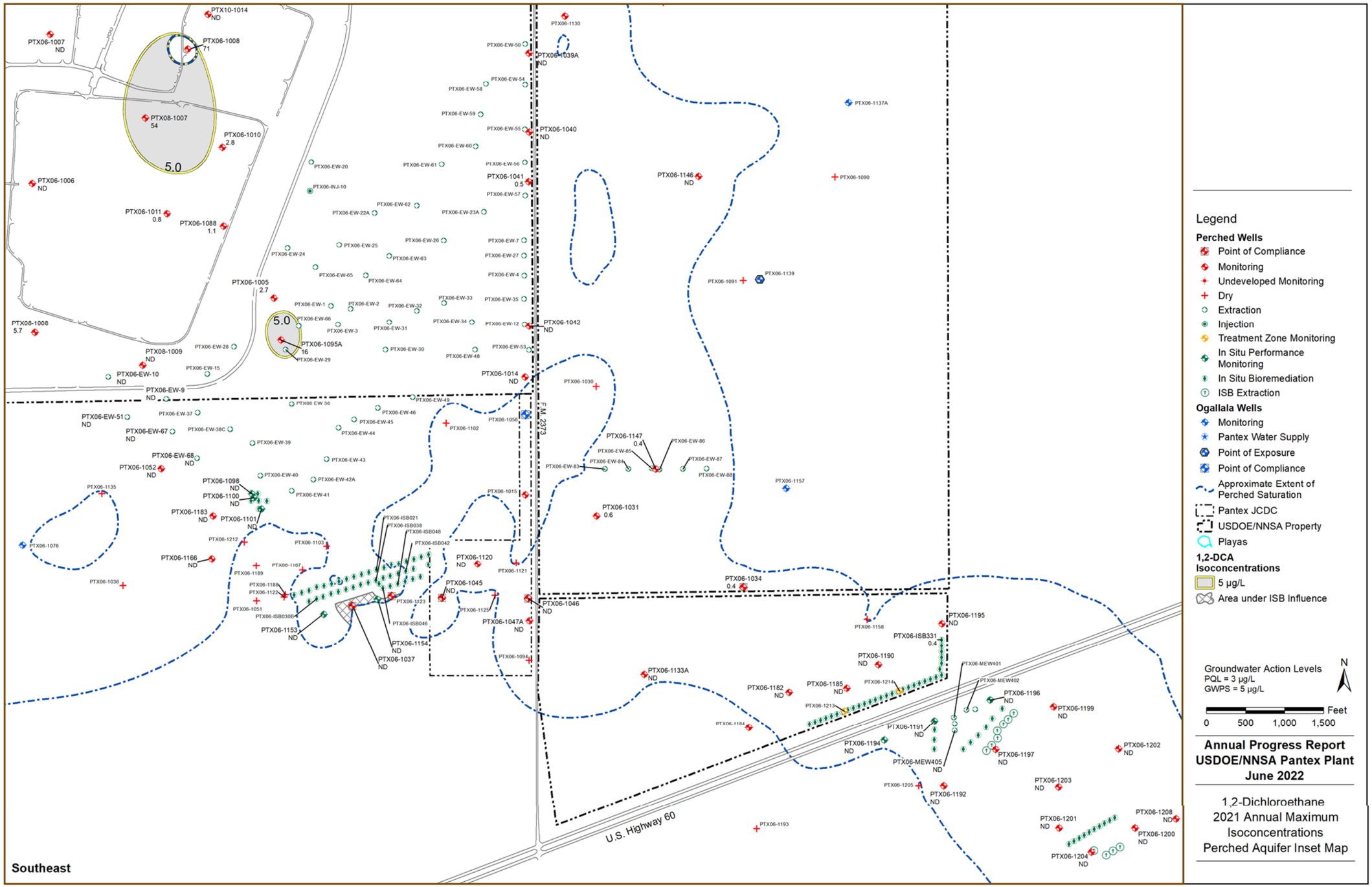
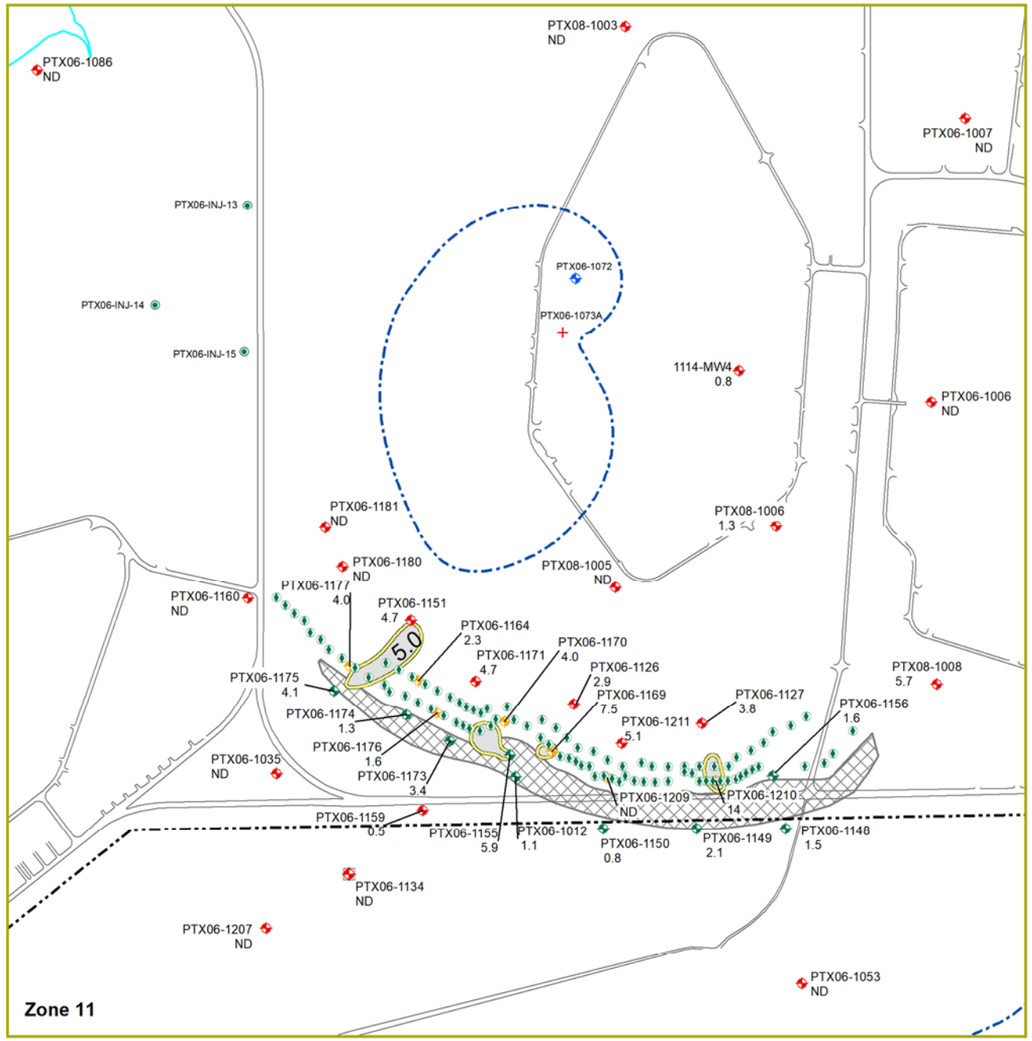
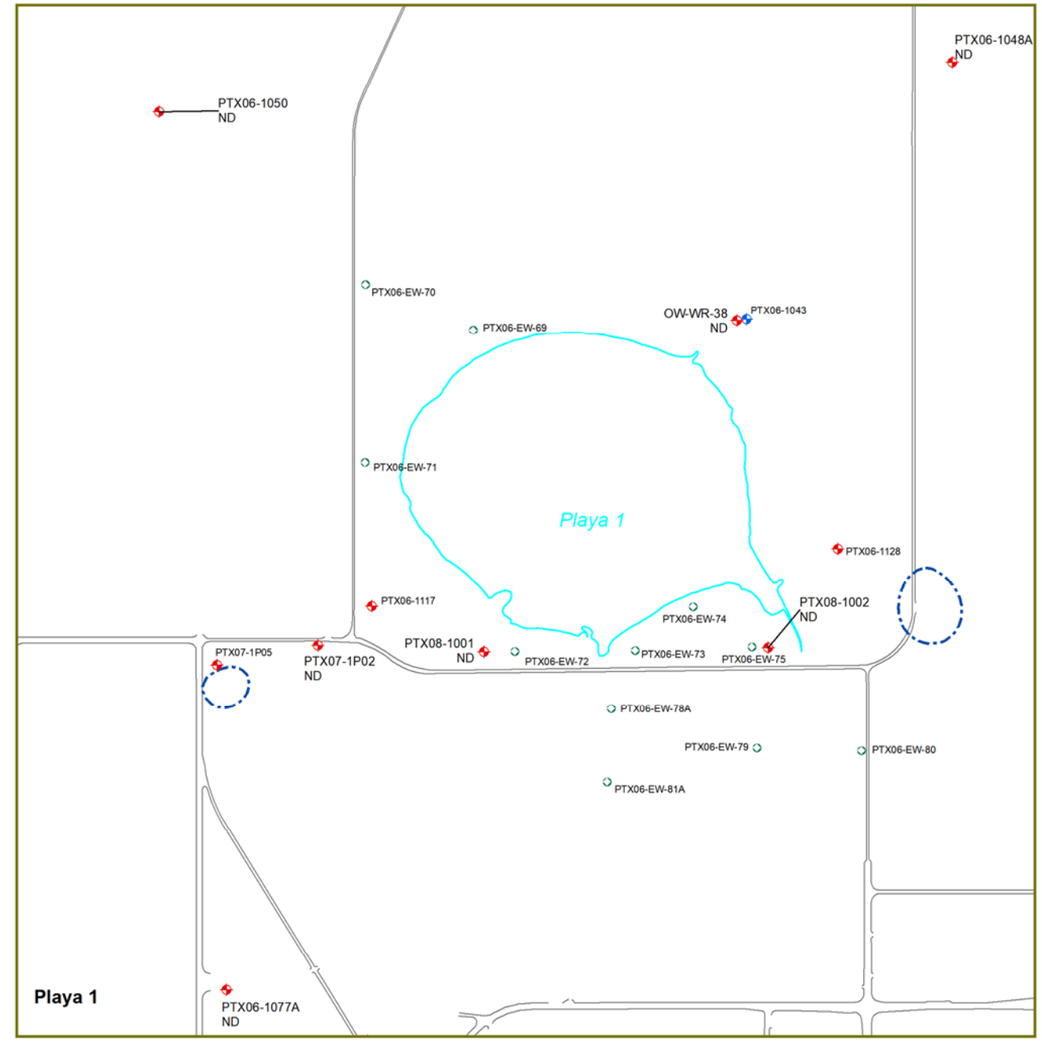
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
5.0
5.0
5.0
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,2-DCA Isoconcentrations
5 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,2-Dichloroethane
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,2-DCA Isoconcentrations
5 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,2-Dichloroethane
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

1,2-DCA Isoconcentrations
- 5 µg/L
- Area under ISB Influence

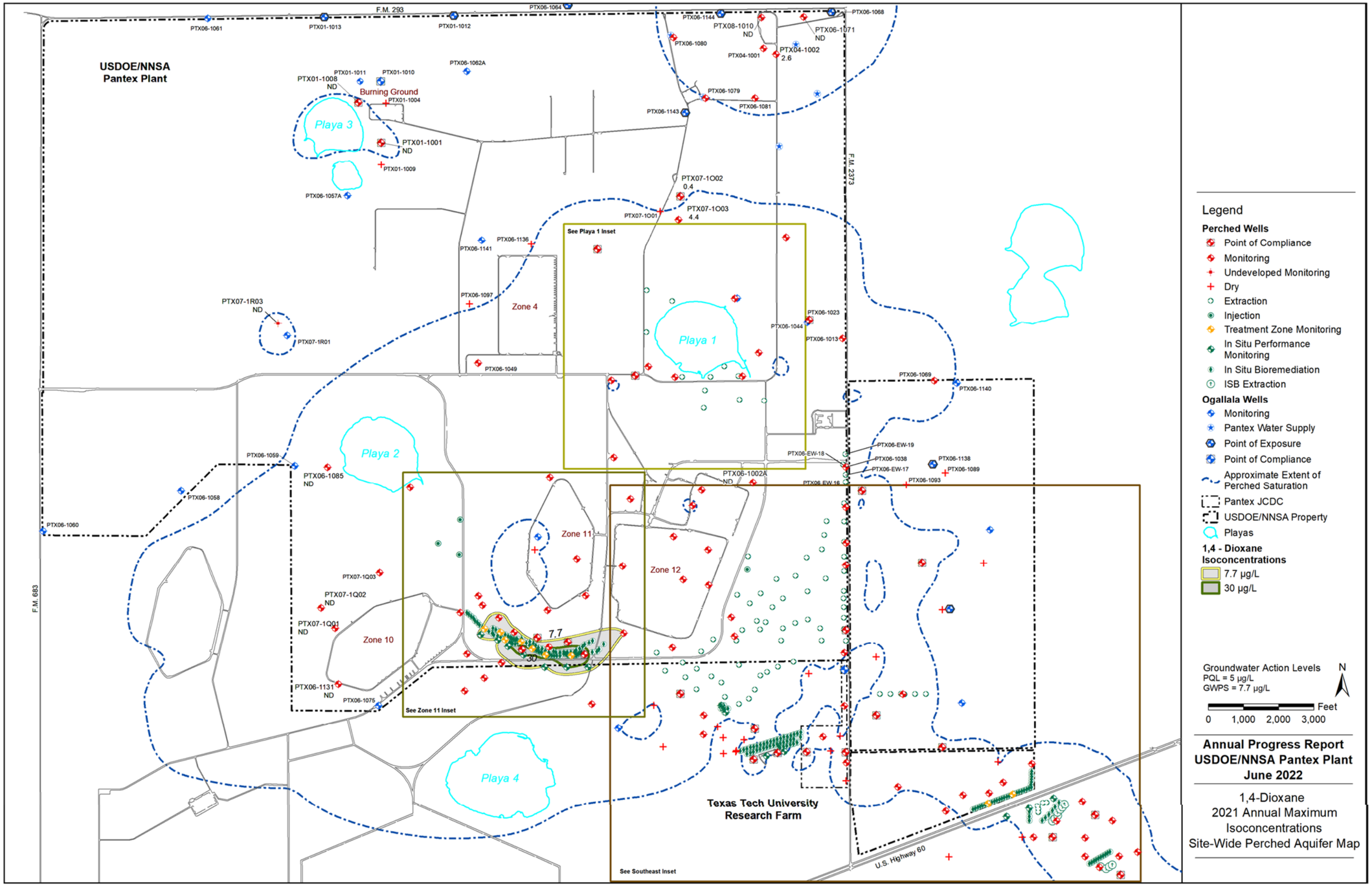
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L

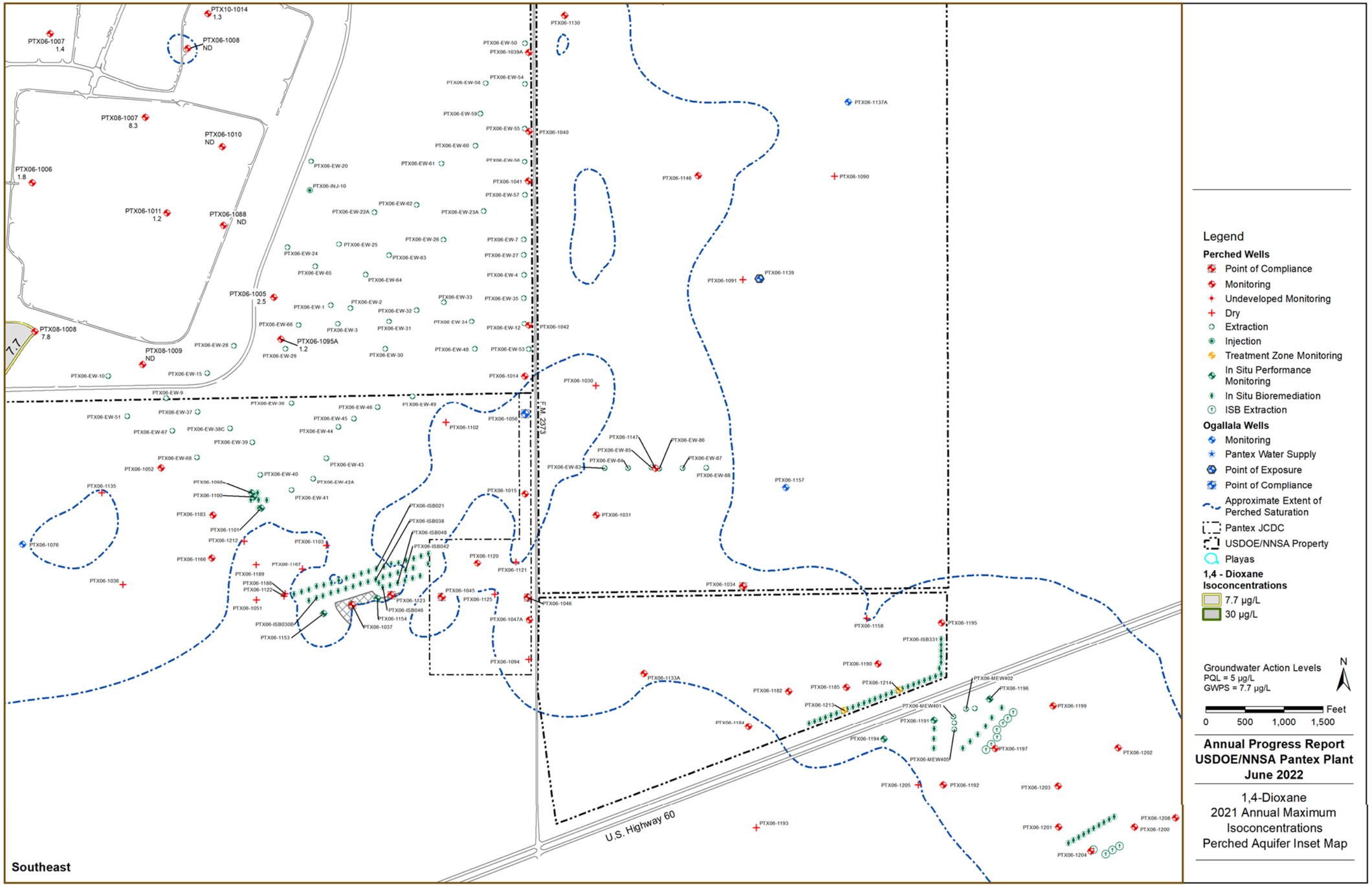
N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

1,2-Dichloroethane
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX08-1010
ND
PTX06-1071
ND
PTX04-1002
2.6
PTX01-1008
ND
PTX01-1001
ND
PTX07-1O02
0.4
PTX07-1O03
4.4
PTX07-1R03
ND
PTX06-1085
ND
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1002A
ND
7.7
30
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,4 - Dioxane Isoconcentrations
7.7 µg/L
30 µg/L
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,4-Dioxane
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map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1.3
PTX06-1007
1.4
PTX06-1008
ND
PTX08-1007
8.3
PTX06-1010
ND
PTX06-1006
1.8
PTX06-1011
1.2
PTX06-1088
ND
PTX06-1005
2.5
PTX08-1008
7.8
7.7
PTX08-1009
ND
PTX06-1095A
1.2
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PTX06-ISB042
PTX06-ISB046
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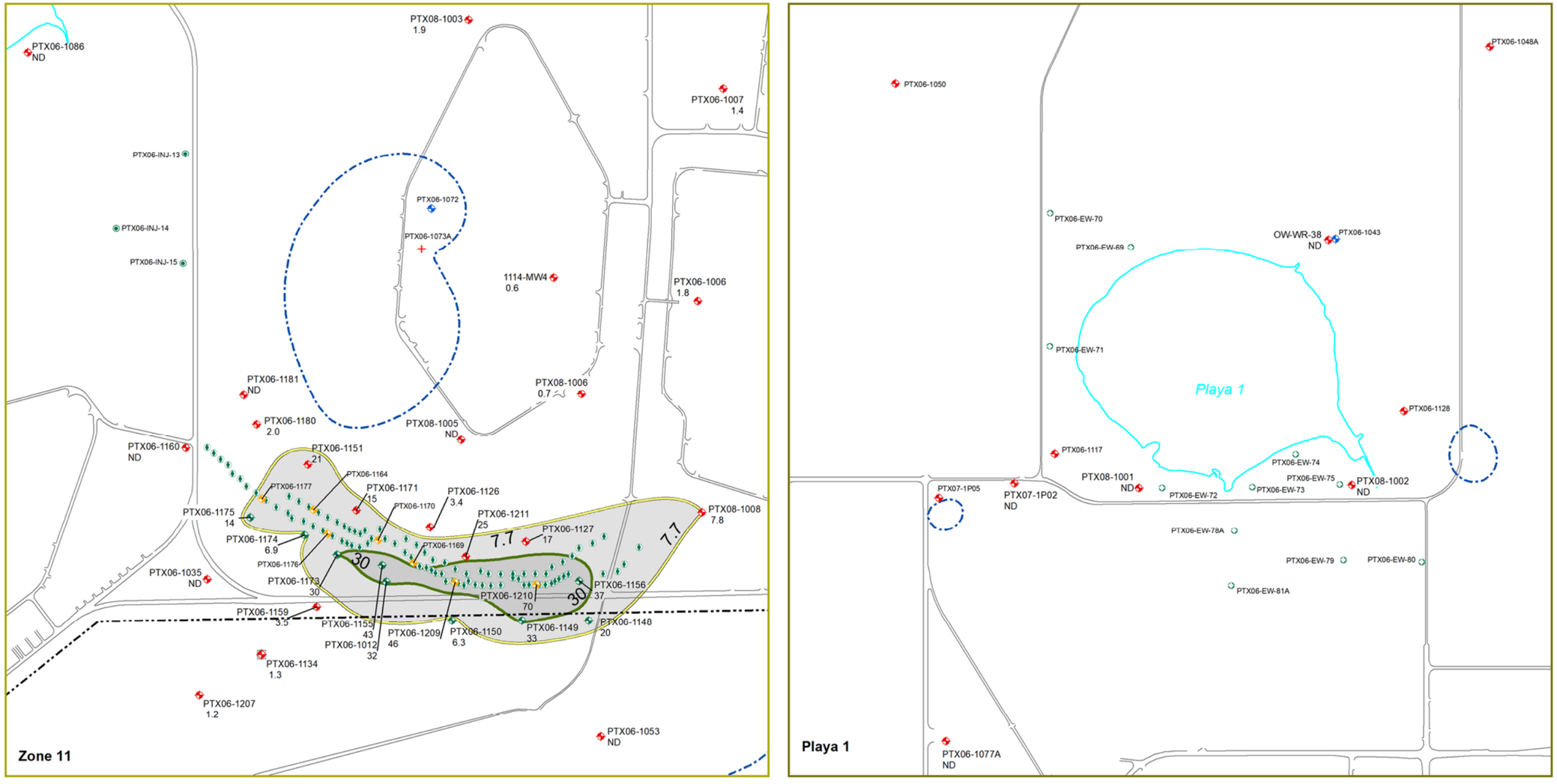
F.M. 2373
U.S. Highway 60
Southeast
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
1,4 - Dioxane Isoconcentrations
7.7 µg/L
30 µg/L
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L
N
Feet
0
500
1,000
1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
1,4-Dioxane
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation

- USDOE/NNSA Property
- Playas

1,4 - Dioxane Isoconcentrations
- 7.7 µg/L
- 30 µg/L

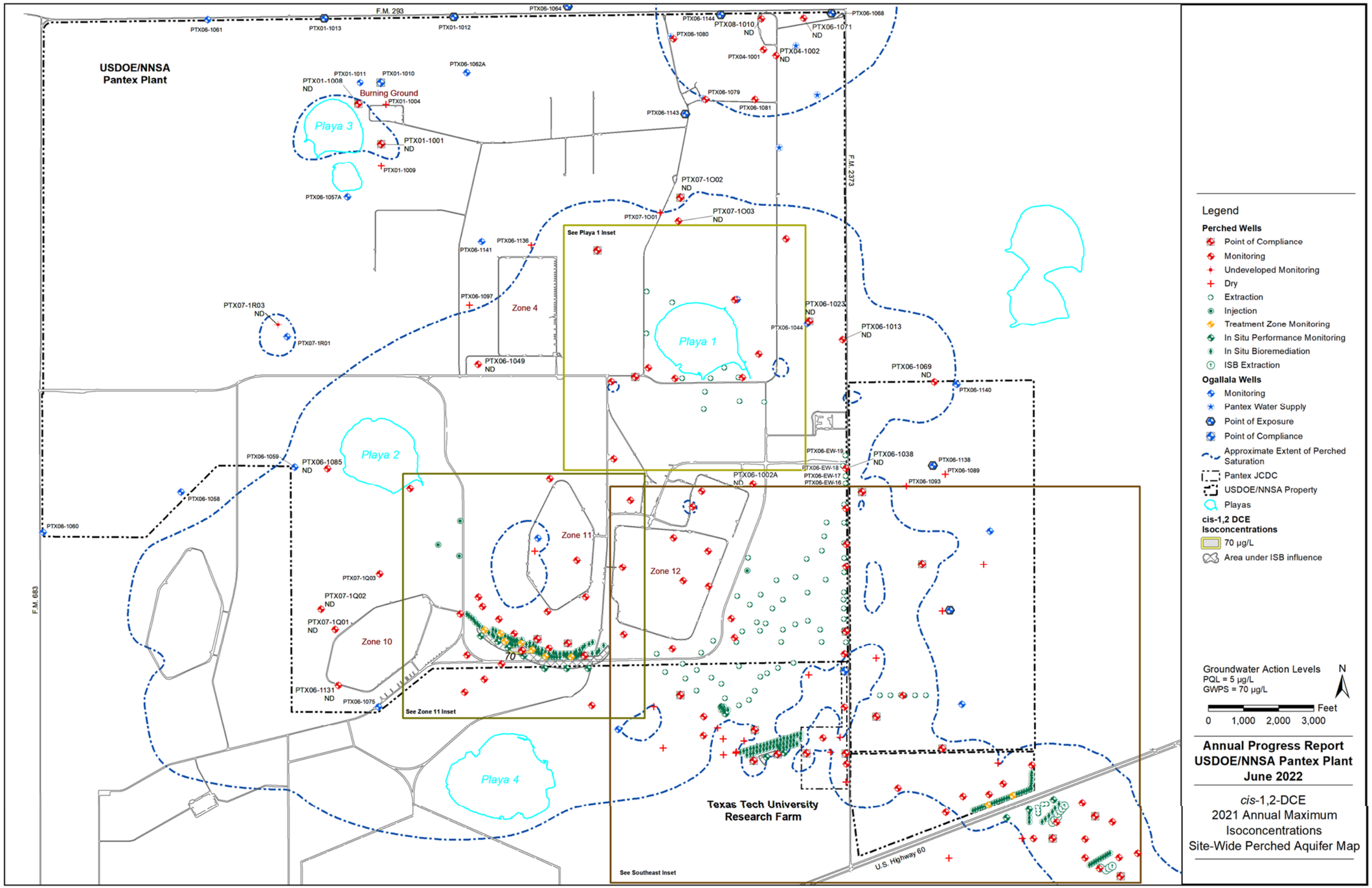
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 7.7 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

1,4-Dioxane
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX08-1010
ND
PTX06-1071
ND
PTX06-1080
PTX04-1001
PTX04-1002
ND
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
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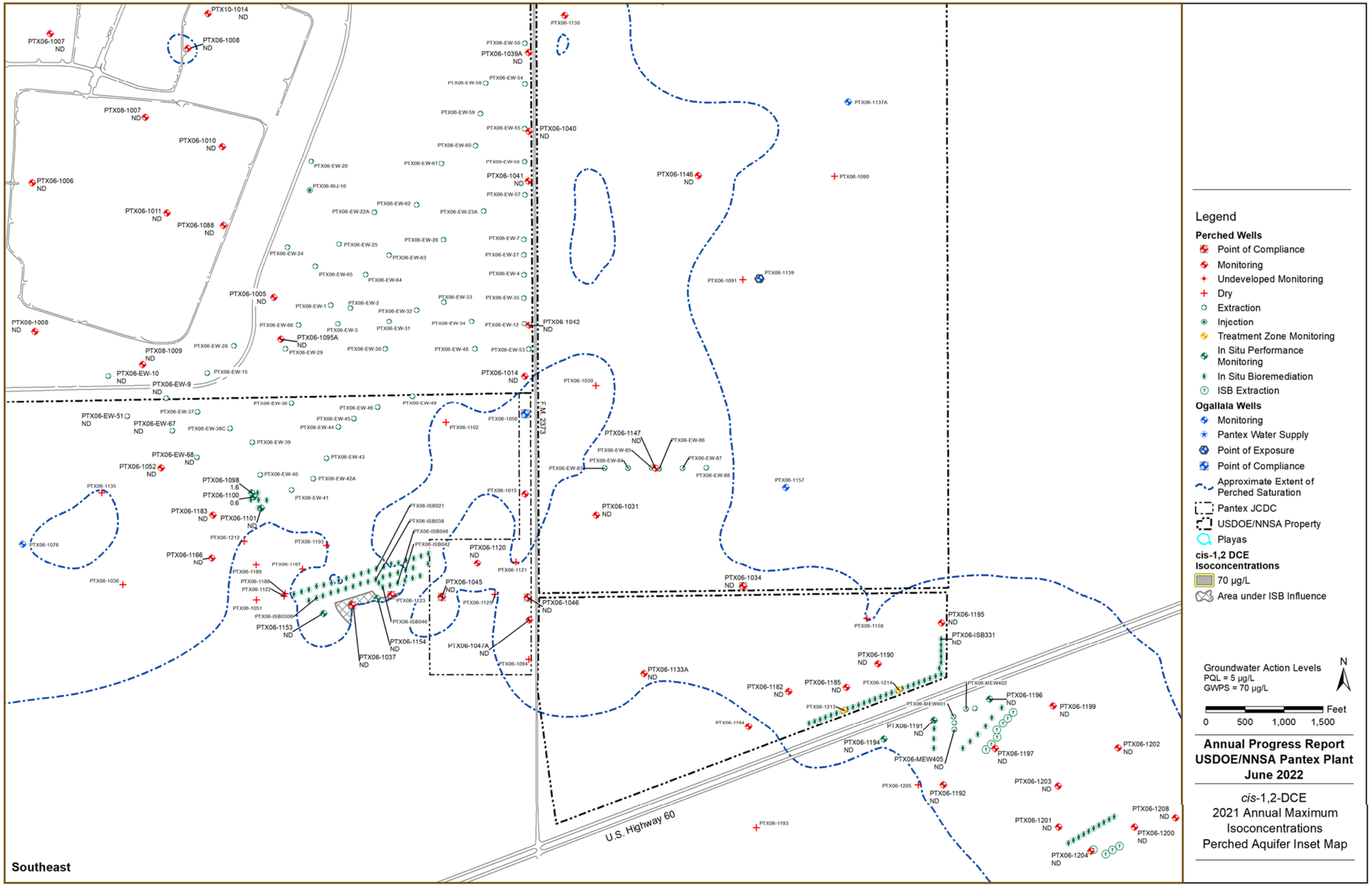
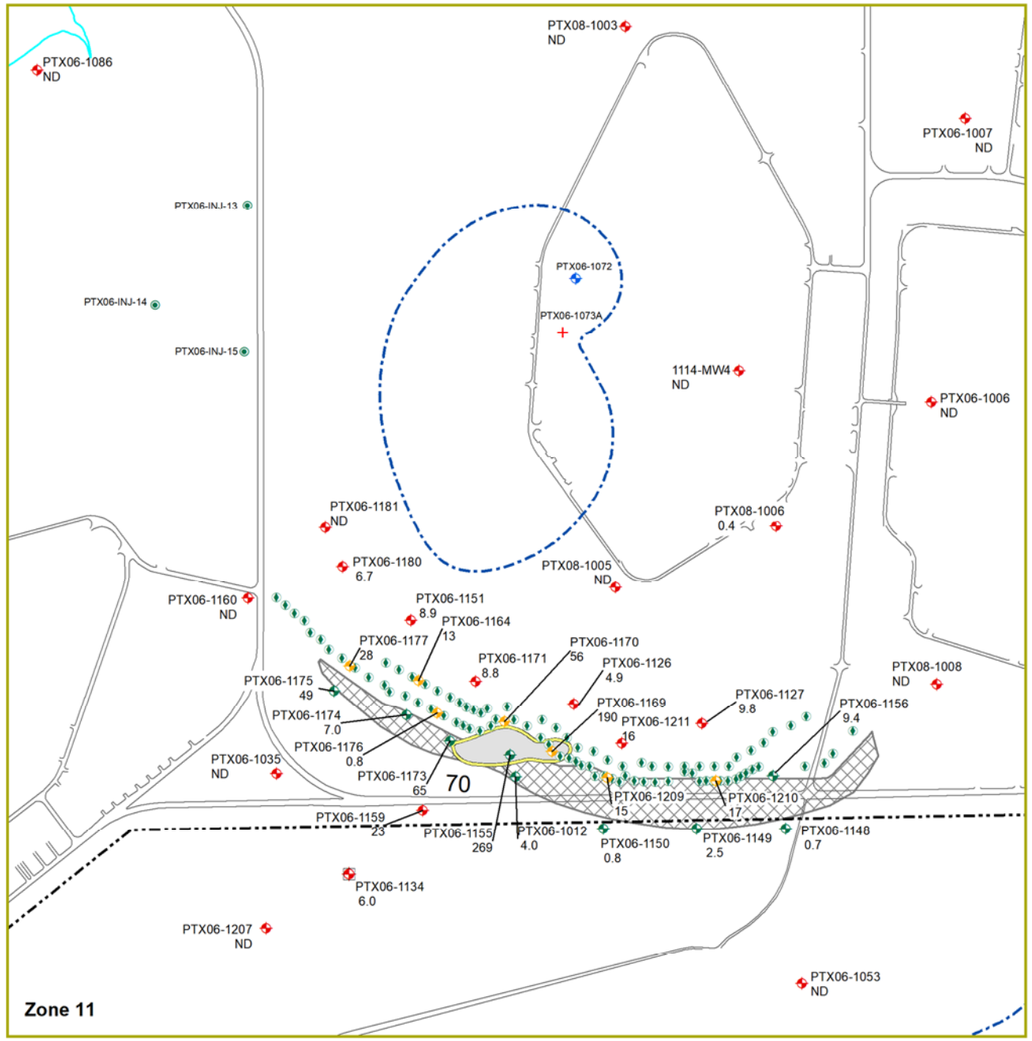
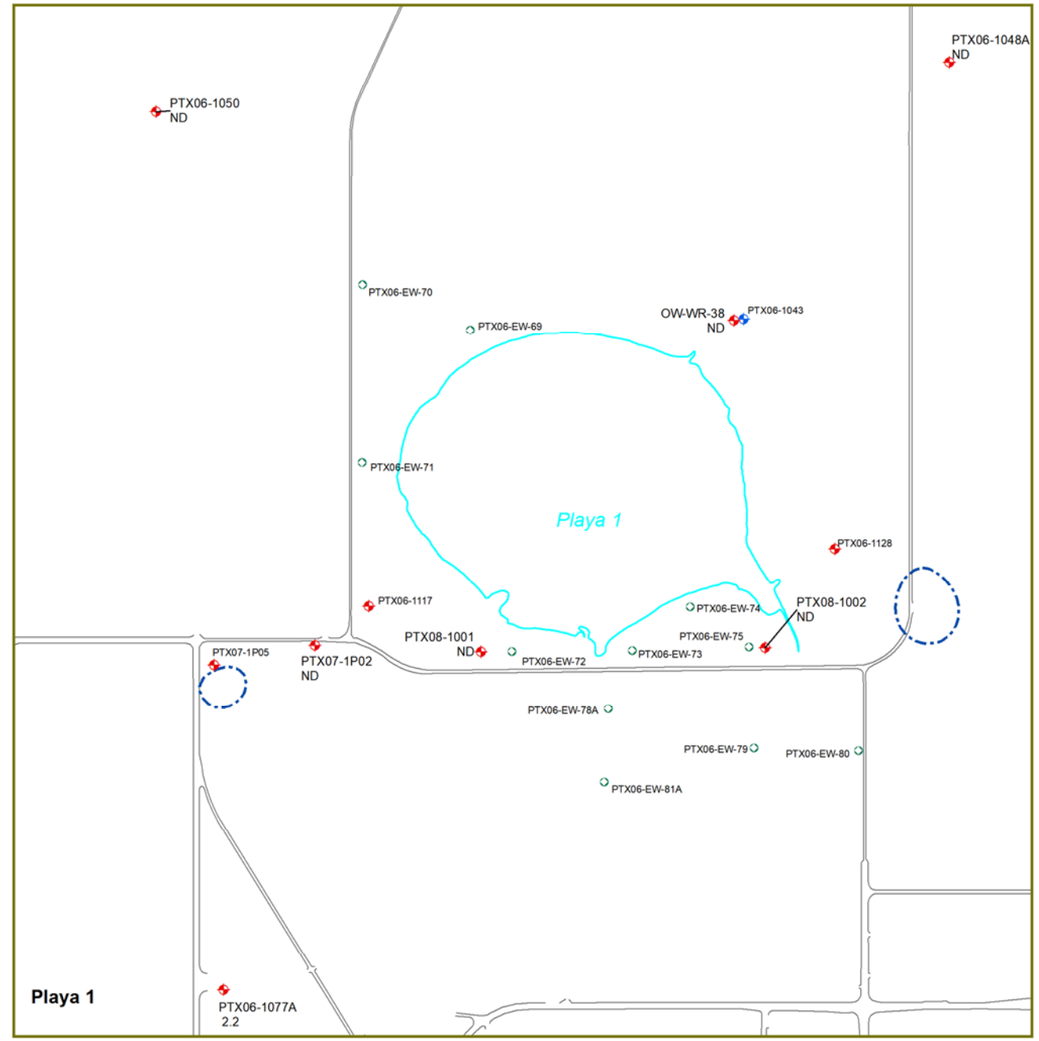
PTX06-1002A
ND
PTX06-EW-18
PTX06-EW-17
PTX06-EW-16
PTX06-1093
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
70
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
cis-1,2 DCE
Isoconcentrations
70 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 70 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
cis-1,2-DCE
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
cis-1,2 DCE Isoconcentrations
70 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 70 µg/L
N
0 500 1,000 1,500 Feet
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
cis-1,2-DCE
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

cis-1,2 DCE Isoconcentrations
- 70 µg/L
- Area under ISB Influence

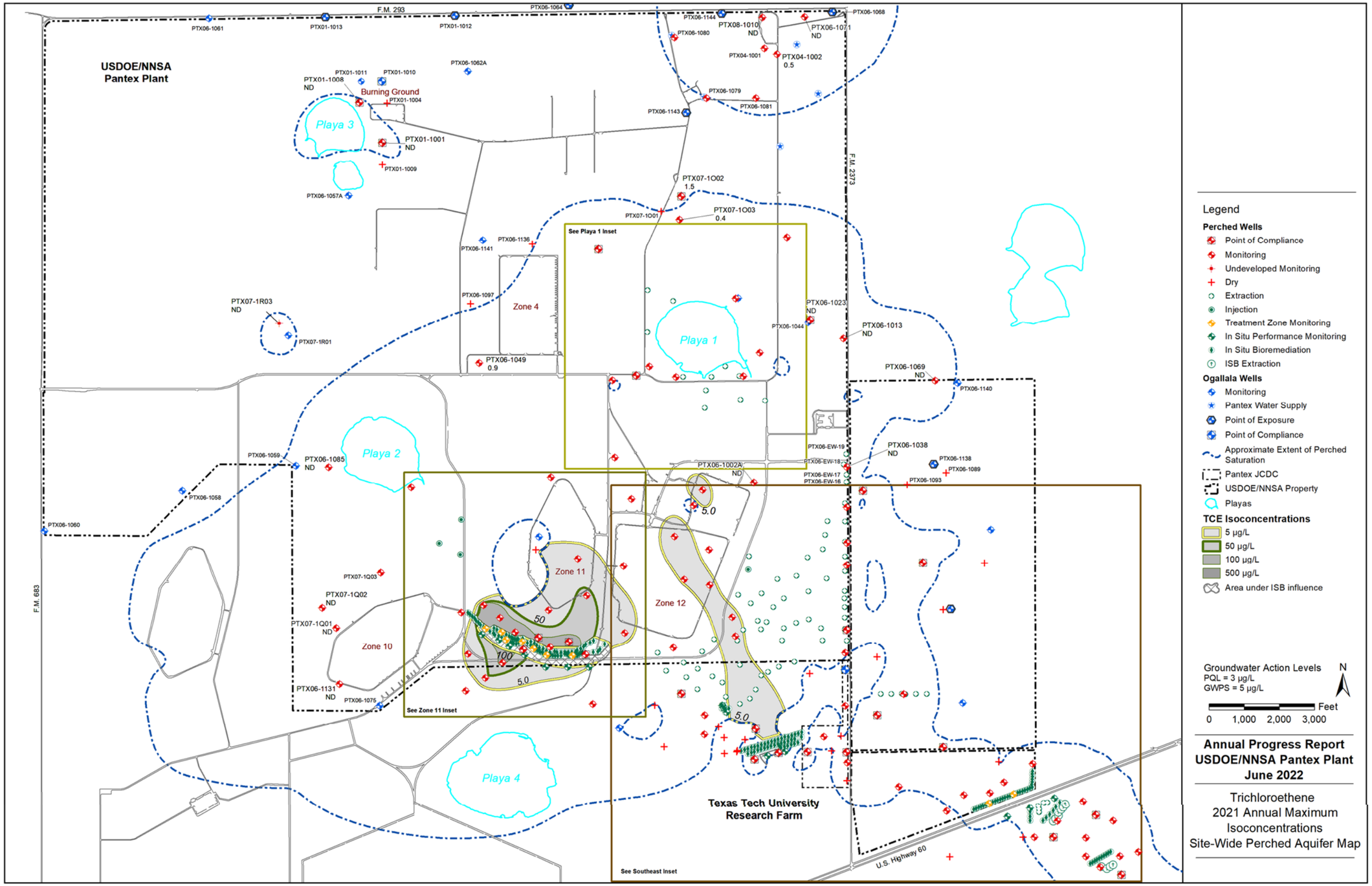
Groundwater Action Levels
PQL = 5 µg/L
GWPS = 70 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

cis-1,2-DCE
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
U.S. Highway 60
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX06-1080
PTX08-1010
ND
PTX06-1071
ND
PTX04-1001
PTX04-1002
0.5
PTX06-1062A
PTX01-1011
PTX01-1010
PTX01-1008
ND
PTX01-1004
PTX06-1079
PTX06-1081
PTX06-1143
PTX01-1001
ND
PTX01-1009
PTX06-1057A
PTX07-1O02
1.5
PTX07-1O01
PTX07-1O03
0.4
PTX06-1136
PTX06-1141
PTX06-1097
PTX07-1R03
ND
PTX07-1R01
PTX06-1023
ND
PTX06-1044
PTX06-1013
ND
PTX06-1049
0.9
PTX06-1069
ND
PTX06-1140
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX06-EW-19
PTX06-EW-18
PTX06-EW-17
PTX06-EW-16
PTX06-1038
ND
PTX06-1138
PTX06-1089
PTX06-1093
PTX06-1002A
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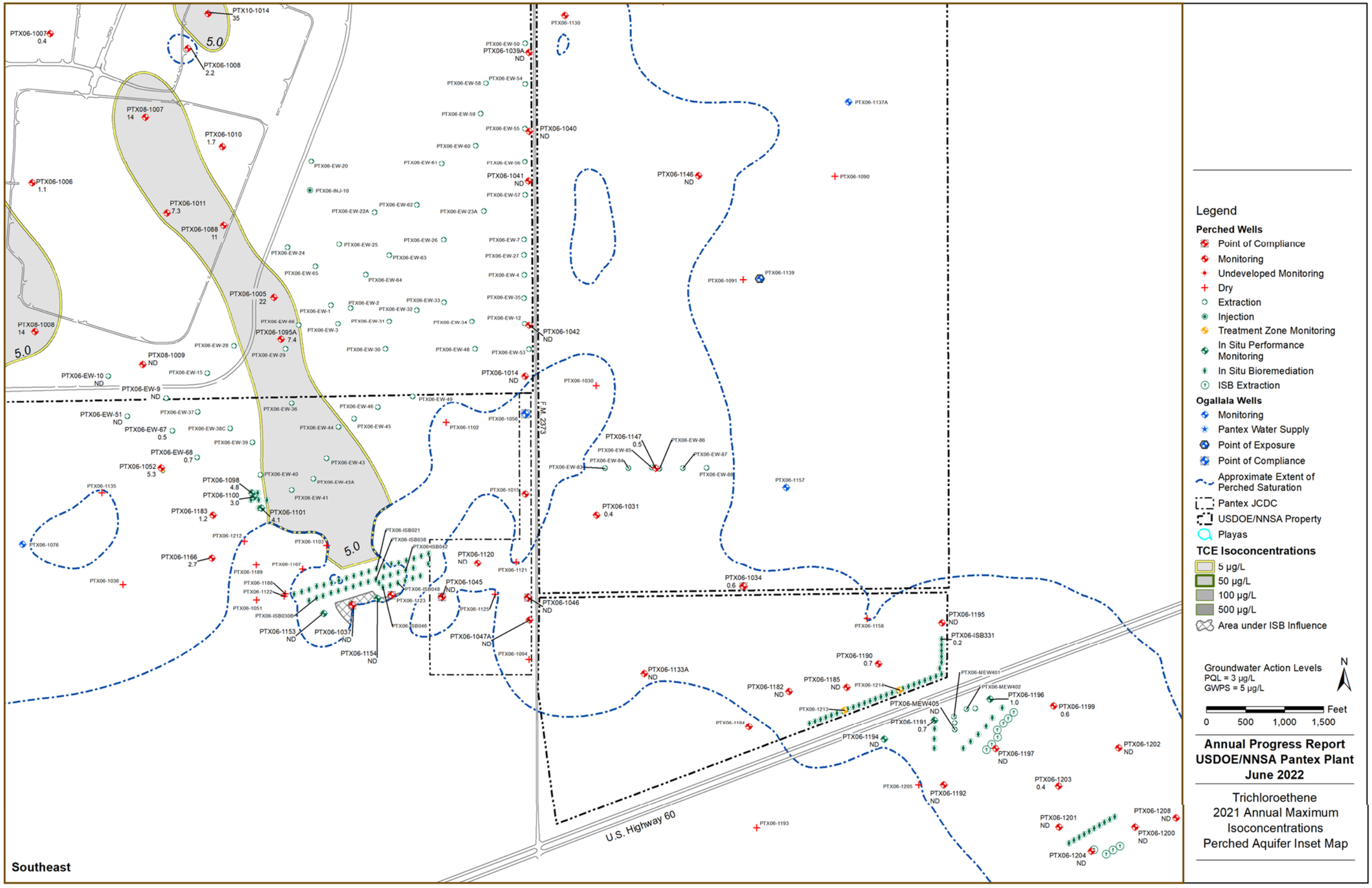
5.0
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
50
100
5.0
PTX06-1131
ND
PTX06-1075
5.0
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
TCE Isoconcentrations
5 µg/L
50 µg/L
100 µg/L
500 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0 1,000 2,000 3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Trichloroethene
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Southeast
U.S. Highway 60
F.M. 2373
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
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Point of Exposure
Point of Compliance
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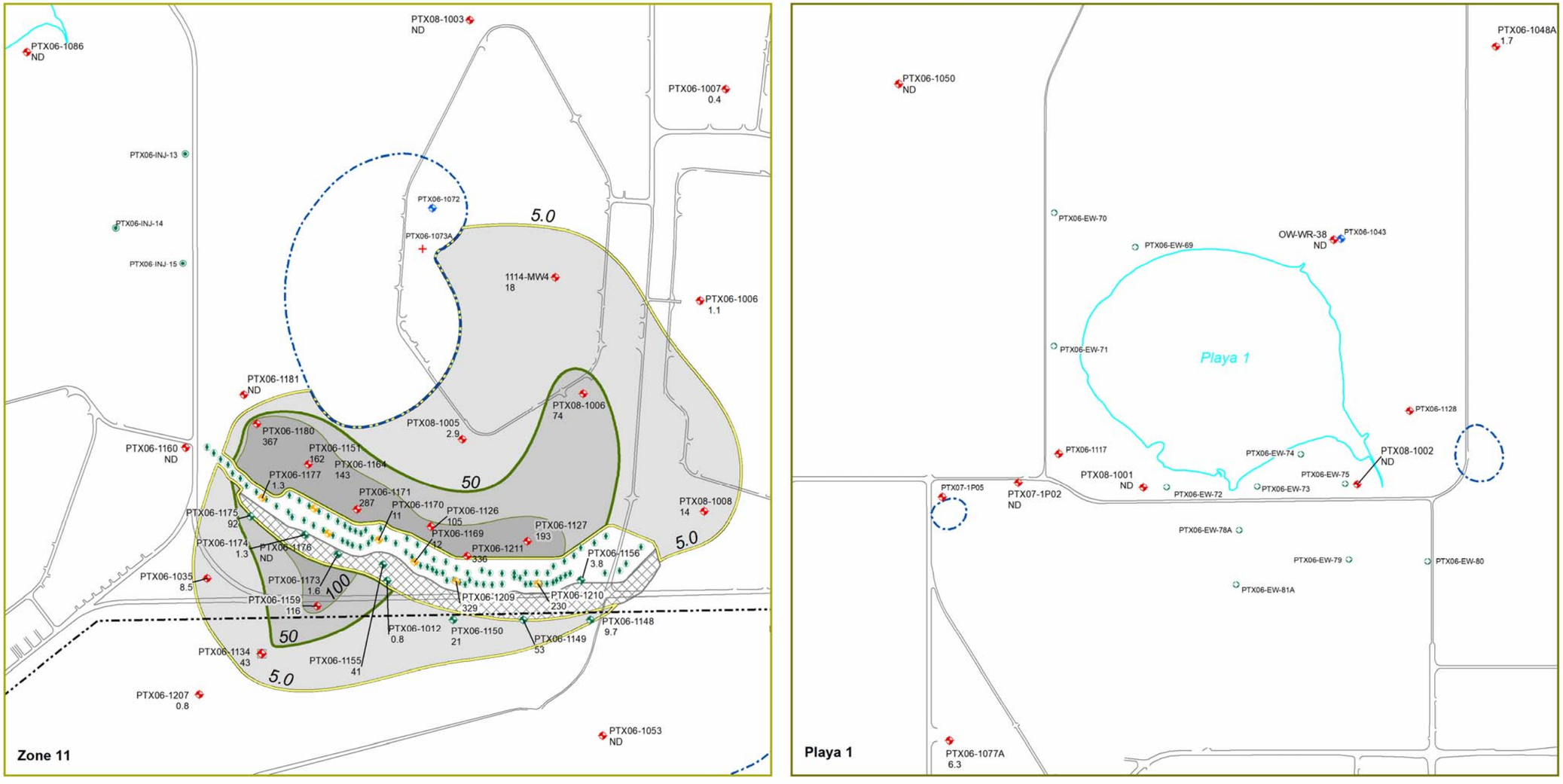
Pantex JCDC
USDOE/NNSA Property
Playas
TCE Isoconcentrations
5 µg/L
50 µg/L
100 µg/L
500 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Trichloroethene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map



Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

TCE Isoconcentrations
- 5 µg/L
- 50 µg/L
- 100 µg/L
- 500 µg/L
- Area under ISB Influence

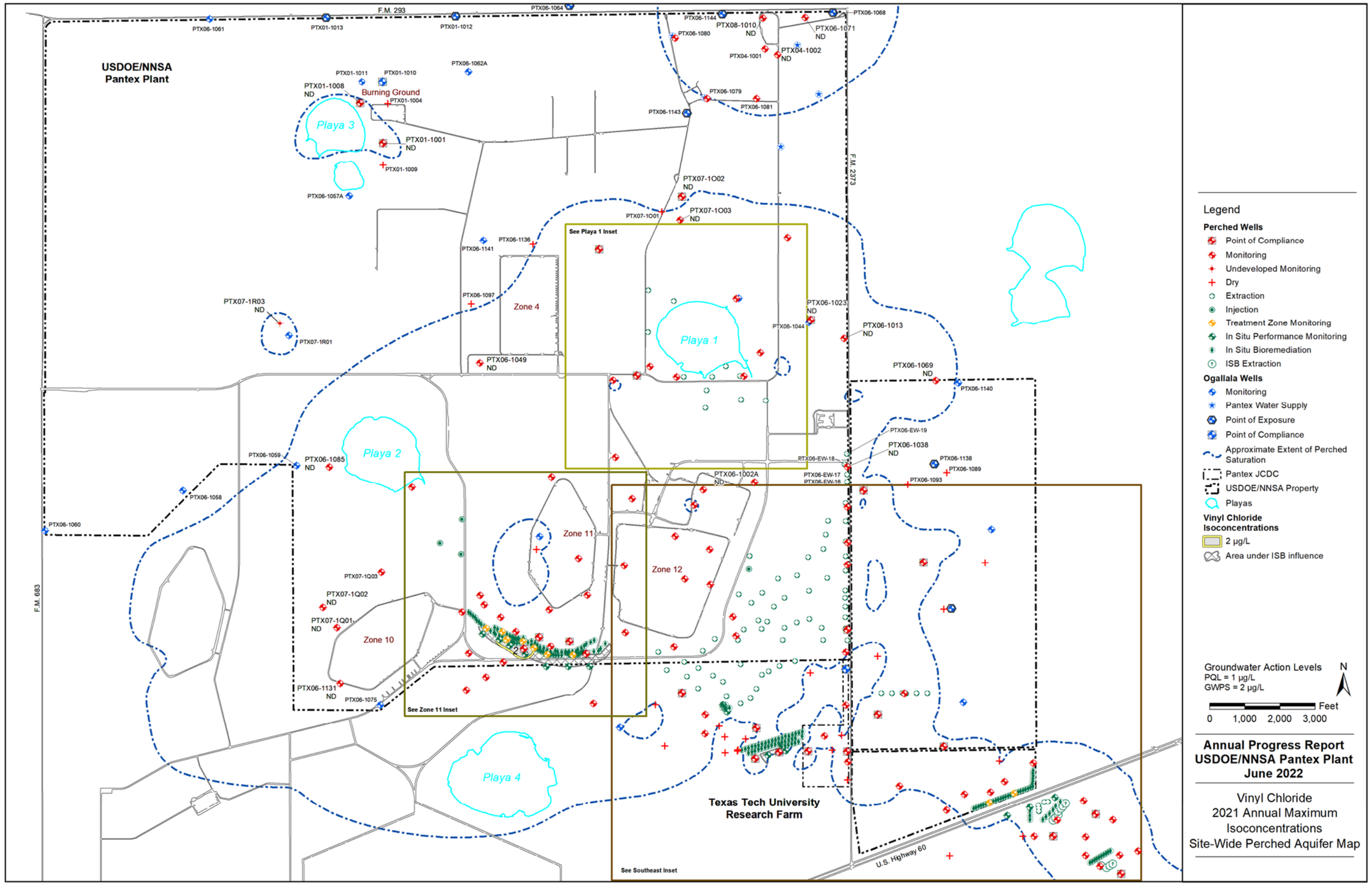
Groundwater Action Levels
PQL = 3 µg/L
GWPS = 5 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

Trichloroethene
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps


USDOE/NNSA
Pantex Plant
F.M. 293
F.M. 2373
F.M. 683
U.S. Highway 60
Burning Ground
Playa 1
Playa 2
Playa 3
Playa 4
Zone 4
Zone 10
Zone 11
Zone 12
See Playa 1 Inset
See Zone 11 Inset
See Southeast Inset
Texas Tech University
Research Farm
PTX06-1061
PTX01-1013
PTX01-1012
PTX06-1064
PTX06-1144
PTX06-1068
PTX06-1080
PTX08-1010
ND
PTX06-1071
ND
PTX04-1001
PTX04-1002
ND
PTX06-1062A
PTX01-1011
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ND
PTX01-1004
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PTX07-1O02
ND
PTX07-1O01
PTX07-1O03
ND
PTX06-1136
PTX06-1141
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PTX06-1140
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PTX06-1138
PTX06-1089
PTX06-EW-18
PTX06-EW-17
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PTX06-1093
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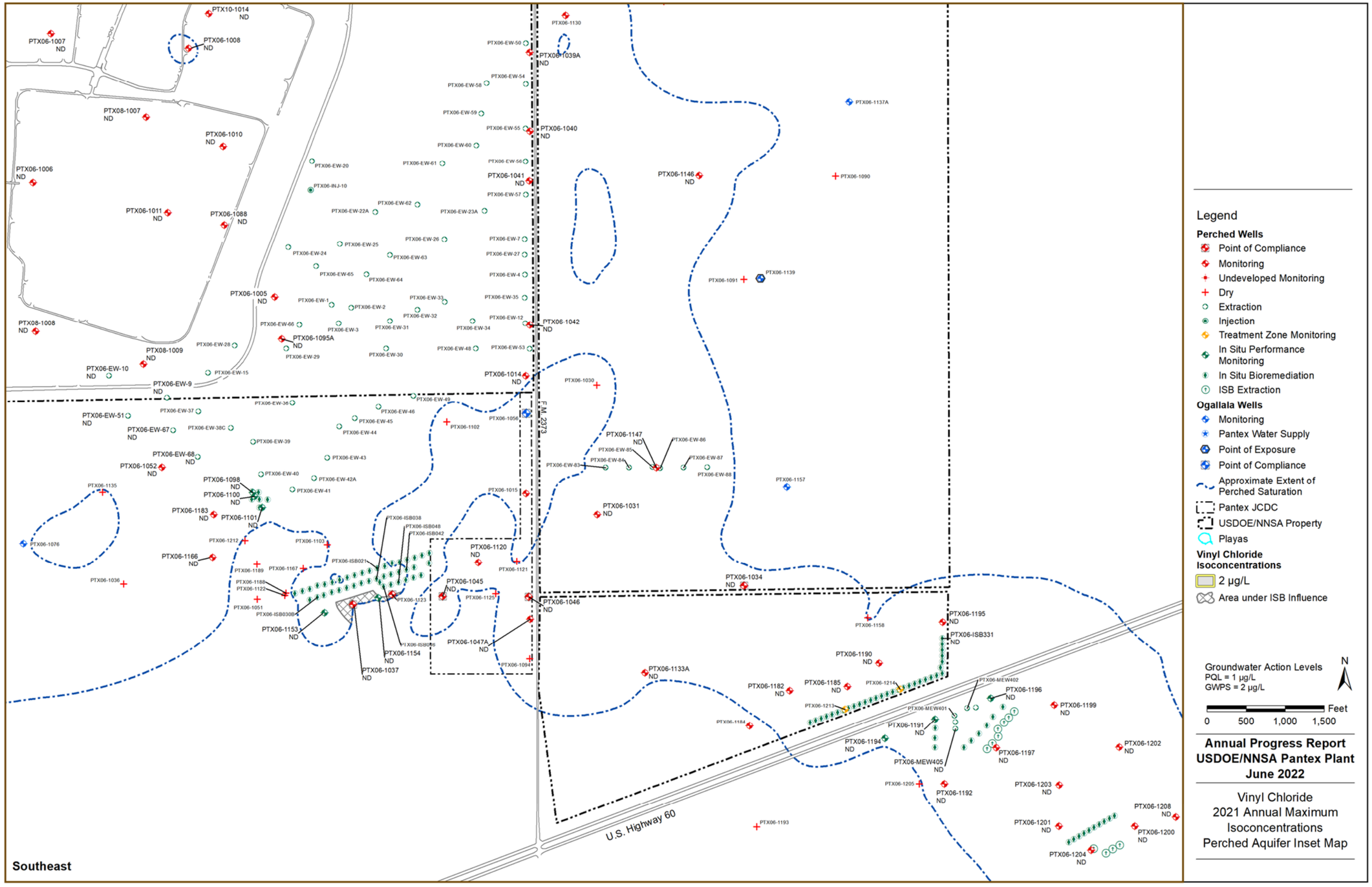
ND
PTX06-1059
PTX06-1085
ND
PTX06-1058
PTX06-1060
PTX07-1Q03
PTX07-1Q02
ND
PTX07-1Q01
ND
PTX06-1131
ND
PTX06-1075
Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
In Situ Performance Monitoring
In Situ Bioremediation
ISB Extraction
Ogallala Wells
Monitoring
Pantex Water Supply
Point of Exposure
Point of Compliance
Approximate Extent of Perched Saturation
Pantex JCDC
USDOE/NNSA Property
Playas
Vinyl Chloride Isoconcentrations
2 µg/L
Area under ISB influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0
1,000
2,000
3,000
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Vinyl Chloride
2021 Annual Maximum
Isoconcentrations
Site-Wide Perched Aquifer Map


Legend
Perched Wells
Point of Compliance
Monitoring
Undeveloped Monitoring
Dry
Extraction
Injection
Treatment Zone Monitoring
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In Situ Bioremediation
ISB Extraction
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USDOE/NNSA Property
Playas
Vinyl Chloride Isoconcentrations
2 µg/L
Area under ISB Influence
Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L
N
Feet
0 500 1,000 1,500
Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022
Vinyl Chloride
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Map
Southeast
U.S. Highway 60
F.M. 2373
PTX06-1007 ND
PTX10-1014 ND
PTX06-1008 ND
PTX08-1007 ND
PTX06-1010 ND
PTX06-1006 ND
PTX06-1011 ND
PTX06-1088 ND
PTX06-1005 ND
PTX08-1008 ND
PTX08-1009 ND
PTX06-EW-10 ND
PTX06-EW-9 ND
PTX06-1095A ND
PTX06-1039A ND
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PTX06-1041 ND
PTX06-1042 ND
PTX06-1014 ND
PTX06-1130
PTX06-1137A
PTX06-1146 ND
PTX06-1090
PTX06-1091
PTX06-1139
PTX06-1147 ND
PTX06-1157
PTX06-1031 ND
PTX06-1034 ND
PTX06-1158
PTX06-1195 ND
PTX06-ISB331 ND
PTX06-1190 ND
PTX06-1133A ND
PTX06-1182 ND
PTX06-1185 ND
PTX06-1196 ND
PTX06-1199 ND
PTX06-1191 ND
PTX06-1194 ND
PTX06-1197 ND
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PTX06-1192 ND
PTX06-1203 ND
PTX06-1208 ND
PTX06-1201 ND
PTX06-1200 ND
PTX06-1204 ND
PTX06-1193
PTX06-1030
PTX06-1102
PTX06-1120 ND
PTX06-1045 ND
PTX06-1046 ND
PTX06-1047A ND
PTX06-1154 ND
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PTX06-1183 ND
PTX06-1052 ND
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PTX06-1076
PTX06-1135
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PTX06-EW-67 ND
PTX06-INJ-10
PTX06-ISB038
PTX06-ISB048
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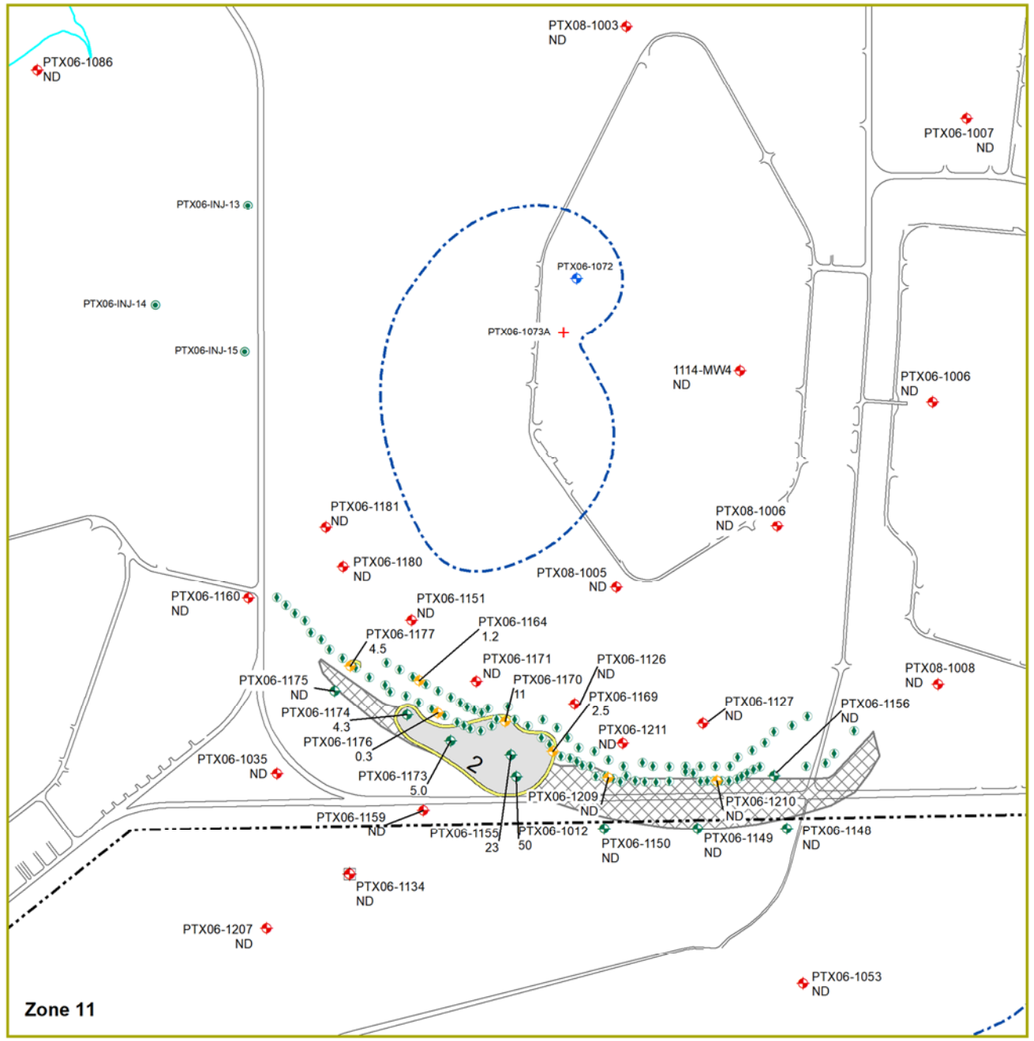
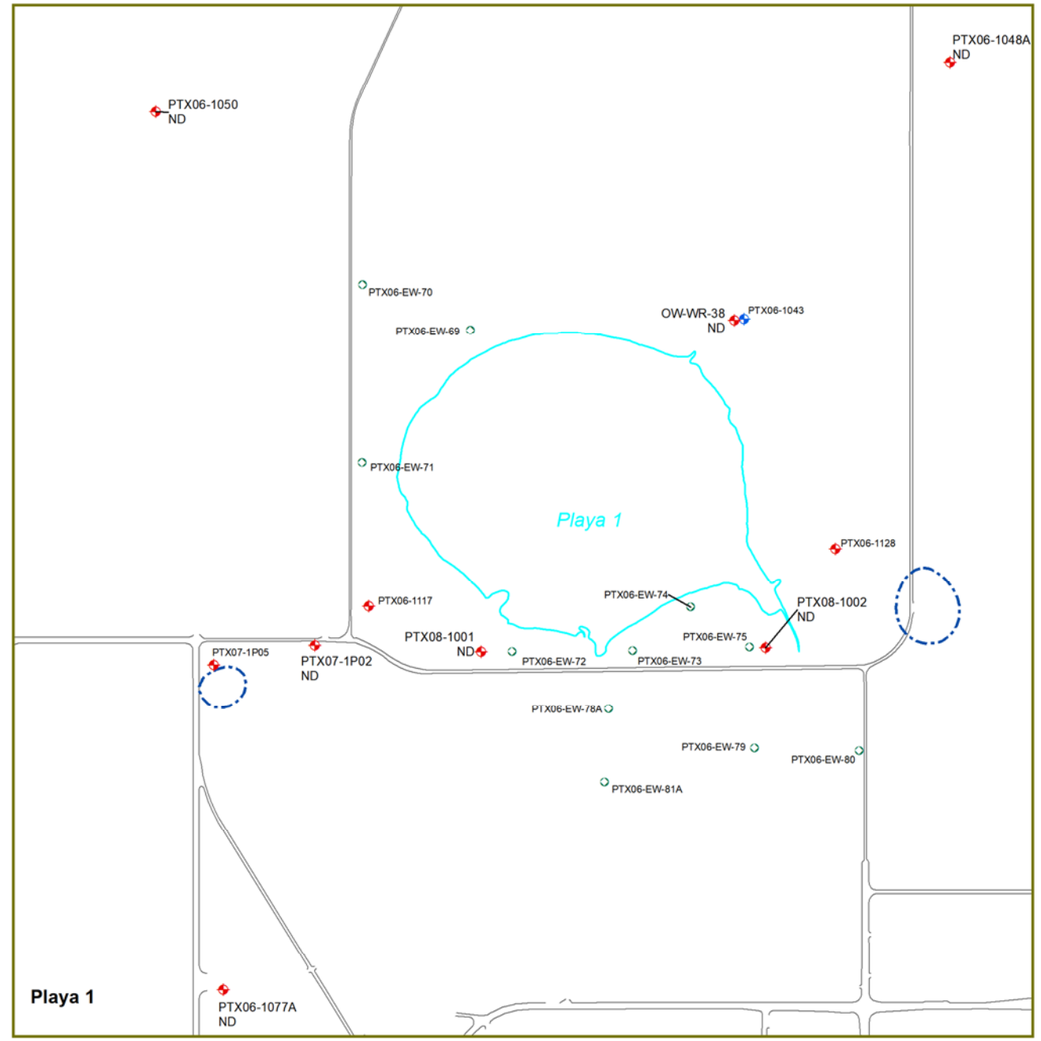
PTX06-ISB021
PTX06-ISB030B
PTX06-ISB036
PTX06-MEW402
PTX06-MEW401





Legend

Perched Wells
- Point of Compliance
- Monitoring
- Undeveloped Monitoring
- Dry
- Extraction
- Injection
- Treatment Zone Monitoring
- In Situ Performance Monitoring
- In Situ Bioremediation
- ISB Extraction

Ogallala Wells
- Monitoring
- Pantex Water Supply
- Point of Exposure
- Point of Compliance
- Approximate Extent of Perched Saturation
- USDOE/NNSA Property
- Playas

Vinyl Chloride Isoconcentrations
- 2 µg/L
- Area under ISB Influence

Groundwater Action Levels
PQL = 1 µg/L
GWPS = 2 µg/L

N

0 500 1,000 1,500 Feet

Annual Progress Report
USDOE/NNSA Pantex Plant
June 2022

Vinyl Chloride
2021 Annual Maximum
Isoconcentrations
Perched Aquifer Inset Maps

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Appendix G
Well Certifications and Completion Diagrams

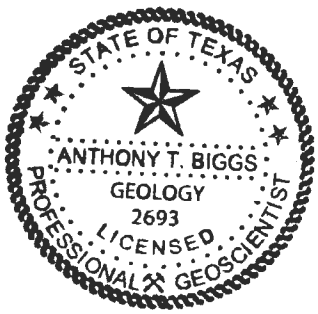
U.S. Department of Energy/National Nuclear Security Administration – Pantex Plant
Amarillo, Texas

Certification of Well Construction
Industrial Solid Waste Registration No. 30459
Hazardous Waste Permit No. 50284
EPA Identification No. TX4890110527

Certification Statement:

This is to certify that the construction of the following facility components authorized or required by Texas Commission On Environmental Quality HW-50284 Provision XI Compliance Plan has been completed, and that construction of said components has been performed in accordance with and in compliance with the design and construction specifications of Provision XI, Compliance Plan Attachment C, of HW-50284:

- Construction of long-term monitoring observation wells PTX06-1211 and PTX06-1212.
- Construction of ISB treatment zone monitoring wells PTX06-1209, PTX06-1210, PTX06-1213, and PTX06-1214.
- Construction of ISB injection wells PTX06-ISB138, PTX06-ISB139, PTX06-ISB140, PTX06-ISB141, PTX06-ISB142, PTX06-ISB143, PTX06-ISB144, PTX06-ISB145, PTX06-ISB146, PTX06-ISB147, PTX06-ISB148, PTX06-ISB149, PTX06-ISB150, PTX06-ISB151, PTX06-ISB152, PTX06-ISB153, PTX06-ISB154, PTX06-ISB155, PTX06-ISB156, PTX06-ISB157, PTX06-ISB158, PTX06-ISB159, PTX06-ISB160, PTX06-ISB161, PTX06-ISB162, PTX06-ISB163, PTX06-ISB166A, PTX06-ISB167, PTX06-ISB168, PTX06-ISB169, PTX06-ISB170, PTX06-ISB330, PTX06-ISB331, PTX06-ISB417, PTX06-ISB418, and PTX06-ISB419.
- Construction of mobile pump and treat wells PTX06-MEW404 and PTX06-MEW405.
- Construction of pump and treat injection wells PTX06-INJ-13, PTX06-INJ-14, and PTX06-INJ-15.



AT Biggs 5-31-2022

Tony Biggs Date

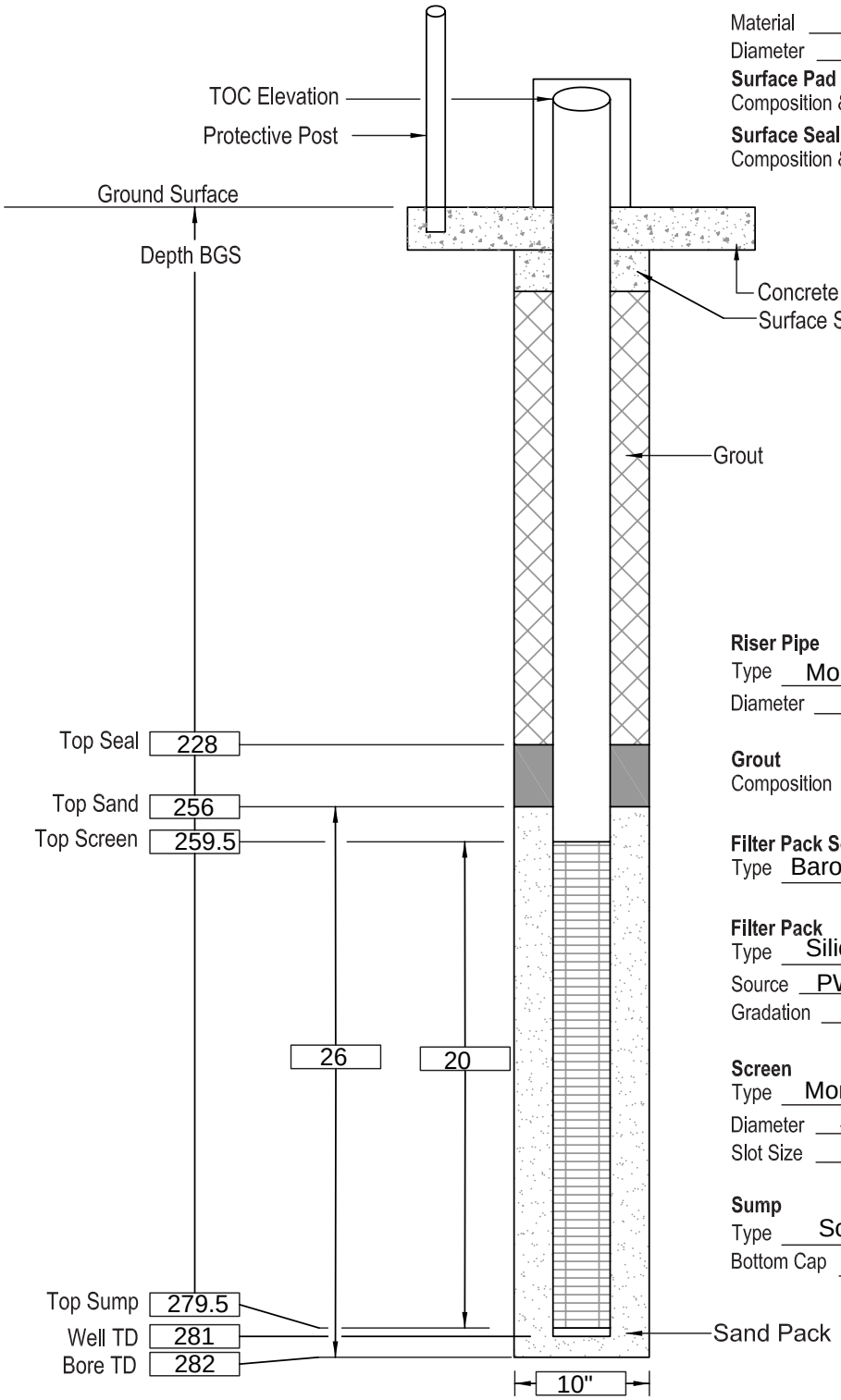
Licensed Professional Geologist No. 2693
Environmental Projects
Consolidated Nuclear Security, LLC

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755297.21 E635358.50
TOC Elevation: 3539.27
Surface Elevation: 3537.23

Well No: PTX06-1211
Well Type: Perched Monitoring
Date Constructed: 08-22-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 12--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

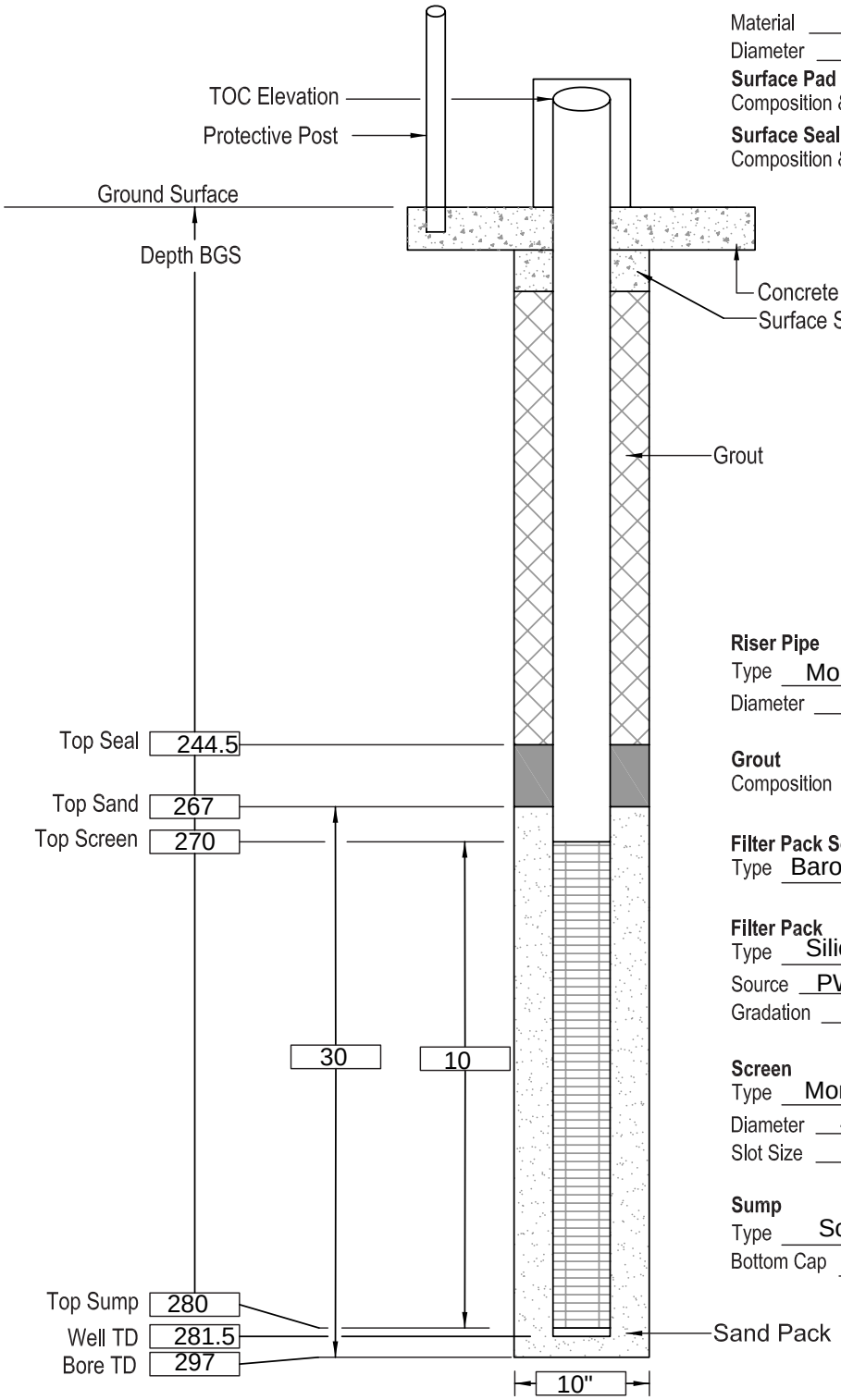
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Texas Tech
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3753016.03 E640166.01
TOC Elevation: 3532.74
Surface Elevation: 3530.62

Well No: PTX06-1212
Well Type: Perched Monitoring
Date Constructed: 08-29-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 10--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

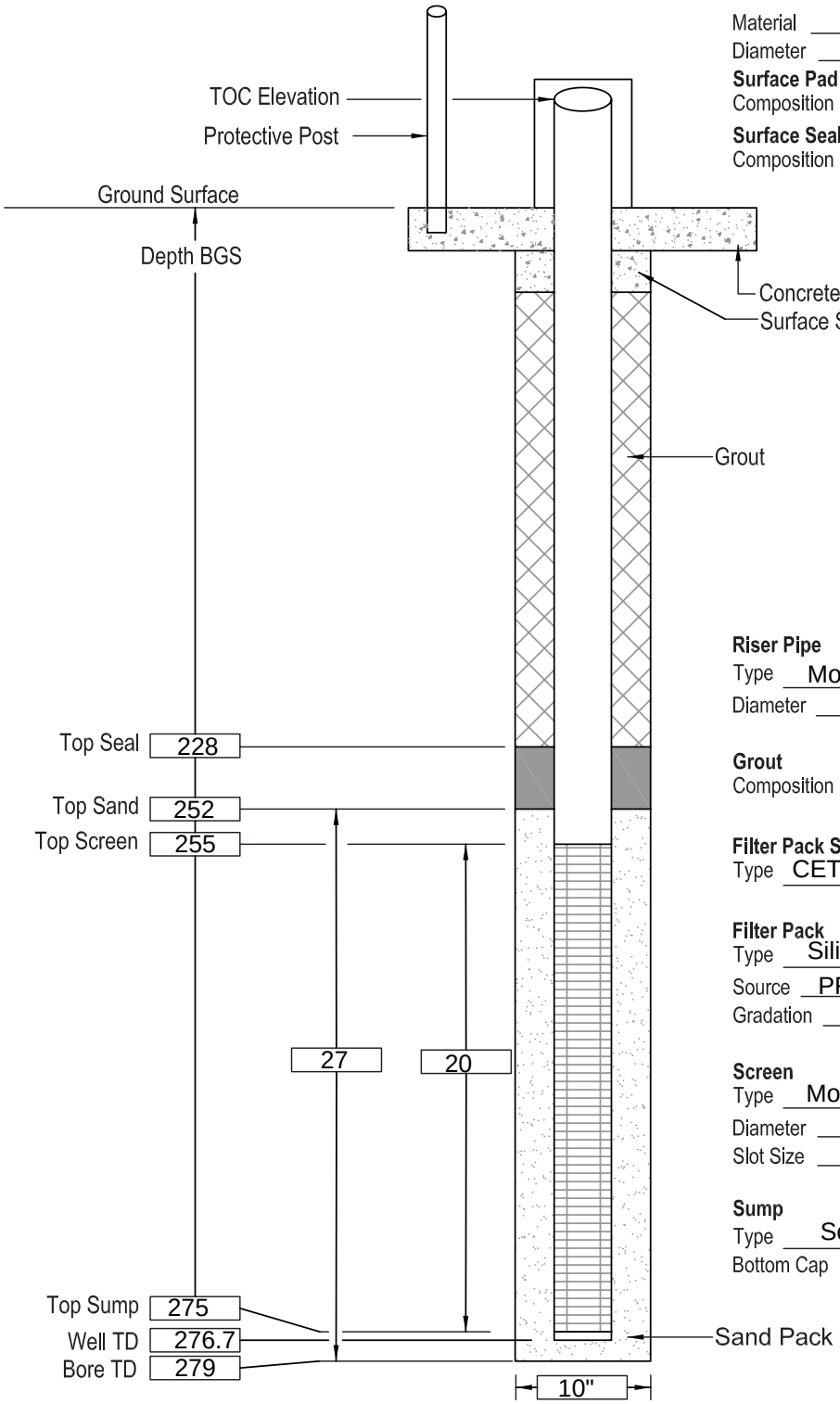
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded. Note: Bottom of boring was backfilled with bentonite chips from 297' to 283' prior to well construction.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755062.45 E635261.12
TOC Elevation: 3541.18
Surface Elevation: 3537.21

Well No: PTX06-1209
Well Type: Perched Monitoring
Date Constructed: 08-19 + 08-20-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: CETCO "Pure Gold" Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PFS Aggregates, Voca, TX
Gradation: 10--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

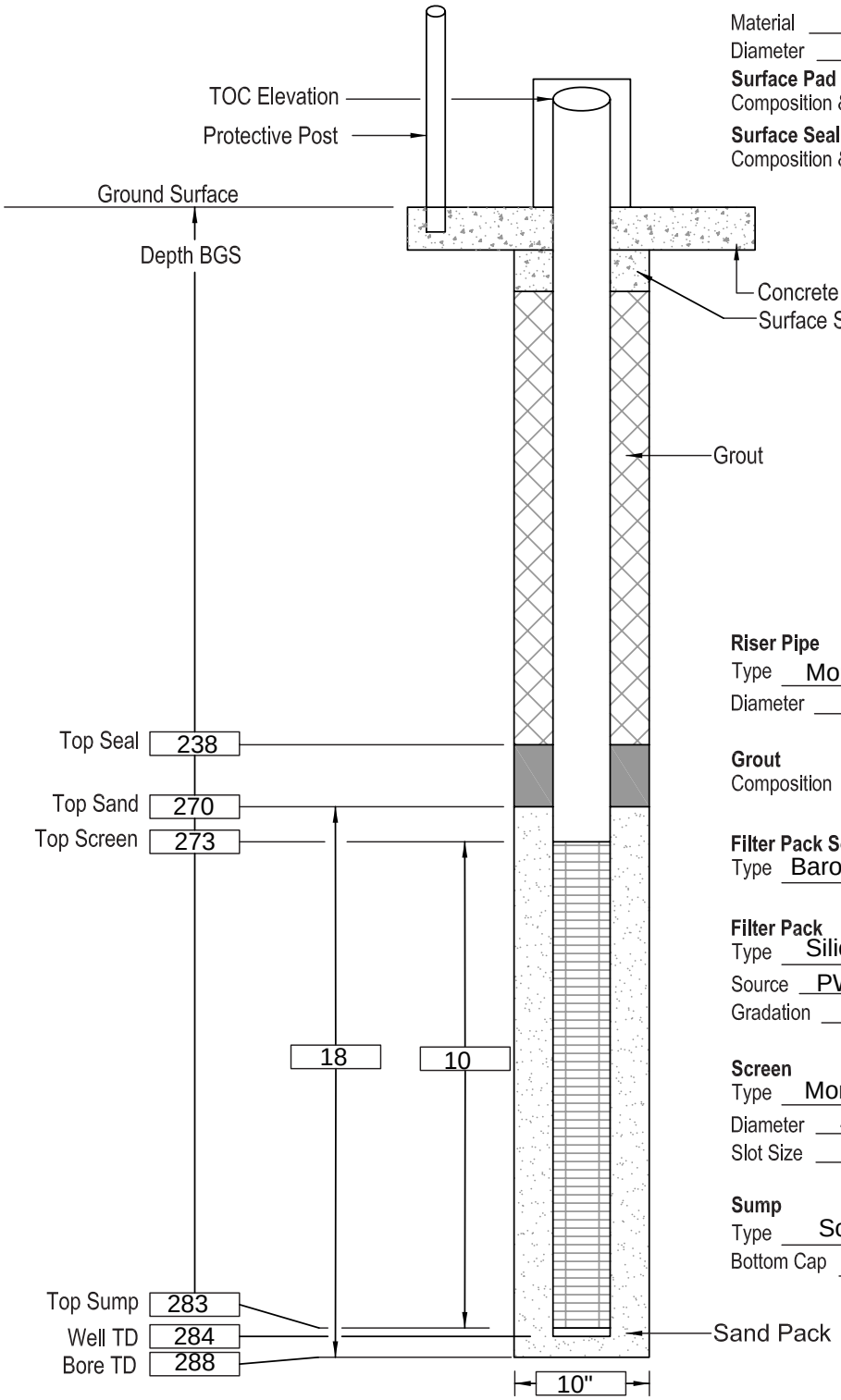
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: SE ISB Extension
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750845.56 E67847.08
TOC Elevation: 3516.39
Surface Elevation: 3514.28

Well No: PTX06-1213
Well Type: Perched Monitoring
Date Constructed: 09-22-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 12--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

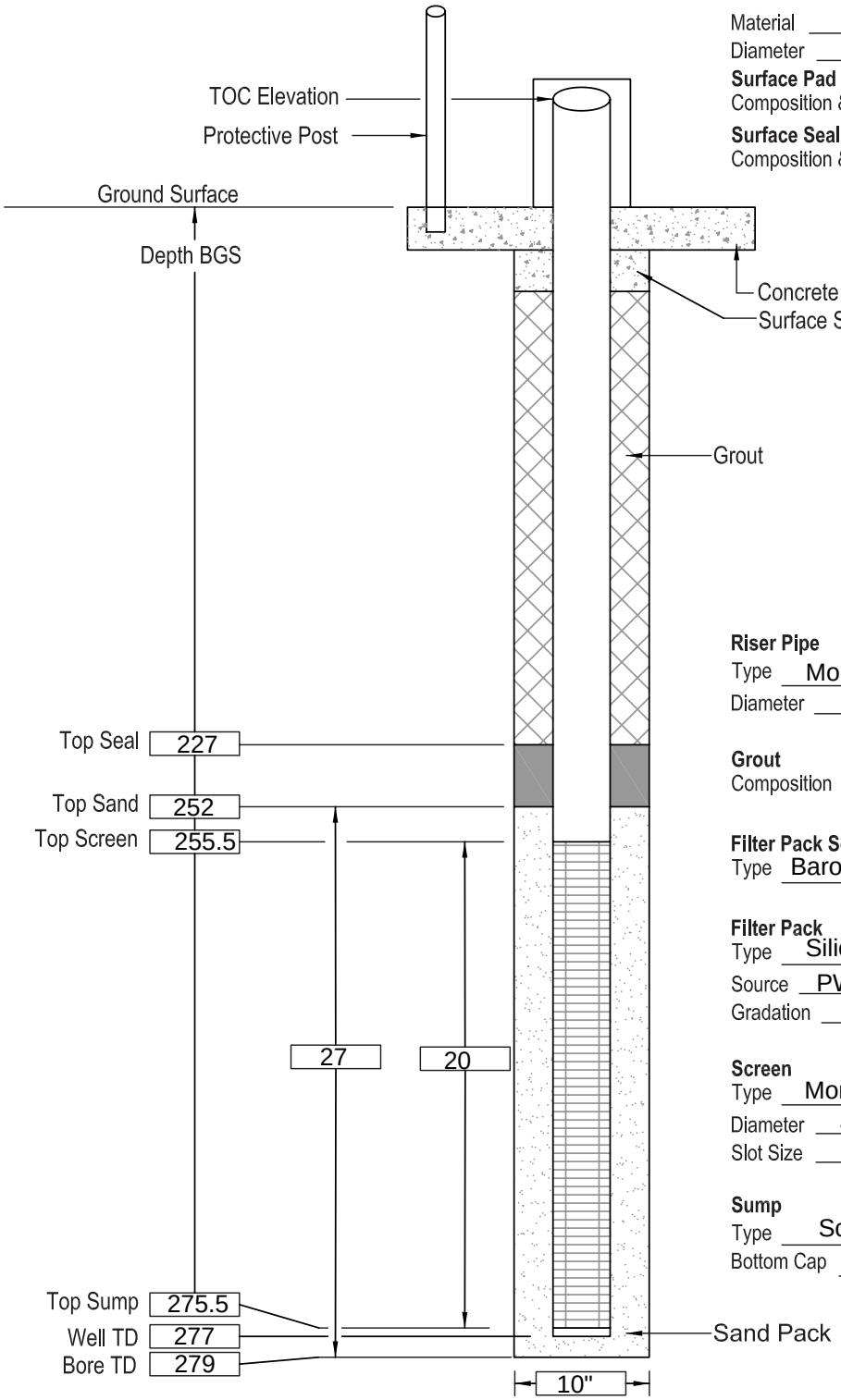
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755042.86 E635995.51
TOC Elevation: 3534.31
Surface Elevation: 3532.21

Well No: PTX06-1210
Well Type: Perched Monitoring
Date Constructed: 08-24-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 10--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

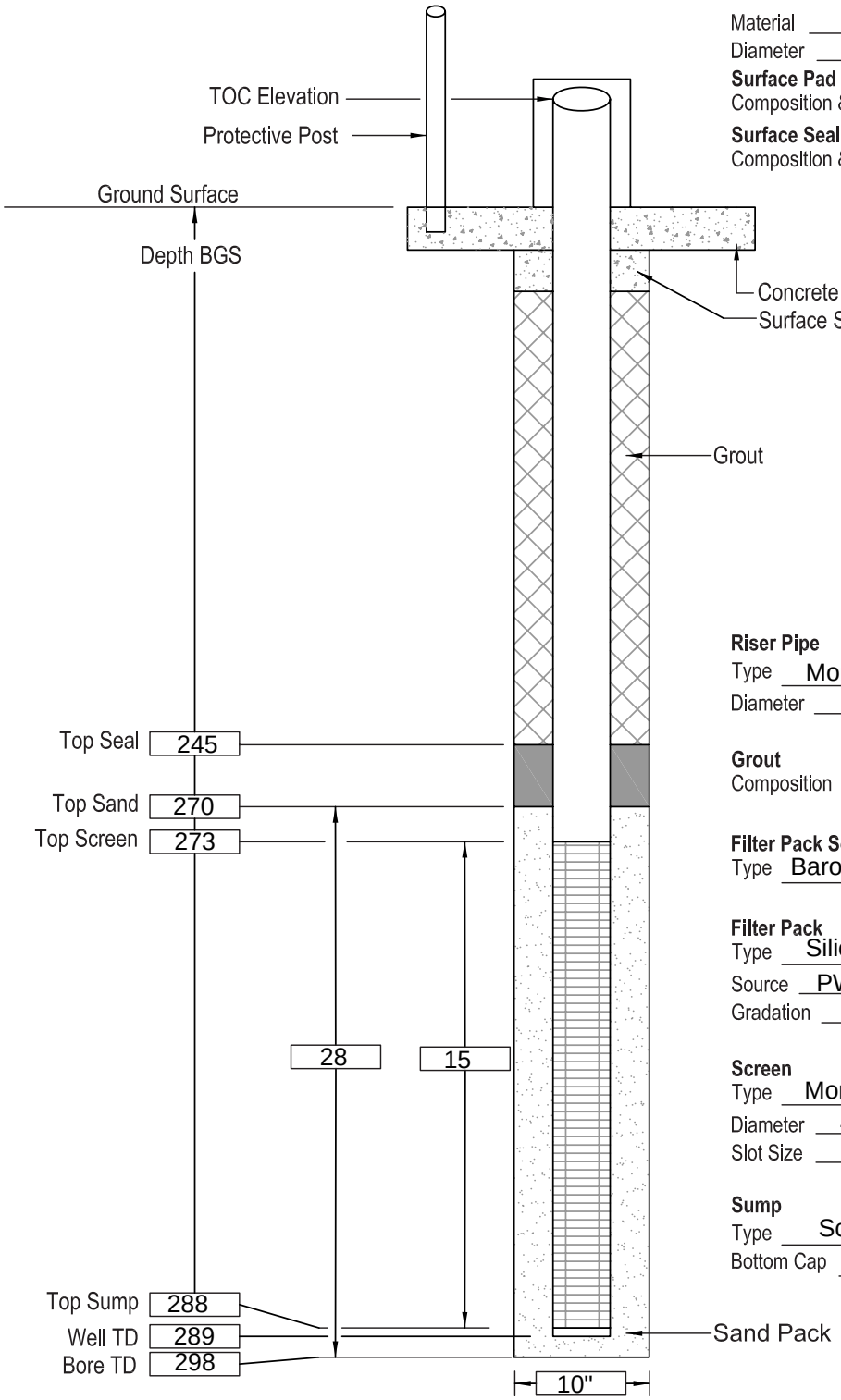
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: SE ISB Extension
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3751106.97 E648550.59
TOC Elevation: 3516.87
Surface Elevation: 3514.82

Well No: PTX06-1214
Well Type: Perched Monitoring
Date Constructed: 09-24-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 12--20

Screen
Type: Monoflex Schedule 80 PVC
Diameter: 4-inch
Slot Size: 0.010

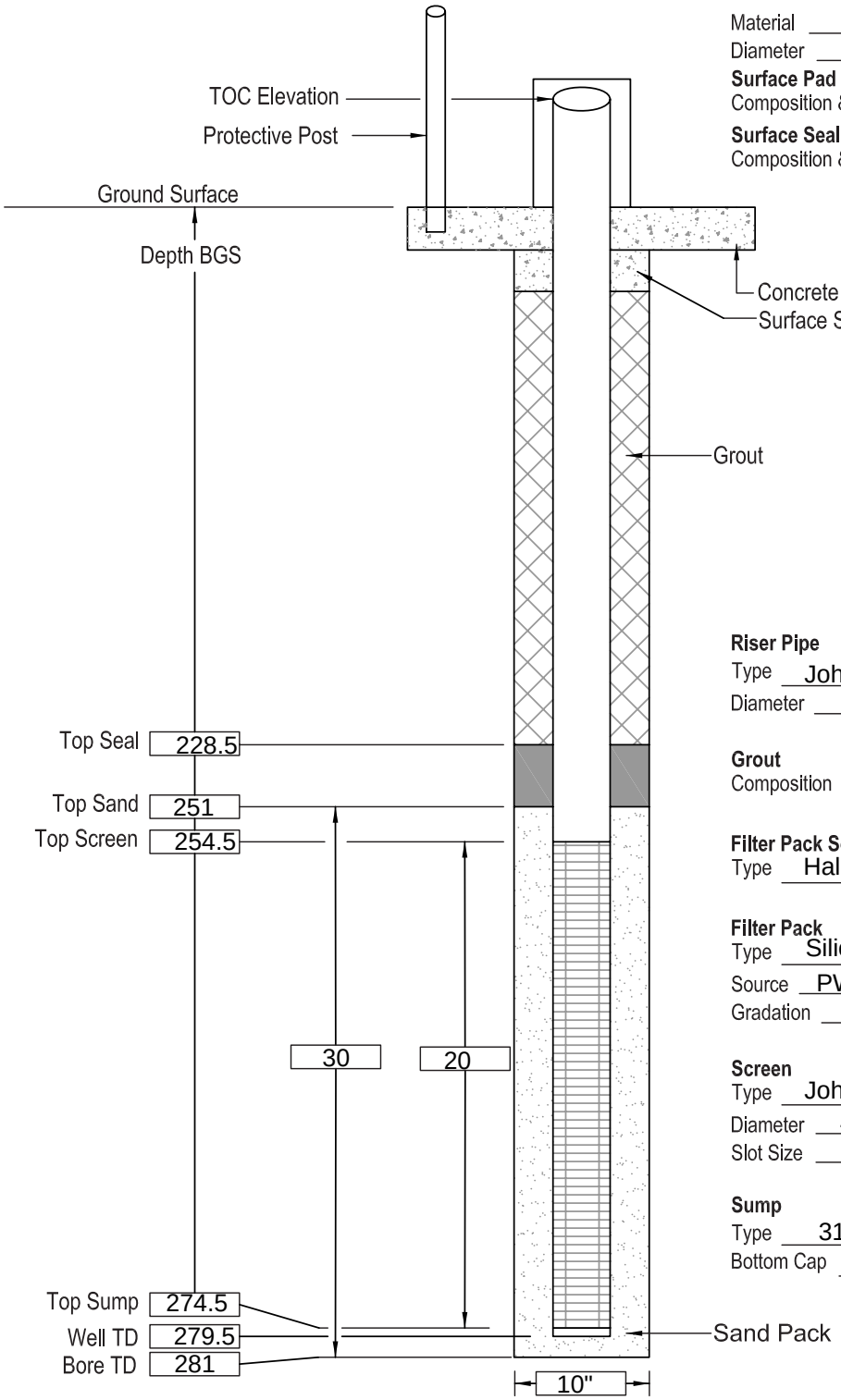
Sump
Type: Schedule 80 PVC
Bottom Cap: 1' Length - Threaded. Note: Bottom of boring was backfilled with bentonite chips from 298' to 294' prior to well construction.

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755137.30 E635675.44
TOC Elevation: 3536.56
Surface Elevation: 3534.45

Well No: PTX06-ISB138
Well Type: Injection
Date Constructed: 08-07 + -08-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

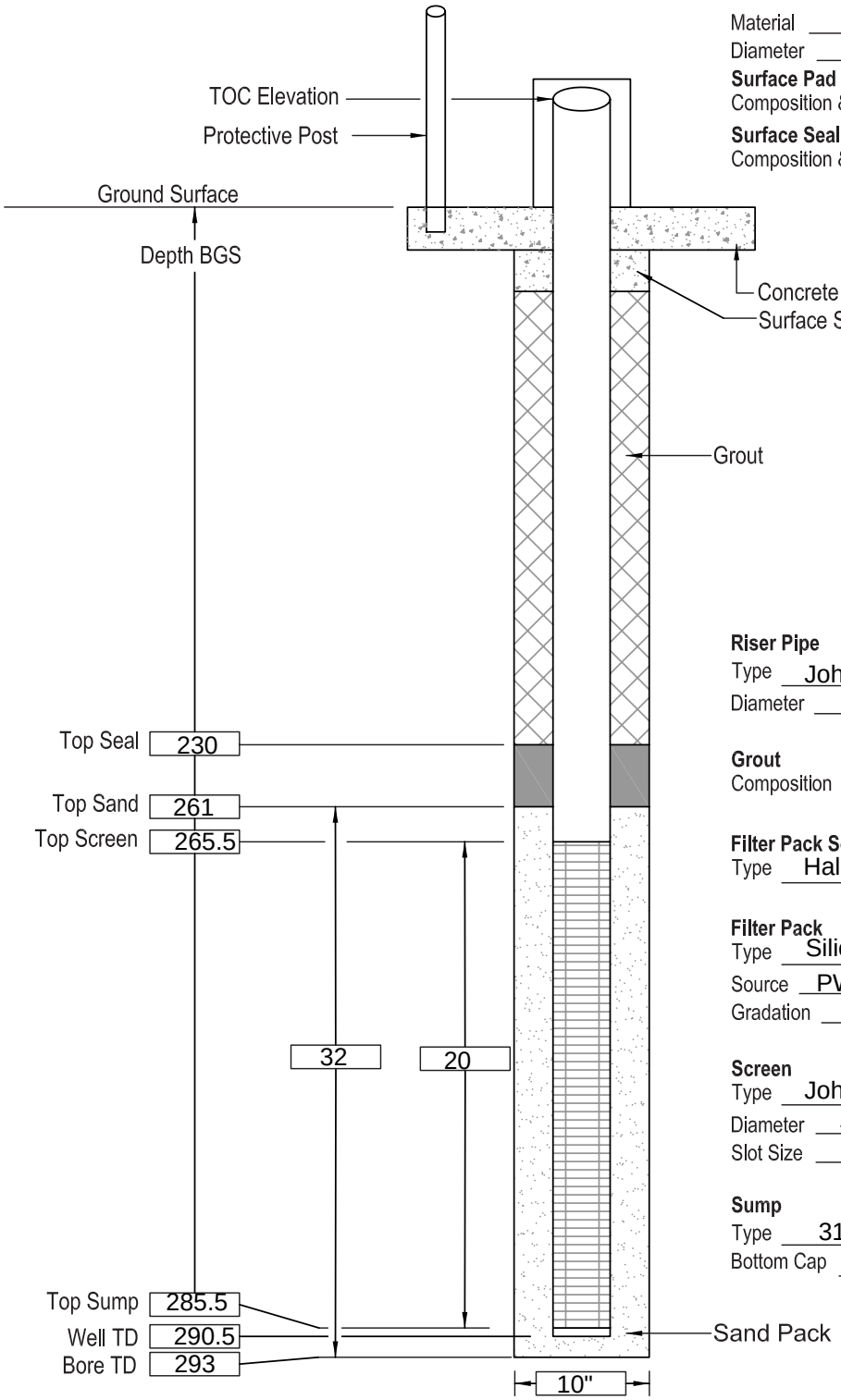
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755195.02 E635005.52
TOC Elevation: 3539.38
Surface Elevation: 3537.36

Well No: PTX06-ISB139
Well Type: Injection
Date Constructed: 04-23 + -24-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

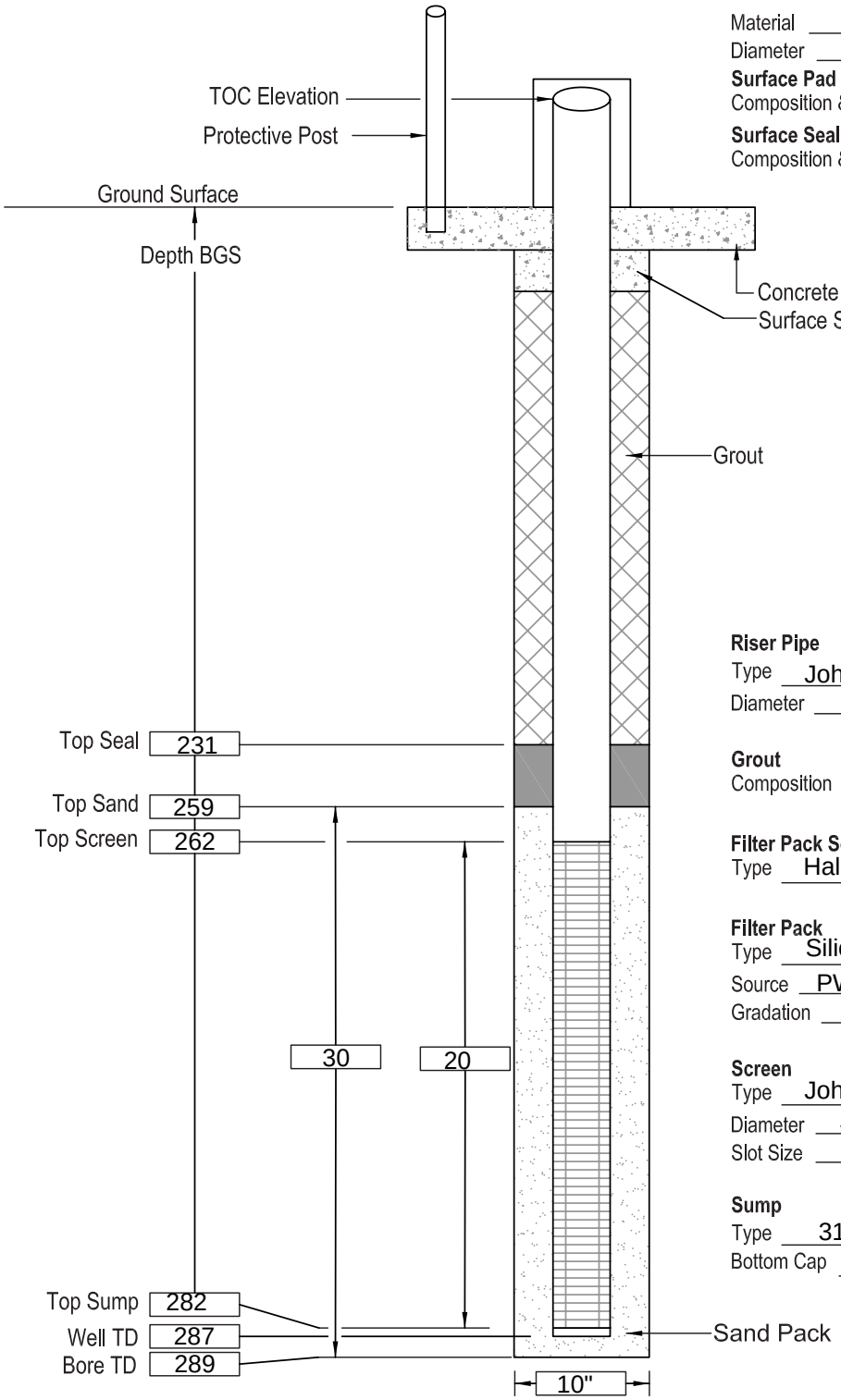
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755174.17 E635051.38
TOC Elevation: 3538.67
Surface Elevation: 3536.65

Well No: PTX06-ISB140
Well Type: Injection
Date Constructed: 04-26 + -27-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

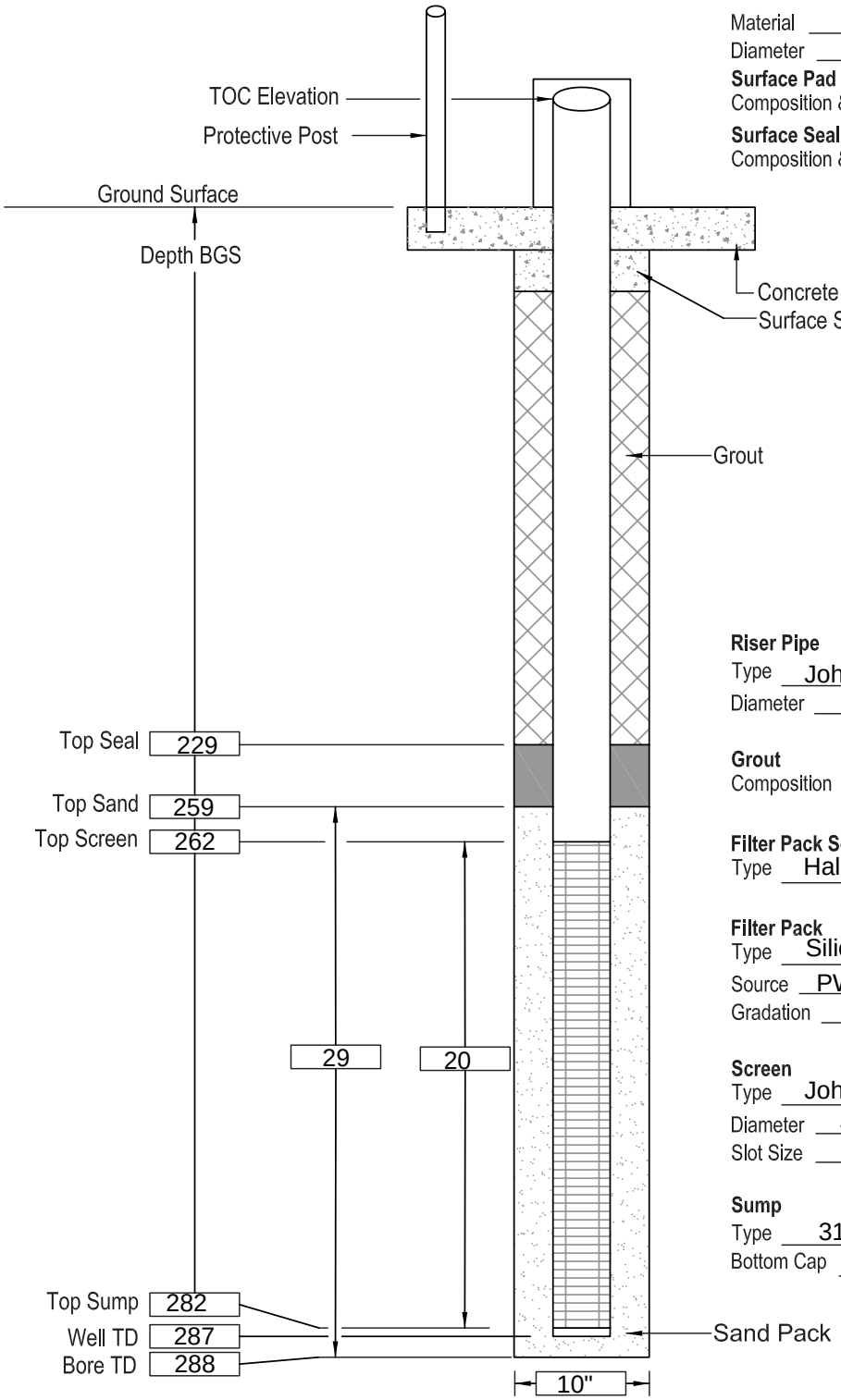
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755145.85 E635088.36
TOC Elevation: 3538.49
Surface Elevation: 3536.48

Well No: PTX06-ISB141
Well Type: Injection
Date Constructed: 05-05 + 05-06-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

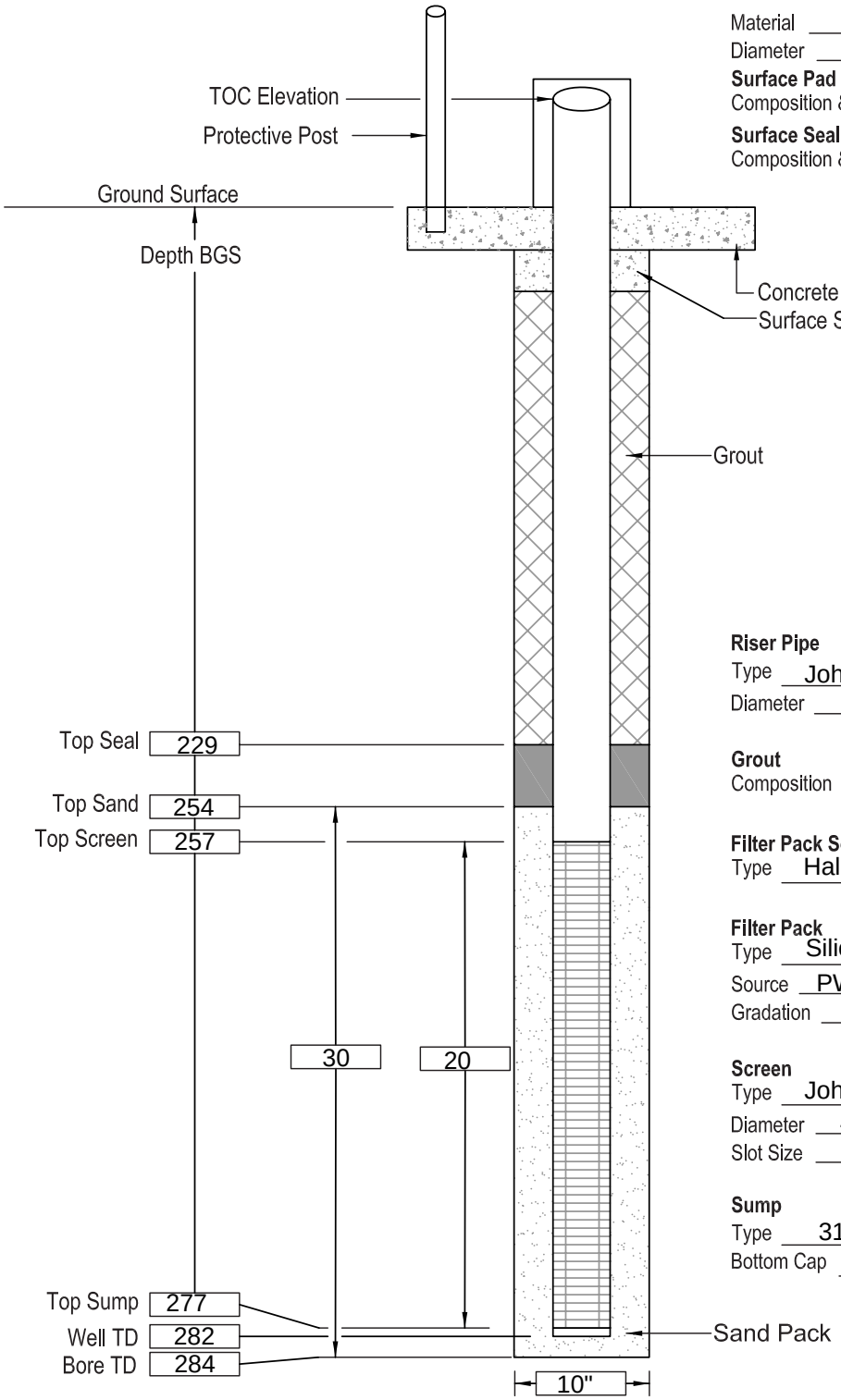
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755139.11 E635143.73
TOC Elevation: 3538.25
Surface Elevation: 3536.19

Well No: PTX06-ISB142
Well Type: Injection
Date Constructed: 05-07-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

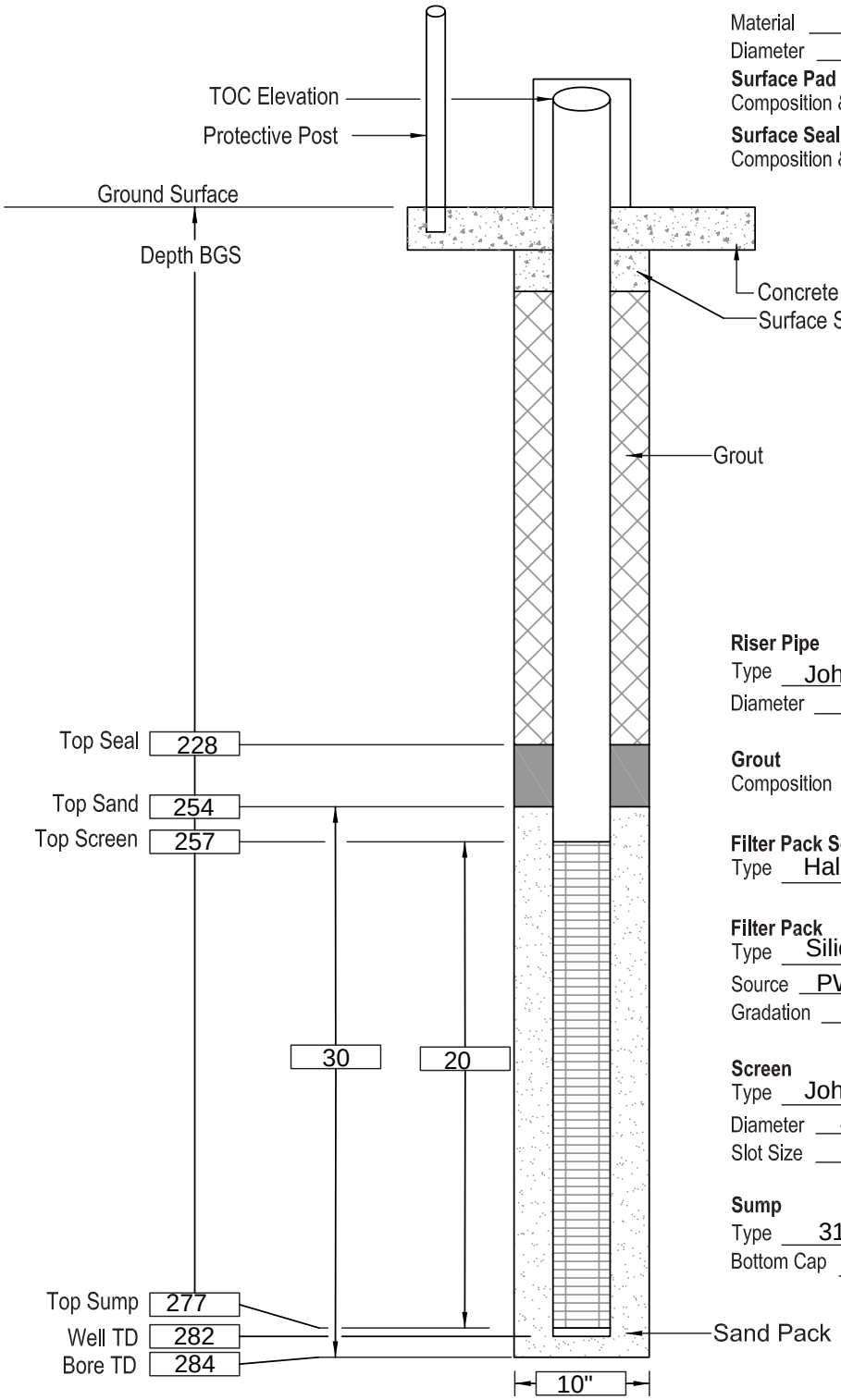
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755074.58 E635180.87
TOC Elevation: 3537.60
Surface Elevation: 3535.49

Well No: PTX06-ISB143
Well Type: Injection
Date Constructed: 05-09-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

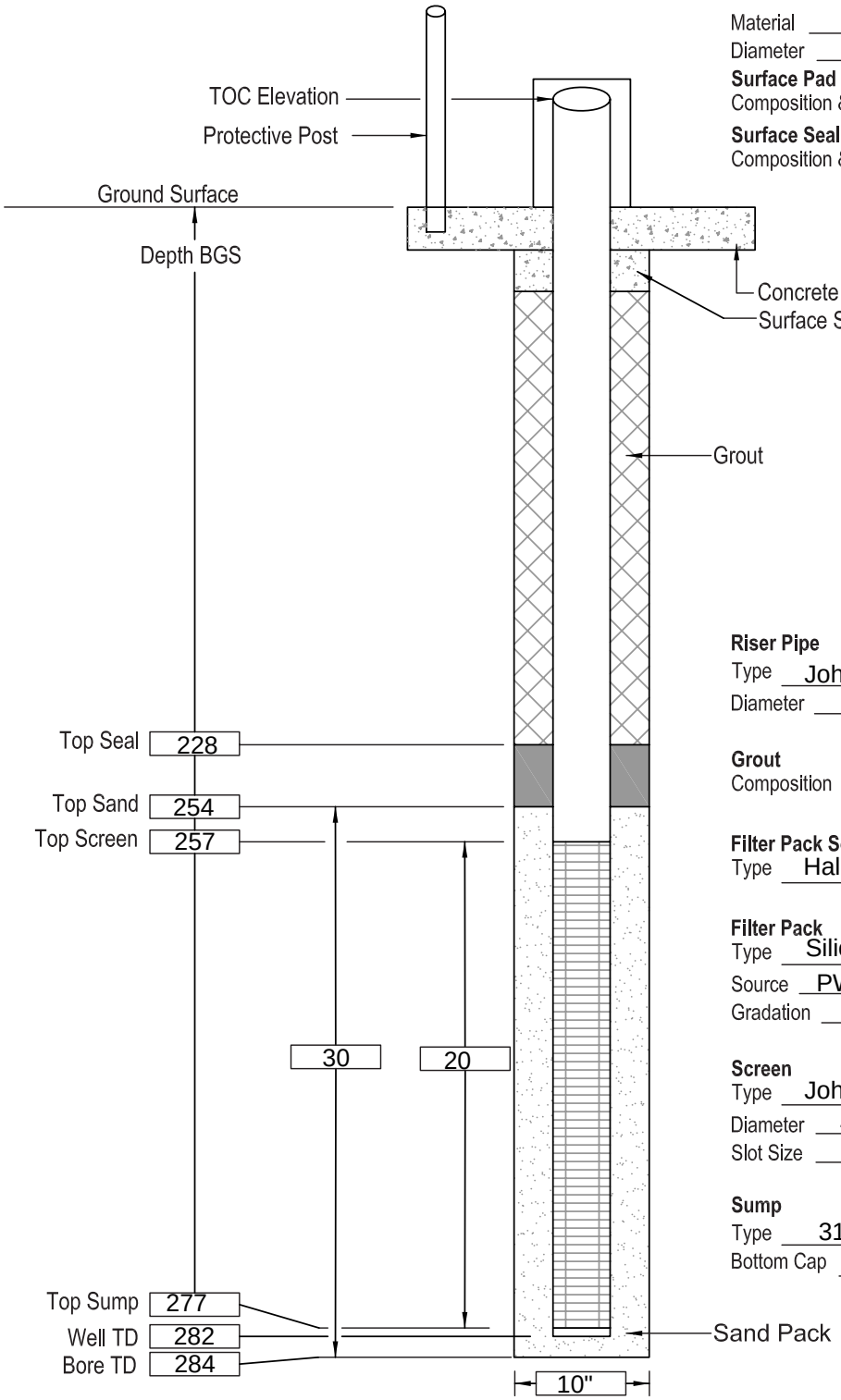
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755075.28 E635241.47
TOC Elevation: 3537.52
Surface Elevation: 3535.34

Well No: PTX06-ISB144
Well Type: Injection
Date Constructed: 05-11-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

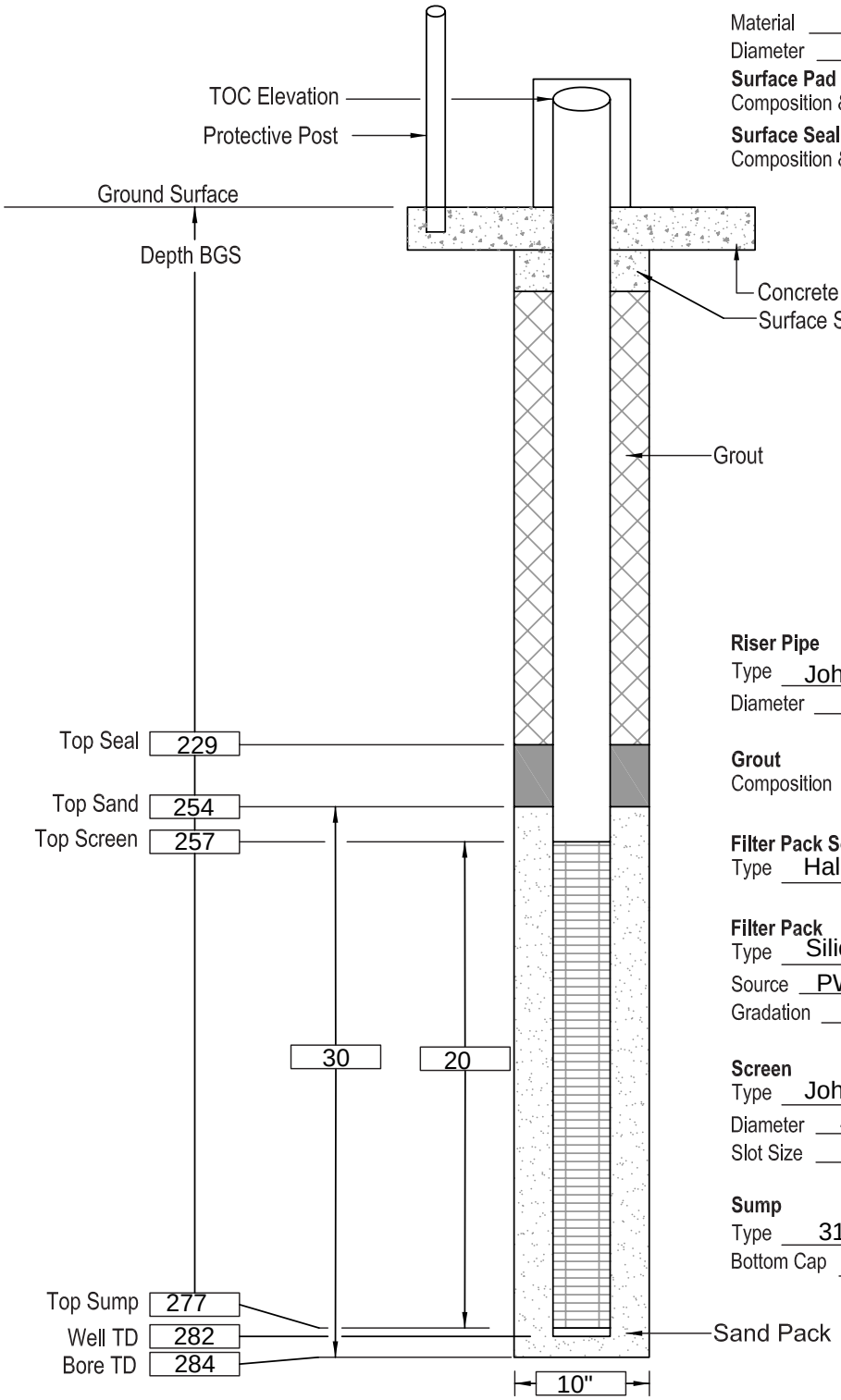
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755057.95 E635296.63
TOC Elevation: 3537.17
Surface Elevation: 3535.17

Well No: PTX06-ISB145
Well Type: Injection
Date Constructed: 06-03 + 06-04-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

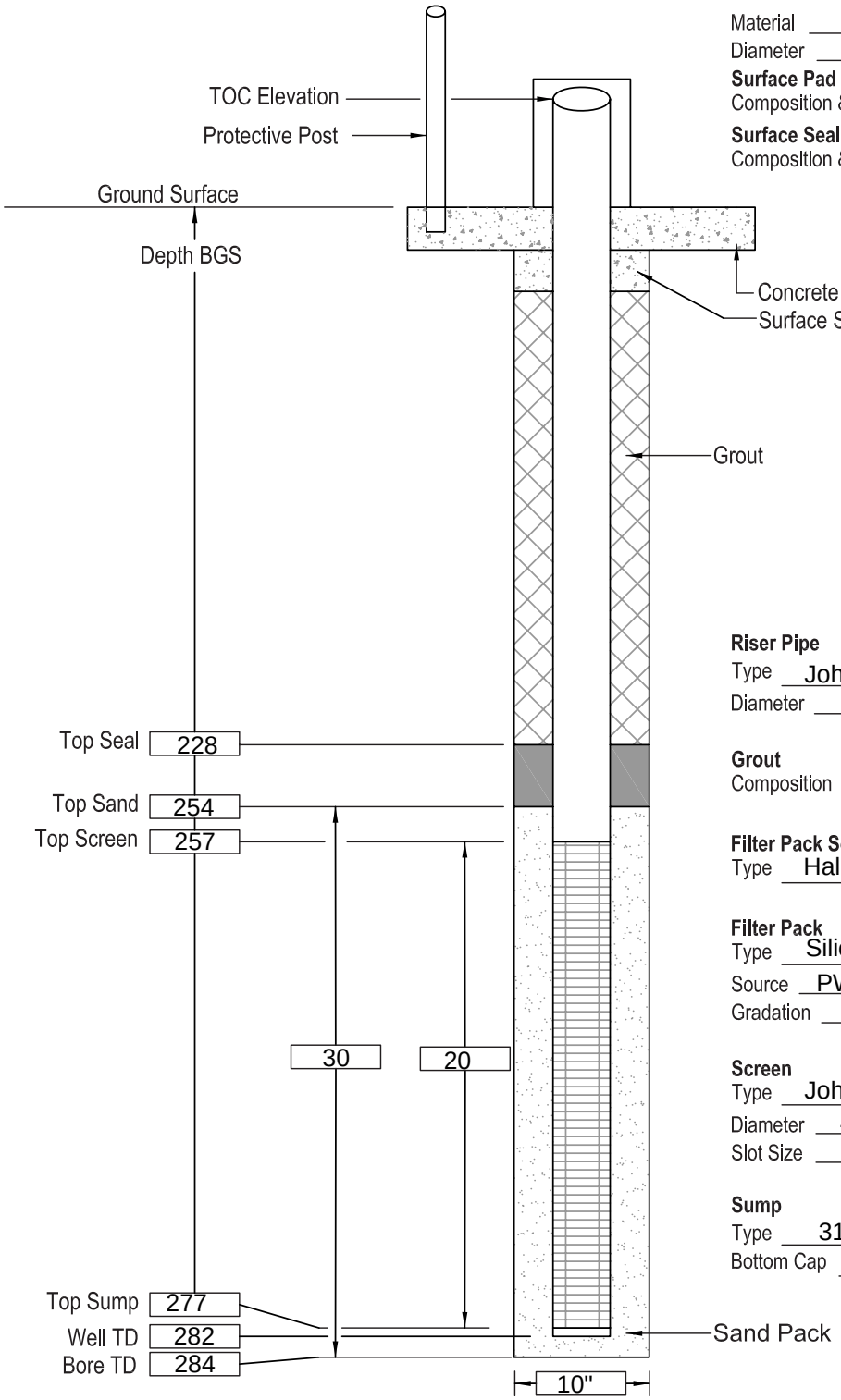
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755036.21 E635344.98
TOC Elevation: 3536.97
Surface Elevation: 3534.92

Well No: PTX06-ISB146
Well Type: Injection
Date Constructed: 05-25-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

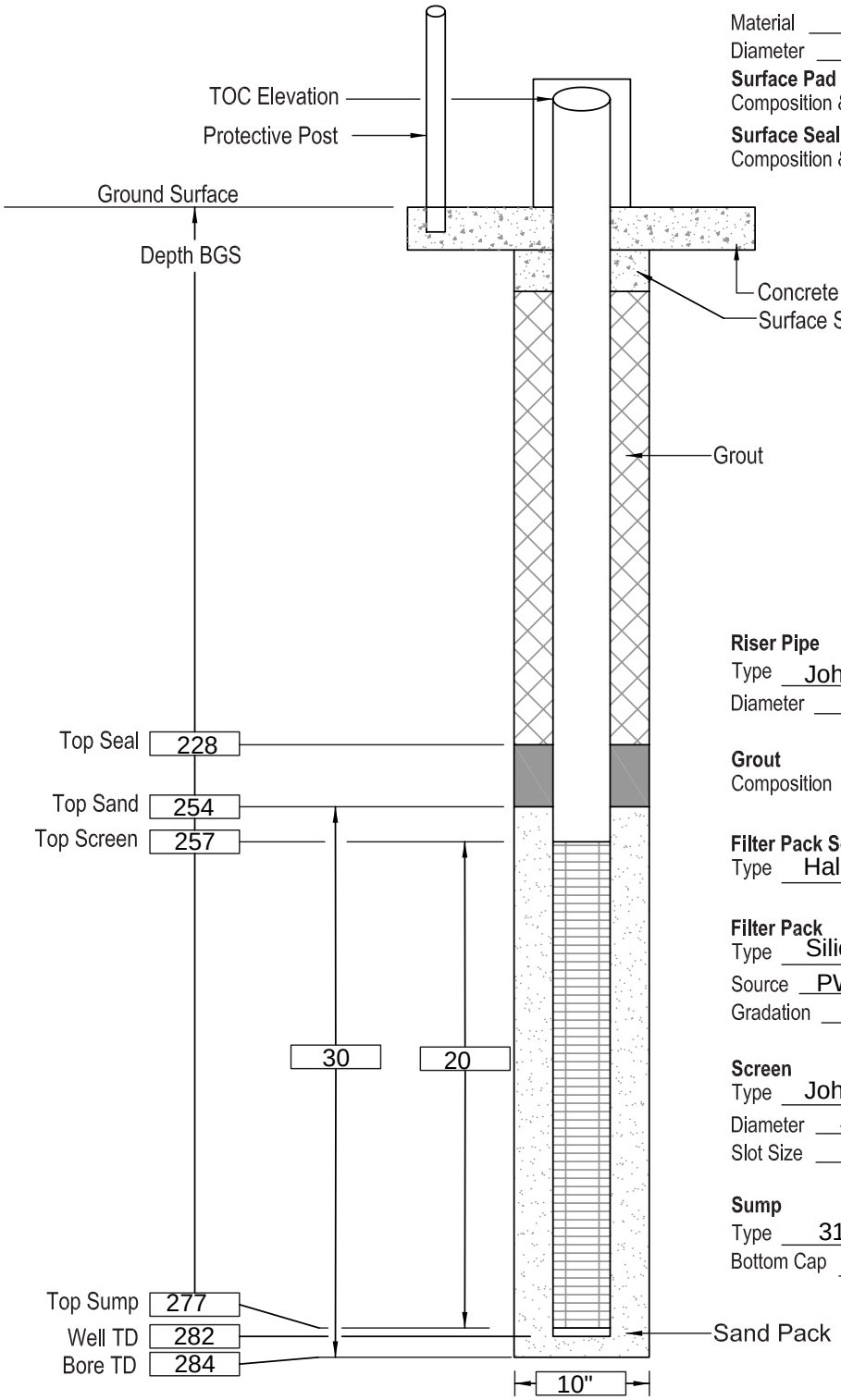
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755074.70 E635384.38
TOC Elevation: 3537.80
Surface Elevation: 3535.70

Well No: PTX06-ISB147
Well Type: Injection
Date Constructed: 06-06-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

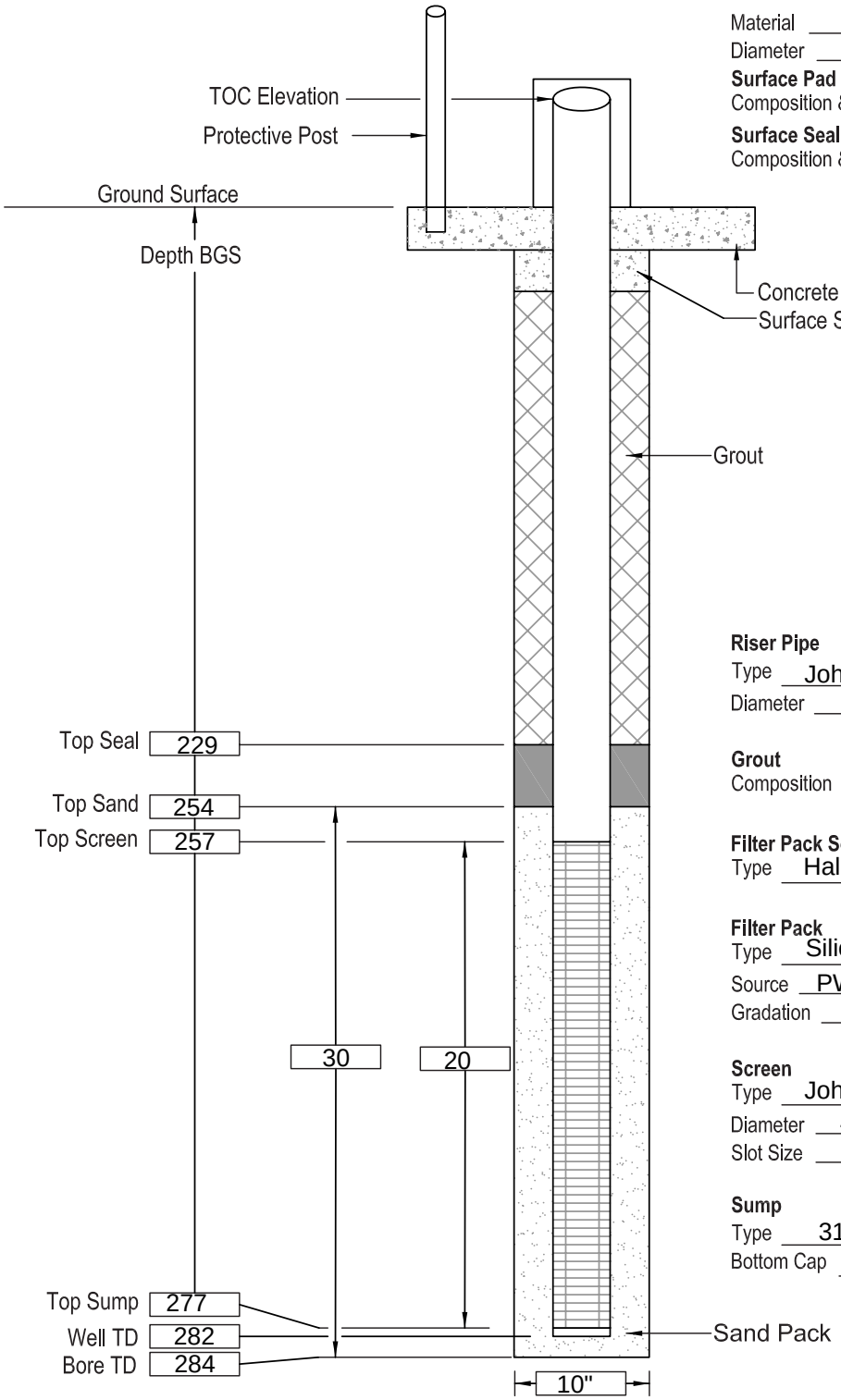
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755043.39 E635445.64
TOC Elevation: 3537.25
Surface Elevation: 3535.18

Well No: PTX06-ISB148
Well Type: Injection
Date Constructed: 06-08-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20 + 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

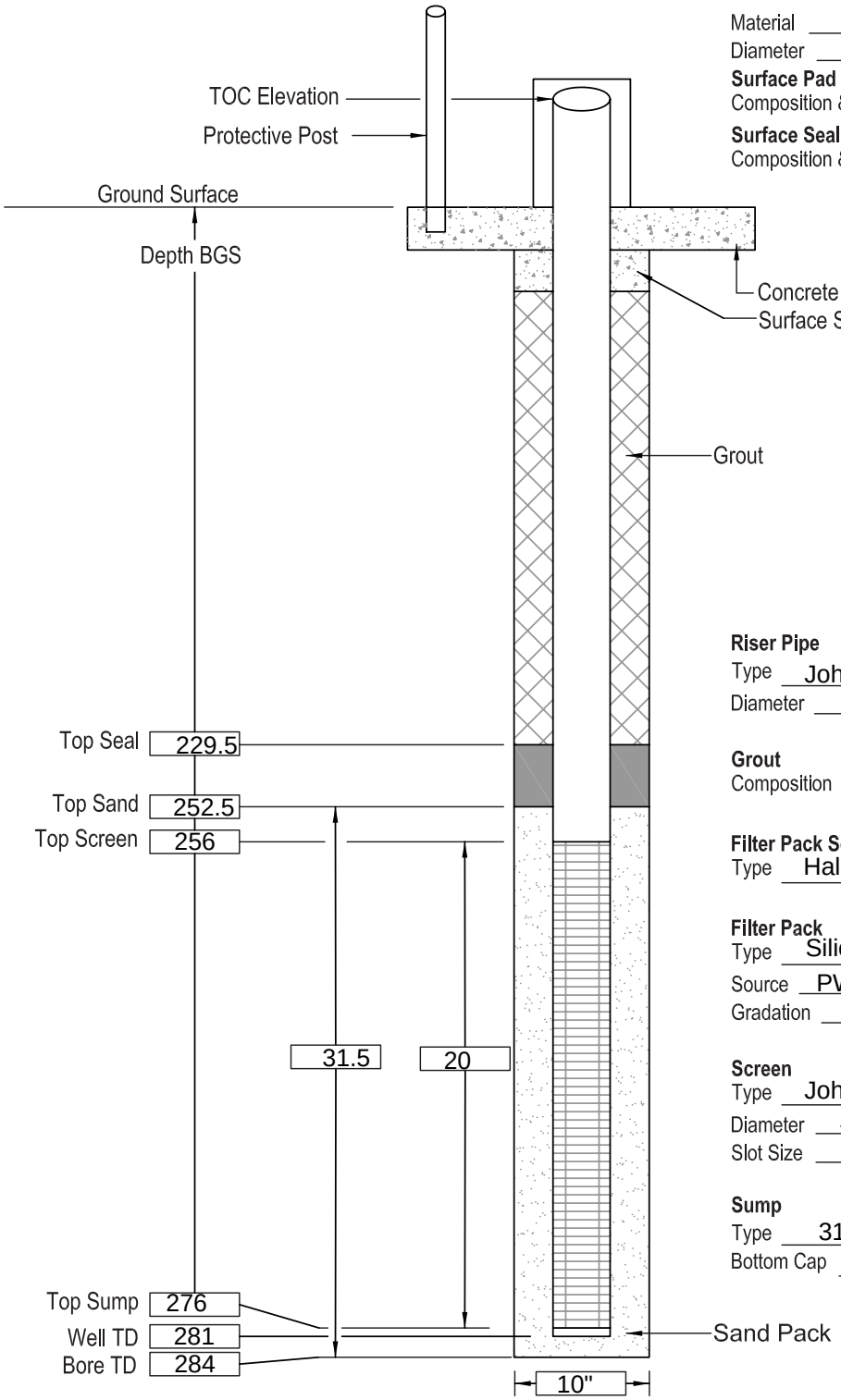
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755035.46 E635508.91
TOC Elevation: 3536.29
Surface Elevation: 3534.19

Well No: PTX06-ISB149
Well Type: Injection
Date Constructed: 06-10-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

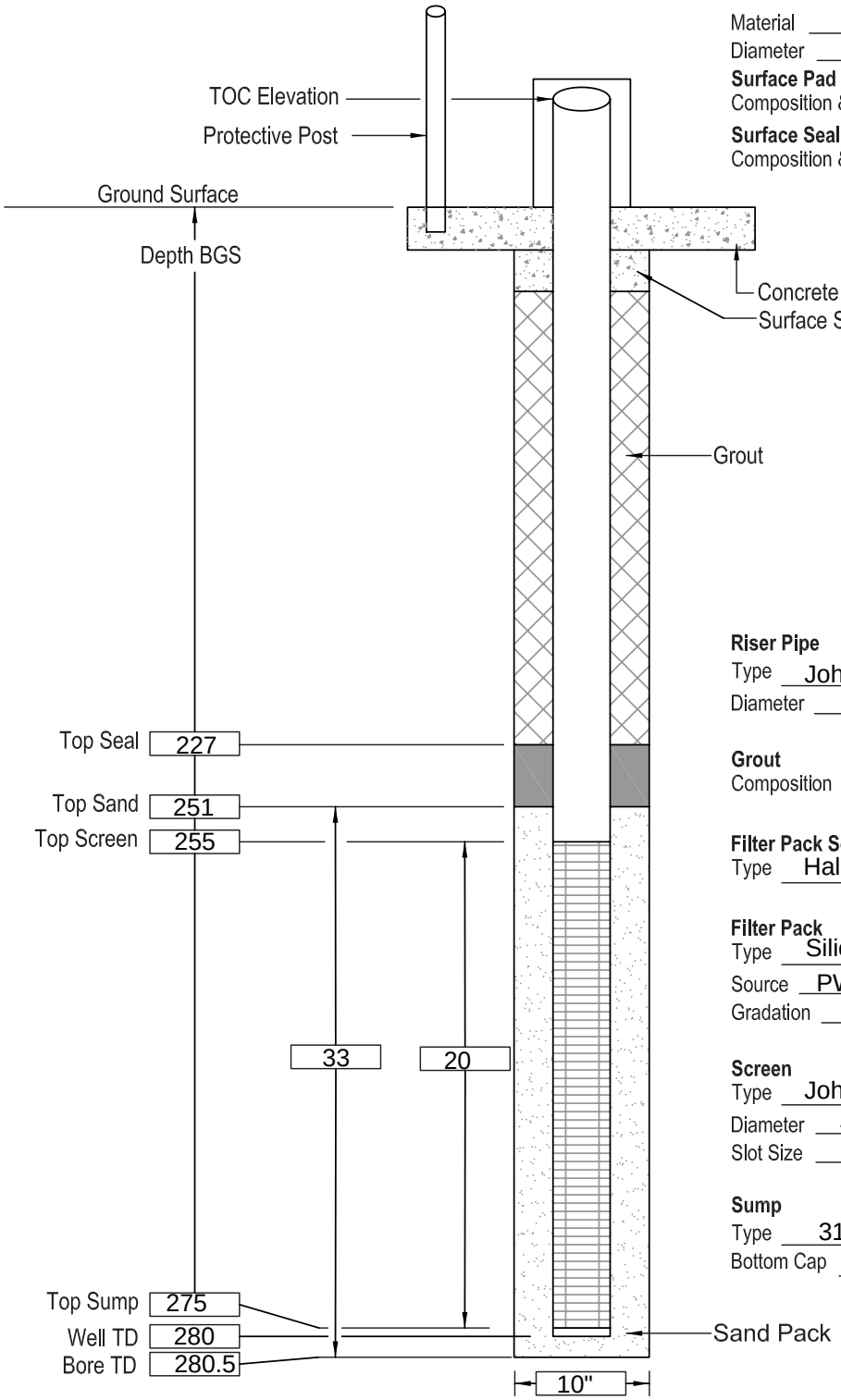
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755034.55 E635585.74
TOC Elevation: 3535.97
Surface Elevation: 3533.87

Well No: PTX06-ISB150
Well Type: Injection
Date Constructed: 06-11 + 06-12-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

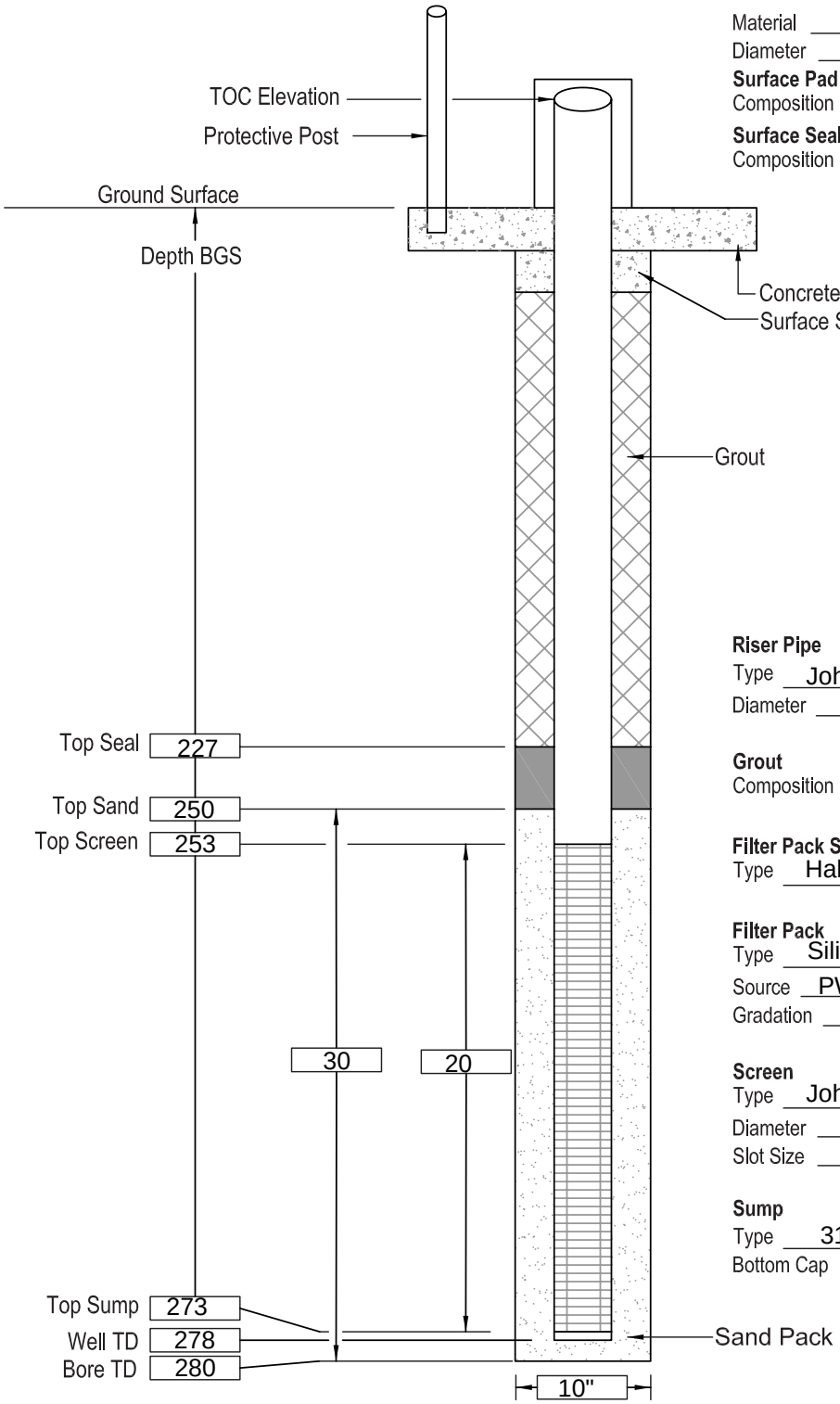
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755038.51 E635675.13
TOC Elevation: 3535.09
Surface Elevation: 3532.99

Well No: PTX06-ISB151
Well Type: Injection
Date Constructed: 06-22-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

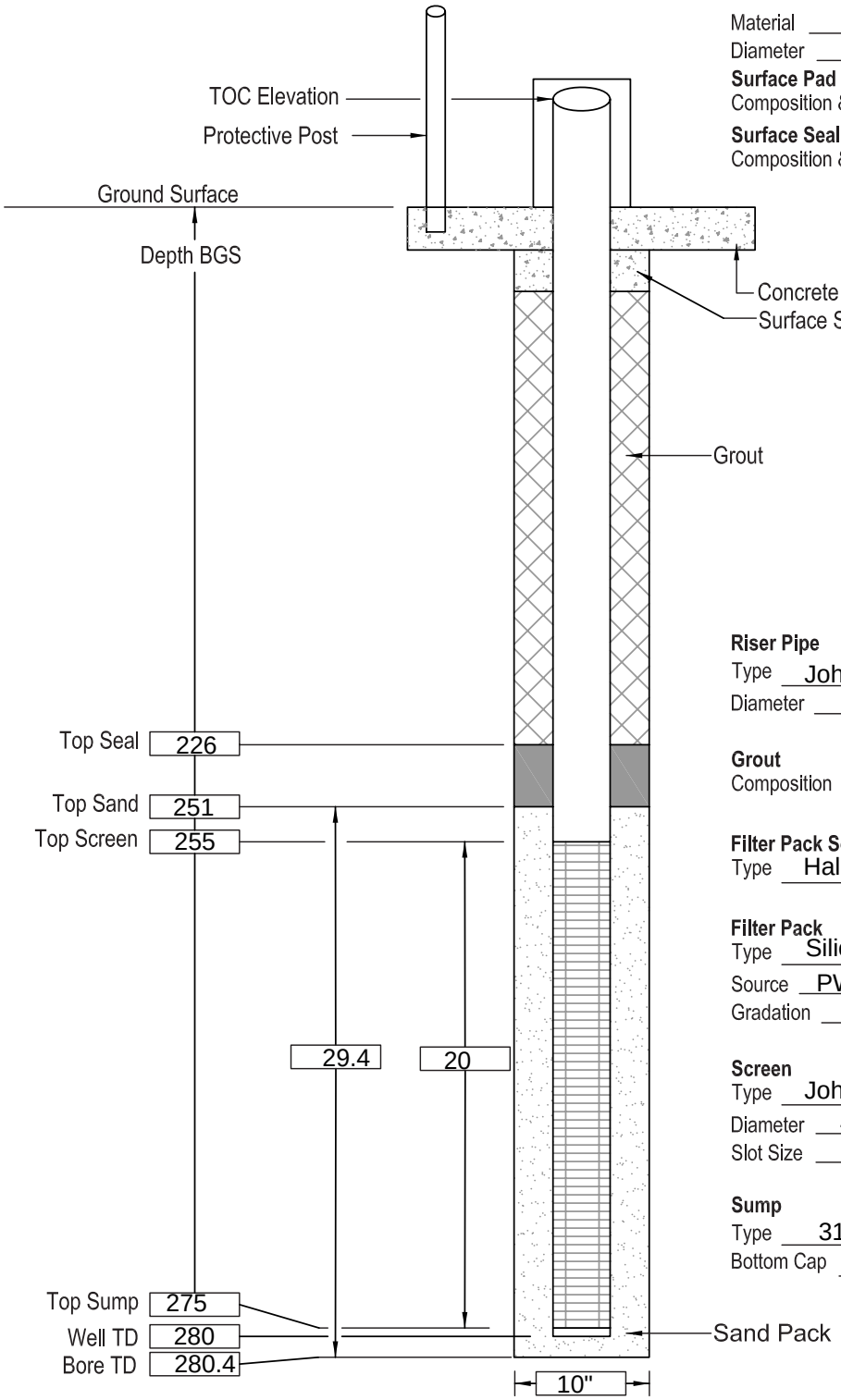
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755102.76 E635784.45
TOC Elevation: 3535.67
Surface Elevation: 3533.58

Well No: PTX06-ISB152
Well Type: Injection
Date Constructed: 08-05-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

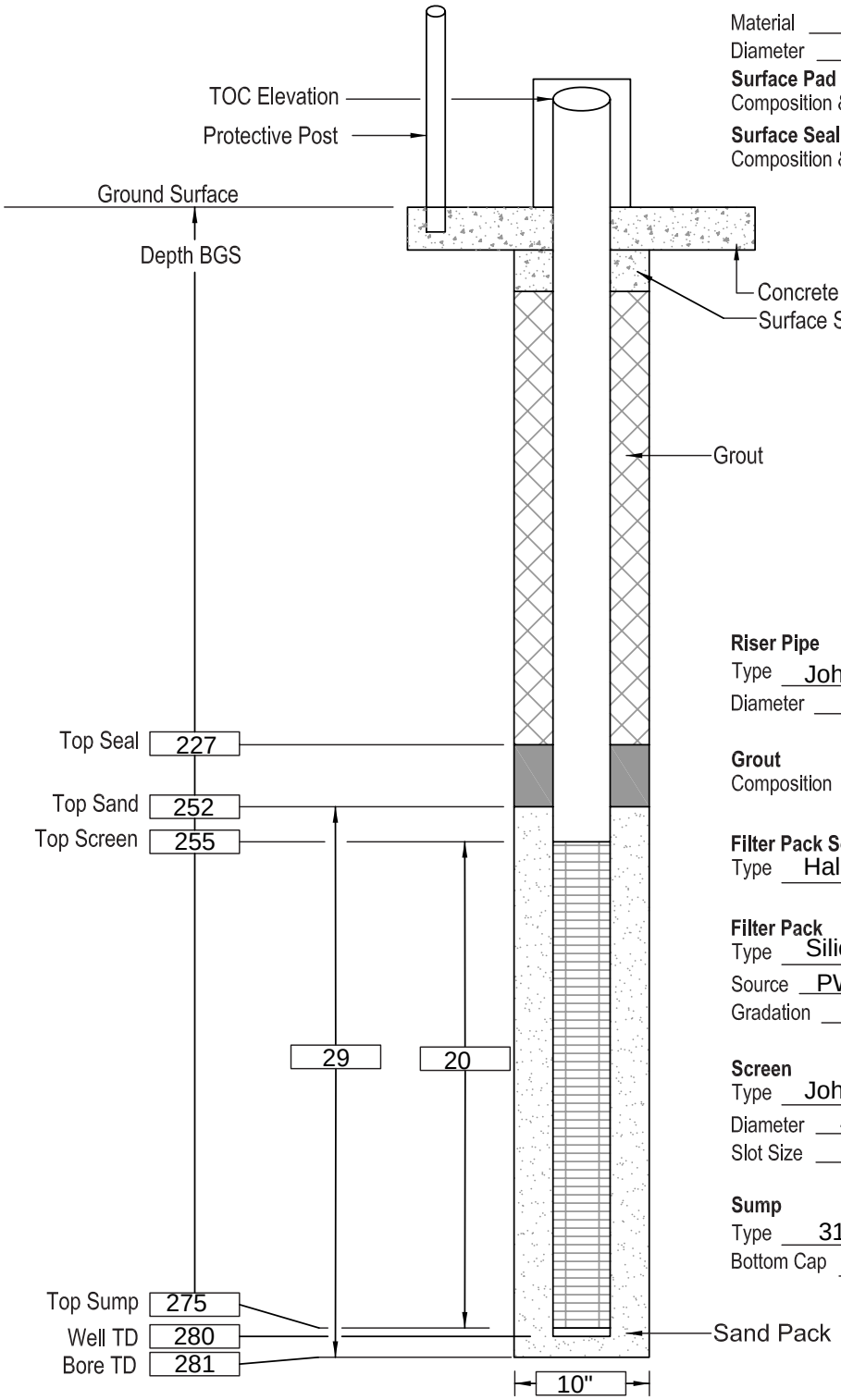
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755095.93 E635835.66
TOC Elevation: 3535.86
Surface Elevation: 3533.73

Well No: PTX06-ISB153
Well Type: Injection
Date Constructed: 07-28-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

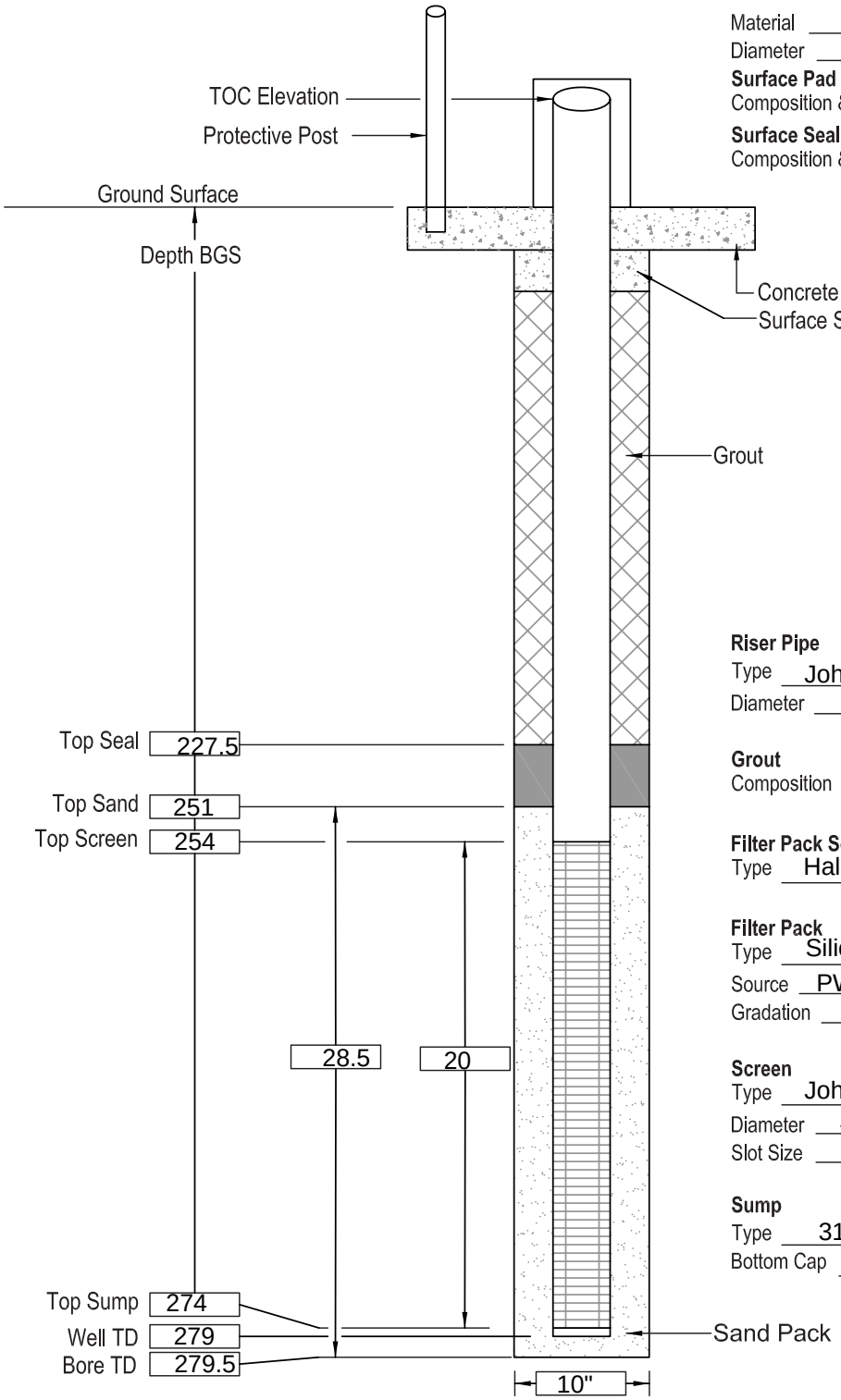
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755039.76 E635885.73
TOC Elevation: 3534.76
Surface Elevation: 3532.61

Well No: PTX06-ISB154
Well Type: Injection
Date Constructed: 06-25-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

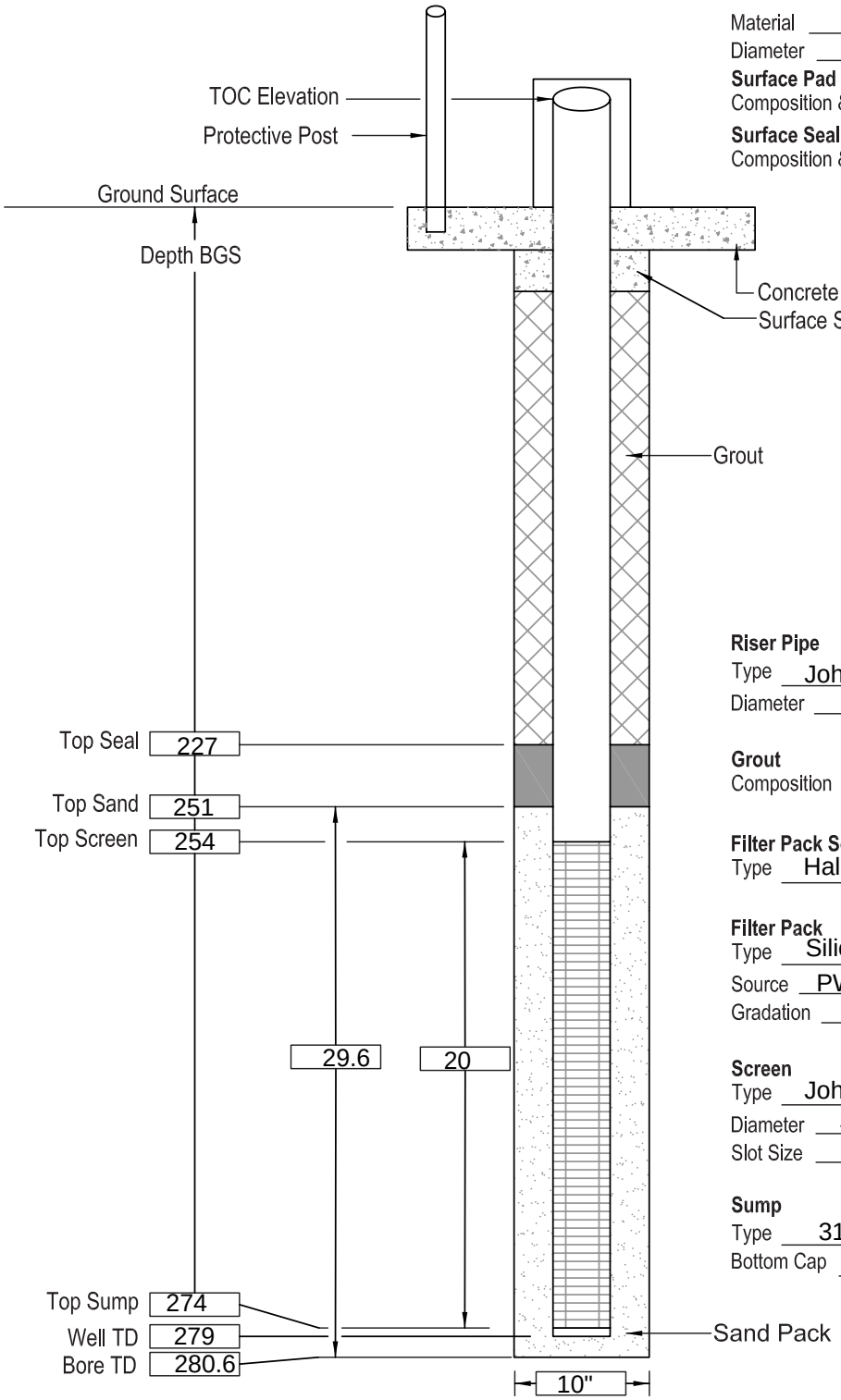
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755041.30 E635930.84
TOC Elevation: 3534.57
Surface Elevation: 3532.56

Well No: PTX06-ISB155
Well Type: Injection
Date Constructed: 06-27-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

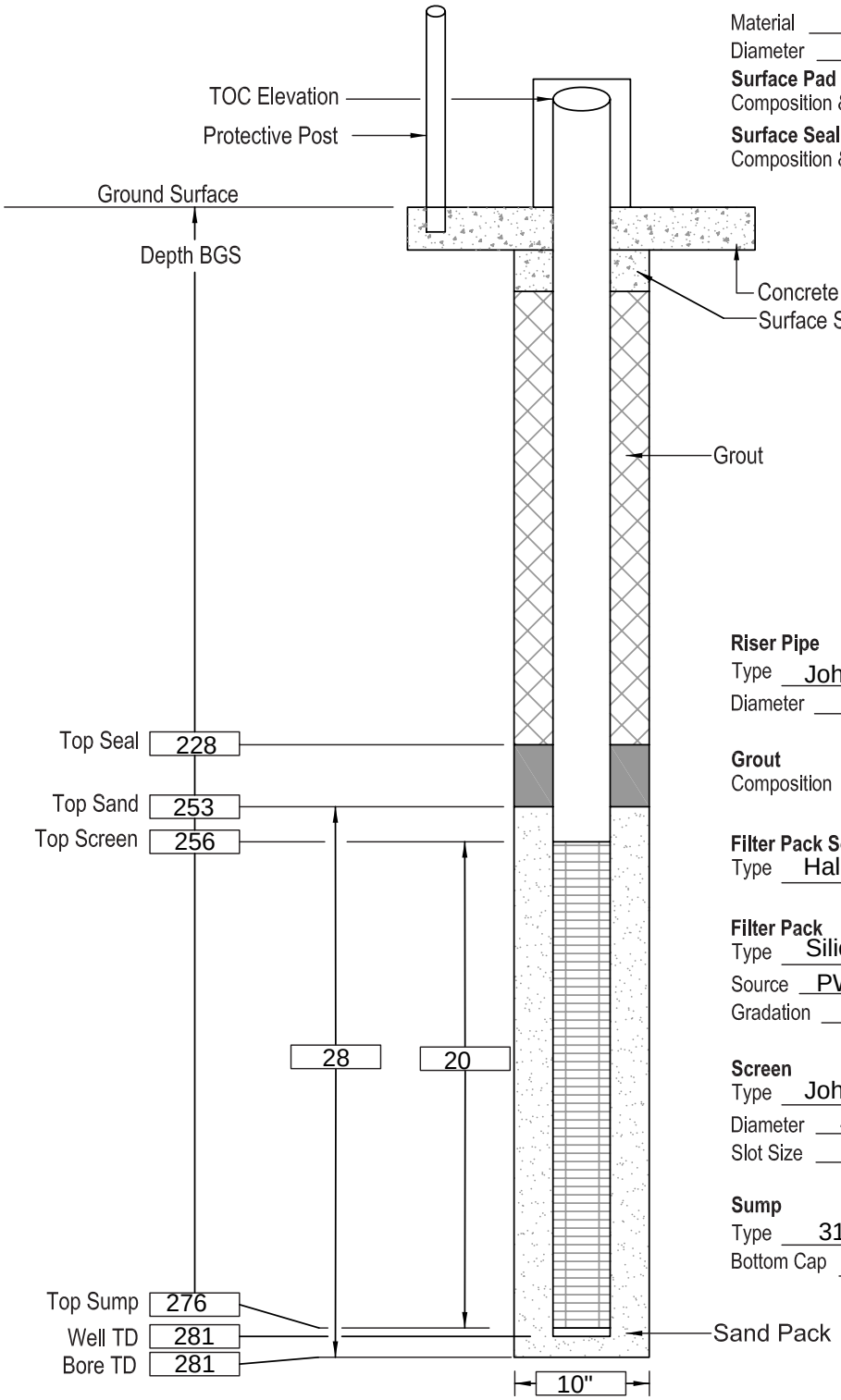
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755042.87 E635976.40
TOC Elevation: 3534.32
Surface Elevation: 3532.30

Well No: PTX06-ISB156
Well Type: Injection
Date Constructed: 07-08-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

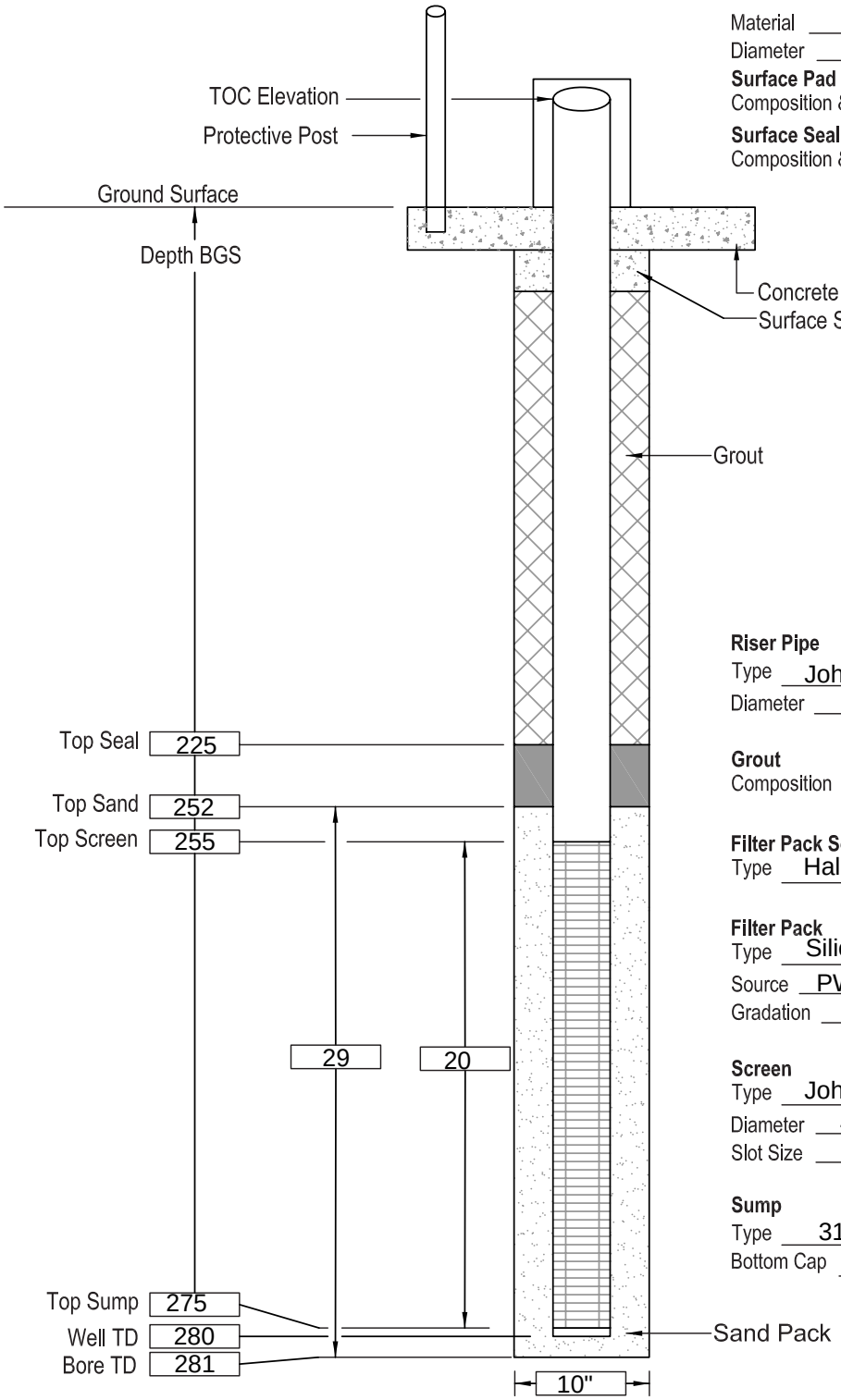
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755042.94 E636025.19
TOC Elevation: 3534.13
Surface Elevation: 3532.05

Well No: PTX06-ISB157
Well Type: Injection
Date Constructed: 07-10 + 07-11-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

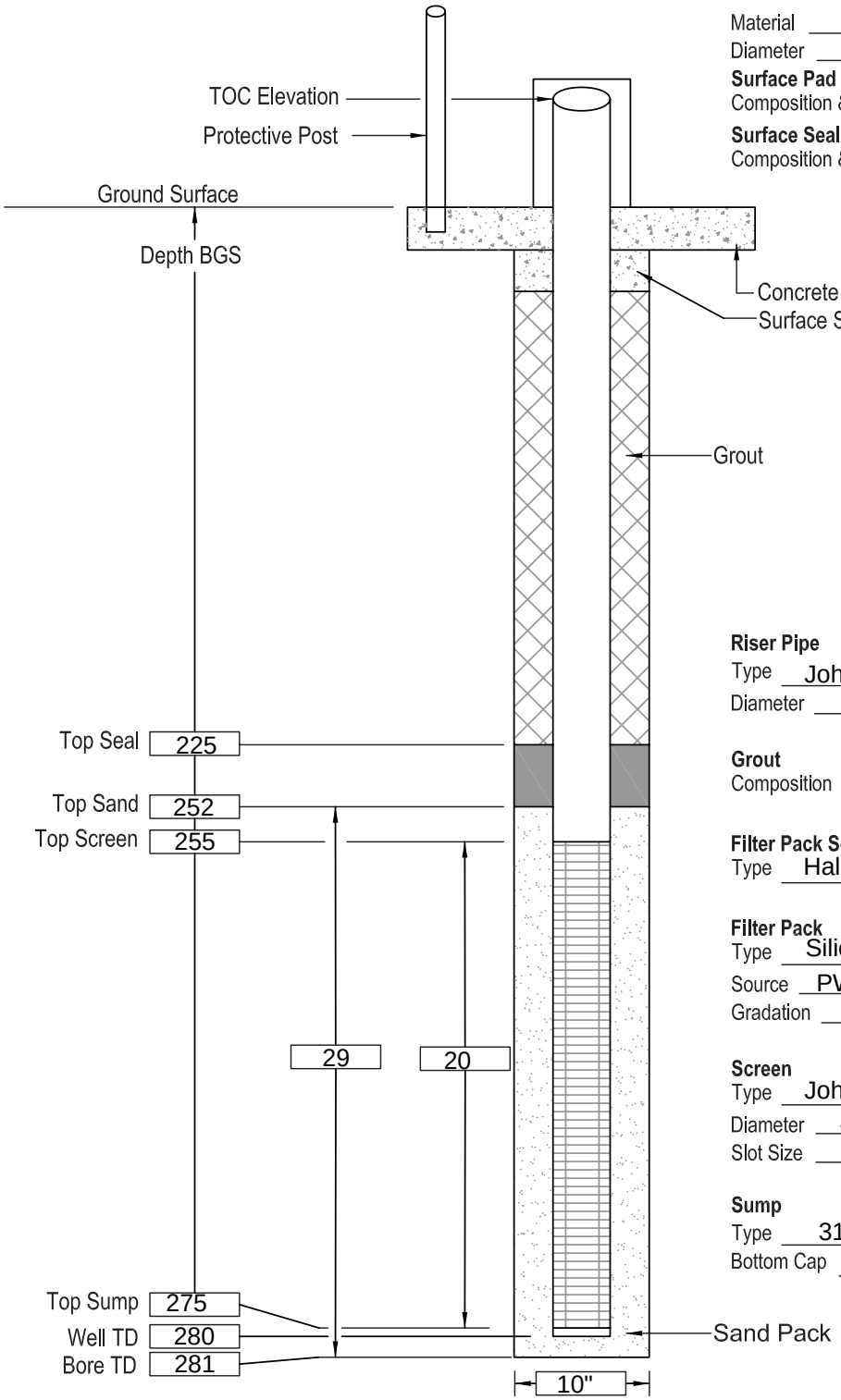
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755043.82 E636078.85
TOC Elevation: 3533.77
Surface Elevation: 3531.65

Well No: PTX06-ISB158
Well Type: Injection
Date Constructed: 07-12 + 07-13-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 10--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

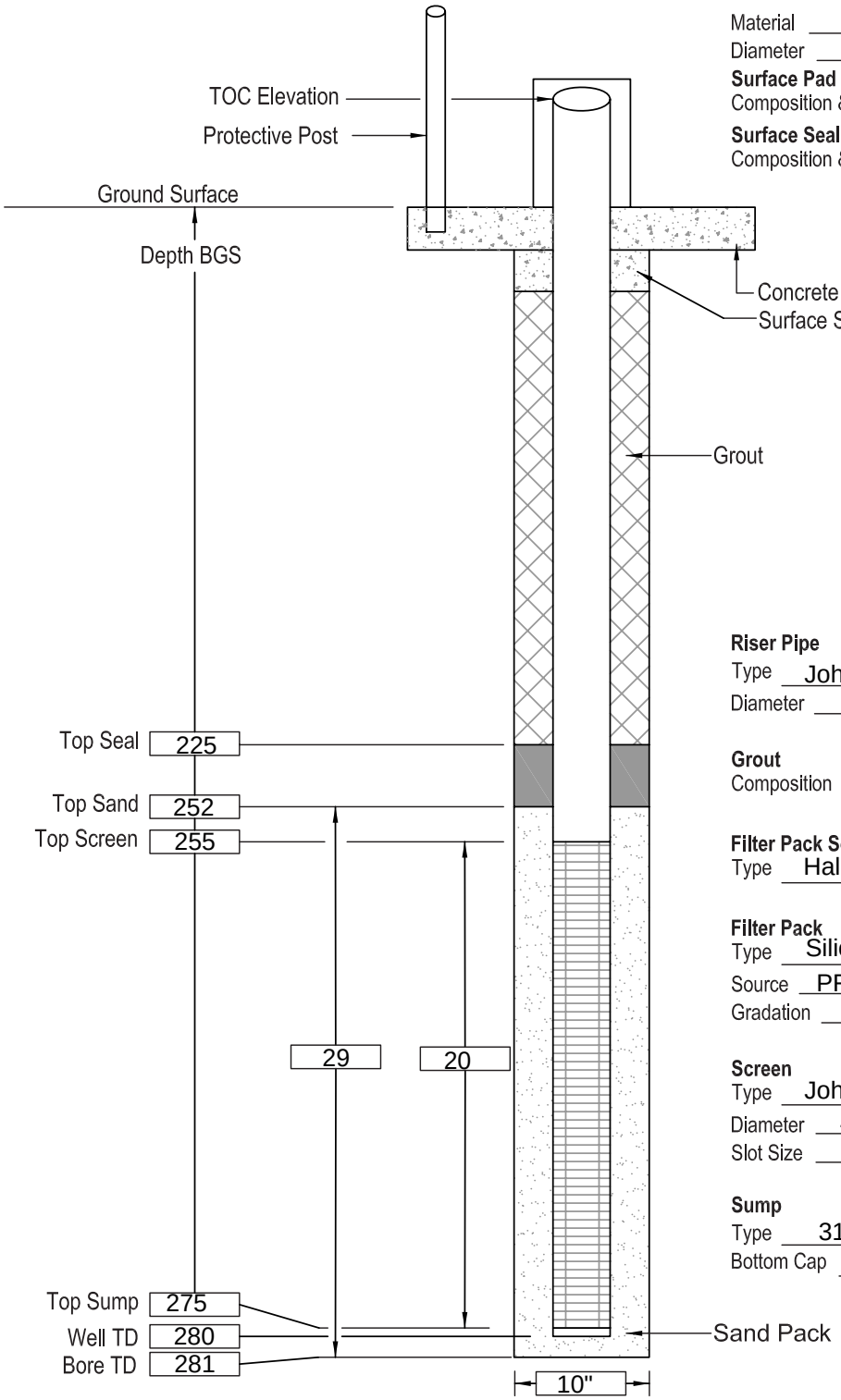
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 3
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755054.73 E636131.78
TOC Elevation: 3533.47
Surface Elevation: 3531.37

Well No: PTX06-ISB159
Well Type: Injection
Date Constructed: 07-24 + 07-25-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - Medium

Filter Pack
Type: Silica Sand
Source: PFS Aggregates - Voca, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

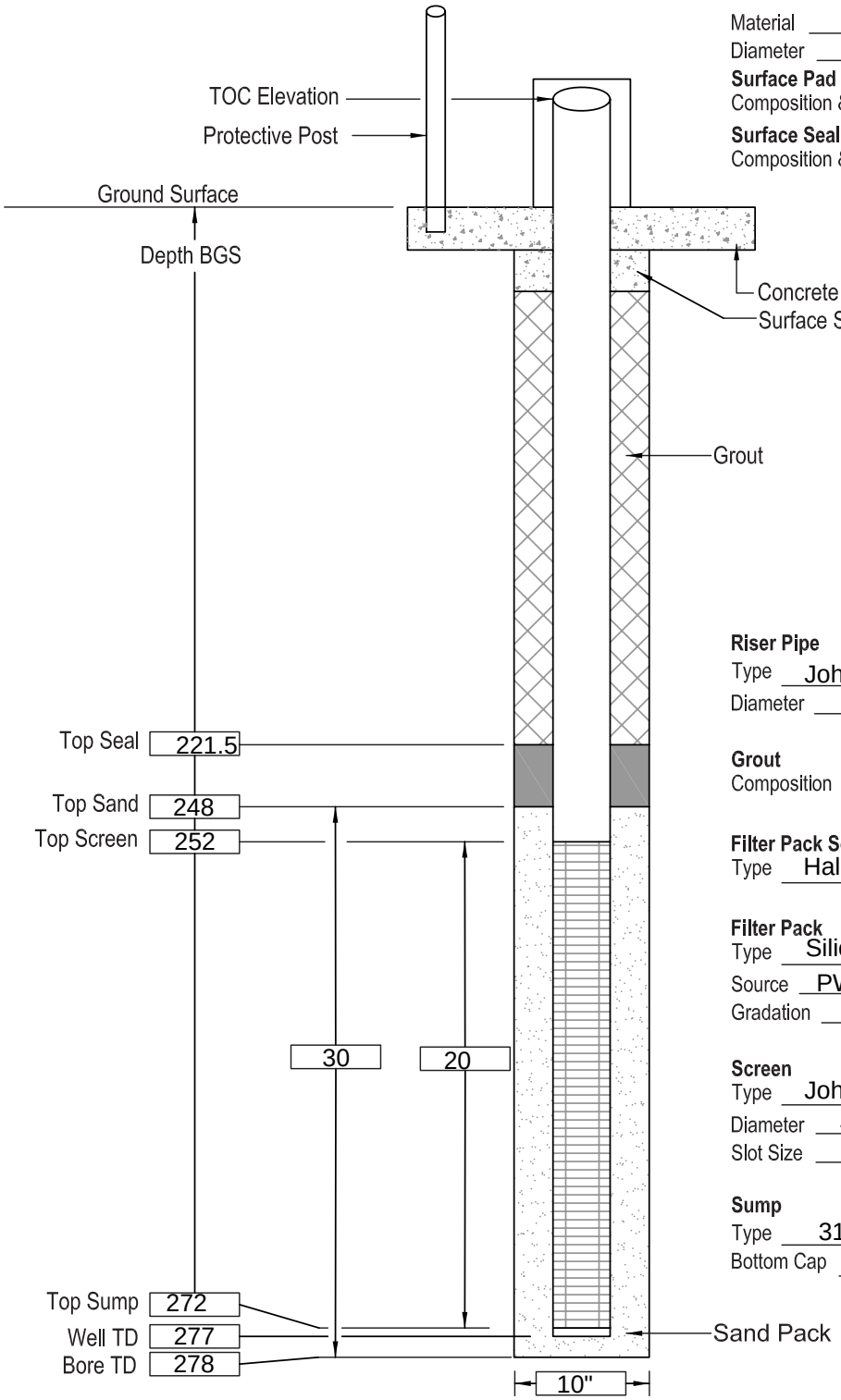
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755072.21 E636164.03
TOC Elevation: 3533.25
Surface Elevation: 3531.17

Well No: PTX06-ISB160
Well Type: Injection
Date Constructed: 12-3 + 12-4-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

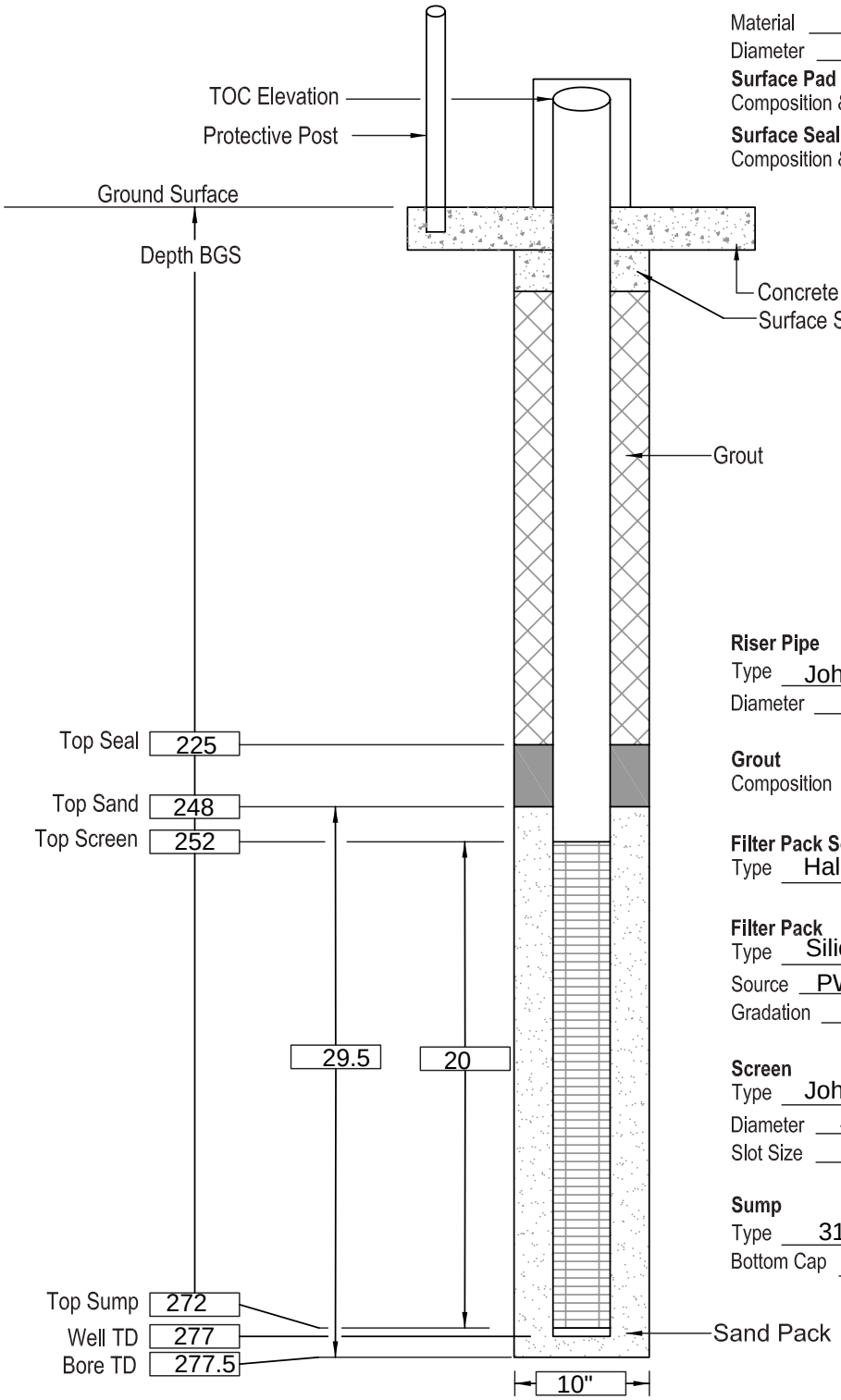
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755094.74 E636200.30
TOC Elevation: 3533.37
Surface Elevation: 3531.22

Well No: PTX06-ISB161
Well Type: Injection
Date Constructed: 12-2-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

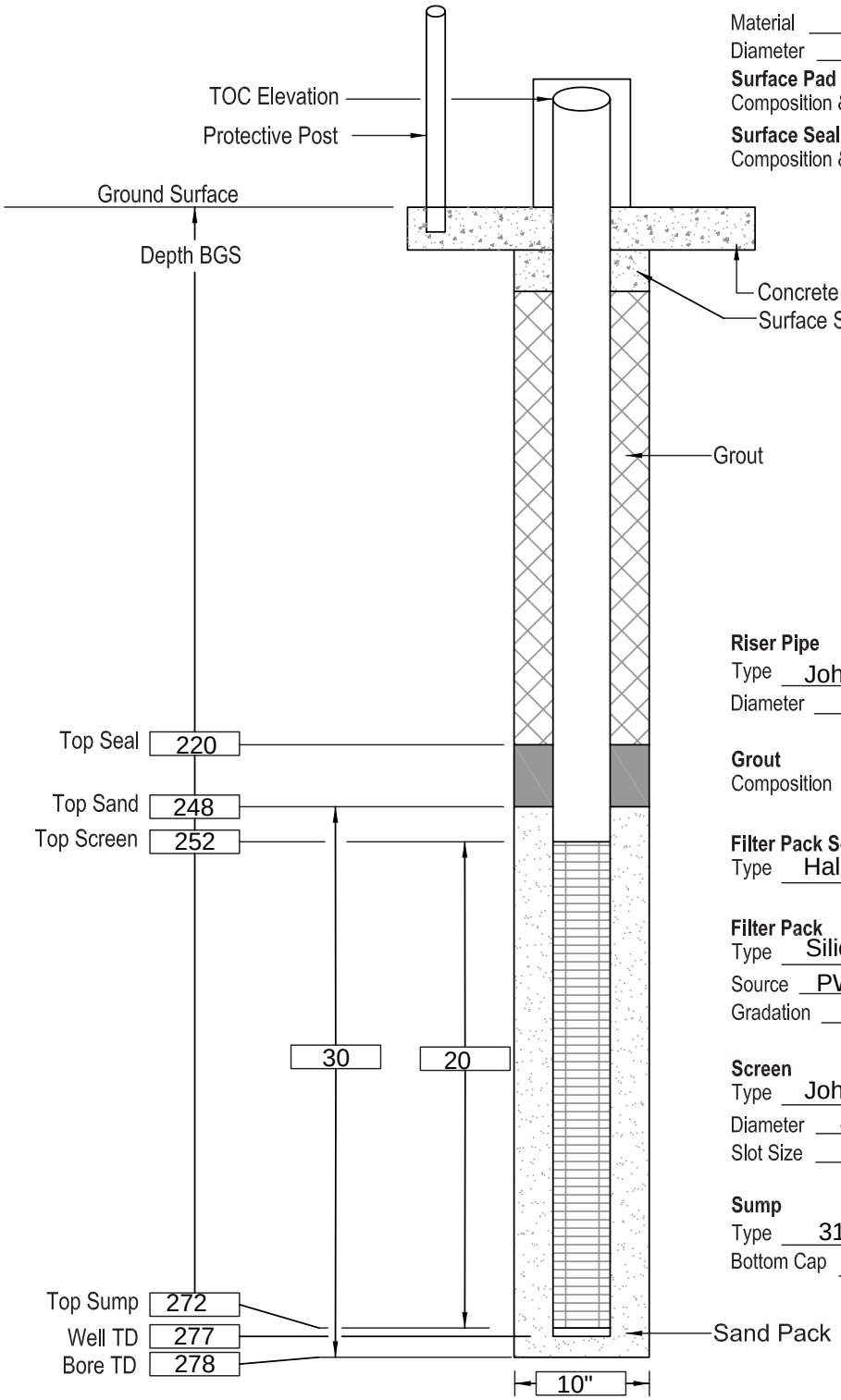
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755117.70 E636243.20
TOC Elevation: 3532.80
Surface Elevation: 3530.73

Well No: PTX06-ISB162
Well Type: Injection
Date Constructed: 11-22 + 11-23-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

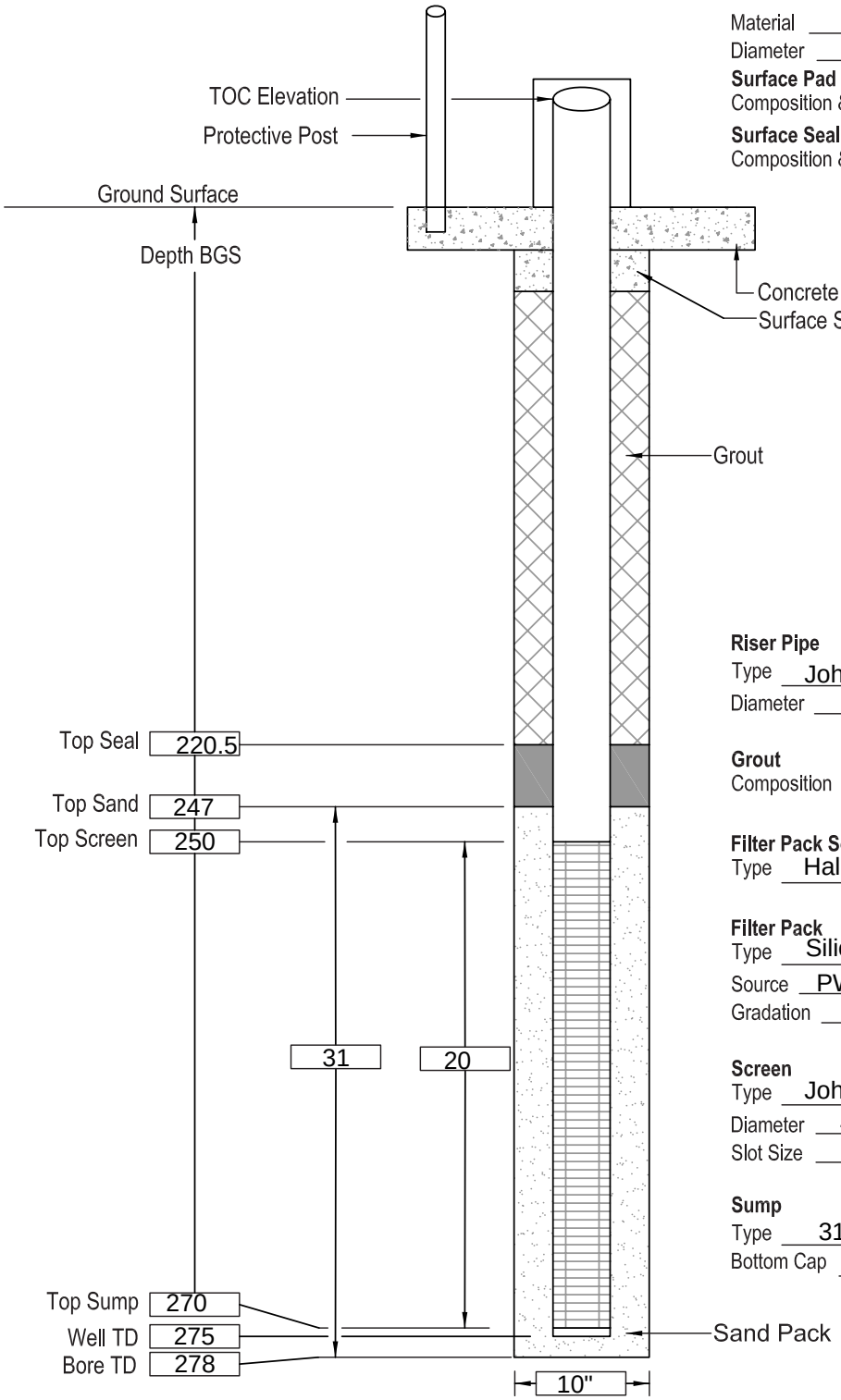
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755137.92 E636285.73
TOC Elevation: 3532.03
Surface Elevation: 3529.97

Well No: PTX06-ISB163
Well Type: Injection
Date Constructed: 11-20 + 11-21-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

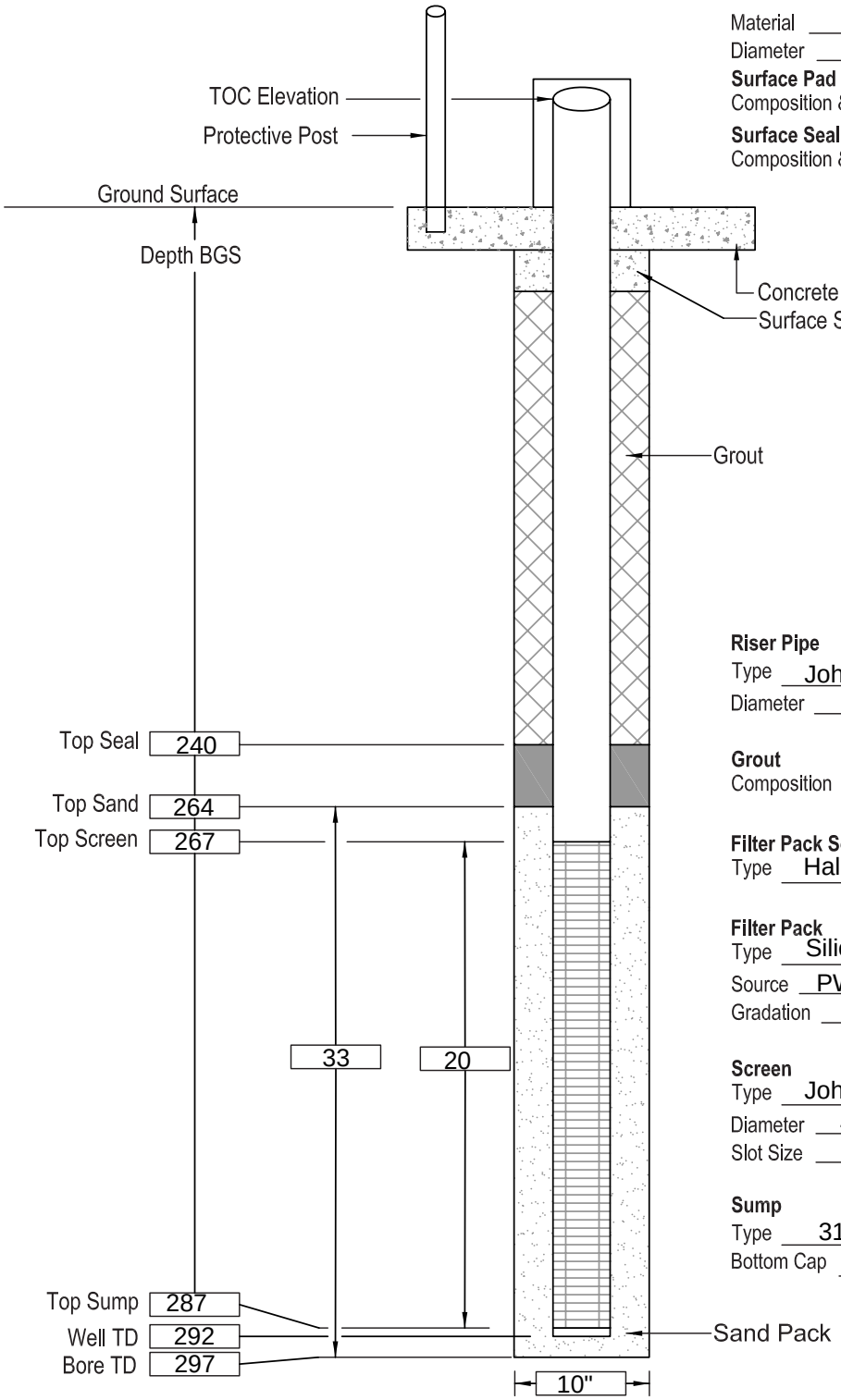
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755540.15 E634311.35
TOC Elevation: 3543.86
Surface Elevation: 3541.78

Well No: PTX06-ISB166A
Well Type: Injection
Date Constructed: 10-28-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

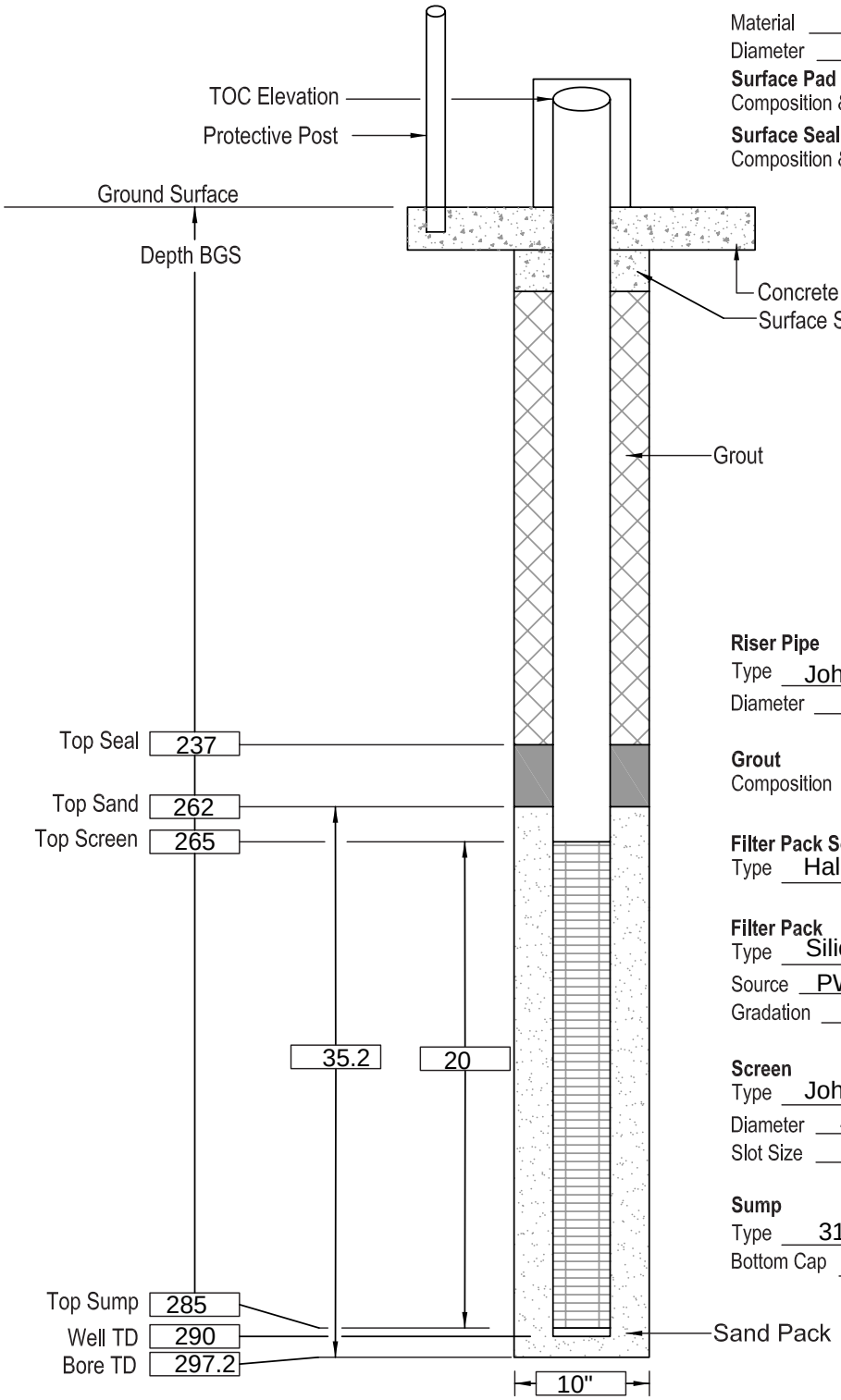
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755500.04 E634408.63
TOC Elevation: 3543.41
Surface Elevation: 3541.28

Well No: PTX06-ISB167
Well Type: Injection
Date Constructed: 11-07-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

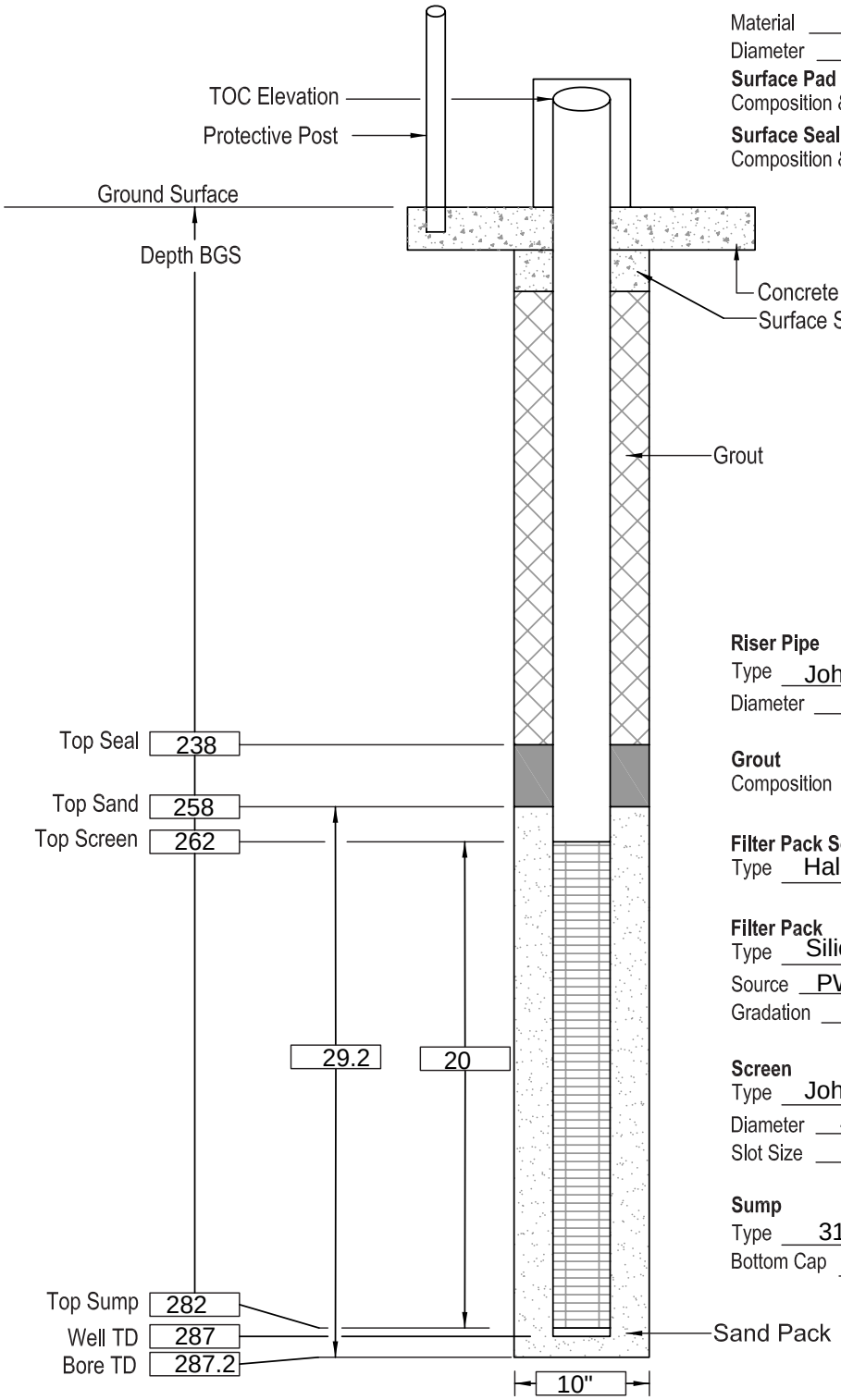
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755416.38 E634291.60
TOC Elevation: 3543.38
Surface Elevation: 3541.29

Well No: PTX06-ISB168
Well Type: Injection
Date Constructed: 11-05-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

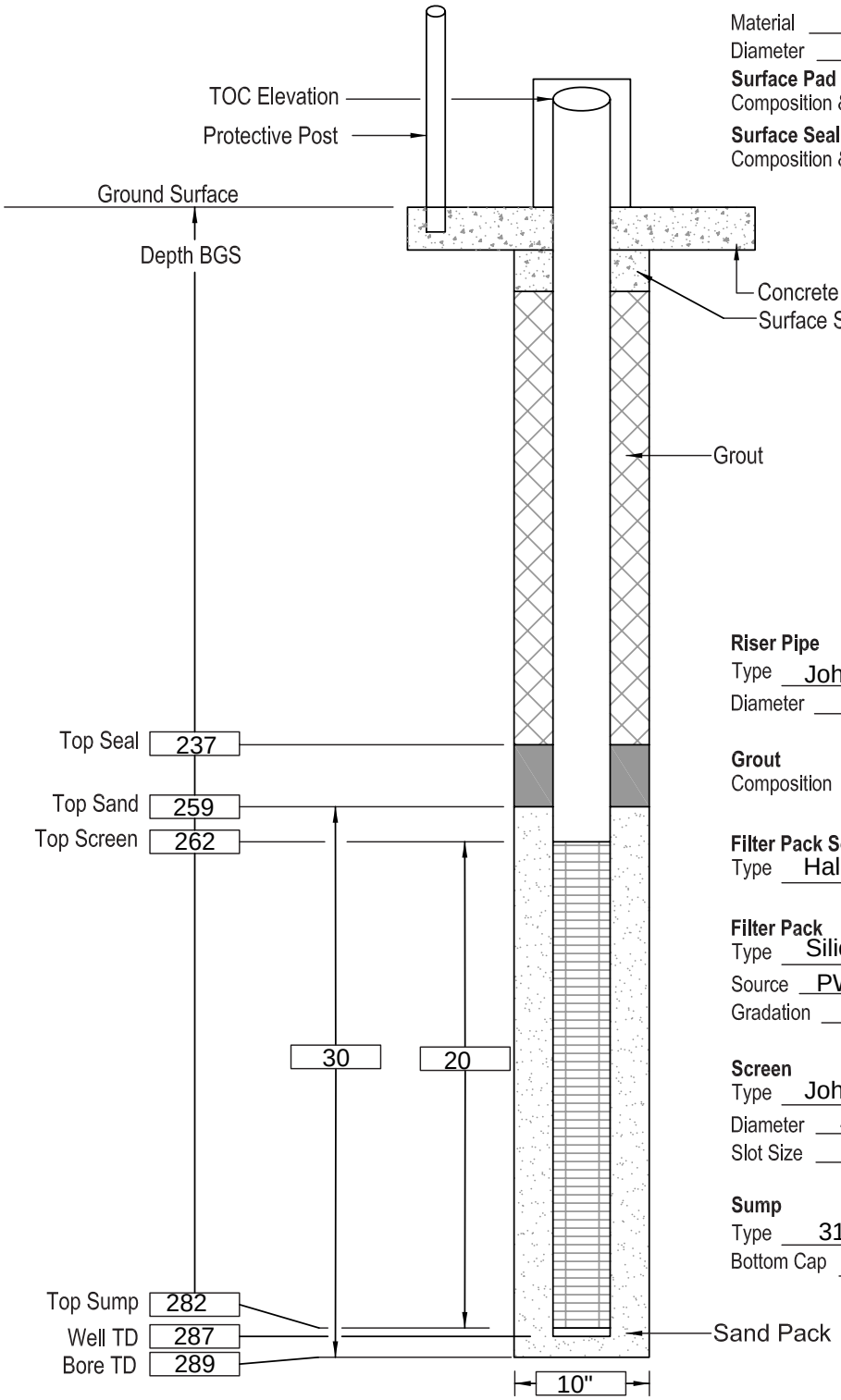
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755377.62 E634403.01
TOC Elevation: 3542.87
Surface Elevation: 3540.83

Well No: PTX06-ISB169
Well Type: Injection
Date Constructed: 11-10-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

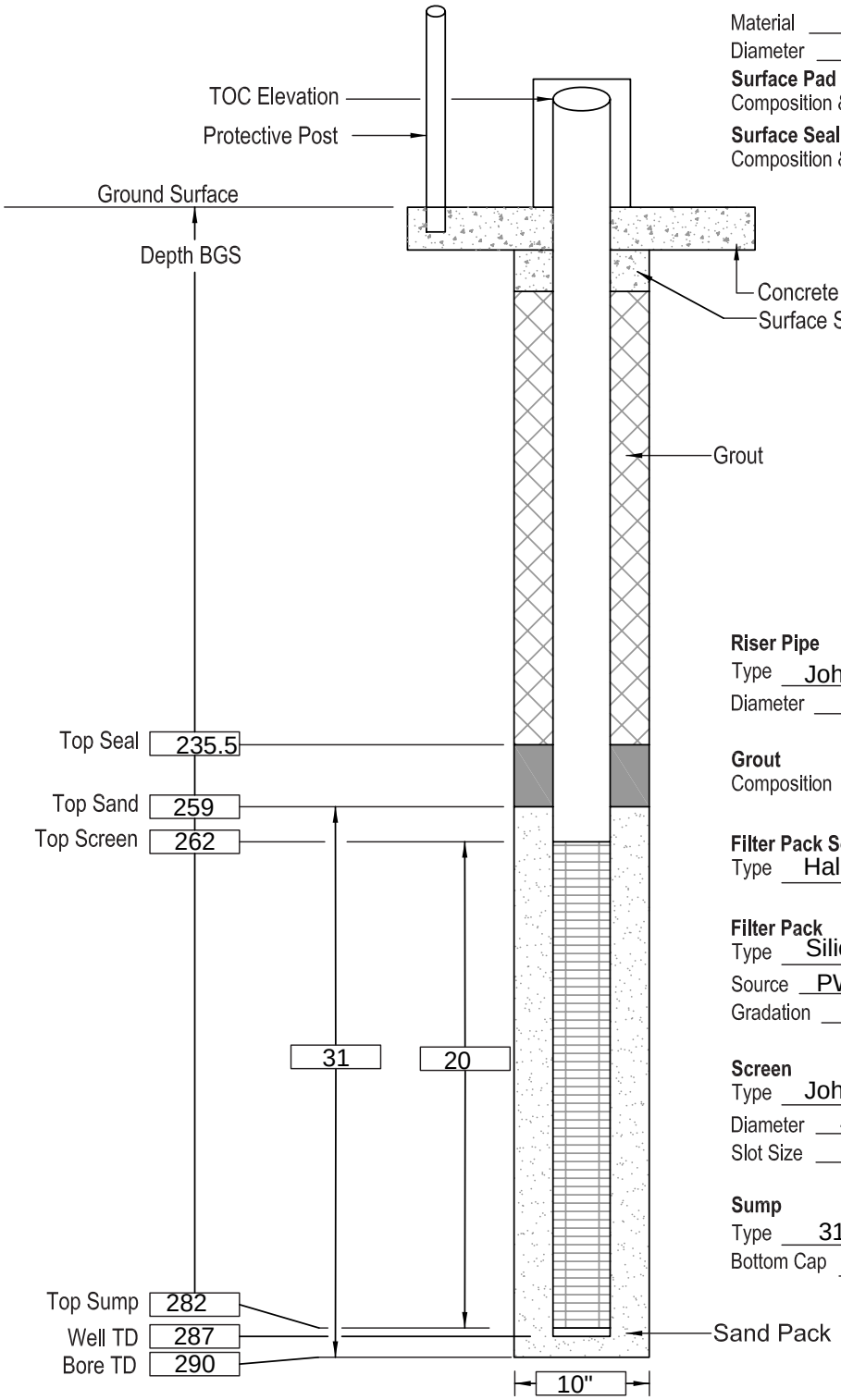
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Zone 11 ISB
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3755411.44 E634476.21
TOC Elevation: 3542.91
Surface Elevation: 3540.80

Well No: PTX06-ISB170
Well Type: Injection
Date Constructed: 11-18-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

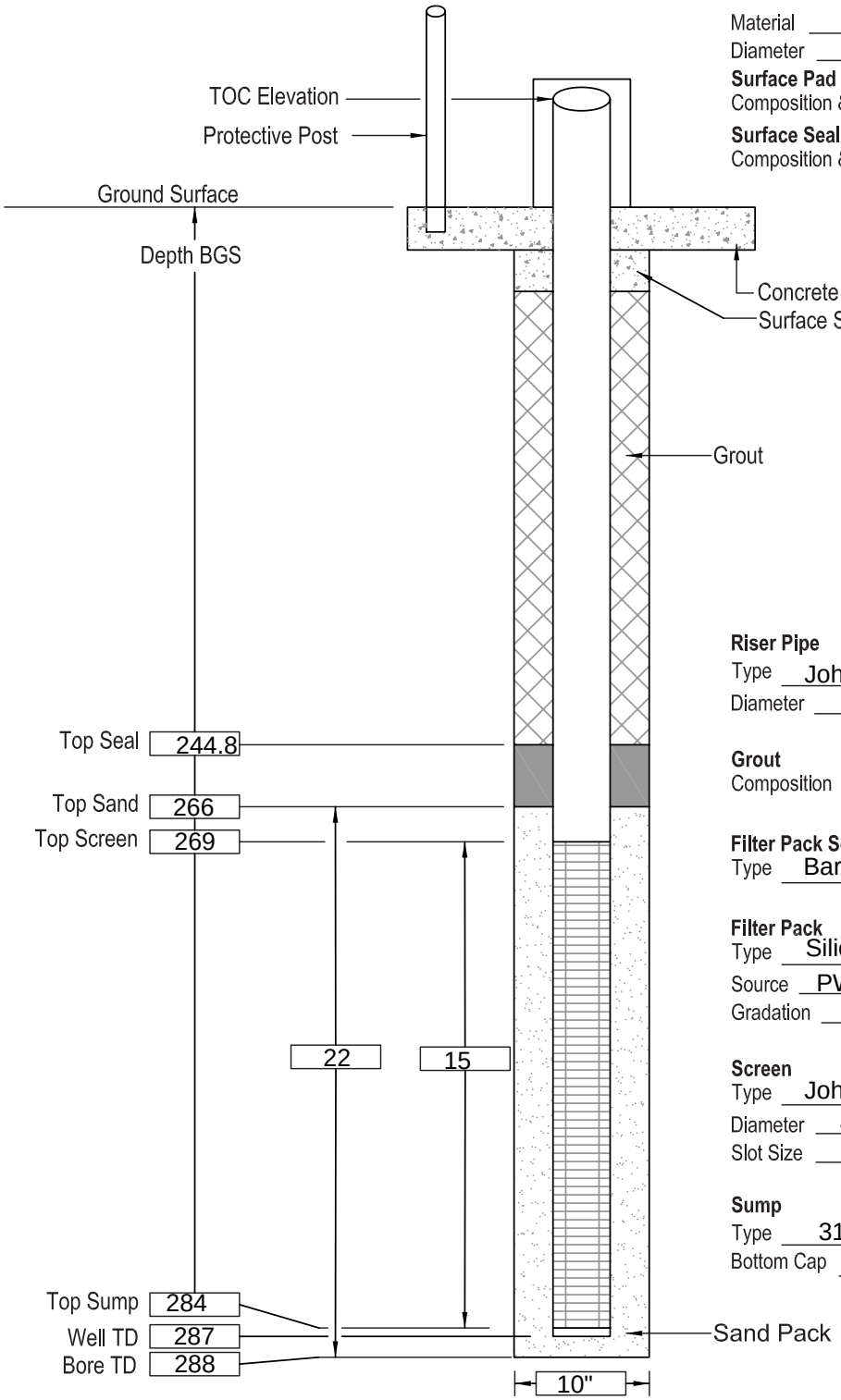
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: SE ISB Extension
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3751684.95 E649090.85
TOC Elevation: 3517.96
Surface Elevation: 3515.82

Well No: PTX06-ISB330
Well Type: Injection
Date Constructed: 09-26-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Baroid Hole Plug 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

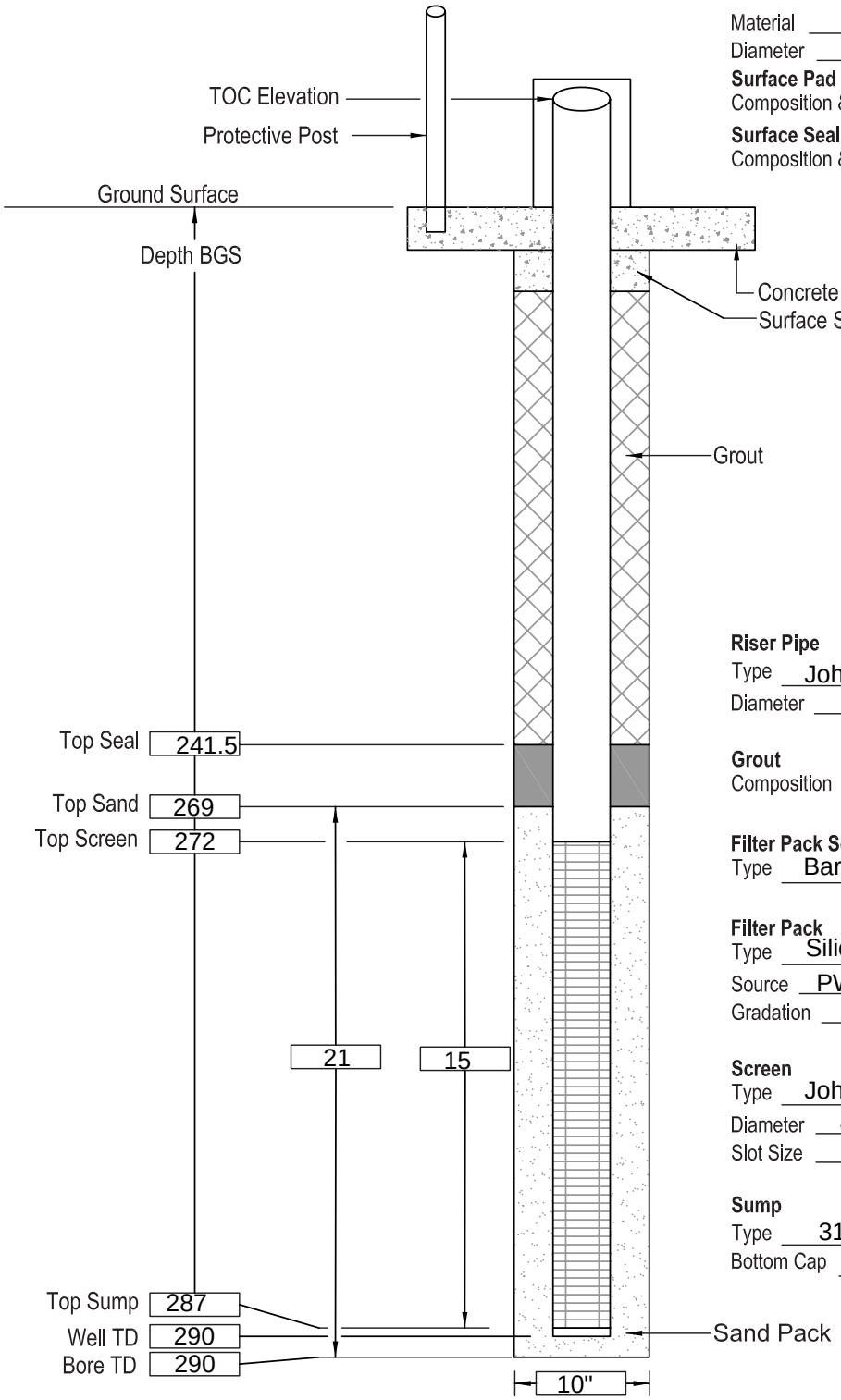
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Threaded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: SE ISB Extension
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3751760.79 E649092.70
TOC Elevation: 3518.17
Surface Elevation: 3516.05

Well No: PTX06-ISB331
Well Type: Injection
Date Constructed: 09-29 + 09-30-2021
Observed By: J Ford + R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Johnson 316 Stainless Steel
Diameter: 4-inch

Grout
Composition: Portland Cement + 5% Bentonite

Filter Pack Seal
Type: Baroid Hole Plug 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand - Brady, TX
Gradation: 12--20

Screen
Type: Johnson 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

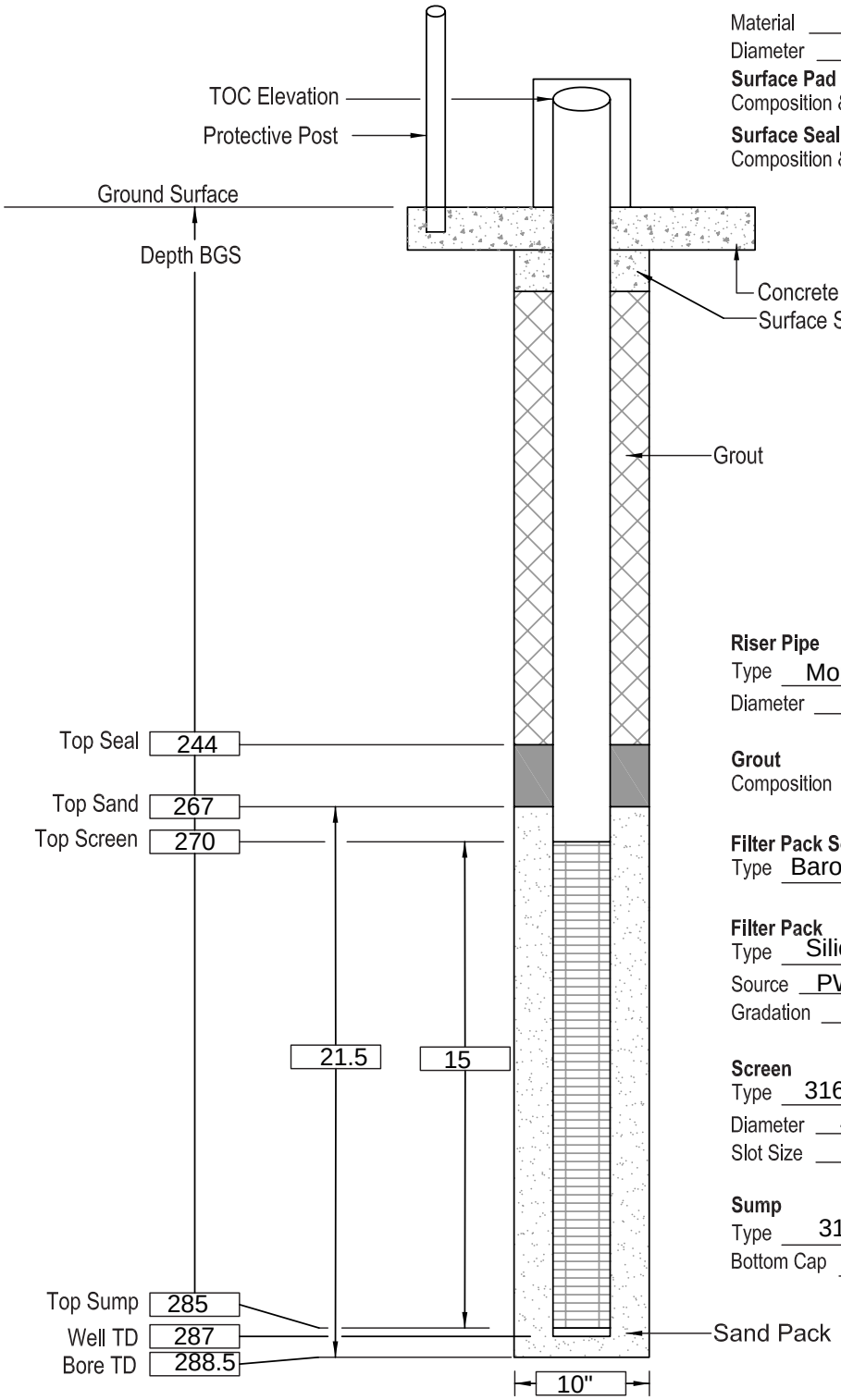
Sump
Type: 316 Stainless Steel Cap
Bottom Cap: Threaded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Vance Farm Property
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750605.84 E649002.83
TOC Elevation: 3514.50
Surface Elevation: 3512.39

Well No: PTX06-ISB417
Well Type: Injection
Date Constructed: 09-14-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Sch 80 PVC w/ 40' Stainless Steel
Diameter: 4-inch above the screen

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

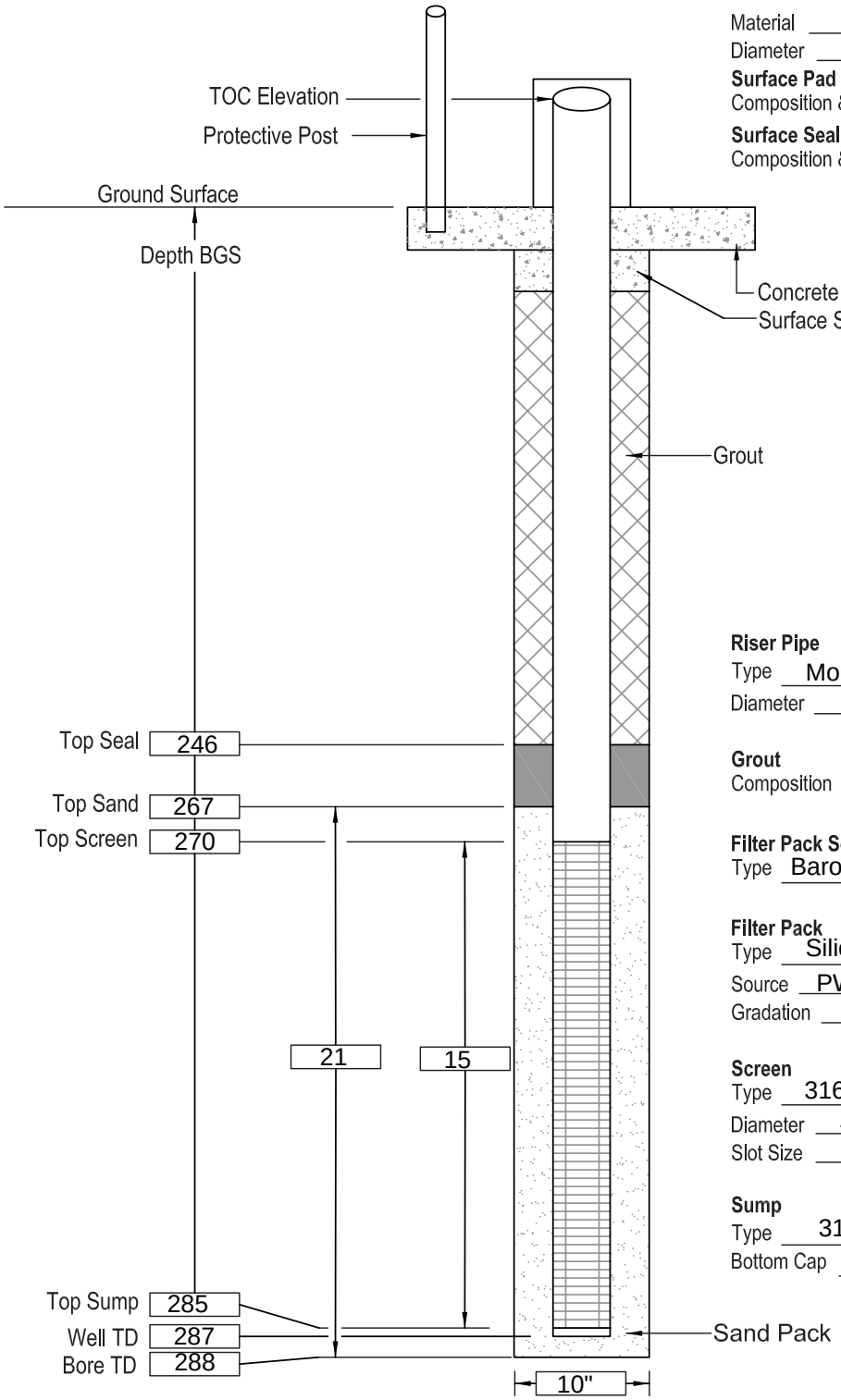
Sump
Type: 316 Stainless Steel
Bottom Cap: 2' Length - Welded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Vance Farm Property
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750479.95 E649000.08
TOC Elevation: 3514.07
Surface Elevation: 3512.00

Well No: PTX06-ISB418
Well Type: Injection
Date Constructed: 09-12-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Sch 80 PVC w/ 40' Stainless Steel
Diameter: 4-inch above the screen

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 12--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

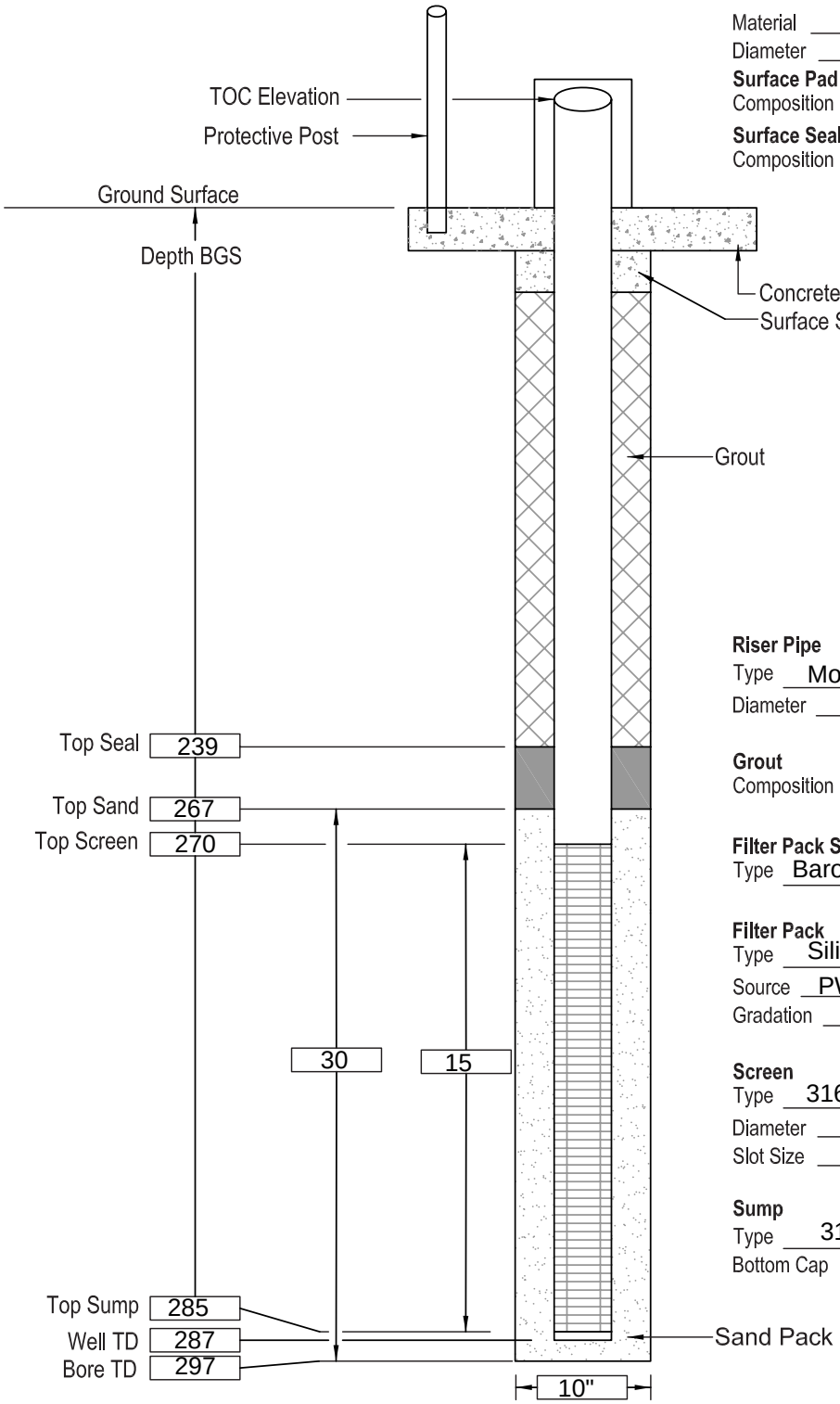
Sump
Type: 316 Stainless Steel
Bottom Cap: 2' Length - Welded.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Vance Farm Property
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750358.33 E648999.92
TOC Elevation: 3513.73
Surface Elevation: 3511.62

Well No: PTX06-ISB419
Well Type: Injection
Date Constructed: 09-10 + 09-11-2021
Observed By: J Ford

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Monoflex Sch 80 PVC w/ 40' Stainless Steel
Diameter: 4-inch above the screen

Grout
Composition: Halliburton "Quik Grout" - Bentonite

Filter Pack Seal
Type: Baroid Hole Plug - 3/8" Bentonite Chips

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, TX
Gradation: 10--20

Screen
Type: 316 Stainless Steel
Diameter: 4-inch
Slot Size: 0.010

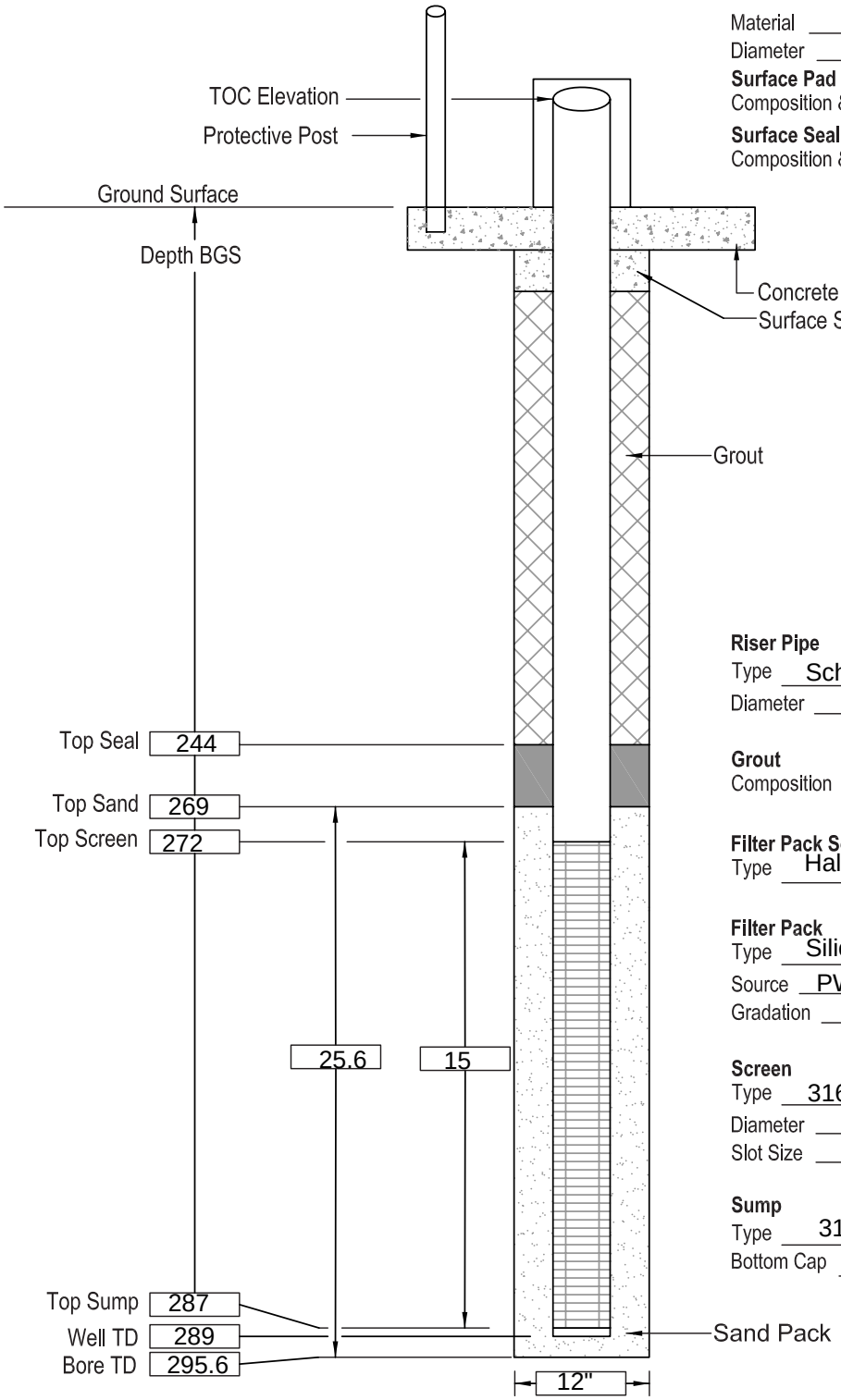
Sump
Type: 316 Stainless Steel
Bottom Cap: 2' Length - Welded. Note: Bottom of boring was backfilled with bentonite chips from 297' to 289' prior to well construction.

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Gehm Farm
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750681.12 E649260.39
TOC Elevation: 3514.73
Surface Elevation: 3512.58

Well No: PTX06-MEW-404
Well Type: Extraction
Date Constructed: 10-10-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Schedule 80 PVC
Diameter: 6-inch

Grout
Composition: Quik Grout - Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, Texas
Gradation: 12--20

Screen
Type: 316 Stainless Steel wire-wrapped
Diameter: 6-inch
Slot Size: 0.010

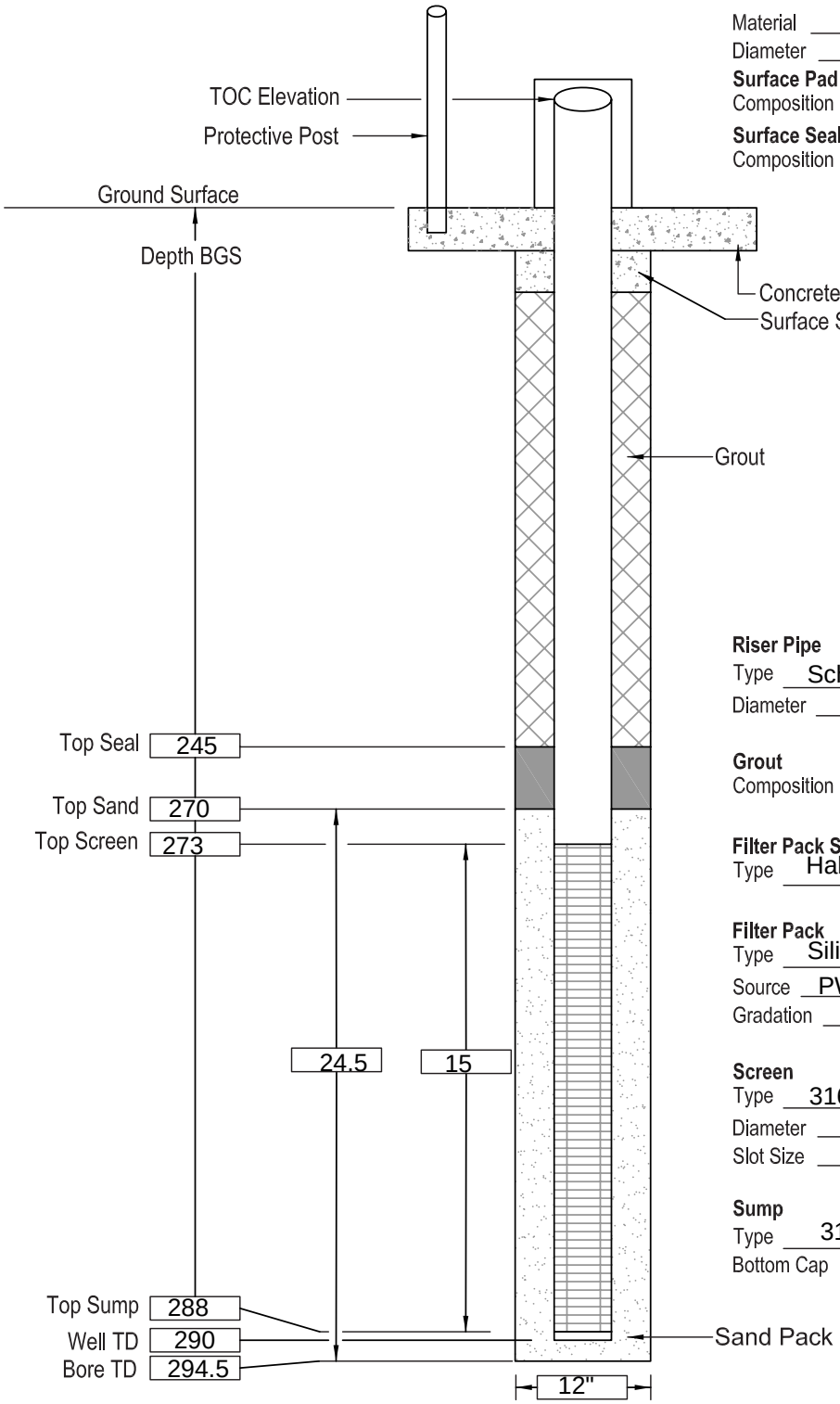
Sump
Type: 316 Stainless Steel w/Stainless Steel Cap
Bottom Cap: 2' length welded

Well Installation Diagram

Project: BOA 103 - Rel. 4
Location: Gehm Farm
Contractor: ARS Aleut Remediation
Driller: Cascade
Well Coordinates: N3750597.10 E649260.94
TOC Elevation: 3514.47
Surface Elevation: 3512.37

Well No: PTX06-MEW-405
Well Type: Extraction
Date Constructed: 10-08-2021
Observed By: R Hill

Sheet 1 of 1



Protective Casing
Material: Steel
Diameter: 10-inches

Surface Pad
Composition & Size: 5' x 5' x 8"

Surface Seal
Composition & Thickness: Concrete - 2'

Riser Pipe
Type: Schedule 80 PVC
Diameter: 6-inch

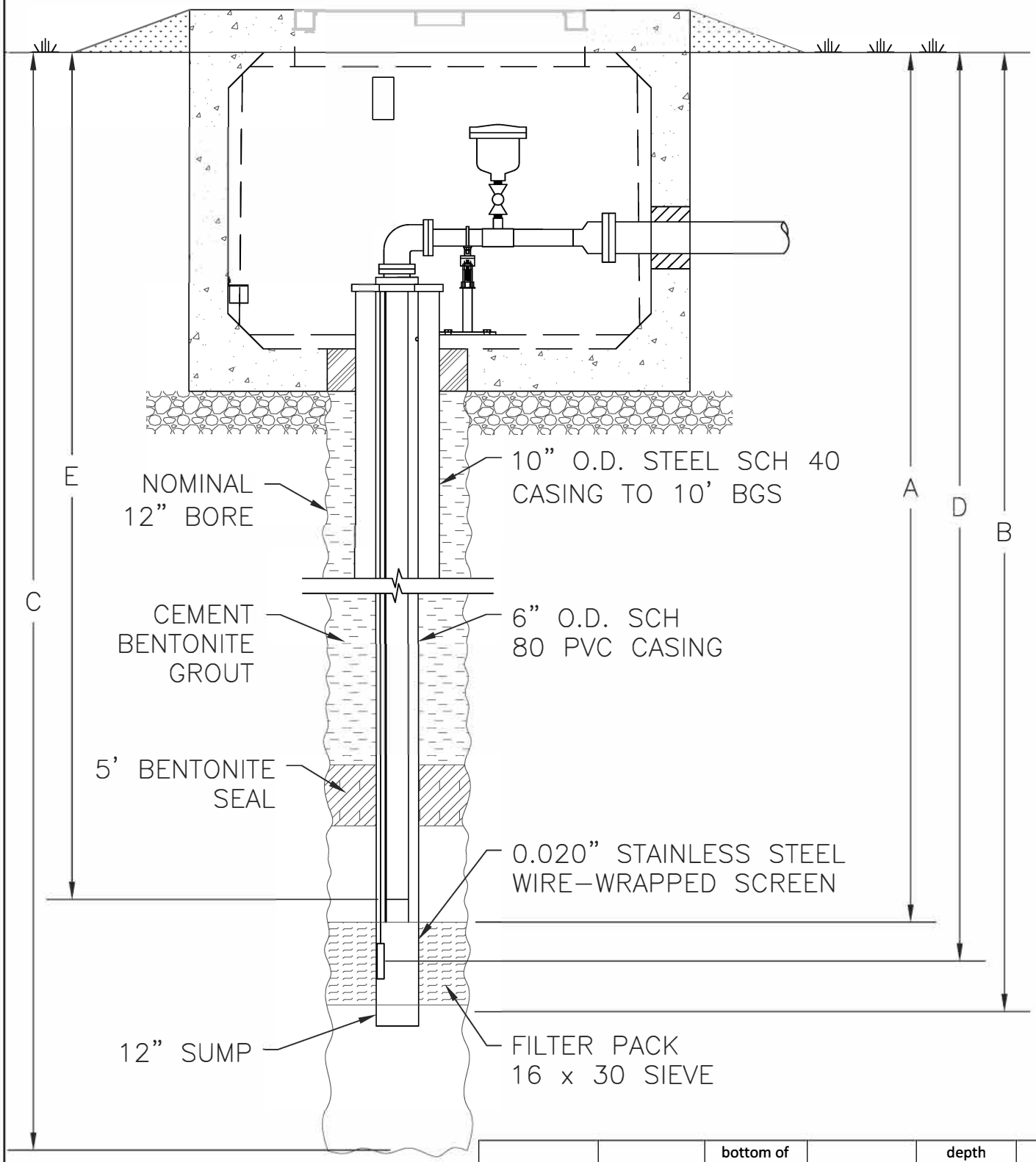
Grout
Composition: Quik Grout - Bentonite

Filter Pack Seal
Type: Halliburton Bentonite Chips - 3/8"

Filter Pack
Type: Silica Sand
Source: PW Gillibrand, Brady, Texas
Gradation: 12--20

Screen
Type: 316 Stainless Steel wire-wrapped
Diameter: 6-inch
Slot Size: 0.010

Sump
Type: 316 Stainless Steel w/Stainless Steel Cap
Bottom Cap: 2' length welded



Well	top of screen (ft bgs)	bottom of screen (ft bgs)	bottom of boring (ft bgs)	depth transducer (ft bgs)	depth drop pipe (ft bgs)
	A	B	c	d	E
PTX06-INJ-13	267	297	301		
PTX06-INJ-14	284	314	318		
PTX06-INJ-15	284	314	318		

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Westerville, Ohio 43081
(614) 508-1200 / Fax (614) 508-1201
www.lata.com

INJECTION WELL CONSTRUCTION DIAGRAM
PANTEX

FIGURE
1

PROJECT NUMBER	DATE	FILE NAME	SCALE
11419	06-01-2021		N.T.S.

Appendix H

Implementation and Maintenance Reports for Remedial Actions

List of Reports

Post Injection Report. Offsite ISB System. June to October 2021. Pantex Plant, Amarillo, Texas. February 4, 2022.

Well Field Maintenance Report. Southeast Extension ISB System. Pantex Plant, Amarillo, Texas. June 30, 2021.

Post Injection Report. Southeast Extension ISB System. June 2021. Pantex Plant, Amarillo, Texas. October 1, 2021.

Well Field Maintenance Report. Southeast Extension ISB System. Pantex Plant, Amarillo, Texas. December 30, 2021.

Post Injection Report. Southeast Extension ISB System. October to December 2021. Pantex Plant, Amarillo, Texas. February 18, 2022.

Well Field Maintenance Report. Zone 11 ISB System. Pantex Plant, Amarillo, Texas. January 25, 2022.

Post Injection Report. Zone 11 ISB System. July to November 2021. Pantex Plant, Amarillo, Texas. January 28, 2022.

Implementation Report Perched Aquifer Remedial Actions. Pantex Plant. April 2021 to December 2021. January 31, 2022.

Implementation Report Perched Aquifer Remedial Actions Pantex Plant – Offsite Areas. August – December 2021. January 31, 2022.

Reports available by request. Email ERProgramAdminRecord@pxy12.doe.gov for information.